

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034577.D
 Acq On : 17 Mar 2023 12:19
 Operator : JC/MD
 Sample : VX0317WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

Quant Time: Mar 19 23:57:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	243709	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	410742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191467	54.003	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.000%	
35) Dibromofluoromethane	5.385	113	145042	53.483	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.960%	
50) Toluene-d8	8.646	98	534246	52.772	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	11.079	95	248079	60.667	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51965	22.872	ug/l	98
3) Chloromethane	1.306	50	68335	19.042	ug/l	95
4) Vinyl Chloride	1.373	62	66561	21.516	ug/l	98
5) Bromomethane	1.599	94	45396	29.084	ug/l	97
6) Chloroethane	1.684	64	41913	23.531	ug/l	100
7) Trichlorofluoromethane	1.885	101	107540	23.135	ug/l	98
8) Diethyl Ether	2.129	74	37730	22.235	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.324	101	55059	20.324	ug/l	97
10) Methyl Iodide	2.452	142	74906	21.061	ug/l	97
11) Tert butyl alcohol	2.952	59	71488	96.825	ug/l	100
12) 1,1-Dichloroethene	2.318	96	52830	19.802	ug/l	91
13) Acrolein	2.233	56	58223	99.683	ug/l	98
14) Allyl chloride	2.660	41	105744	19.550	ug/l	97
15) Acrylonitrile	3.062	53	174374	109.332	ug/l	99
16) Acetone	2.373	43	147363	88.236	ug/l	96
17) Carbon Disulfide	2.513	76	131892	17.566	ug/l	100
18) Methyl Acetate	2.702	43	124603	22.833	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	200353	20.974	ug/l	98
20) Methylene Chloride	2.788	84	64868	20.013	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	57452	20.277	ug/l	96
22) Diisopropyl ether	3.757	45	218359	21.174	ug/l	97
23) Vinyl Acetate	3.721	43	812647	103.540	ug/l	99
24) 1,1-Dichloroethane	3.611	63	114988	20.742	ug/l	99
25) 2-Butanone	4.556	43	248701	104.073	ug/l	98
26) 2,2-Dichloropropane	4.476	77	94630	19.638	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69488	20.373	ug/l	99
28) Bromochloromethane	4.897	49	51802	20.097	ug/l	99
29) Tetrahydrofuran	5.001	42	161926	109.812	ug/l	100
30) Chloroform	5.092	83	116148	21.374	ug/l	99
31) Cyclohexane	5.470	56	103660	20.847	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	100271	20.844	ug/l	99
36) 1,1-Dichloropropene	5.690	75	84569	20.303	ug/l	98
37) Ethyl Acetate	4.714	43	99336	21.830	ug/l	99
38) Carbon Tetrachloride	5.677	117	82049	19.801	ug/l	99
39) Methylcyclohexane	7.385	83	101189	20.300	ug/l	98
40) Benzene	6.037	78	251625	20.650	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	52680	21.124	ug/l	98
42) 1,2-Dichloroethane	6.086	62	97691	21.814	ug/l	98
43) Isopropyl Acetate	6.342	43	161010	20.886	ug/l	100
44) Trichloroethene	7.122	130	63512	20.061	ug/l	100
45) 1,2-Dichloropropane	7.427	63	66791	20.993	ug/l	99
46) Dibromomethane	7.580	93	45042	20.824	ug/l	99
47) Bromodichloromethane	7.823	83	84516	20.189	ug/l	100
48) Methyl methacrylate	7.695	41	80137	21.615	ug/l	98
49) 1,4-Dioxane	7.659	88	32781	420.957	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	504176	112.741	ug/l	99
52) Toluene	8.720	92	157599	20.891	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	91228	19.343	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	100445	19.685	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	70078	23.407	ug/l	99
56) Ethyl methacrylate	9.116	69	111578	22.698	ug/l	95
57) 1,3-Dichloropropane	9.311	76	127160	23.898	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	265033	104.618	ug/l	100
59) 2-Hexanone	9.427	43	426990	123.518	ug/l	98
60) Dibromochloromethane	9.518	129	71442	22.752	ug/l	98
61) 1,2-Dibromoethane	9.610	107	75849	23.477	ug/l	100
64) Tetrachloroethene	9.274	164	56815	20.483	ug/l	97
65) Chlorobenzene	10.079	112	185025	20.422	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	66892	20.272	ug/l	99
67) Ethyl Benzene	10.195	91	339908	20.957	ug/l	98
68) m/p-Xylenes	10.299	106	253284	40.651	ug/l	95
69) o-Xylene	10.640	106	128716	20.586	ug/l	98
70) Styrene	10.652	104	209759	20.793	ug/l	99
71) Bromoform	10.799	173	45949	18.090	ug/l	98
73) Isopropylbenzene	10.963	105	345637	21.363	ug/l	99
74) N-amyl acetate	10.841	43	158156	20.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	112764	20.886	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	95873m	19.946	ug/l	
77) Bromobenzene	11.201	156	79878	20.577	ug/l	97
78) n-propylbenzene	11.305	91	400889	21.455	ug/l	99
79) 2-Chlorotoluene	11.365	91	249954	21.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	293294	21.612	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29798	16.771	ug/l #	85
82) 4-Chlorotoluene	11.457	91	289868	21.807	ug/l	99
83) tert-Butylbenzene	11.713	119	293546	21.454	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	299048	21.562	ug/l	97
85) sec-Butylbenzene	11.890	105	350686	20.964	ug/l	100
86) p-Isopropyltoluene	12.012	119	299093	21.275	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	151938	19.976	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	154410	20.078	ug/l	99
89) n-Butylbenzene	12.335	91	253307	20.268	ug/l	99
90) Hexachloroethane	12.542	117	47823	18.384	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	153189	20.841	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	25926	21.136	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	87975	19.140	ug/l	97
94) Hexachlorobutadiene	13.725	225	35578	19.213	ug/l	99
95) Naphthalene	13.774	128	312927	20.302	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	88323	19.657	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

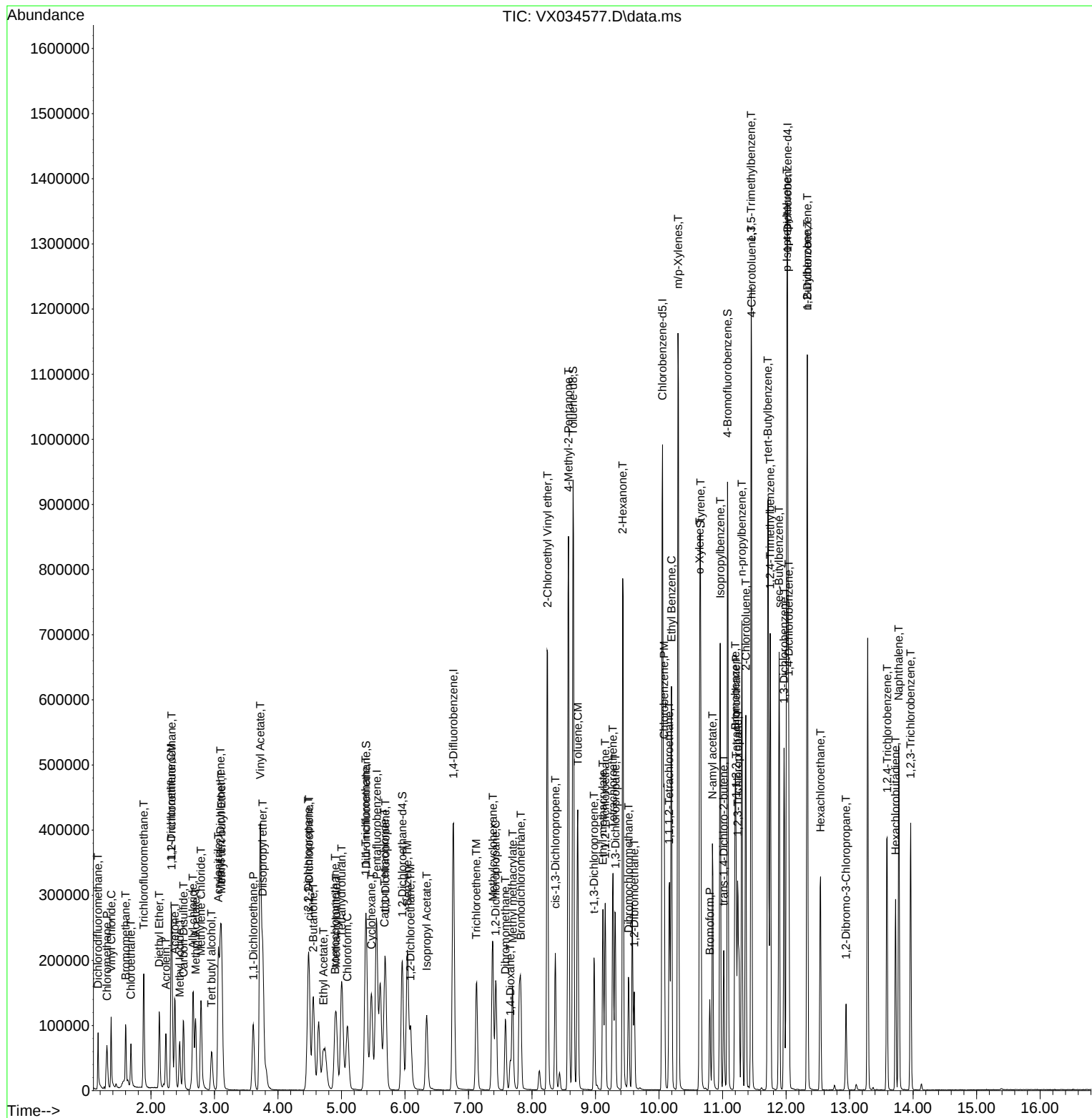
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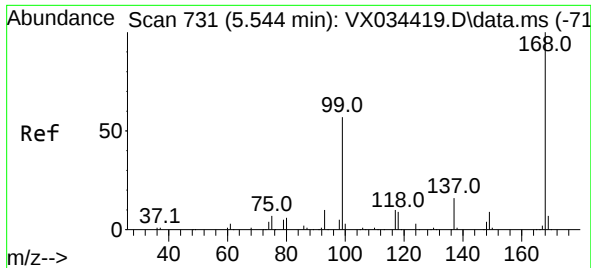
Instrument :
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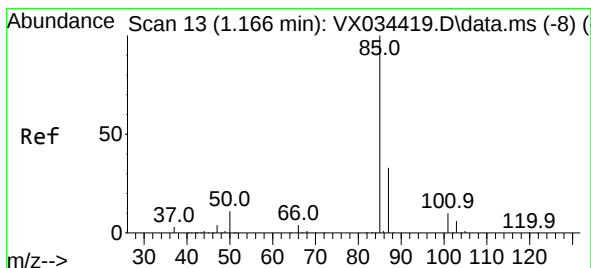
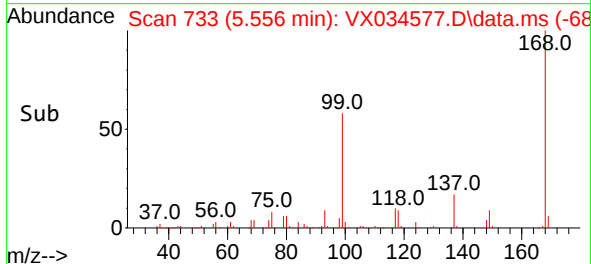
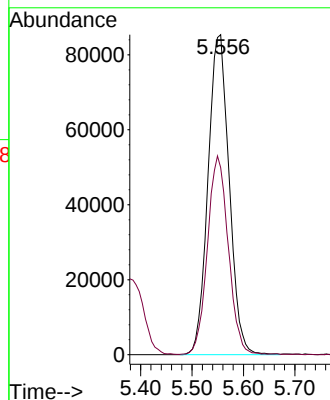
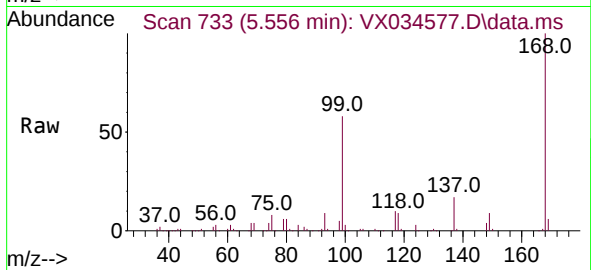
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tgt Ion:168 Resp: 243709
Ion Ratio Lower Upper
168 100
99 58.3 45.7 68.5

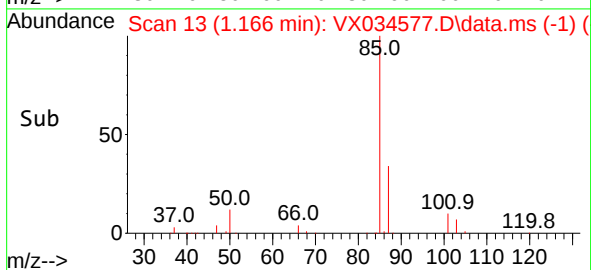
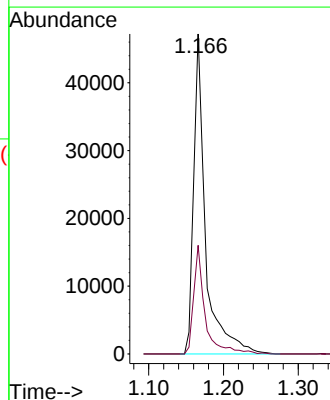
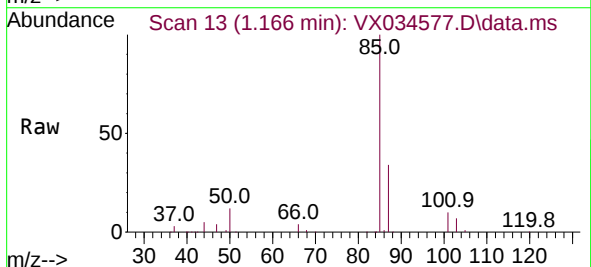
Manual Integrations
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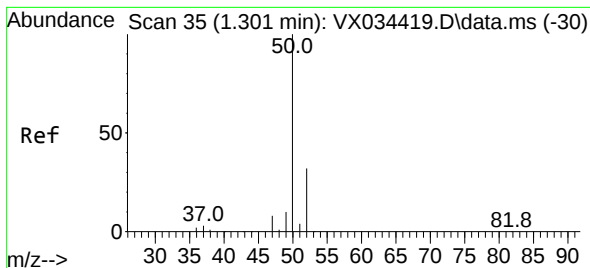
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#2
Dichlorodifluoromethane
Concen: 22.872 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion: 85 Resp: 51965
Ion Ratio Lower Upper
85 100
87 34.0 16.4 49.1





#3

Chloromethane

Concen: 19.042 ug/l

RT: 1.306 min Scan# 30

Delta R.T. 0.005 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 50 Resp: 6833

Ion Ratio Lower Upper

50 100

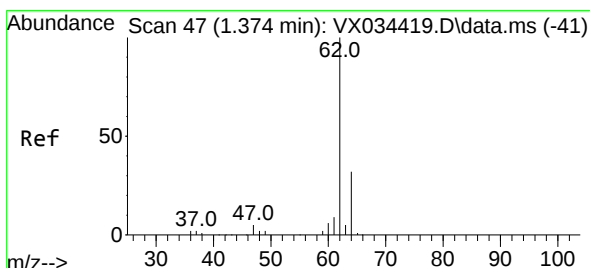
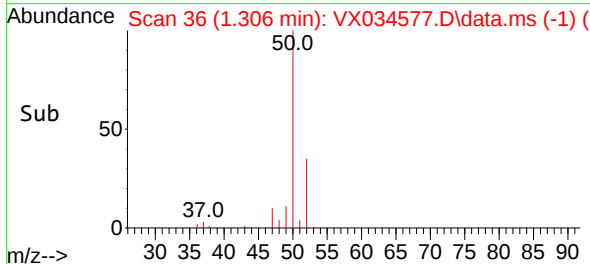
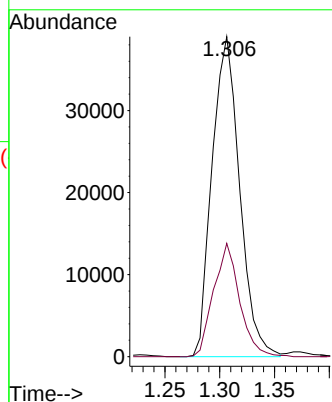
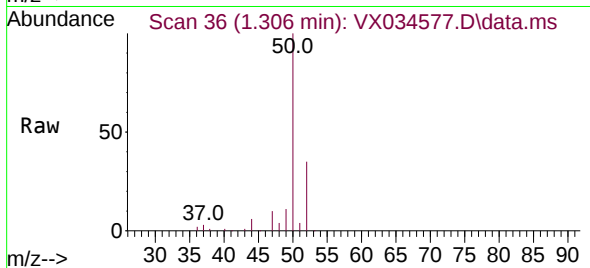
52 35.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#4

Vinyl Chloride

Concen: 21.516 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034577.D

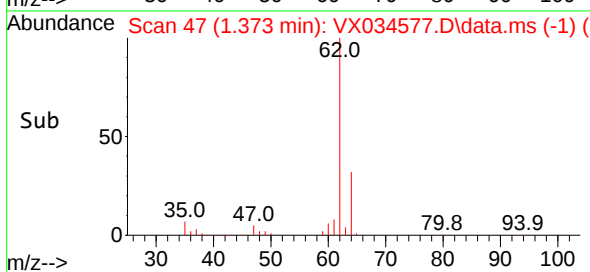
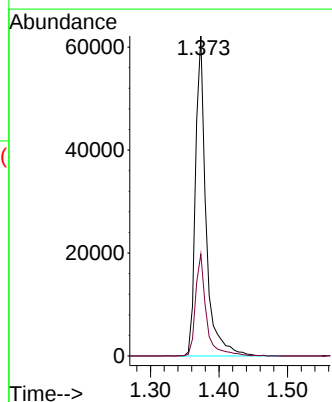
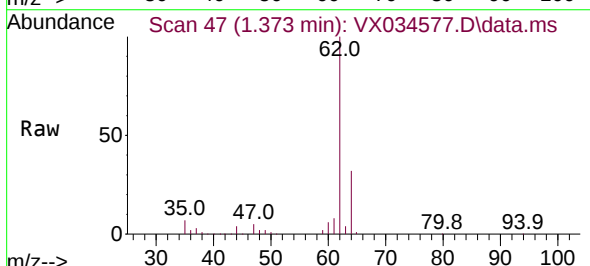
Acq: 17 Mar 2023 12:19

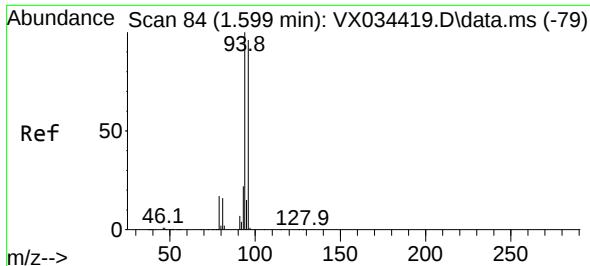
Tgt Ion: 62 Resp: 66561

Ion Ratio Lower Upper

62 100

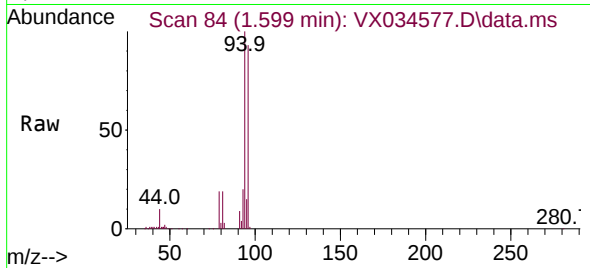
64 31.8 26.4 39.6





#5
Bromomethane
Concen: 29.084 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

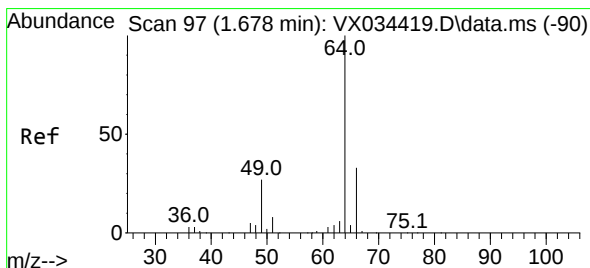
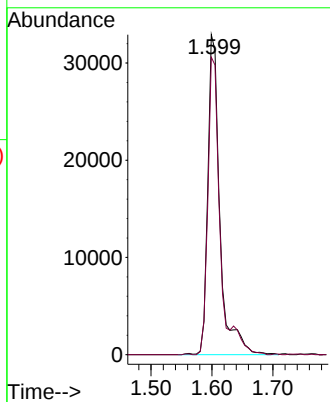
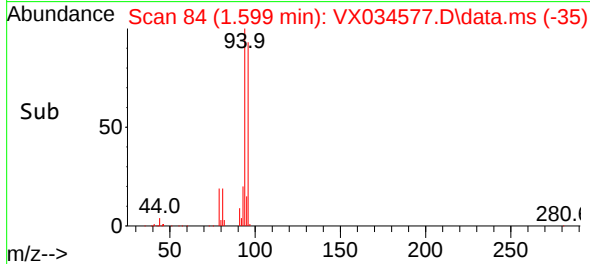
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Tgt Ion: 94 Resp: 45390
Ion Ratio Lower Upper
94 100
96 92.9 77.0 115.6

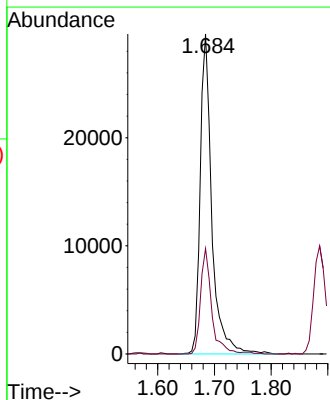
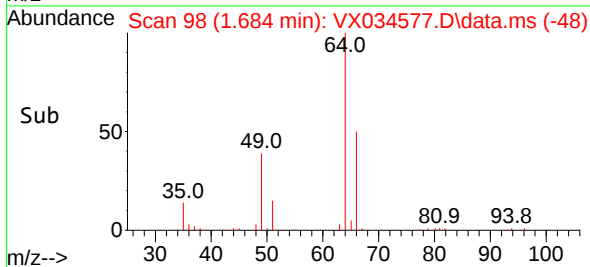
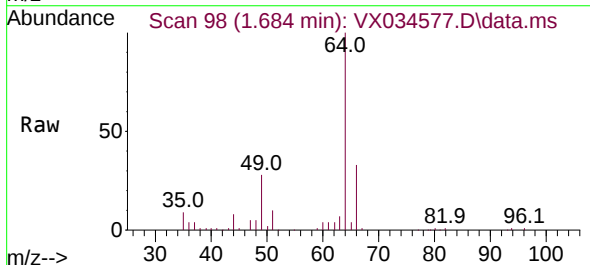
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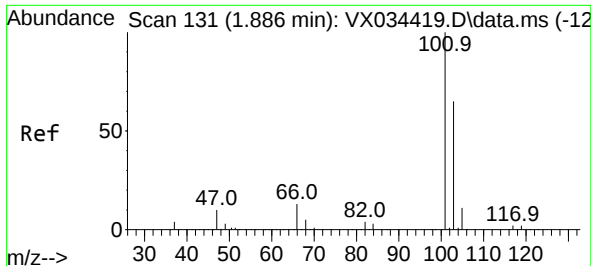
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#6
Chloroethane
Concen: 23.531 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

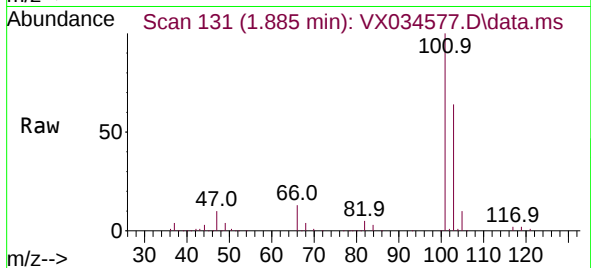
Tgt Ion: 64 Resp: 41913
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 23.135 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

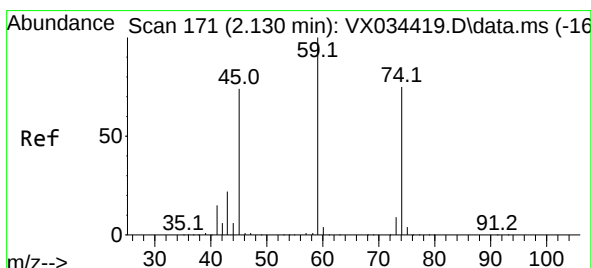
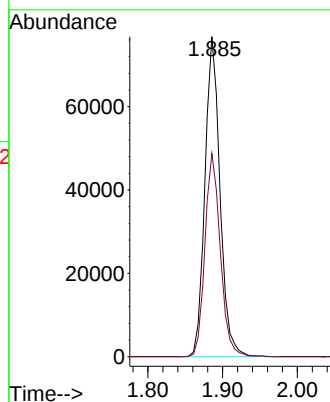
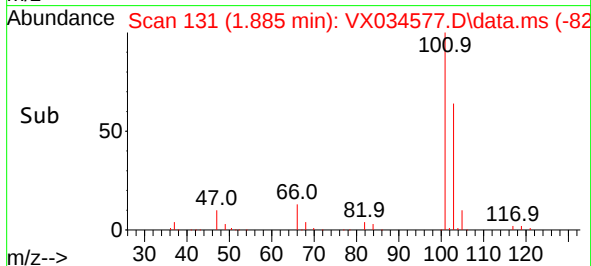
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Tgt Ion:101 Resp: 107540
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

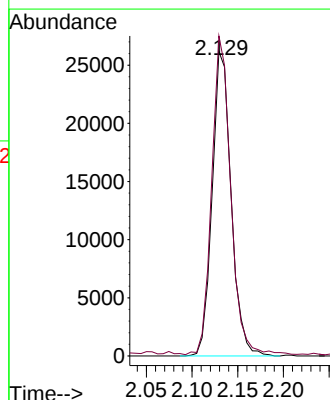
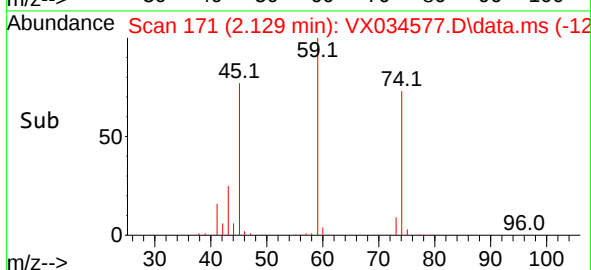
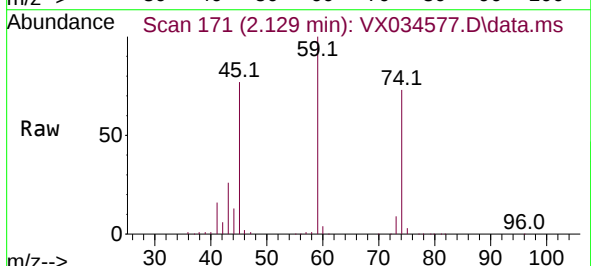
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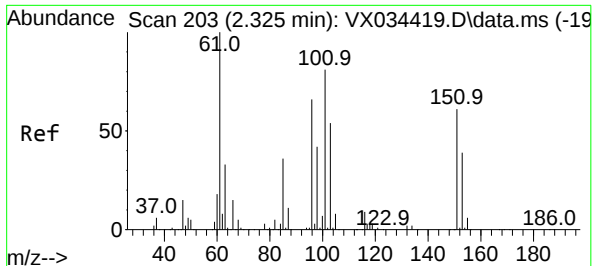
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#8
Diethyl Ether
Concen: 22.235 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion: 74 Resp: 37730
Ion Ratio Lower Upper
74 100
45 104.5 49.8 149.3





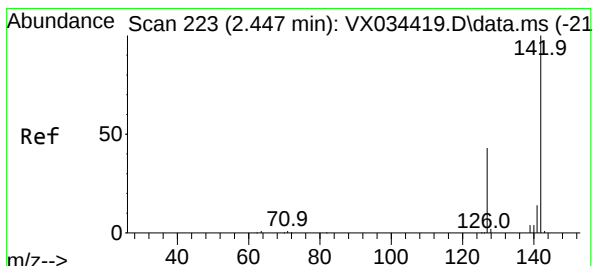
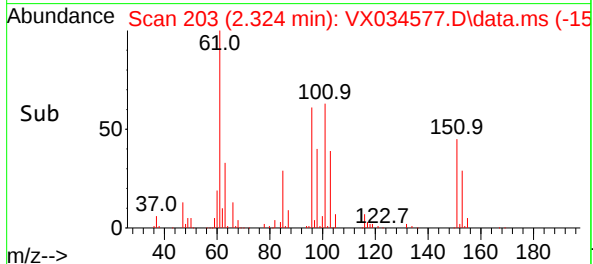
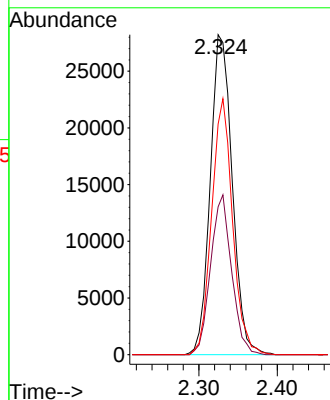
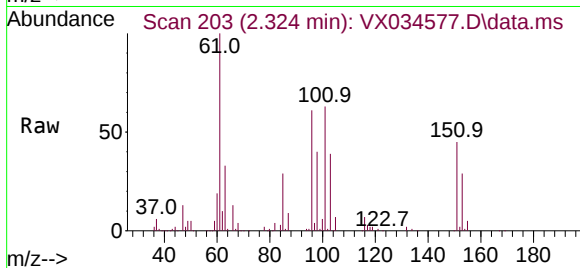
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.324 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tgt Ion:101 Resp: 55059
Ion Ratio Lower Upper
101 100
85 47.6 35.4 53.2
151 76.2 60.2 90.4

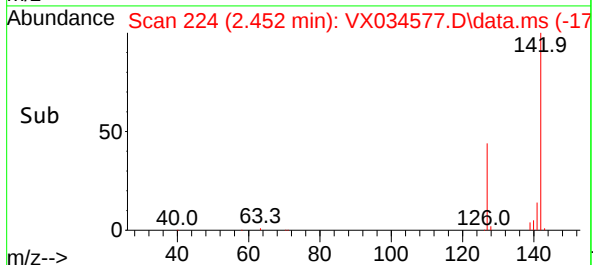
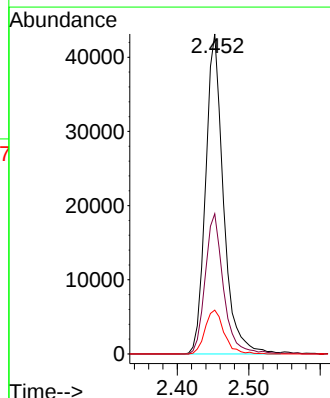
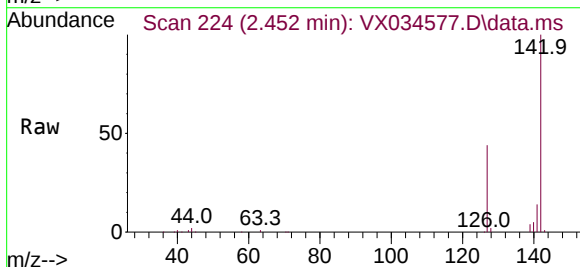
Manual Integrations
APPROVED

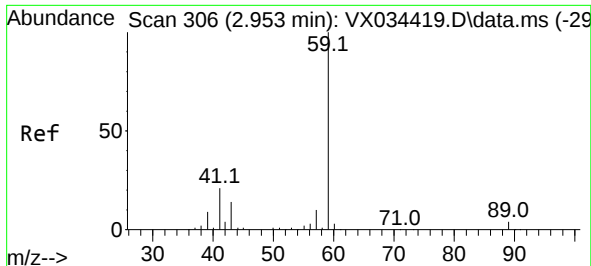
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 21.061 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

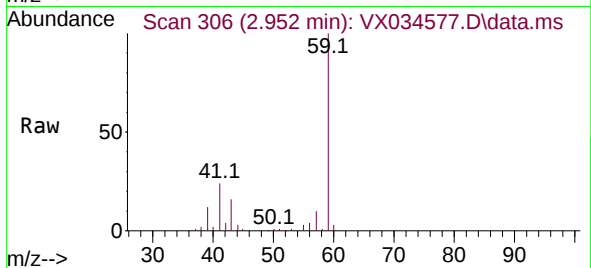
Tgt Ion:142 Resp: 74906
Ion Ratio Lower Upper
142 100
127 44.9 34.0 51.0
141 14.6 11.1 16.7





#11
Tert butyl alcohol
Concen: 96.825 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

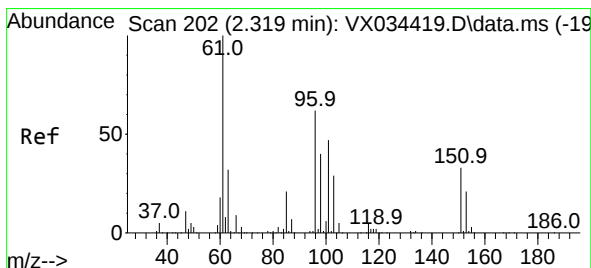
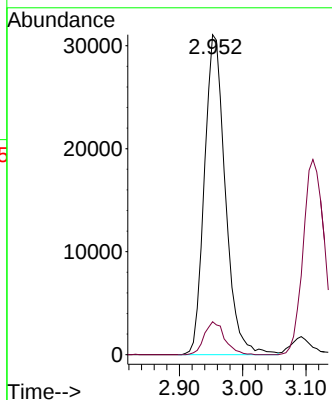
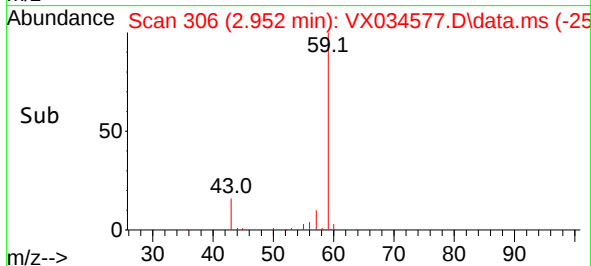
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



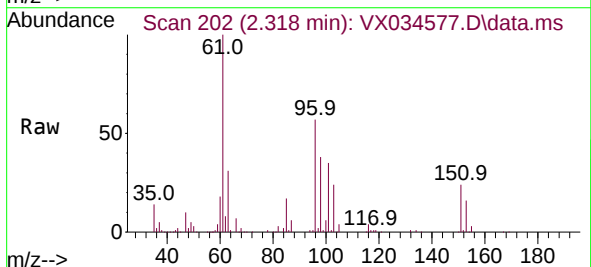
Tgt Ion: 59 Resp: 71488
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

Manual Integrations
APPROVED

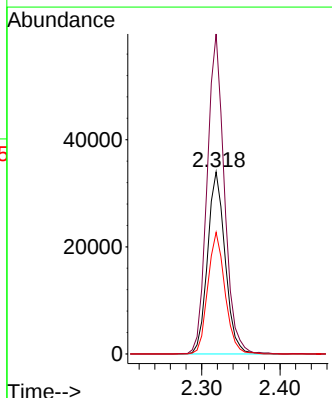
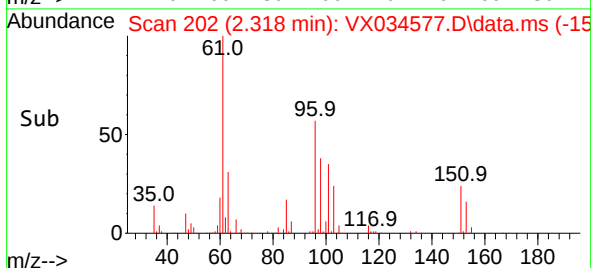
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

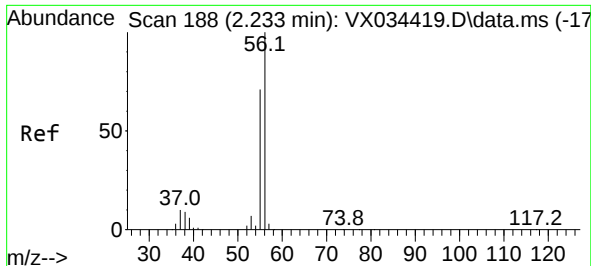


#12
1,1-Dichloroethene
Concen: 19.802 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19



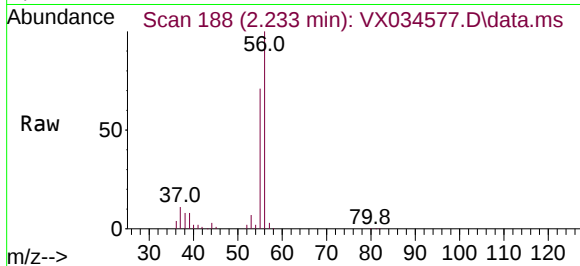
Tgt Ion: 96 Resp: 52830
Ion Ratio Lower Upper
96 100
61 175.6 128.8 193.2
98 66.8 51.4 77.0





#13
Acrolein
Concen: 99.683 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

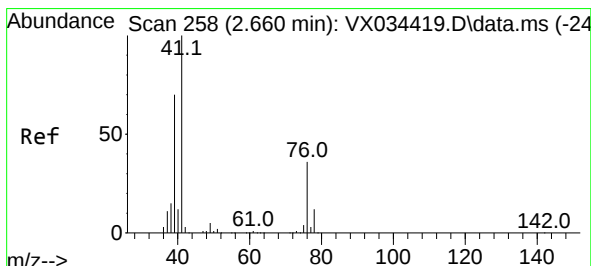
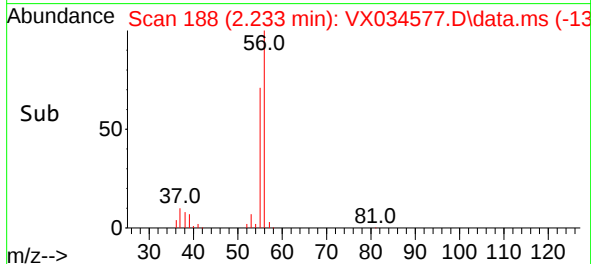
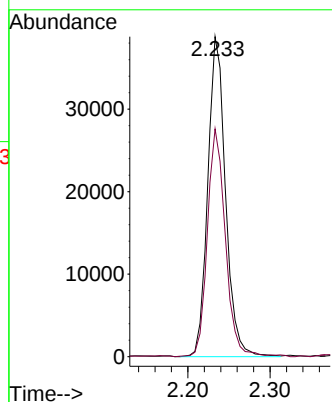
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



Tgt Ion: 56 Resp: 5822
Ion Ratio Lower Upper
56 100
55 72.2 56.6 85.0

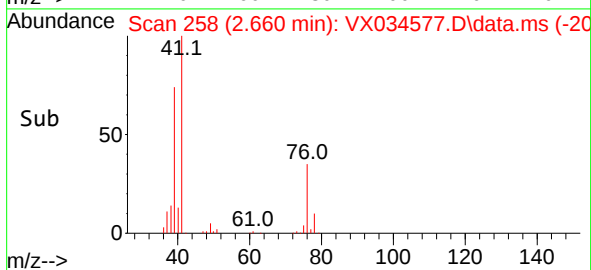
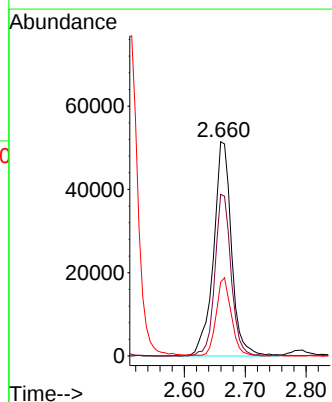
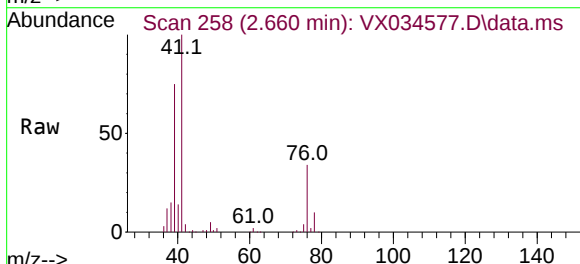
Manual Integrations
APPROVED

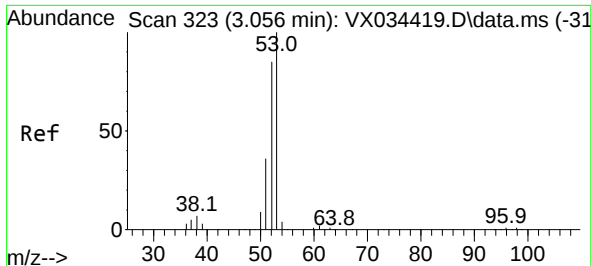
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 19.550 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion: 41 Resp: 105744
Ion Ratio Lower Upper
41 100
39 67.8 52.4 78.6
76 30.5 26.0 39.0





#15

Acrylonitrile

Concen: 109.332 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

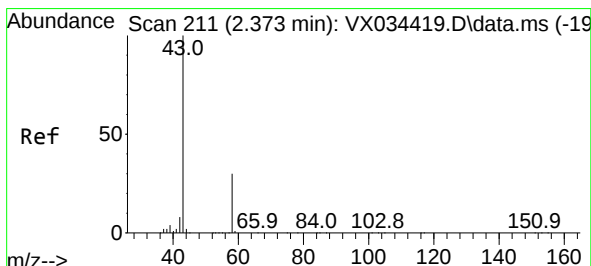
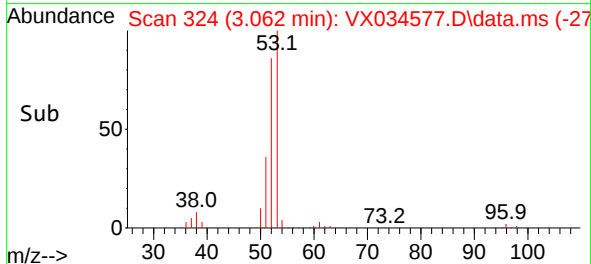
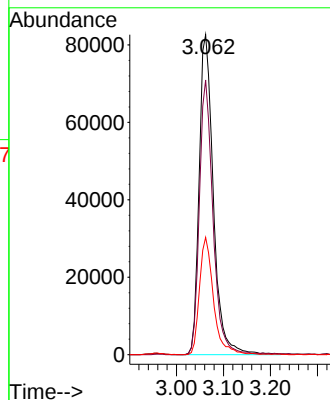
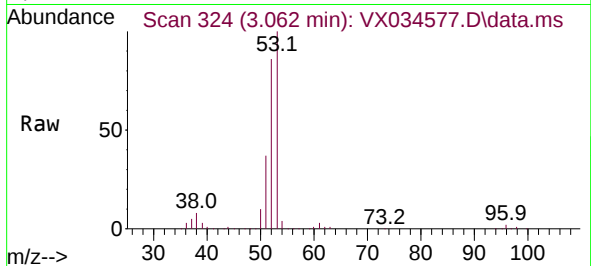
Tgt Ion: 53	Resp: 174374
Ion Ratio	Lower Upper
53 100	
52 82.3	66.2 99.2
51 36.2	28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#16

Acetone

Concen: 88.236 ug/l

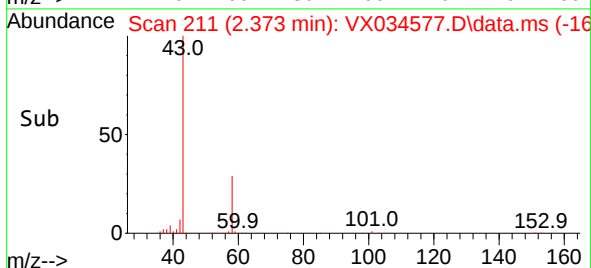
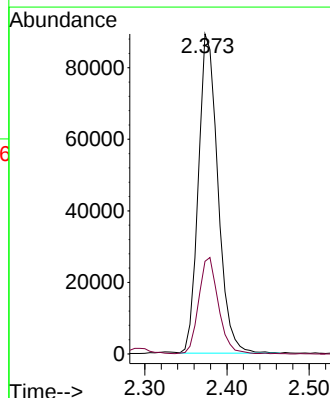
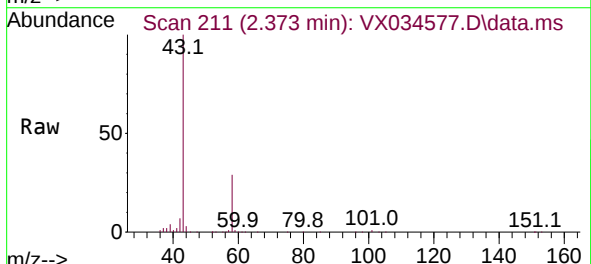
RT: 2.373 min Scan# 211

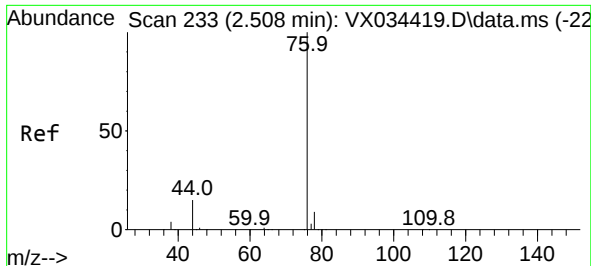
Delta R.T. -0.000 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Tgt Ion: 43	Resp: 147363
Ion Ratio	Lower Upper
43 100	
58 28.9	24.7 37.1





#17

Carbon Disulfide

Concen: 17.566 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.005 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 76 Resp: 131892

Ion Ratio Lower Upper

76 100

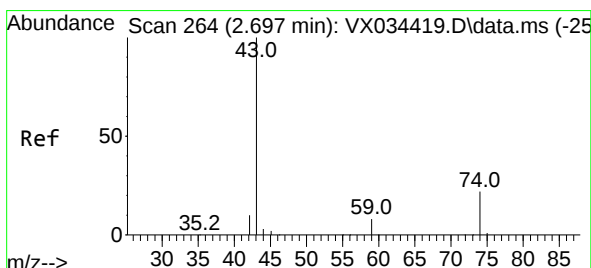
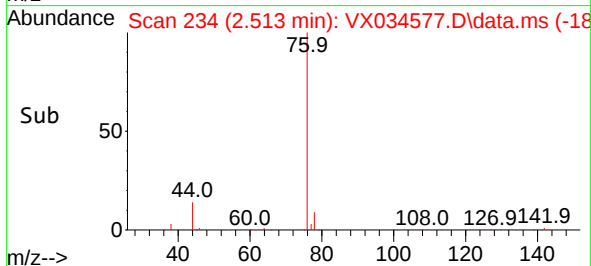
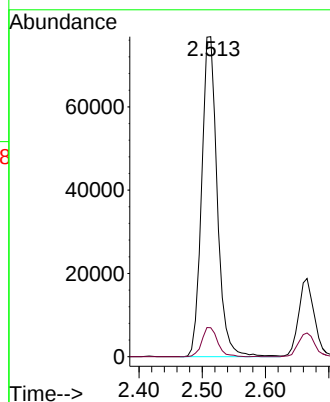
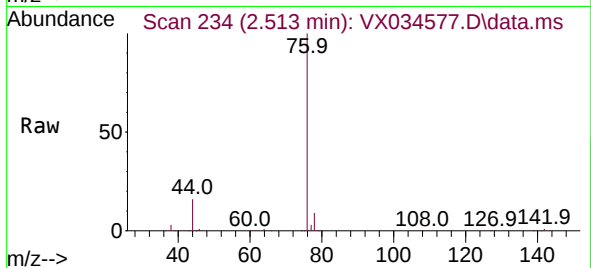
78 9.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#18

Methyl Acetate

Concen: 22.833 ug/l

RT: 2.702 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034577.D

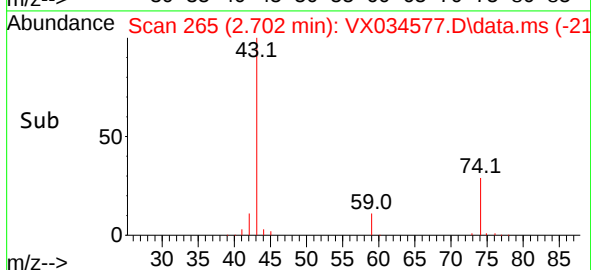
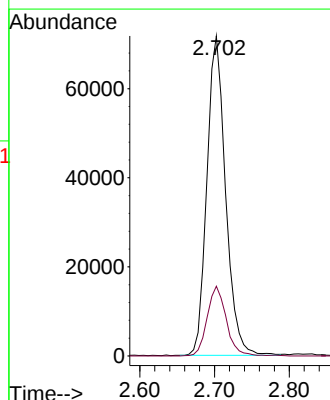
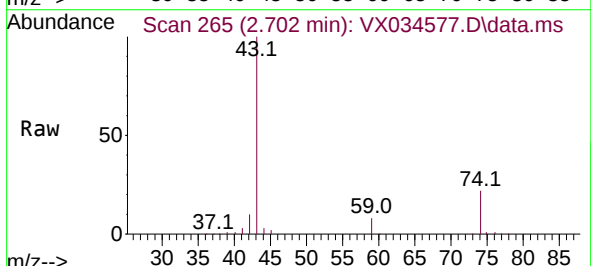
Acq: 17 Mar 2023 12:19

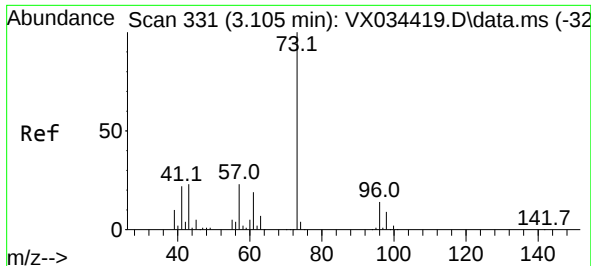
Tgt Ion: 43 Resp: 124603

Ion Ratio Lower Upper

43 100

74 22.3 18.3 27.5





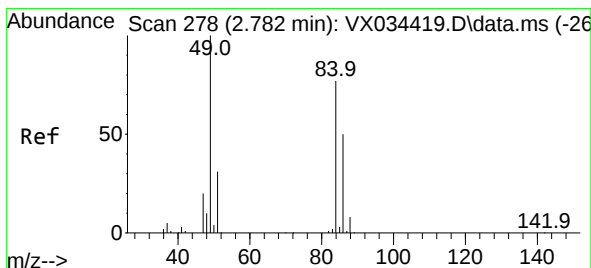
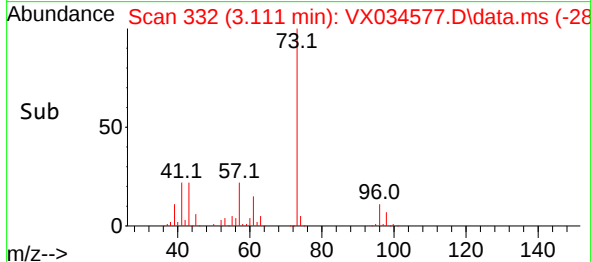
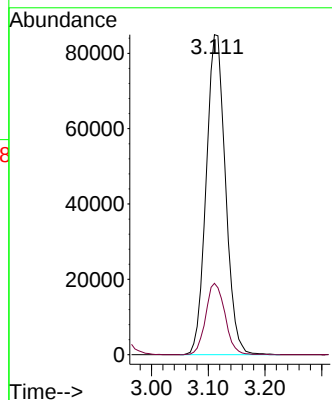
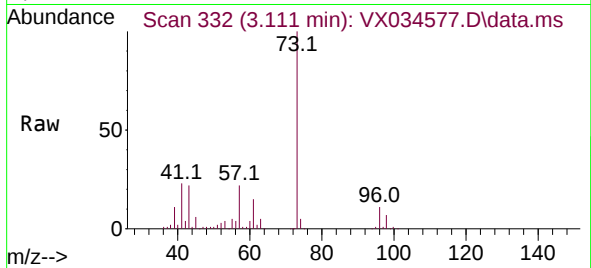
#19
Methyl tert-butyl Ether
Concen: 20.974 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tgt Ion: 73 Resp: 20035
Ion Ratio Lower Upper
73 100
57 22.3 18.5 27.7

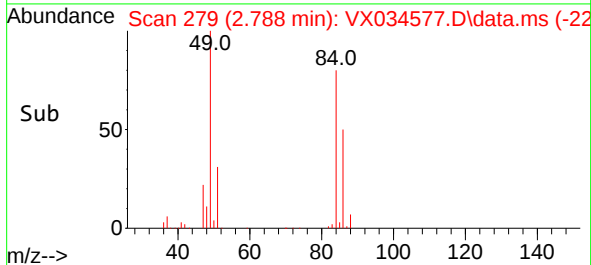
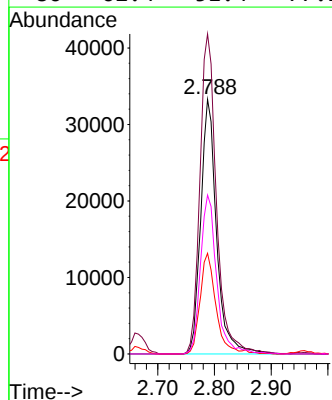
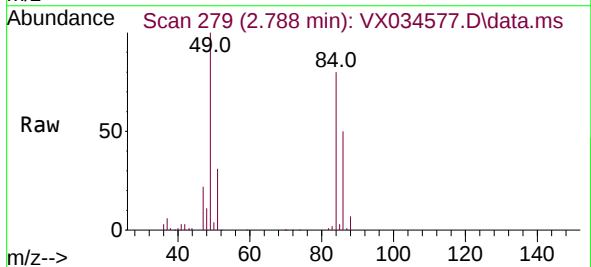
Manual Integrations
APPROVED

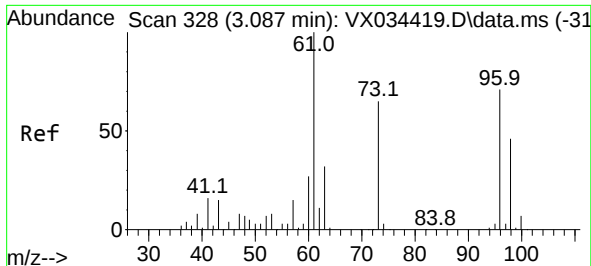
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#20
Methylene Chloride
Concen: 20.013 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

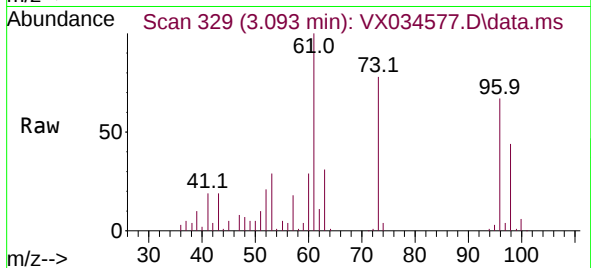
Tgt Ion: 84 Resp: 64868
Ion Ratio Lower Upper
84 100
49 125.7 103.8 155.8
51 39.5 31.8 47.8
86 62.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 20.277 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

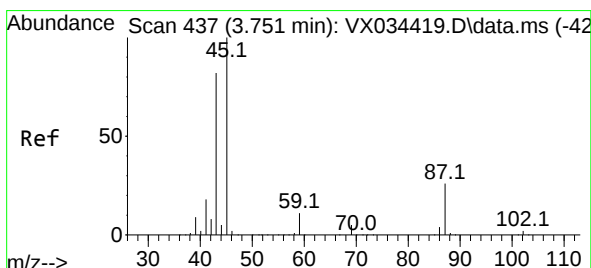
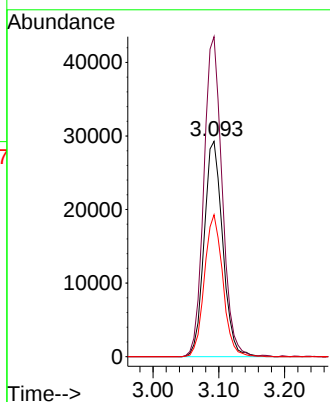
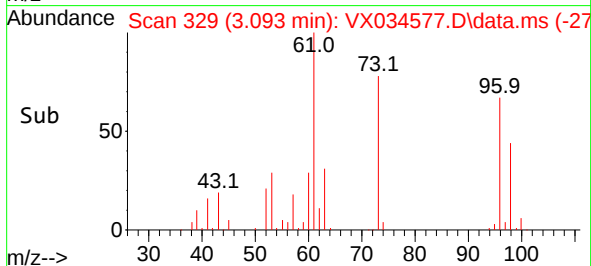
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



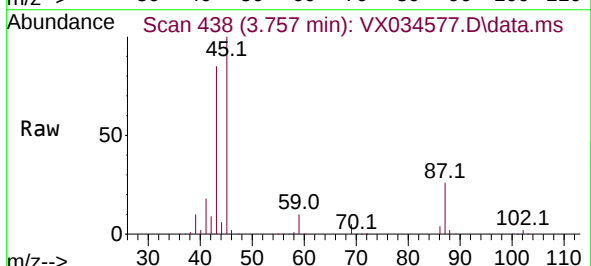
Tgt Ion: 96 Resp: 57452
Ion Ratio Lower Upper
96 100
61 148.6 113.0 169.6
98 65.9 52.1 78.1

Manual Integrations
APPROVED

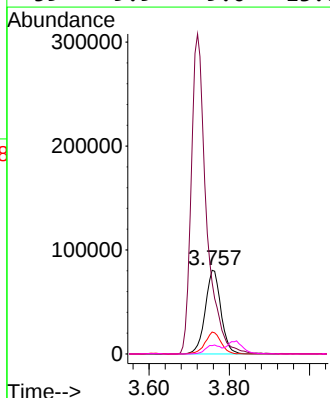
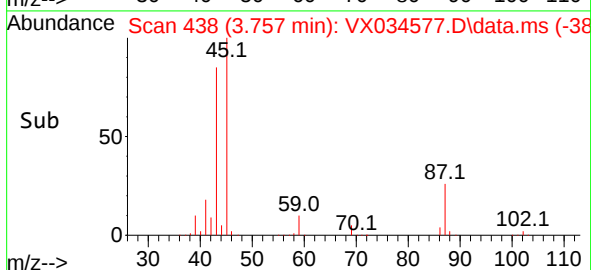
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

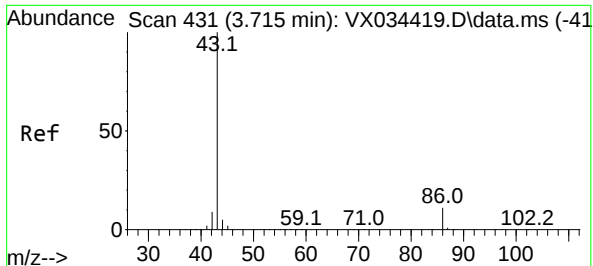


#22
Diisopropyl ether
Concen: 21.174 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19



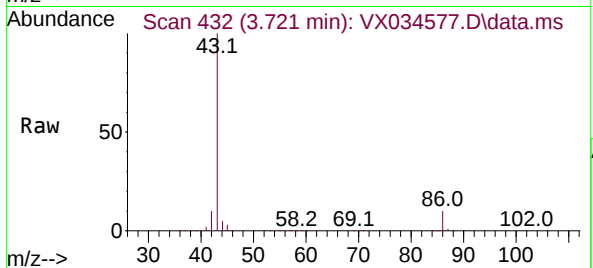
Tgt Ion: 45 Resp: 218359
Ion Ratio Lower Upper
45 100
43 85.1 65.4 98.2
87 26.1 20.6 31.0
59 9.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 103.540 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034577.D
 Acq: 17 Mar 2023 12:19

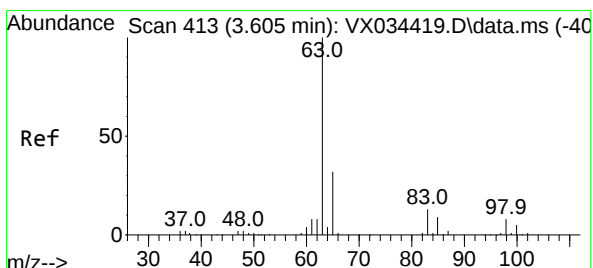
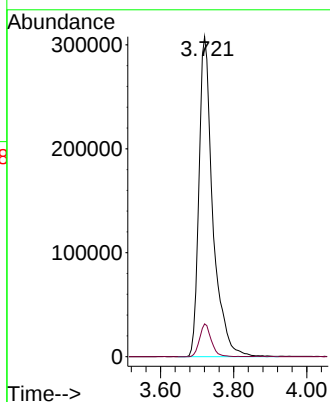
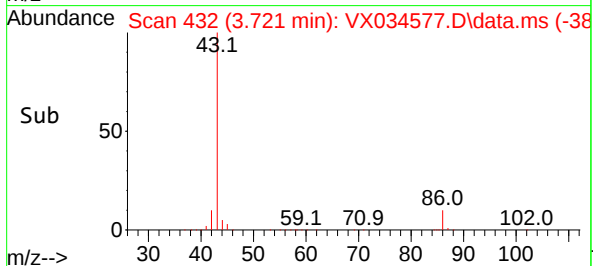
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01



Tgt Ion: 43 Resp: 81264
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

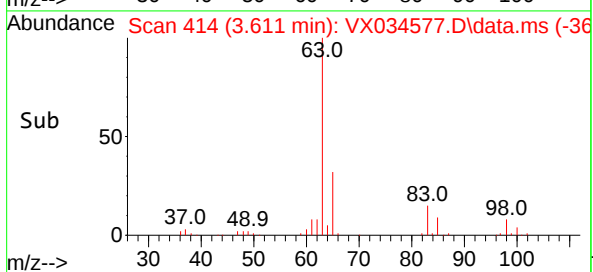
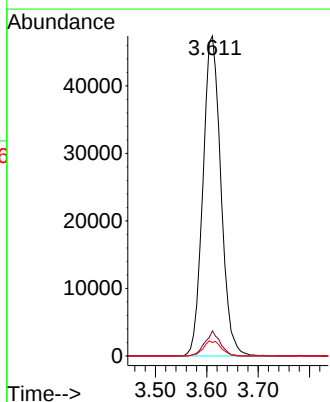
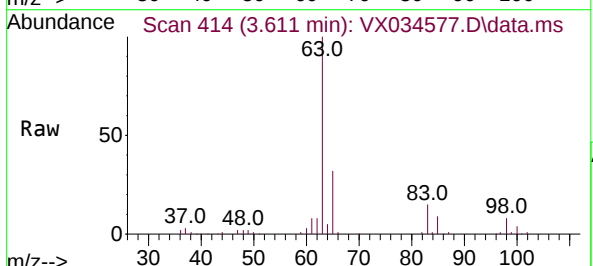
Manual Integrations
 APPROVED

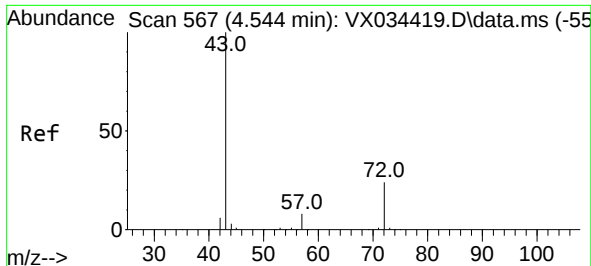
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 20.742 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034577.D
 Acq: 17 Mar 2023 12:19

Tgt Ion: 63 Resp: 114988
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 4.2 2.4 7.1





#25

2-Butanone

Concen: 104.073 ug/l

RT: 4.556 min Scan# 50

Delta R.T. 0.012 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 43 Resp: 24870

Ion Ratio Lower Upper

43 100

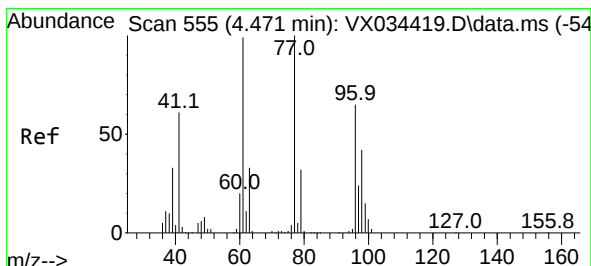
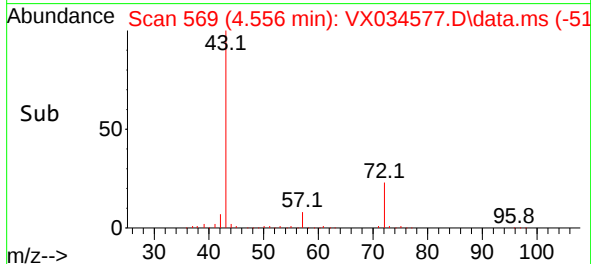
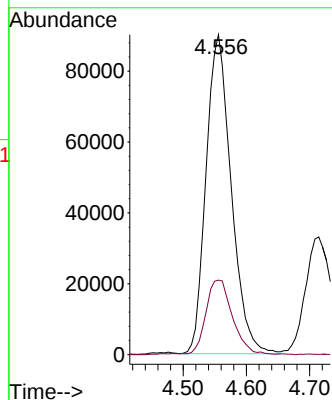
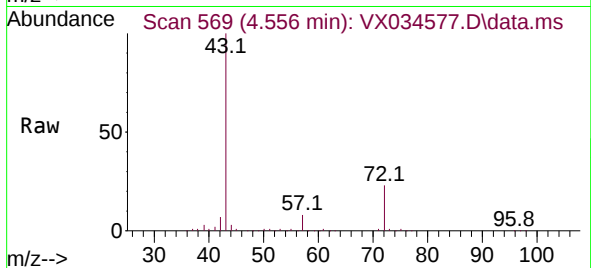
72 23.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#26

2,2-Dichloropropane

Concen: 19.638 ug/l

RT: 4.476 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX034577.D

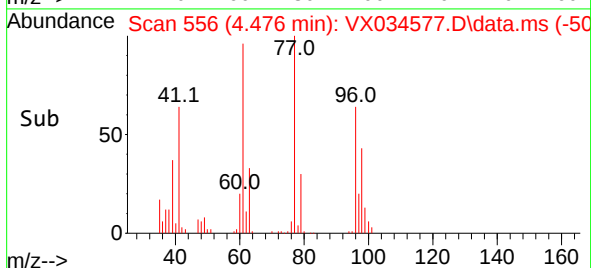
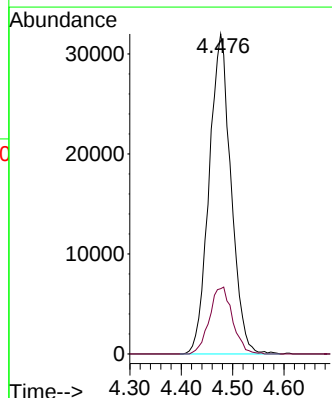
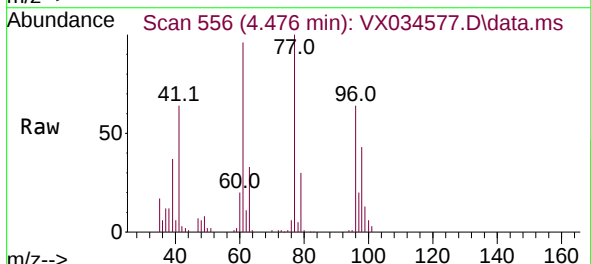
Acq: 17 Mar 2023 12:19

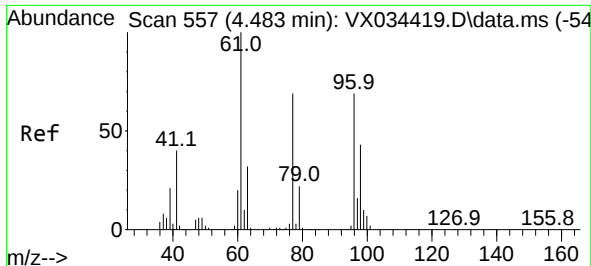
Tgt Ion: 77 Resp: 94630

Ion Ratio Lower Upper

77 100

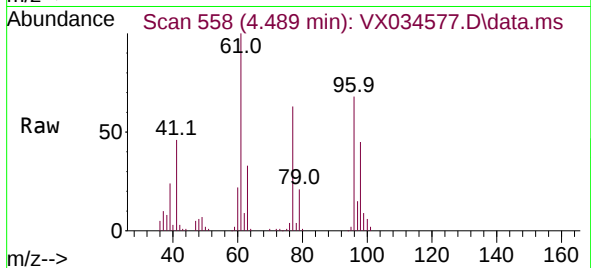
97 22.0 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.373 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX034577.D
 Acq: 17 Mar 2023 12:19

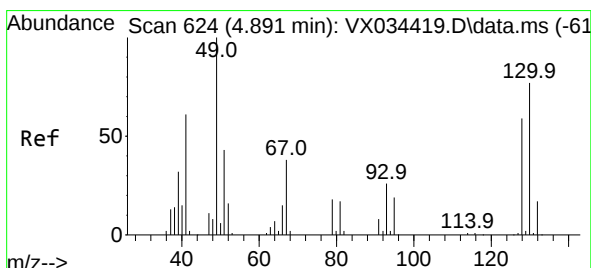
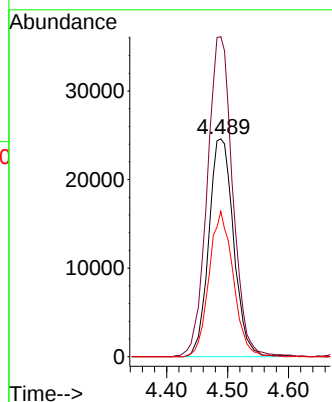
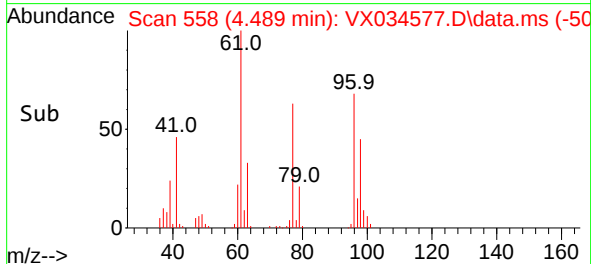
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01



Tgt Ion: 96 Resp: 6948
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 300.4
 98 65.0 0.0 129.0

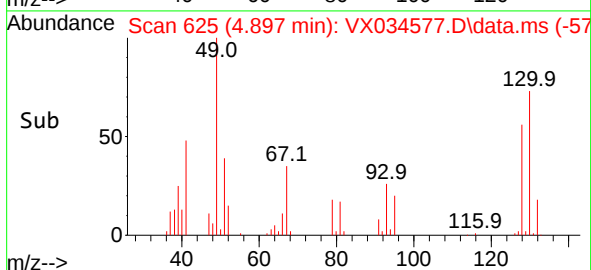
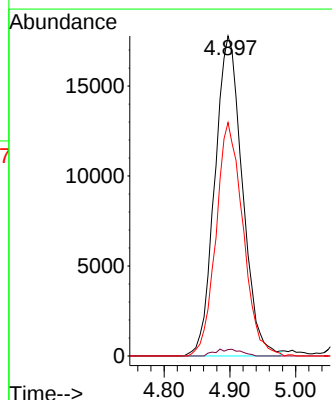
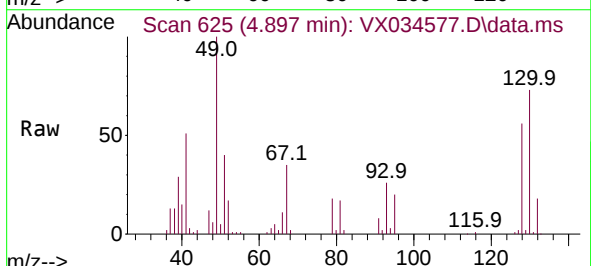
Manual Integrations
 APPROVED

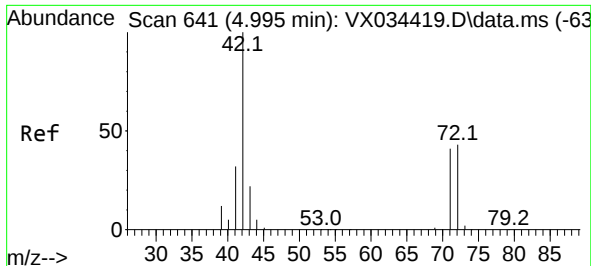
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#28
 Bromochloromethane
 Concen: 20.097 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX034577.D
 Acq: 17 Mar 2023 12:19

Tgt Ion: 49 Resp: 51802
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 71.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 109.812 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 42 Resp: 161920

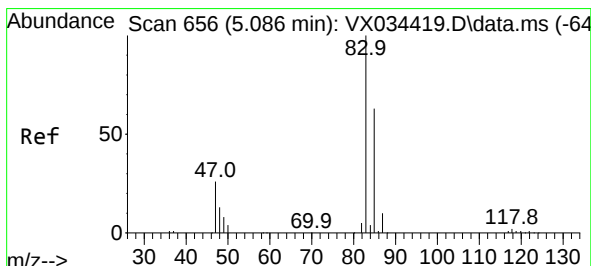
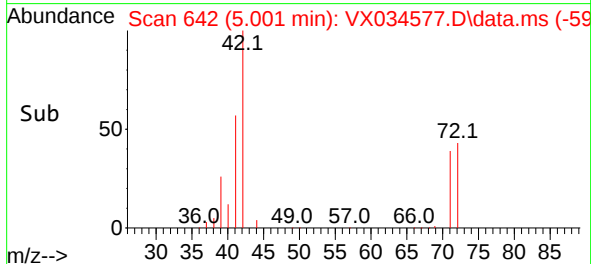
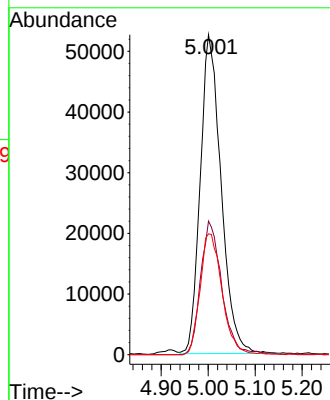
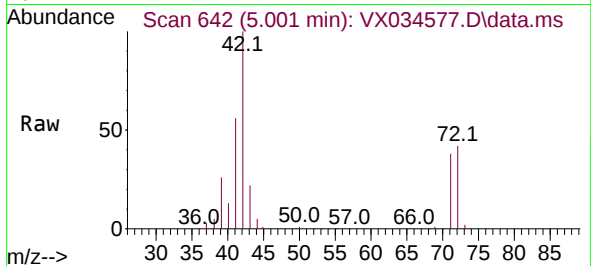
Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.5	51.7
71	40.0	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 21.374 ug/l

RT: 5.092 min Scan# 657

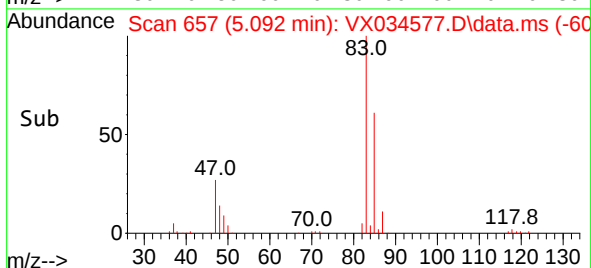
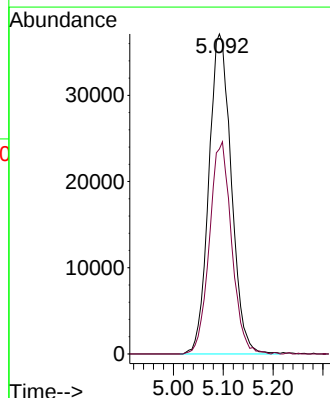
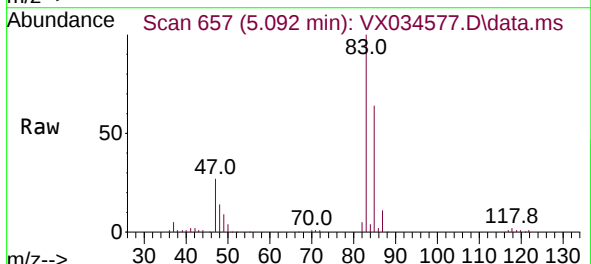
Delta R.T. 0.006 min

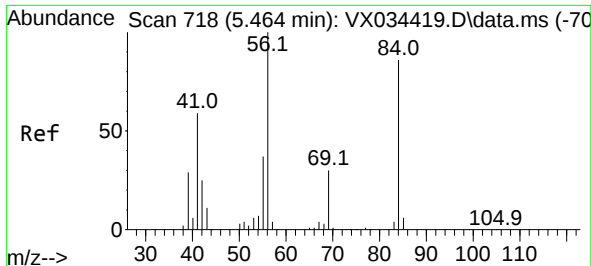
Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Tgt Ion: 83 Resp: 116148

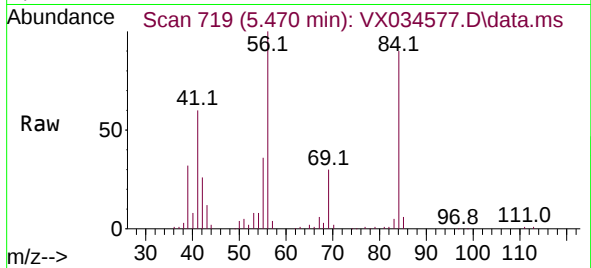
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.6	76.0





#31
Cyclohexane
Concen: 20.847 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

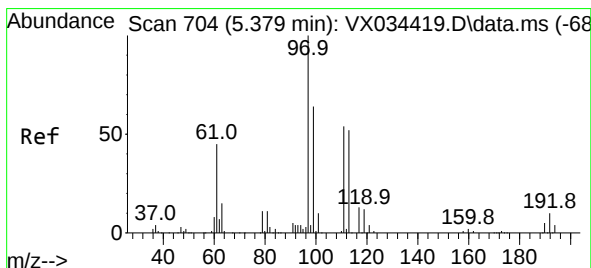
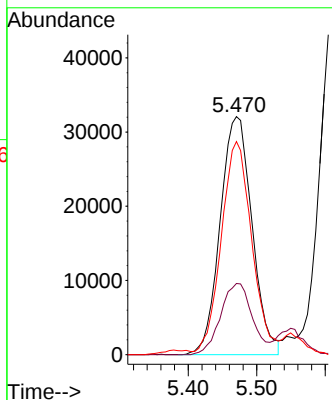
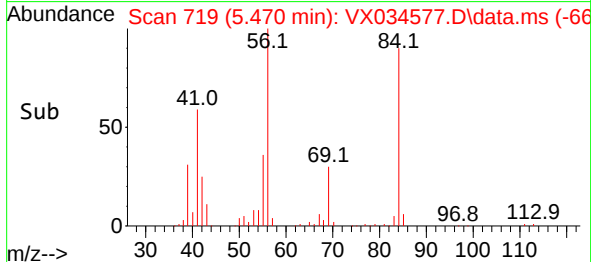
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



Tgt Ion: 56 Resp: 103660
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 87.9 68.5 102.7

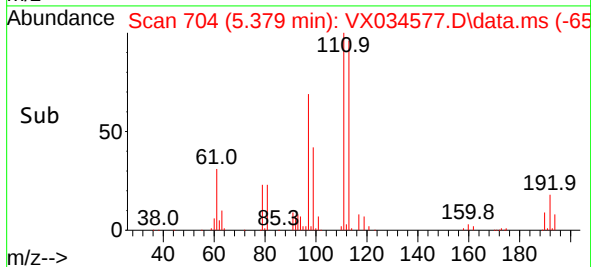
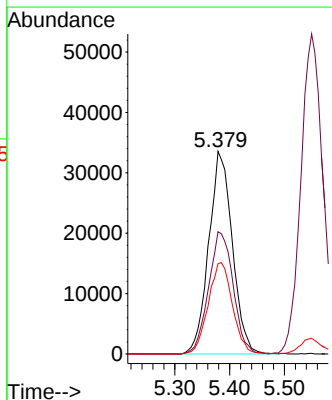
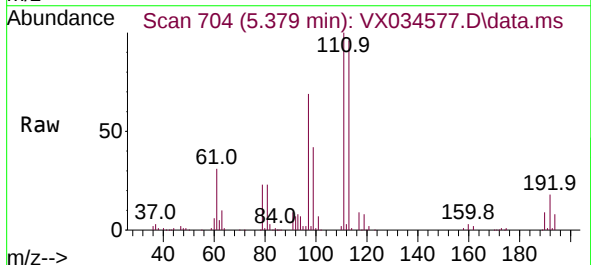
Manual Integrations
APPROVED

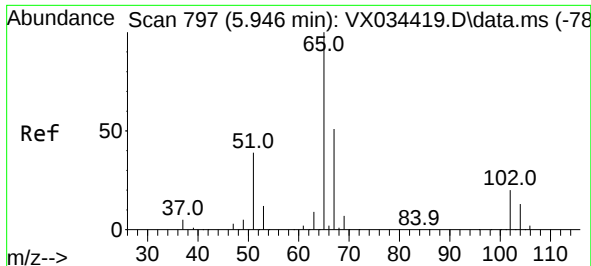
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#32
1,1,1-Trichloroethane
Concen: 20.844 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion: 97 Resp: 100271
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 46.2 36.5 54.7





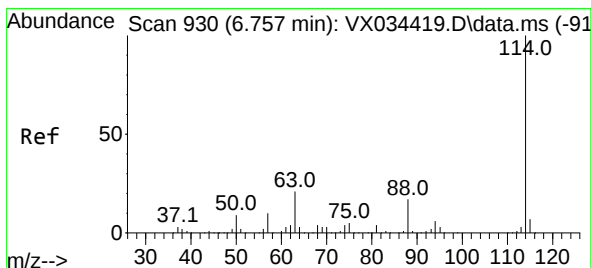
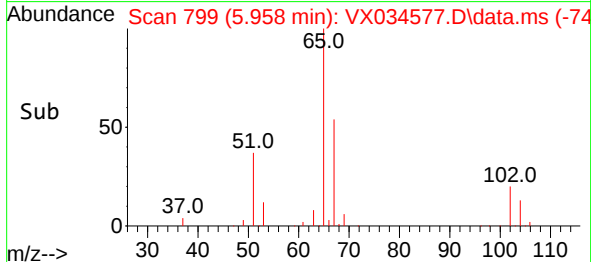
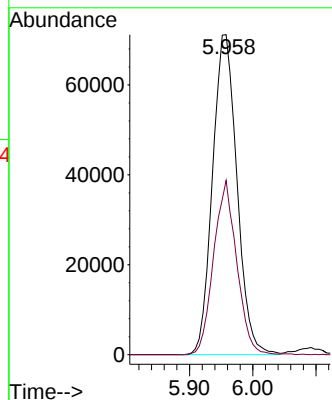
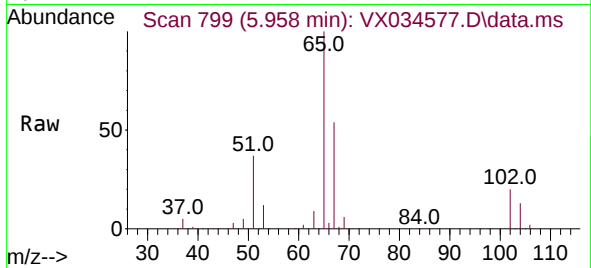
#33
1,2-Dichloroethane-d4
Concen: 54.003 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
Client Sample Id :
VX0317WBS01

Tgt Ion: 65 Resp: 19146
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

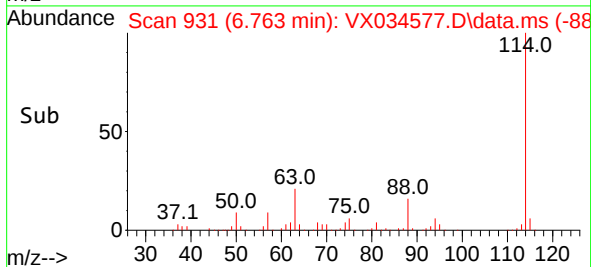
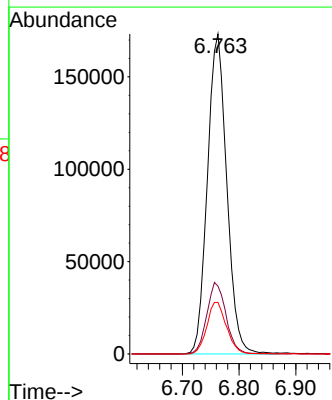
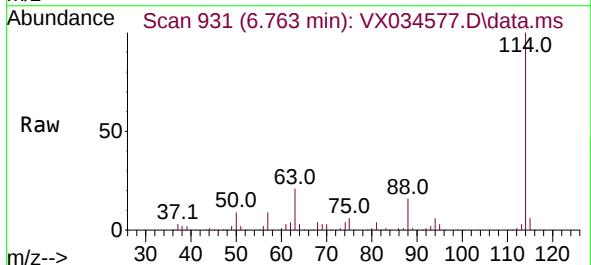
Manual Integrations
APPROVED

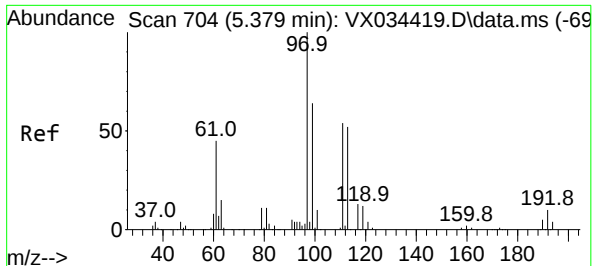
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

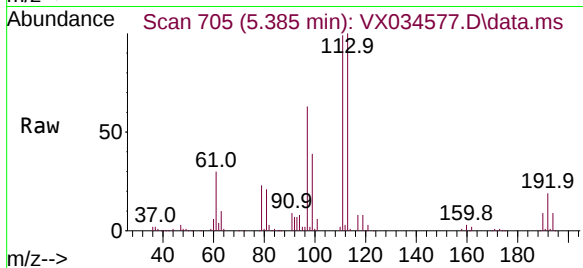
Tgt Ion:114 Resp: 410742
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.2
88 16.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 53.483 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

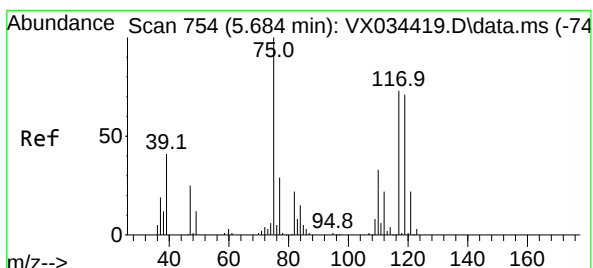
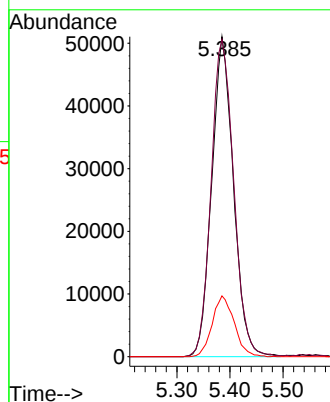
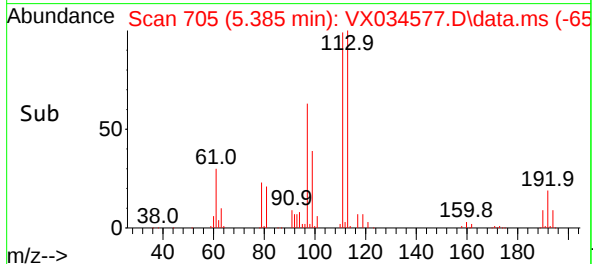
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



Tgt Ion:113 Resp: 14504
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 19.3 15.4 23.2

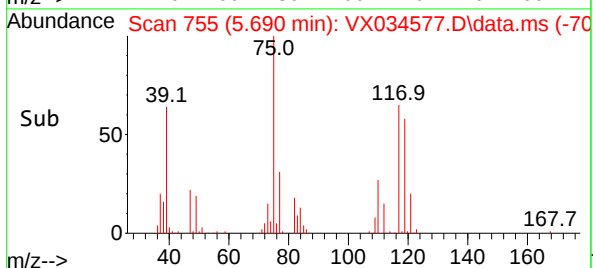
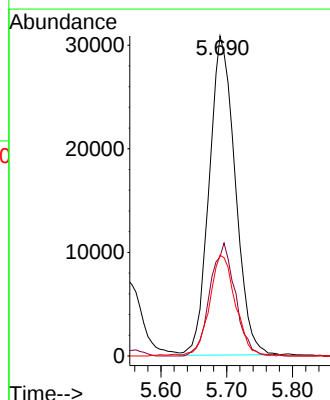
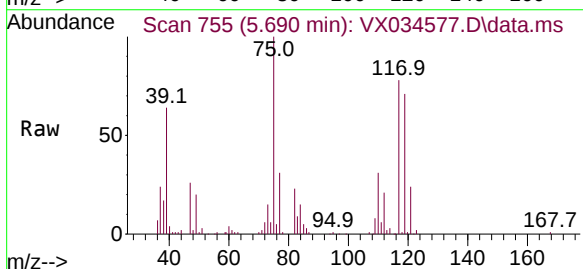
Manual Integrations
APPROVED

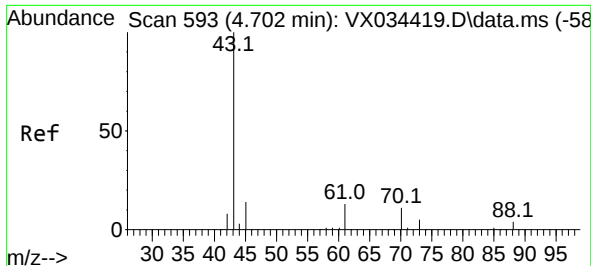
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#36
1,1-Dichloropropene
Concen: 20.303 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion: 75 Resp: 84569
Ion Ratio Lower Upper
75 100
110 34.4 17.5 52.5
77 31.9 24.3 36.5





#37

Ethyl Acetate

Concen: 21.830 ug/l

RT: 4.714 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

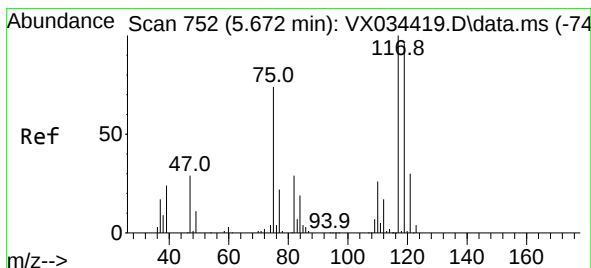
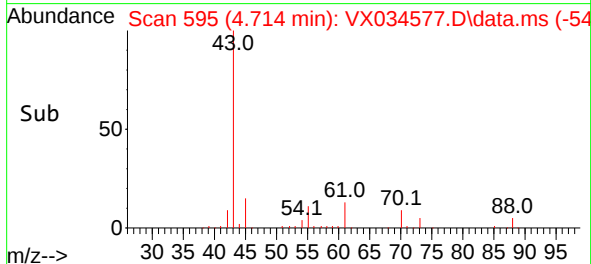
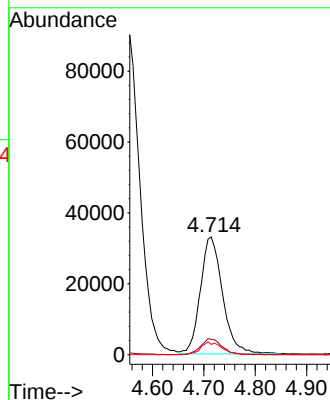
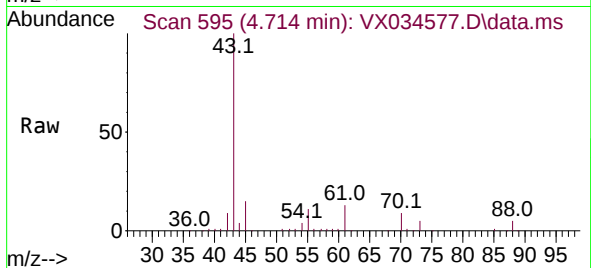
Tgt Ion: 43	Resp: 99330
Ion Ratio	Lower Upper
43 100	
61 13.4	10.2 15.4
70 10.2	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#38

Carbon Tetrachloride

Concen: 19.801 ug/l

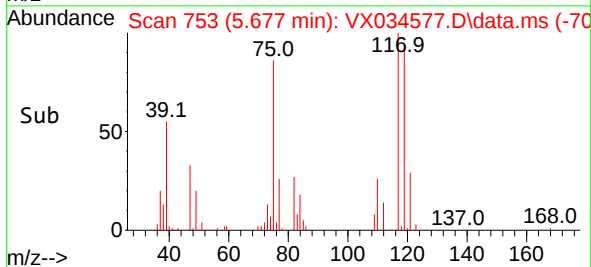
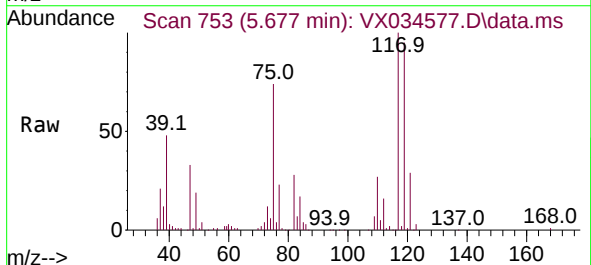
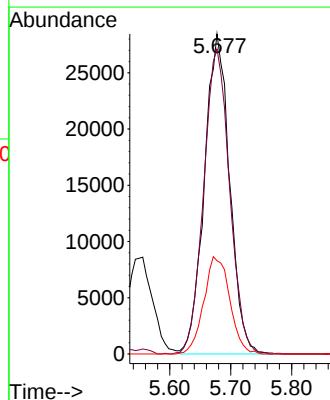
RT: 5.677 min Scan# 753

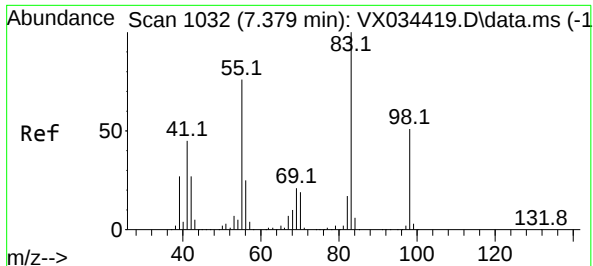
Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Tgt Ion:117	Resp: 82049
Ion Ratio	Lower Upper
117 100	
119 95.2	76.6 114.8
121 29.2	23.8 35.6





#39

Methylcyclohexane

Concen: 20.300 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 83 Resp: 101189

Ion Ratio Lower Upper

83 100

55 77.9 60.5 90.7

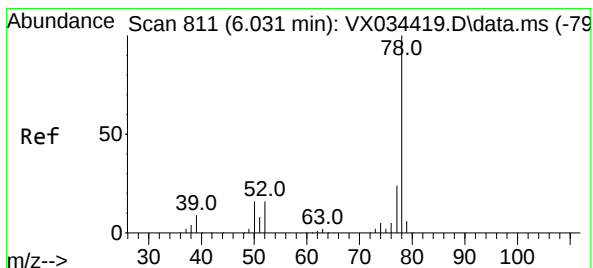
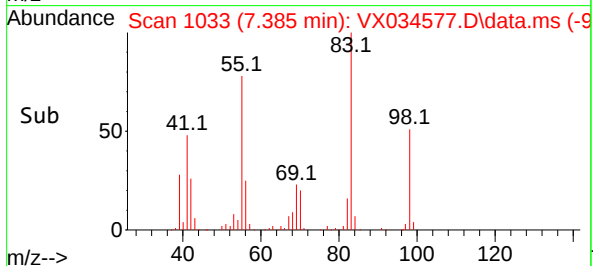
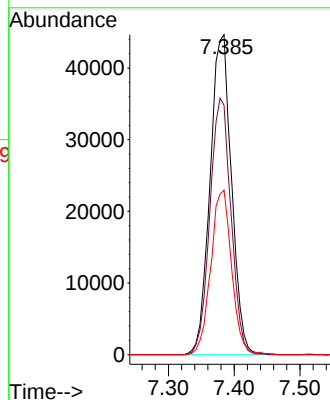
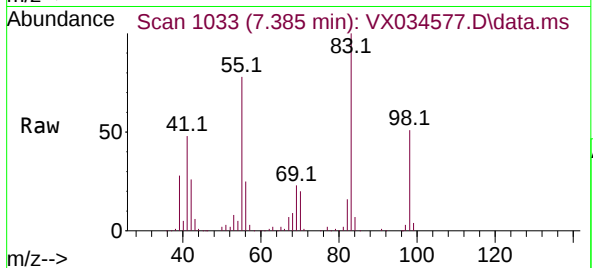
98 51.4 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 20.650 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034577.D

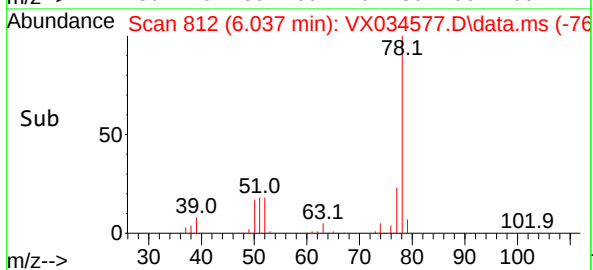
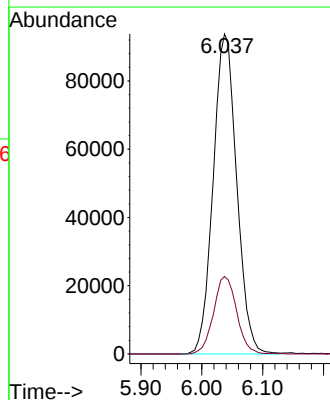
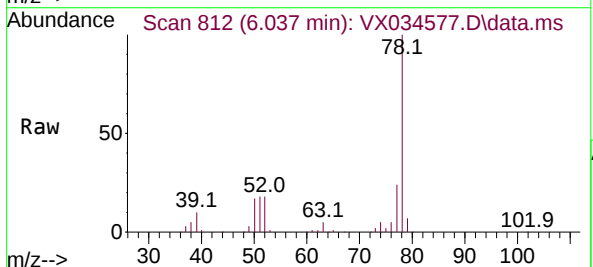
Acq: 17 Mar 2023 12:19

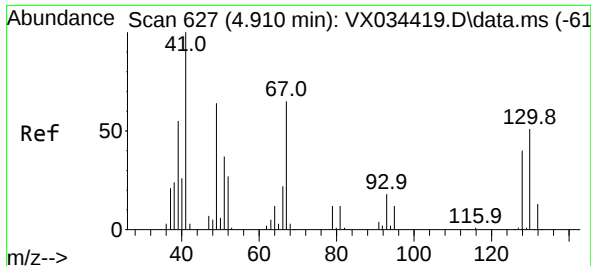
Tgt Ion: 78 Resp: 251625

Ion Ratio Lower Upper

78 100

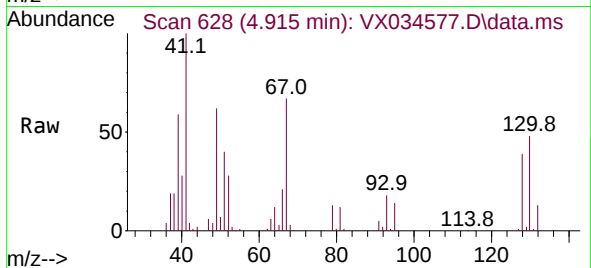
77 24.2 19.0 28.4





#41
Methacrylonitrile
Concen: 21.124 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

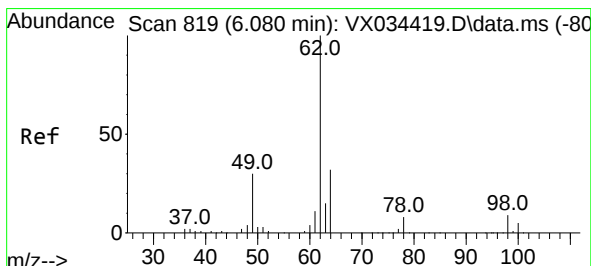
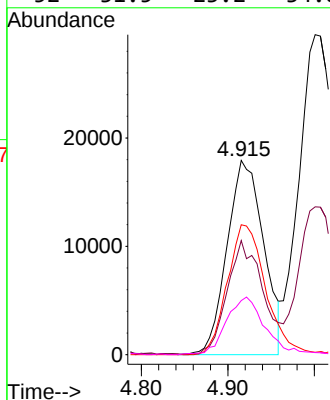
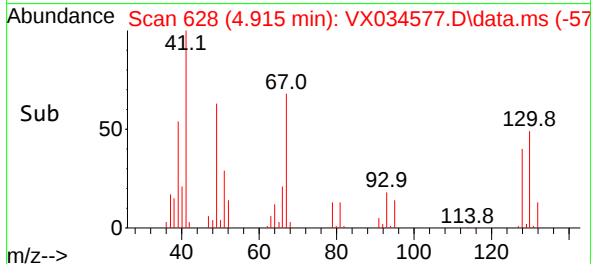
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



Tgt Ion: 41 Resp: 52680
Ion Ratio Lower Upper
41 100
39 58.5 45.0 67.6
67 70.2 55.6 83.4
52 31.5 23.2 34.8

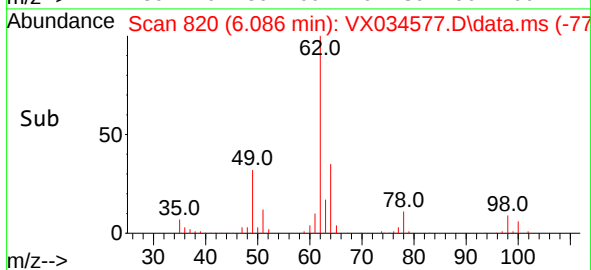
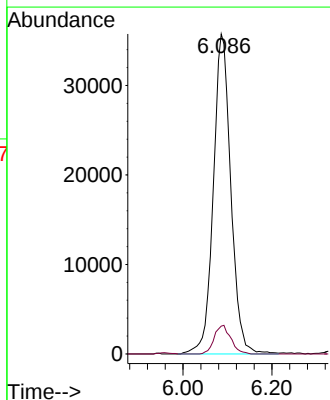
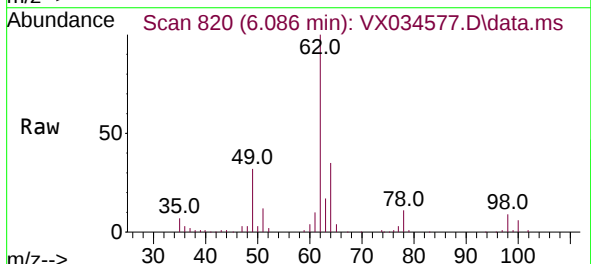
Manual Integrations
APPROVED

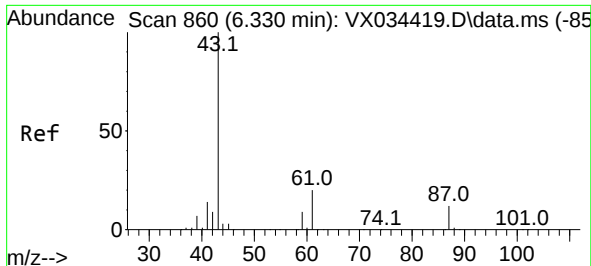
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#42
1,2-Dichloroethane
Concen: 21.814 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion: 62 Resp: 97691
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.0





#43

Isopropyl Acetate

Concen: 20.886 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 43 Resp: 161010

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

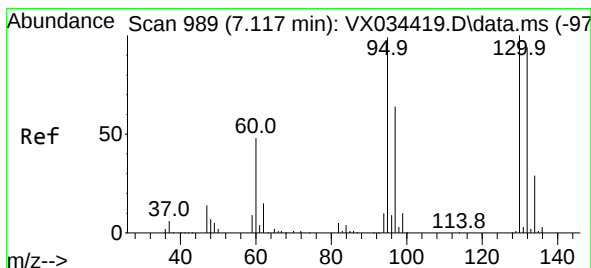
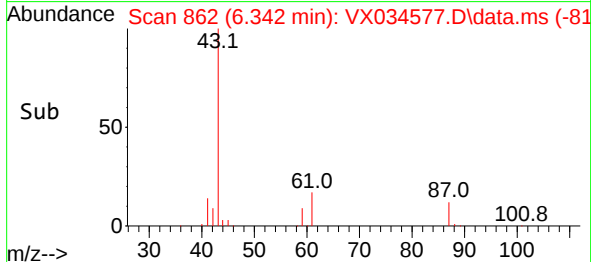
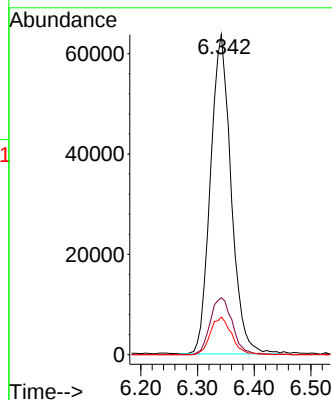
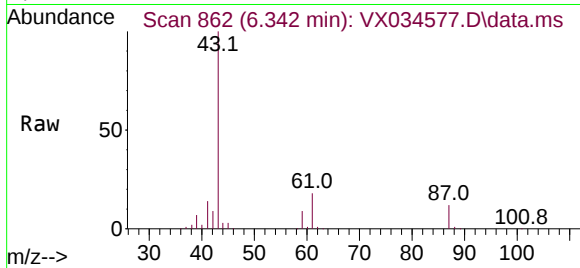
87 12.1 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#44

Trichloroethene

Concen: 20.061 ug/l

RT: 7.122 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034577.D

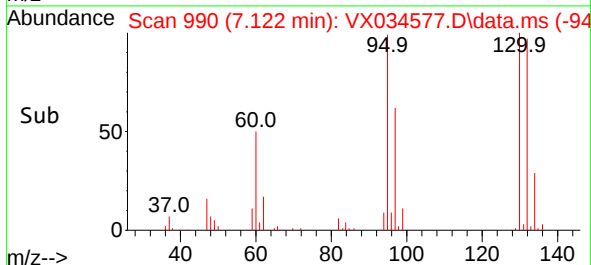
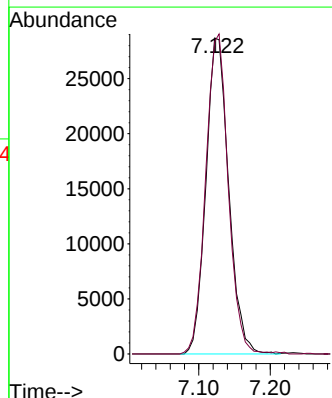
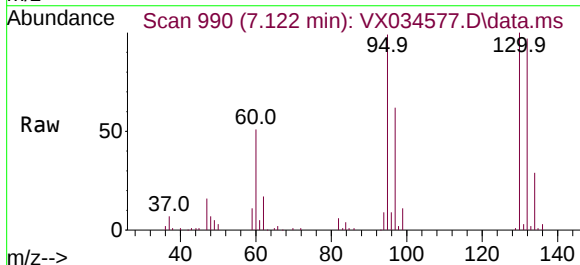
Acq: 17 Mar 2023 12:19

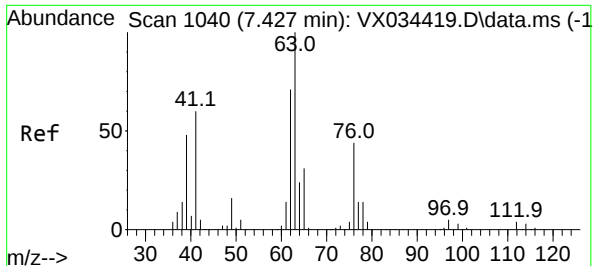
Tgt Ion:130 Resp: 63512

Ion Ratio Lower Upper

130 100

95 98.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.993 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 63 Resp: 6679

Ion Ratio Lower Upper

63 100

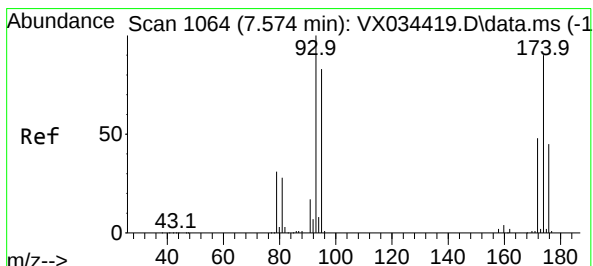
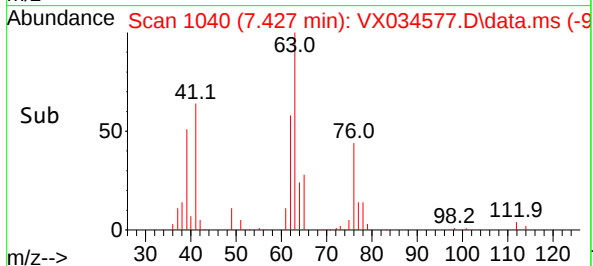
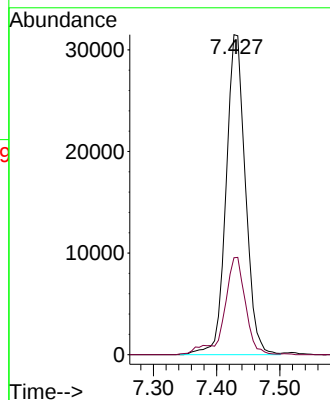
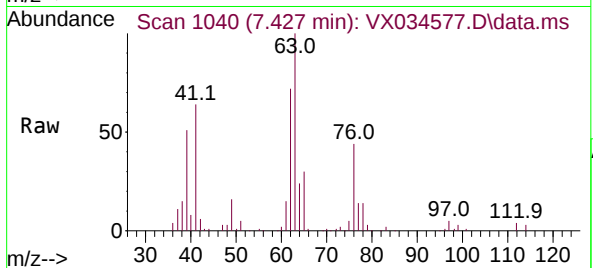
65 30.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 20.824 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

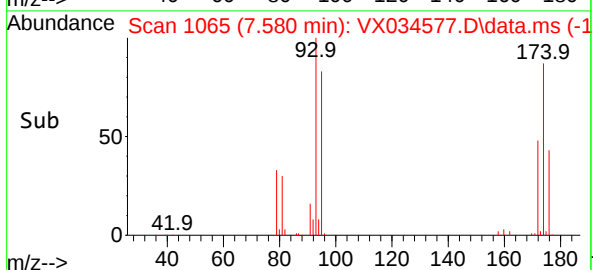
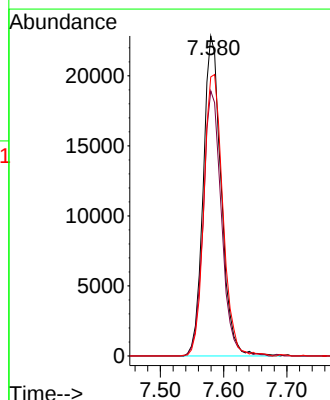
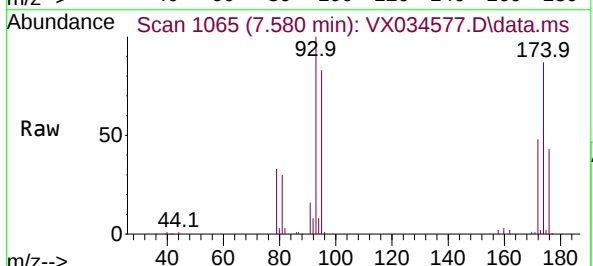
Tgt Ion: 93 Resp: 45042

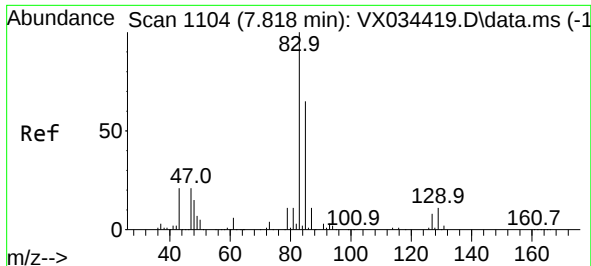
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 92.9 75.4 113.0





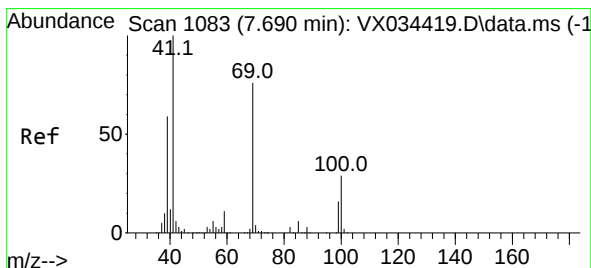
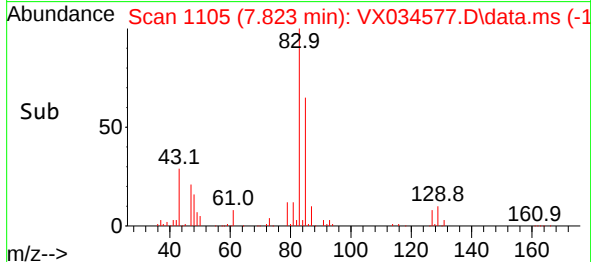
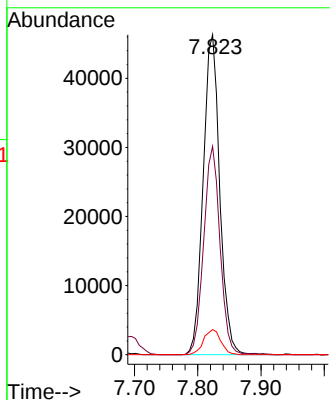
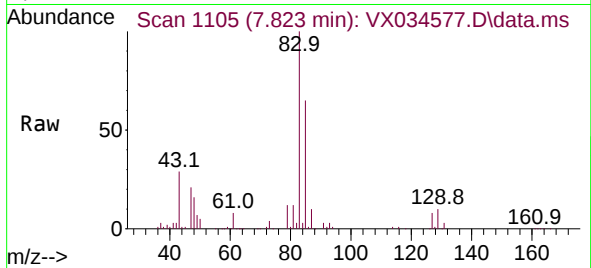
#47
Bromodichloromethane
Concen: 20.189 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tgt Ion: 83 Resp: 84510
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 7.8 6.6 9.8

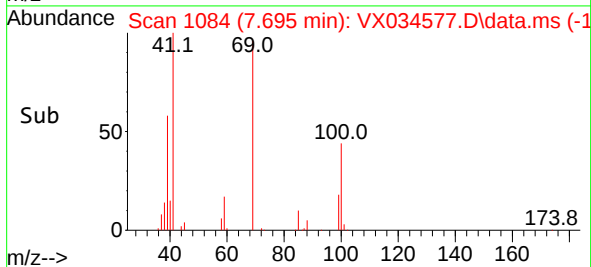
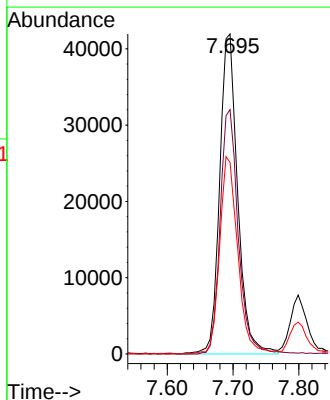
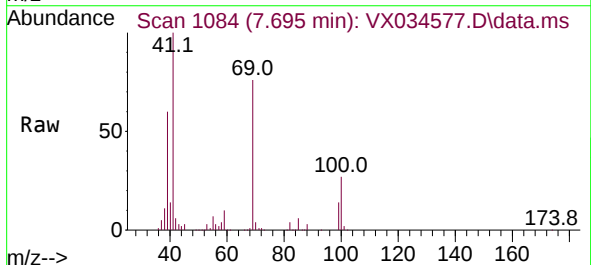
Manual Integrations
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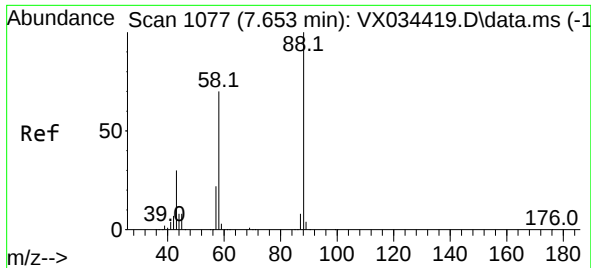
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#48
Methyl methacrylate
Concen: 21.615 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

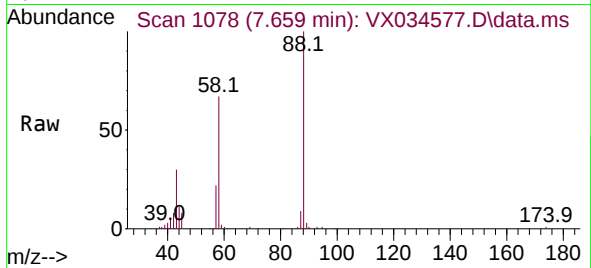
Tgt Ion: 41 Resp: 80137
Ion Ratio Lower Upper
41 100
69 76.8 62.2 93.4
39 62.0 47.7 71.5





#49
1,4-Dioxane
Concen: 420.957 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

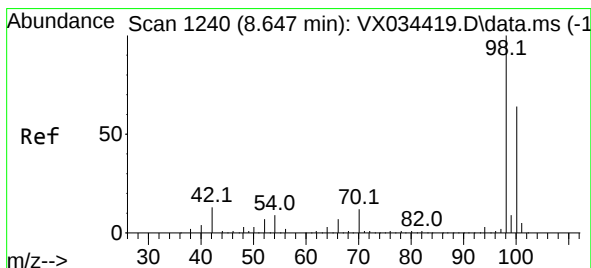
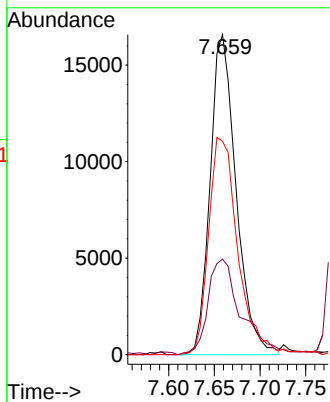
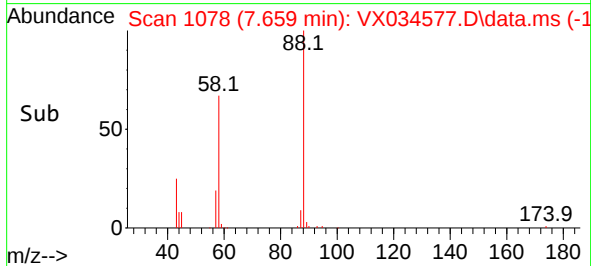
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



Tgt Ion: 88 Resp: 3278
Ion Ratio Lower Upper
88 100
43 38.2 27.7 41.5
58 76.9 56.8 85.2

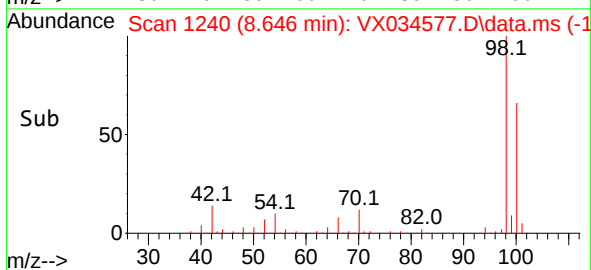
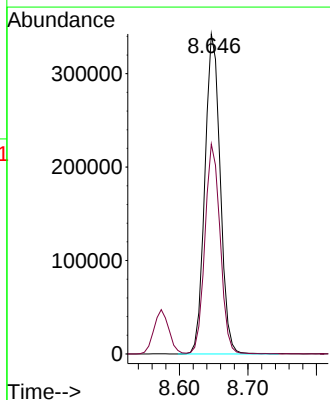
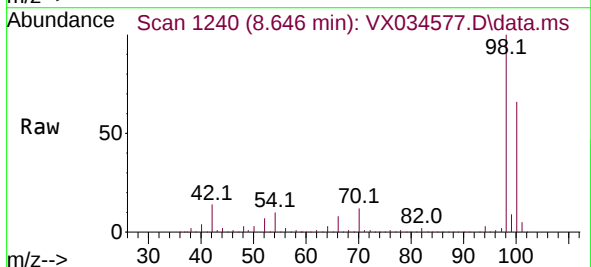
Manual Integrations
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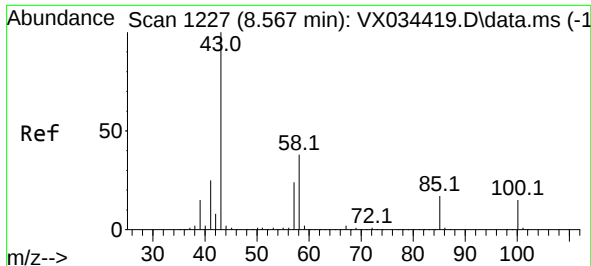
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#50
Toluene-d8
Concen: 52.772 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion: 98 Resp: 534246
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 112.741 ug/l

RT: 8.573 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 43 Resp: 504170

Ion Ratio Lower Upper

43 100

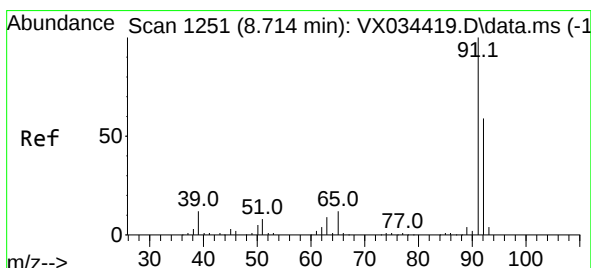
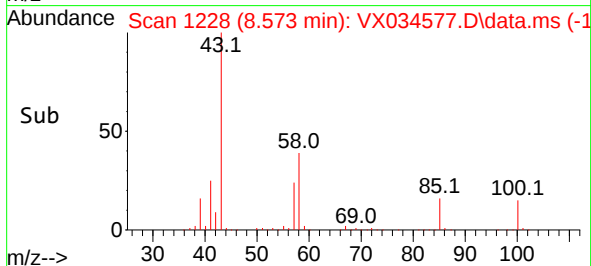
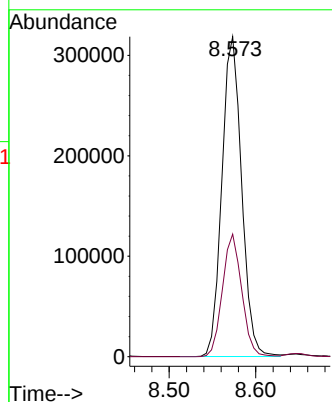
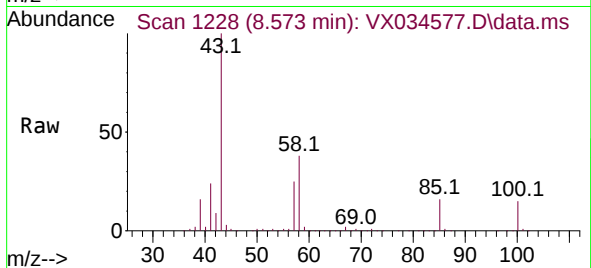
58 37.4 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#52

Toluene

Concen: 20.891 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034577.D

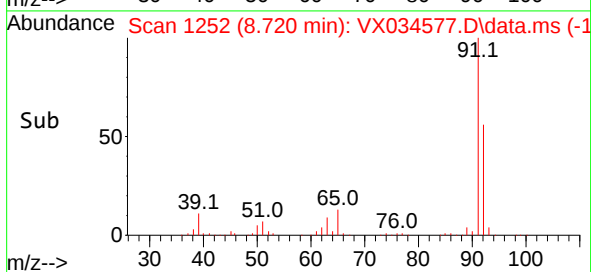
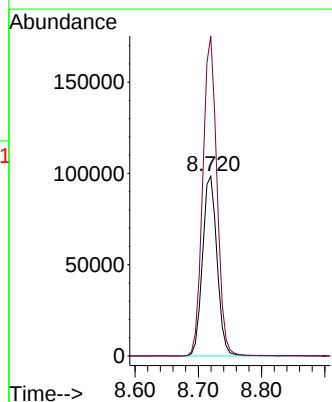
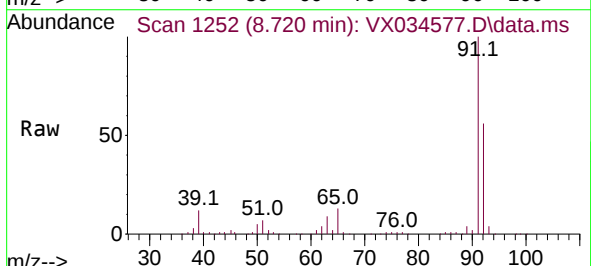
Acq: 17 Mar 2023 12:19

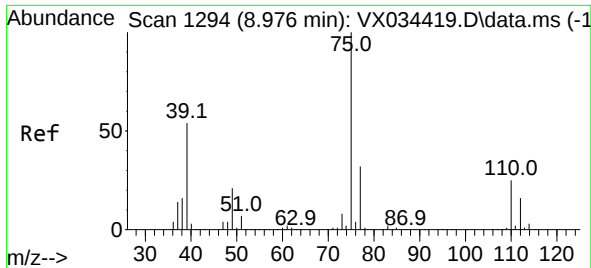
Tgt Ion: 92 Resp: 157599

Ion Ratio Lower Upper

92 100

91 174.2 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 19.343 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 75 Resp: 91228

Ion Ratio Lower Upper

75 100

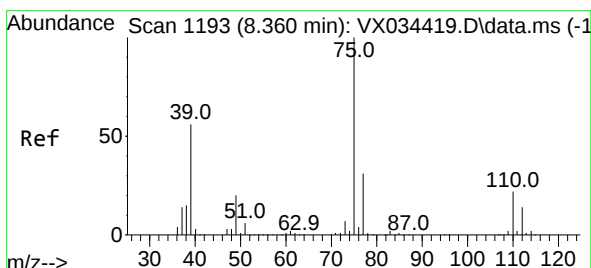
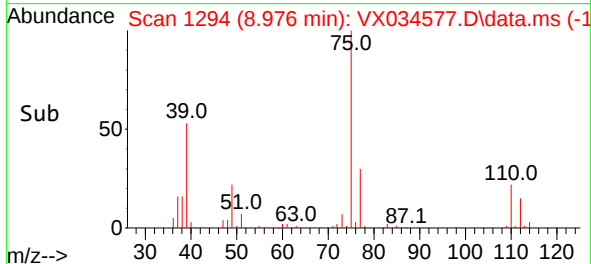
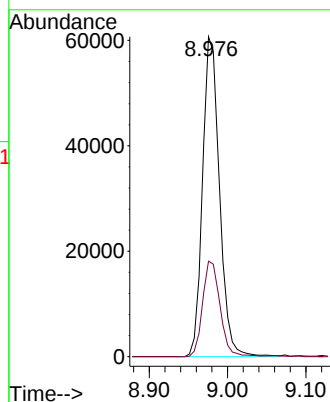
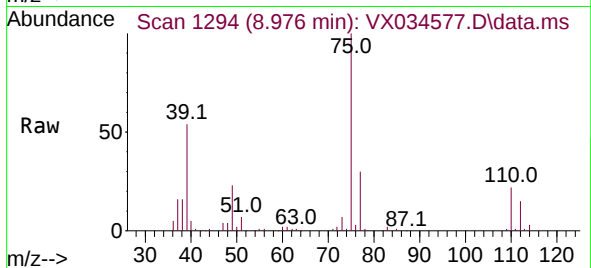
77 29.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#54

cis-1,3-Dichloropropene

Concen: 19.685 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

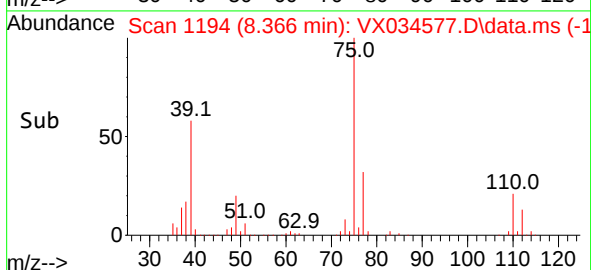
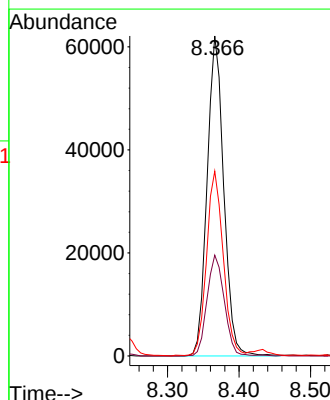
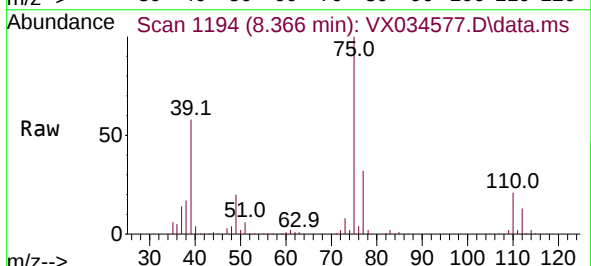
Tgt Ion: 75 Resp: 100445

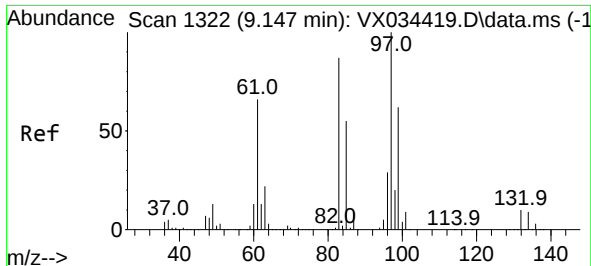
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4

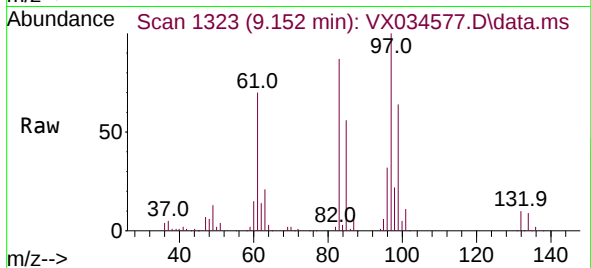
39 57.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 23.407 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

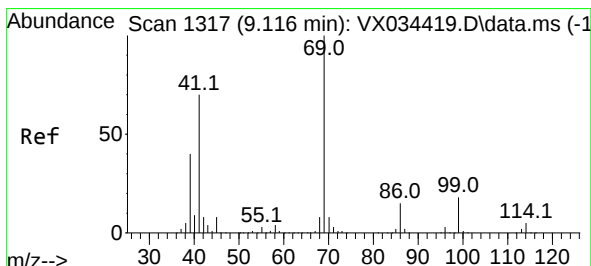
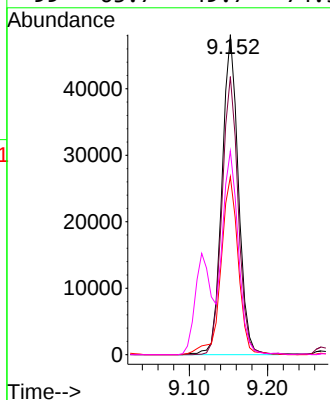
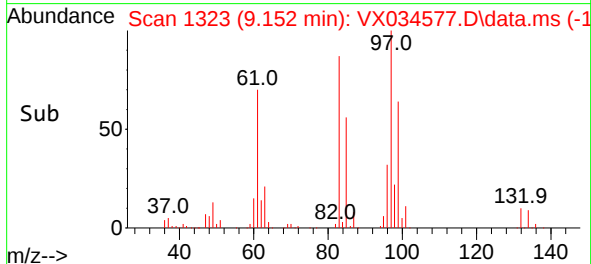


Tgt Ion: 97 Resp: 70078

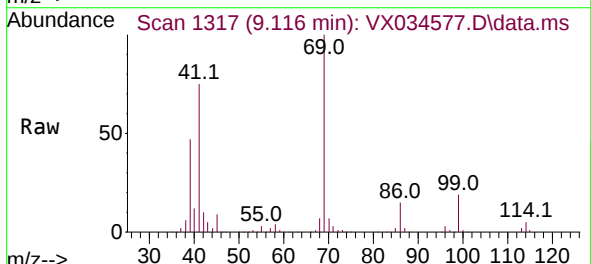
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.7	104.5
85	55.6	43.7	65.5
99	63.7	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

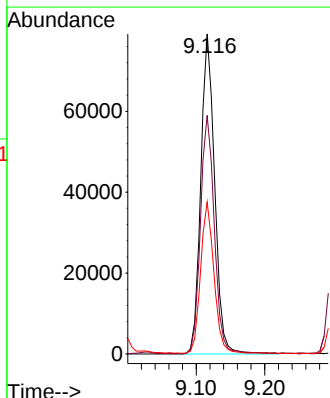
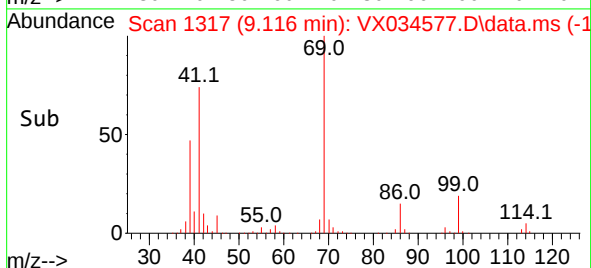


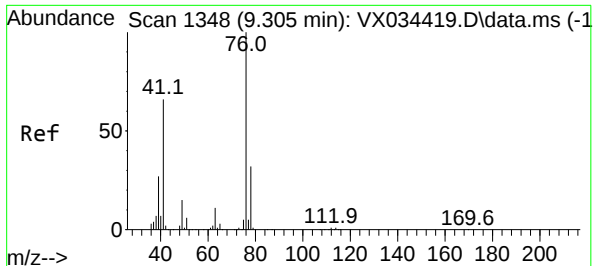
#56
Ethyl methacrylate
Concen: 22.698 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19



Tgt Ion: 69 Resp: 111578

Ion	Ratio	Lower	Upper
69	100		
41	75.3	57.4	86.0
39	45.5	33.7	50.5





#57

1,3-Dichloropropane

Concen: 23.898 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 76 Resp: 127160

Ion Ratio Lower Upper

76 100

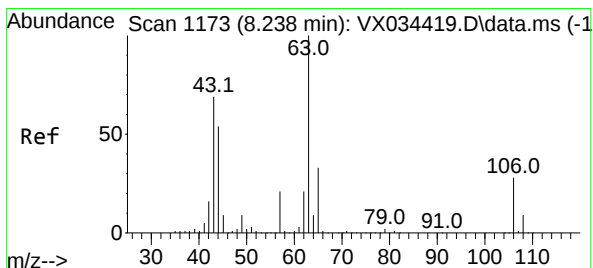
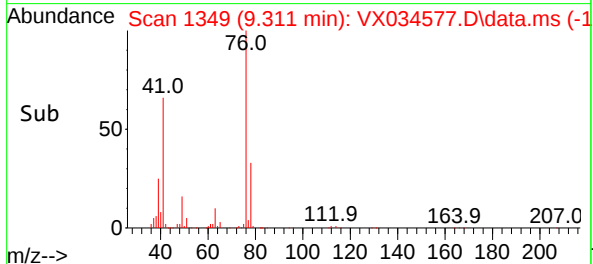
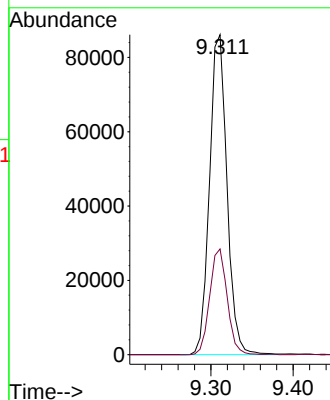
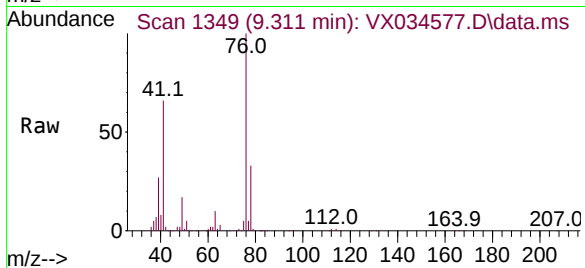
78 33.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 104.618 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034577.D

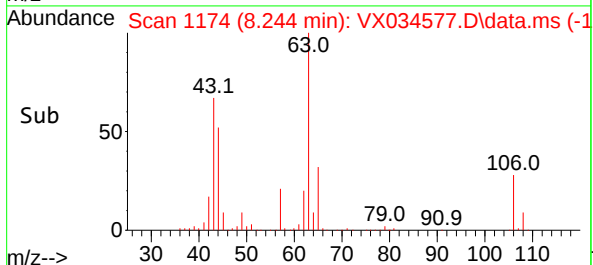
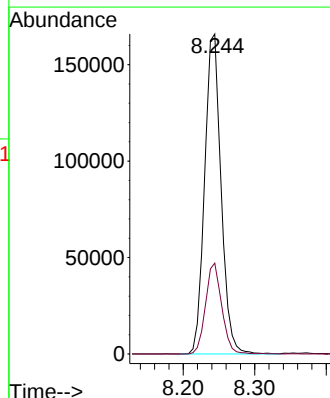
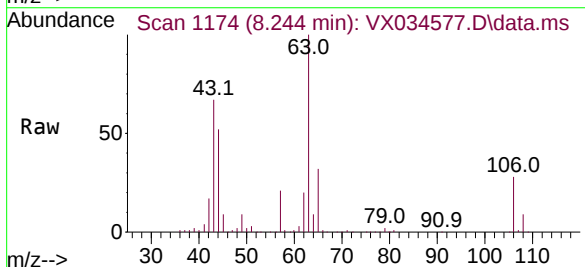
Acq: 17 Mar 2023 12:19

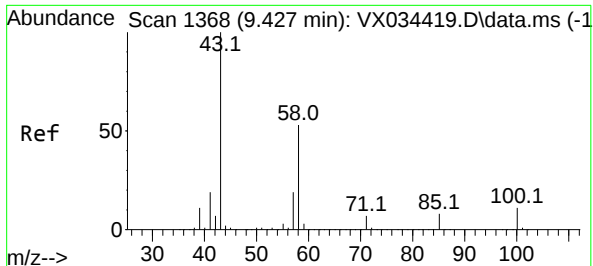
Tgt Ion: 63 Resp: 265033

Ion Ratio Lower Upper

63 100

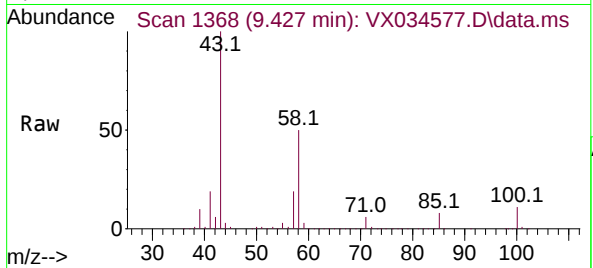
106 27.9 22.2 33.2





#59
2-Hexanone
Concen: 123.518 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

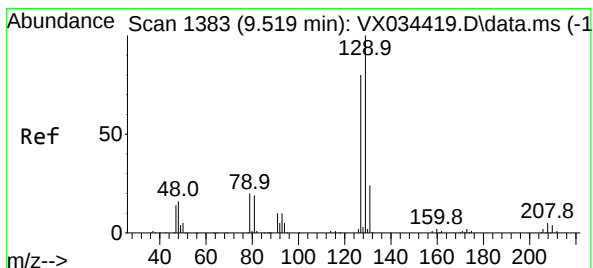
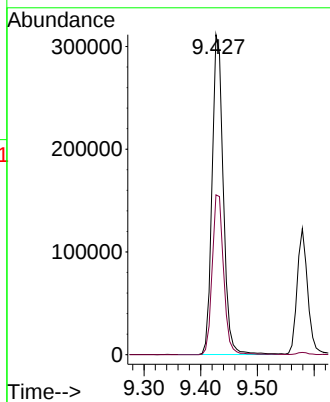
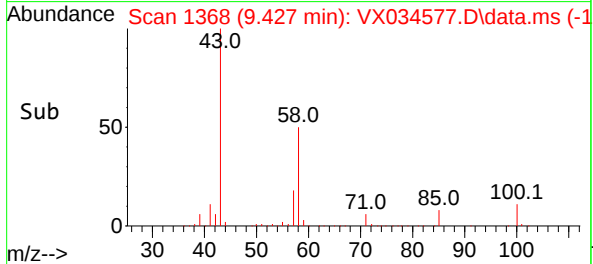
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



Tgt Ion: 43 Resp: 426990
Ion Ratio Lower Upper
43 100
58 50.9 26.3 78.9

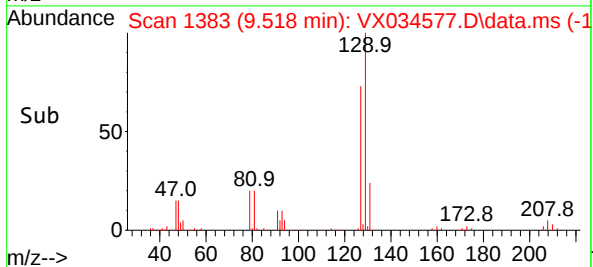
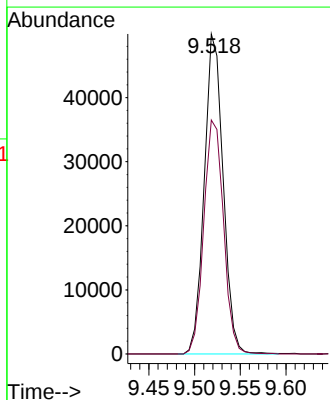
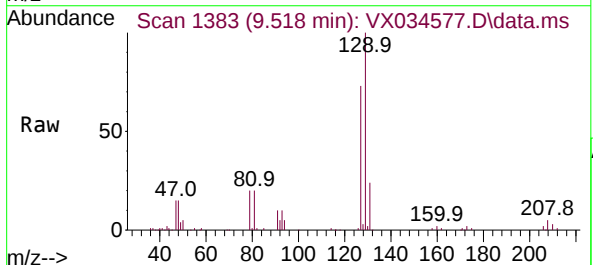
Manual Integrations
APPROVED

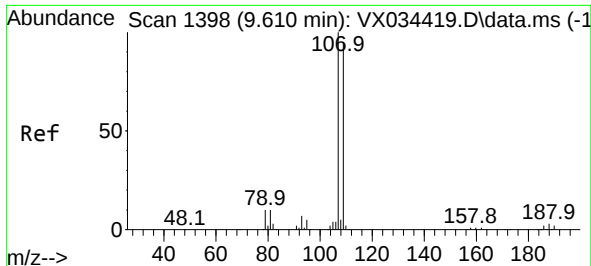
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#60
Dibromochloromethane
Concen: 22.752 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

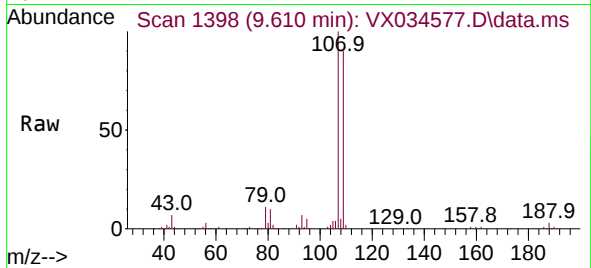
Tgt Ion:129 Resp: 71442
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0





#61
1,2-Dibromoethane
Concen: 23.477 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

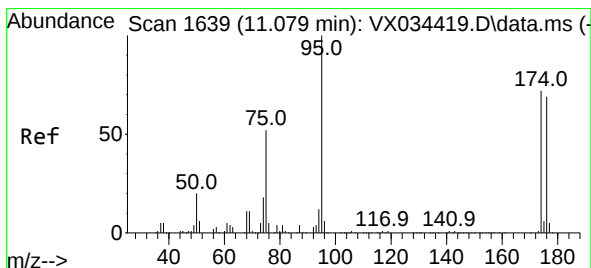
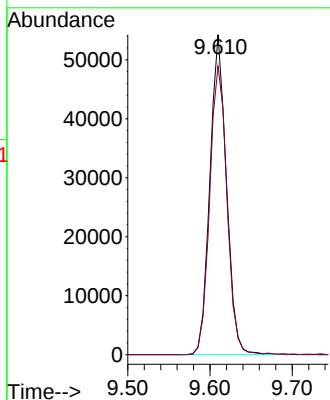
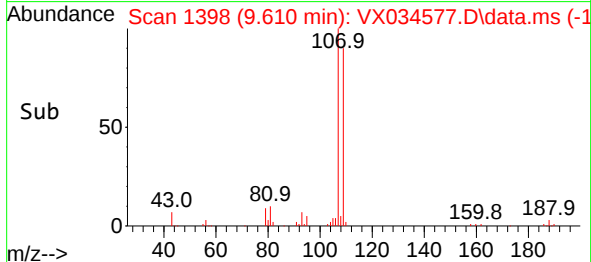
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



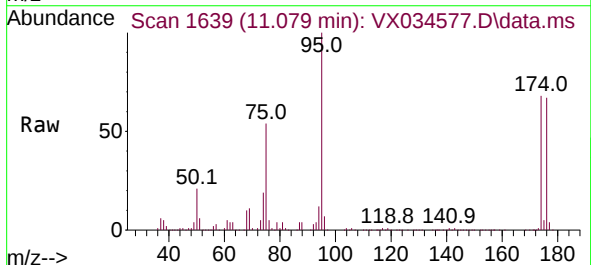
Tgt Ion:107 Resp: 75849
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9

Manual Integrations
APPROVED

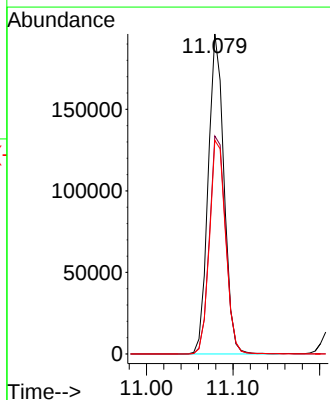
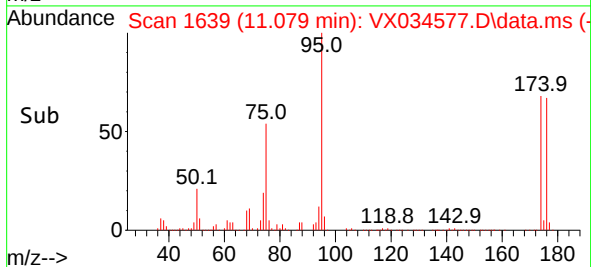
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

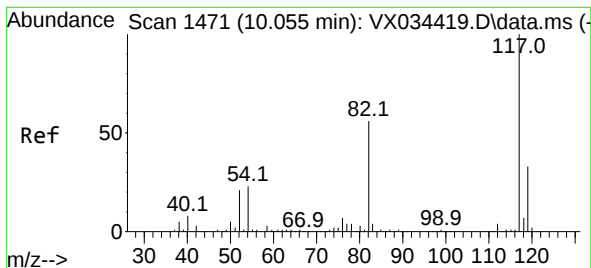


#62
4-Bromofluorobenzene
Concen: 60.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19



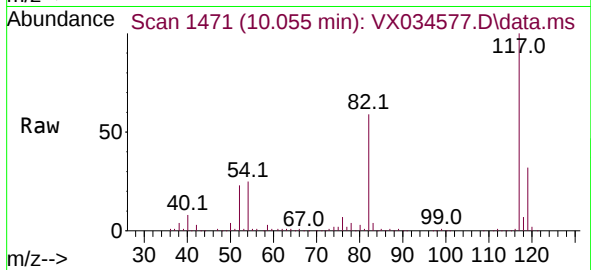
Tgt Ion: 95 Resp: 248079
Ion Ratio Lower Upper
95 100
174 69.9 0.0 147.4
176 68.4 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

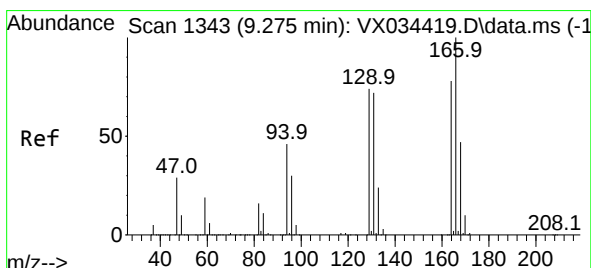
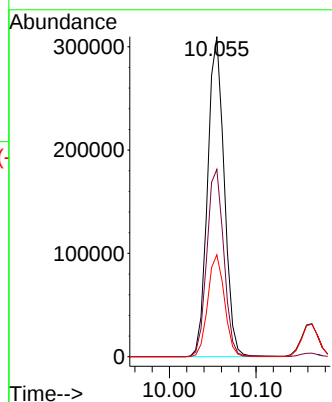
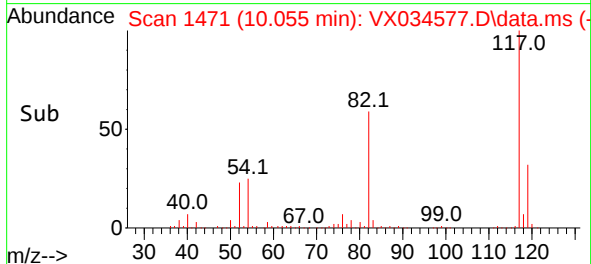
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



Tgt Ion:117 Resp: 412932
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 31.8 26.0 39.0

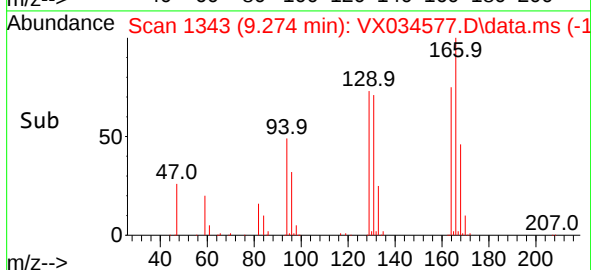
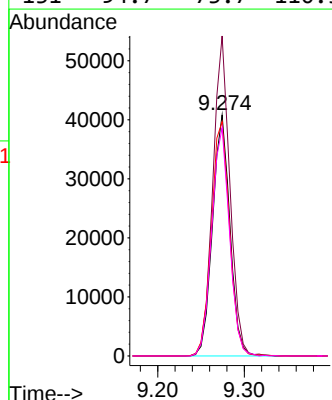
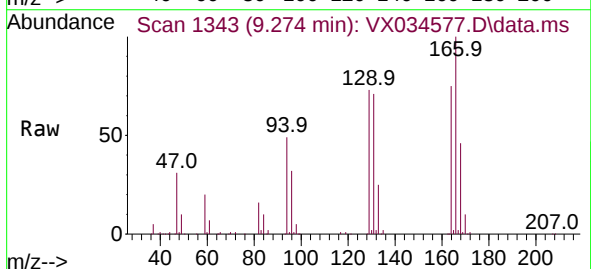
Manual Integrations
APPROVED

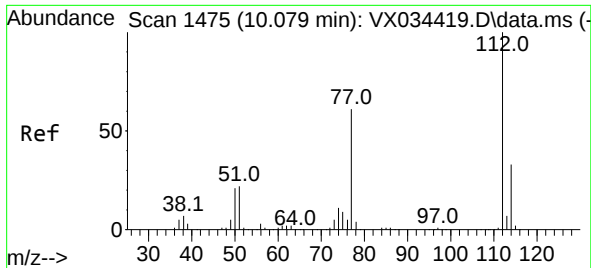
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#64
Tetrachloroethene
Concen: 20.483 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion:164 Resp: 56815
Ion Ratio Lower Upper
164 100
166 132.8 102.7 154.1
129 97.2 75.6 113.4
131 94.7 73.7 110.5





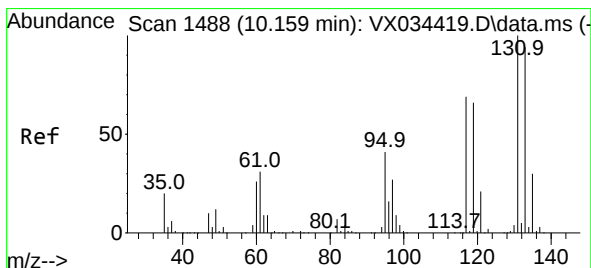
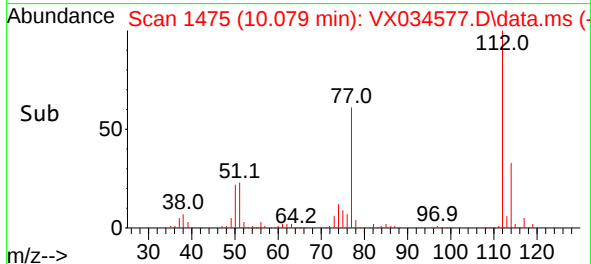
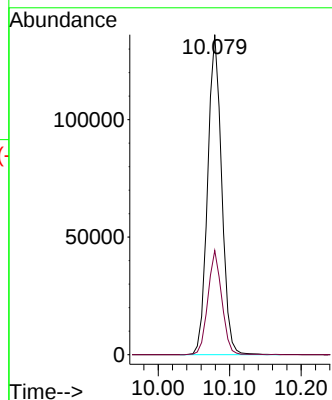
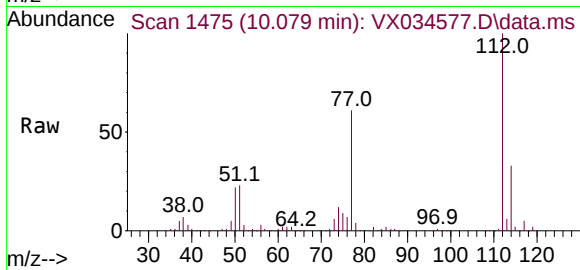
#65
Chlorobenzene
Concen: 20.422 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tgt Ion:112 Resp: 185025
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

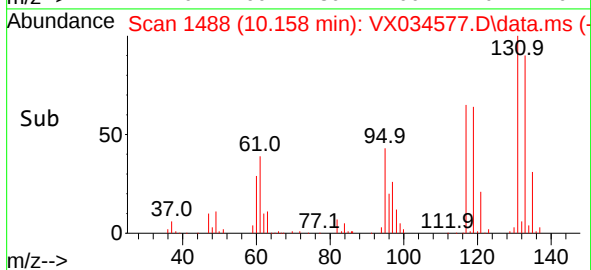
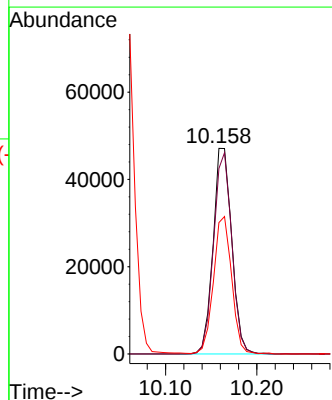
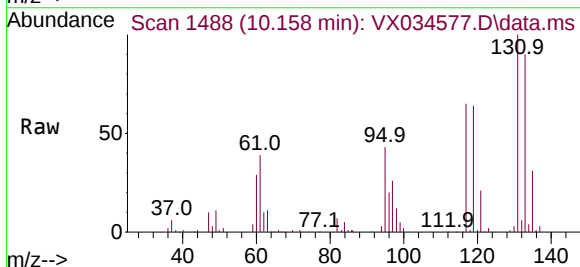
Manual Integrations
APPROVED

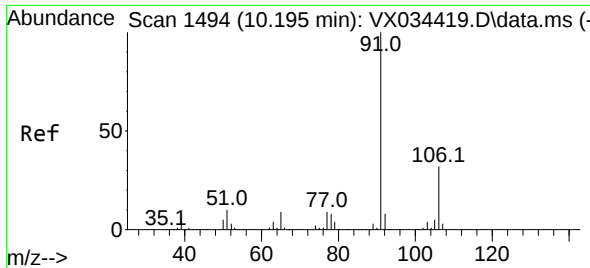
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.272 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion:131 Resp: 66892
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 65.1 32.6 98.0





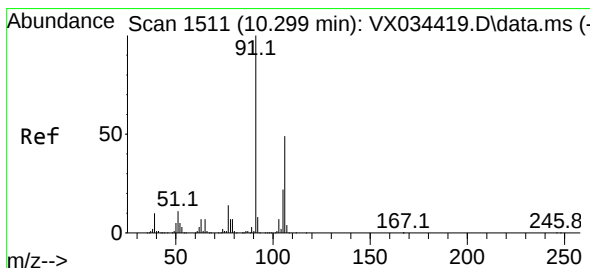
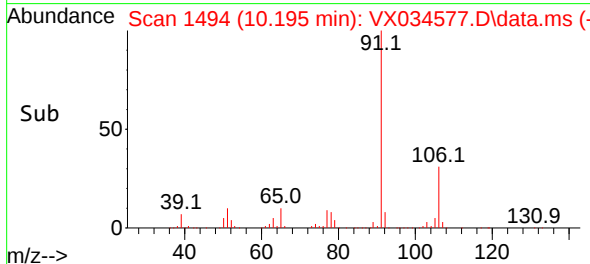
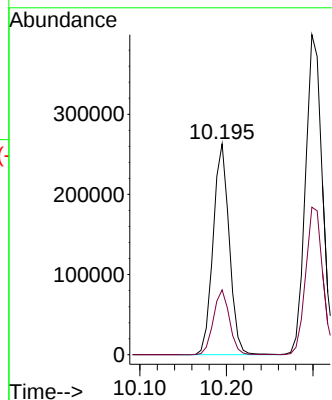
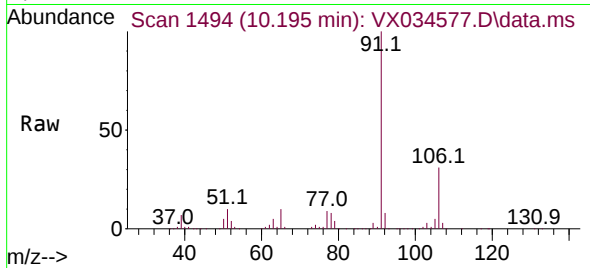
#67
Ethyl Benzene
Concen: 20.957 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tgt Ion: 91 Resp: 339908
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

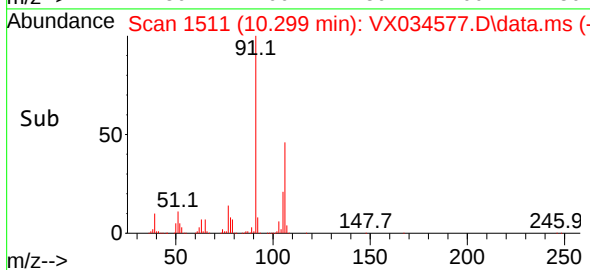
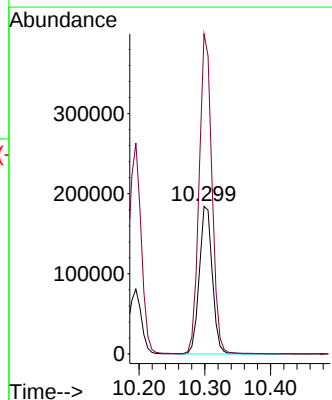
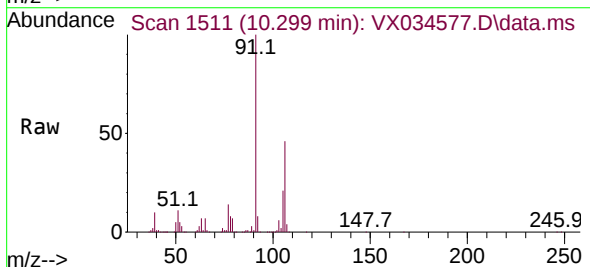
Manual Integrations
APPROVED

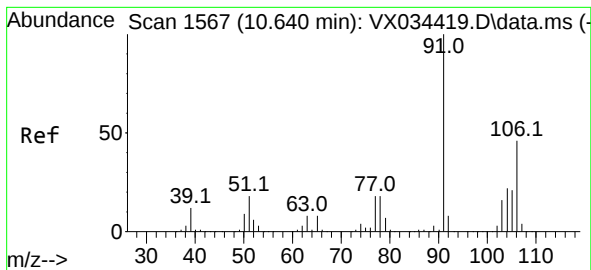
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#68
m/p-Xylenes
Concen: 40.651 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion:106 Resp: 253284
Ion Ratio Lower Upper
106 100
91 212.9 164.0 246.0





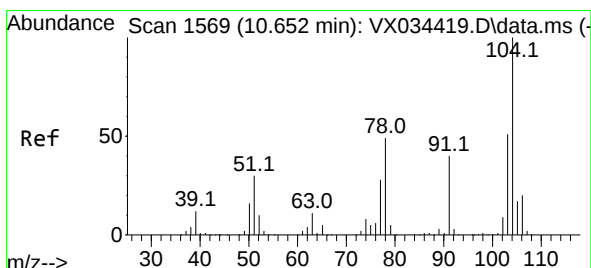
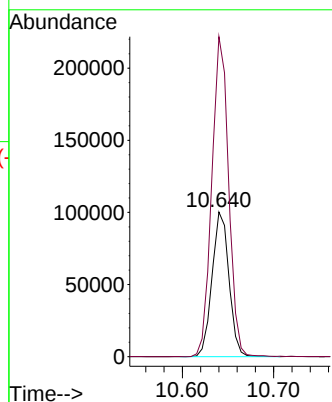
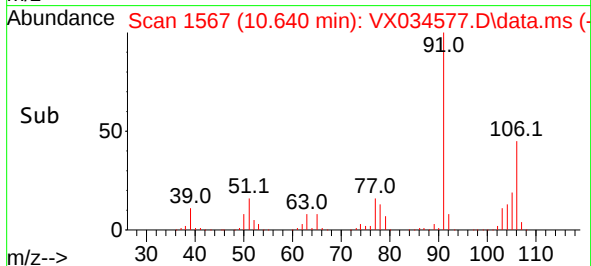
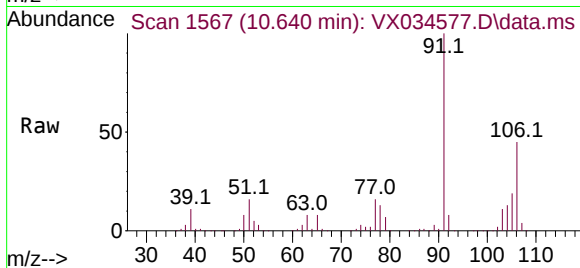
#69
o-Xylene
Concen: 20.586 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tgt Ion:106 Resp: 128710
Ion Ratio Lower Upper
106 100
91 220.1 108.5 325.3

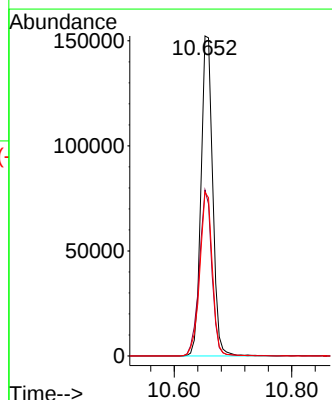
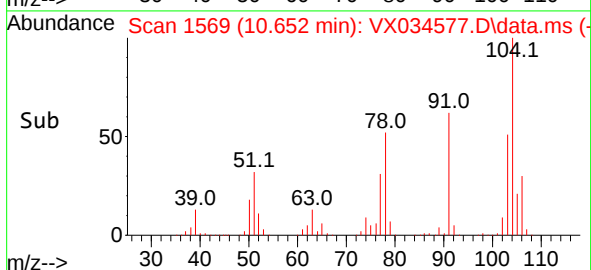
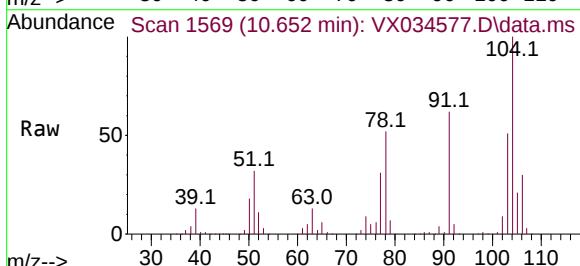
Manual Integrations
APPROVED

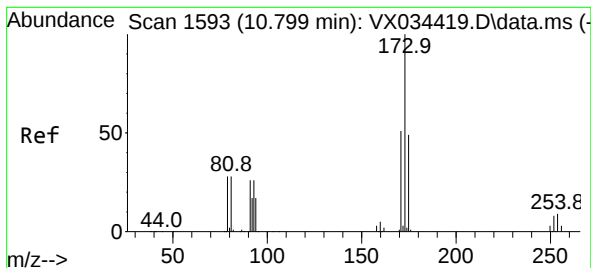
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 20.793 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

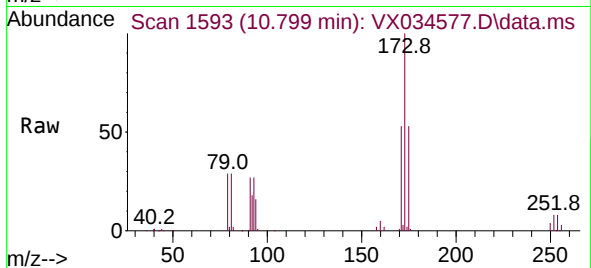
Tgt Ion:104 Resp: 209759
Ion Ratio Lower Upper
104 100
78 55.8 43.4 65.2
103 55.1 44.2 66.2





#71
Bromoform
Concen: 18.090 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

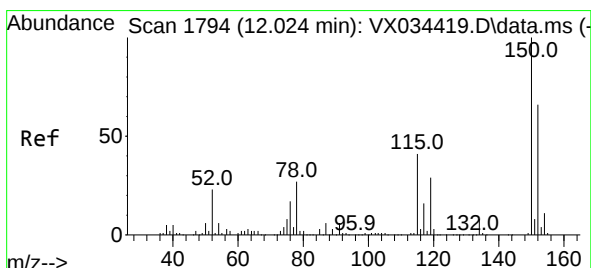
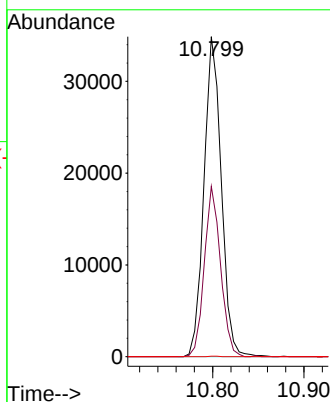
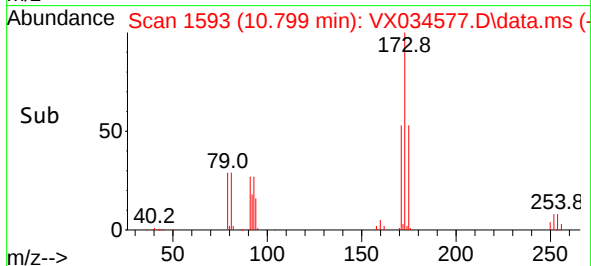
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



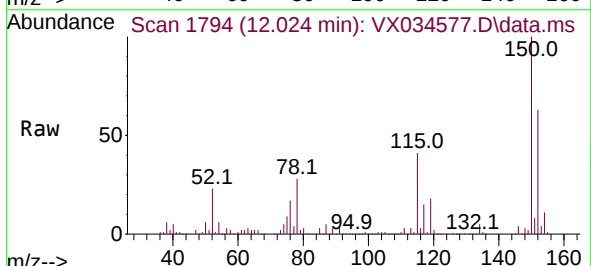
Tgt Ion:173 Resp: 45949
Ion Ratio Lower Upper
173 100
175 49.9 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

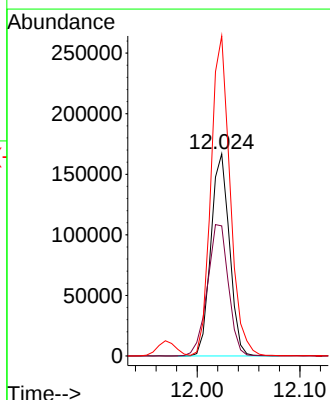
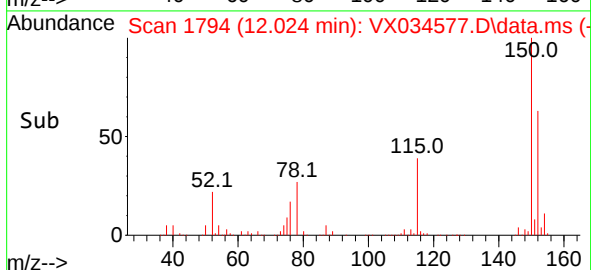
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

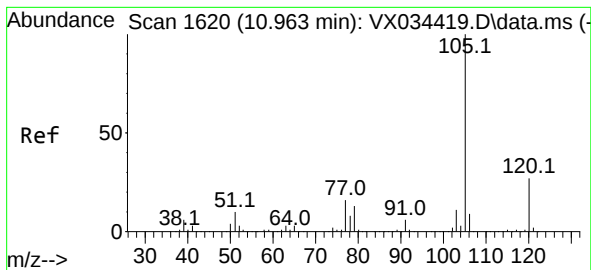


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19



Tgt Ion:152 Resp: 209341
Ion Ratio Lower Upper
152 100
115 73.9 45.0 135.0
150 163.4 0.0 352.4





#73

Isopropylbenzene

Concen: 21.363 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion:105 Resp: 34563

Ion Ratio Lower Upper

105 100

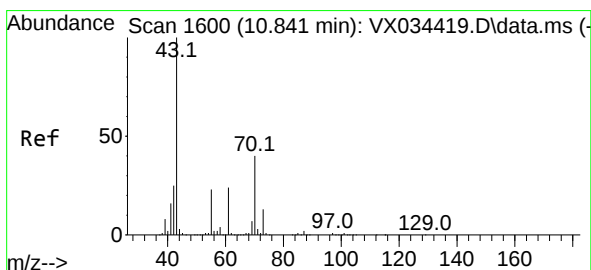
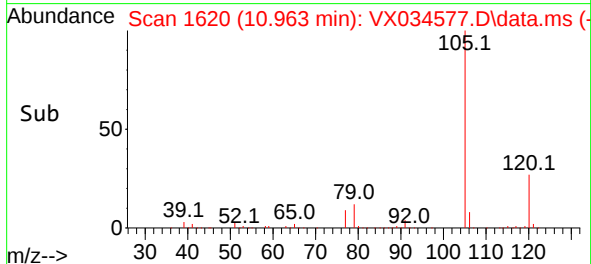
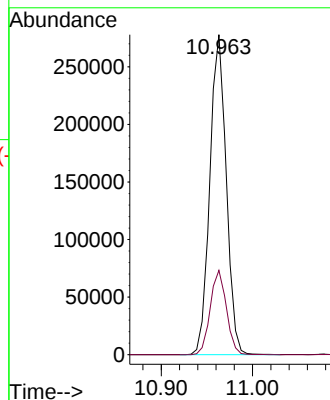
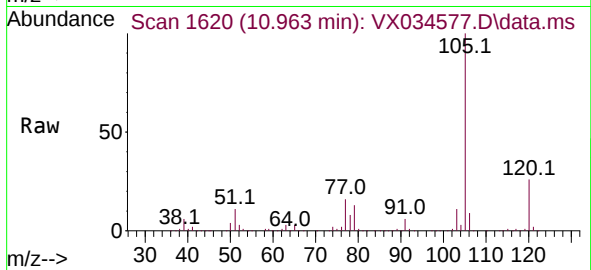
120 25.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#74

N-ethyl acetate

Concen: 20.409 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Tgt Ion: 43 Resp: 158156

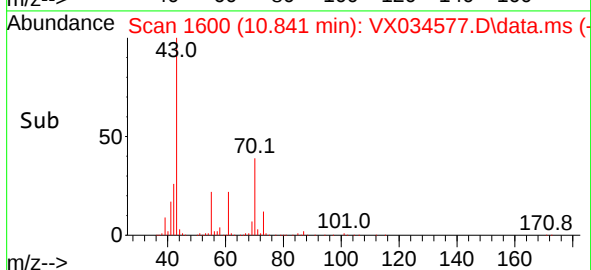
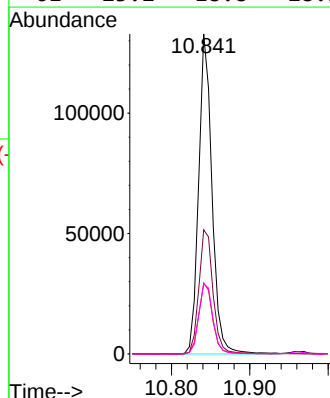
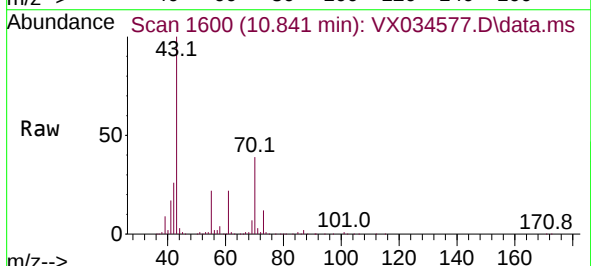
Ion Ratio Lower Upper

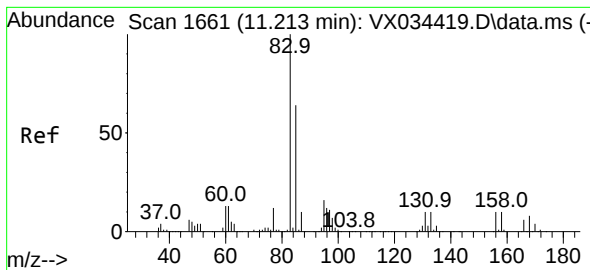
43 100

70 41.0 32.1 48.1

55 23.3 18.3 27.5

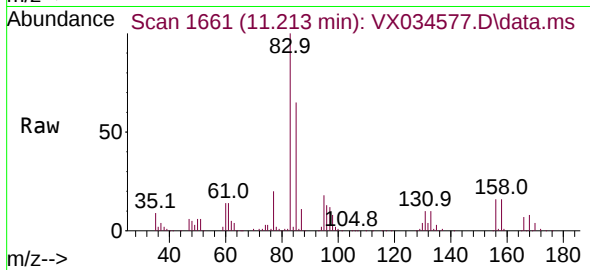
61 23.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.886 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

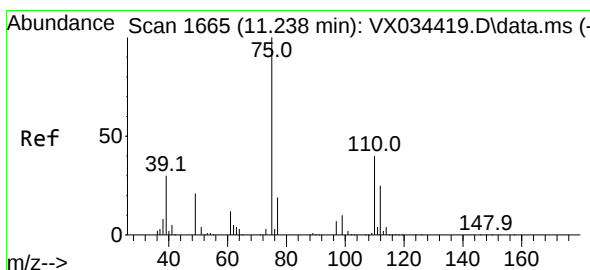
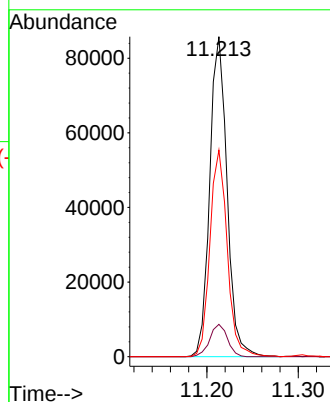
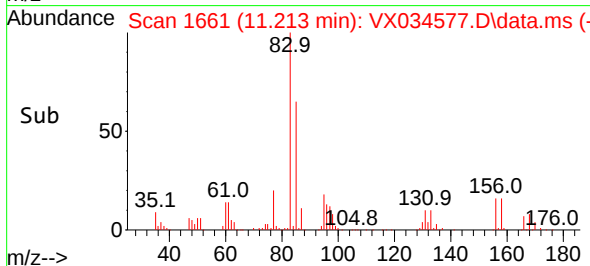
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



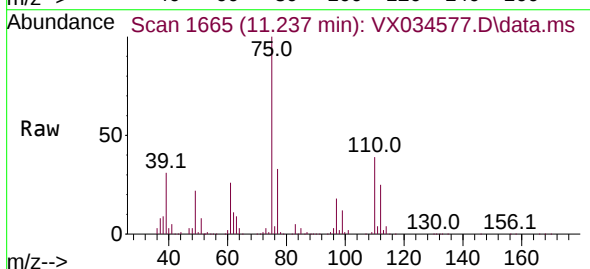
Tgt Ion: 83 Resp: 112764
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 64.5 32.0 96.0

Manual Integrations
APPROVED

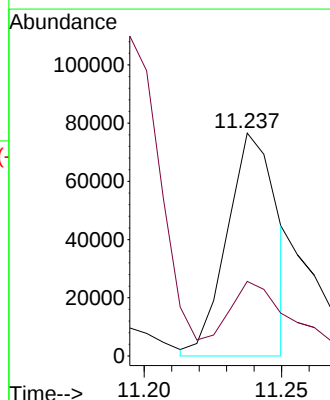
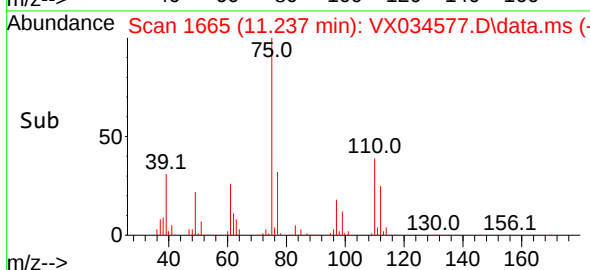
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

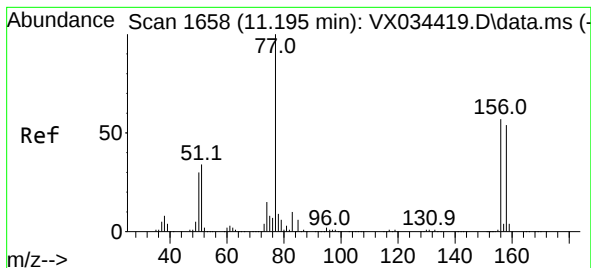


#76
1,2,3-Trichloropropane
Concen: 19.946 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19



Tgt Ion: 75 Resp: 95873
Ion Ratio Lower Upper
75 100
77 43.8 21.6 64.8





#77

Bromobenzene

Concen: 20.577 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

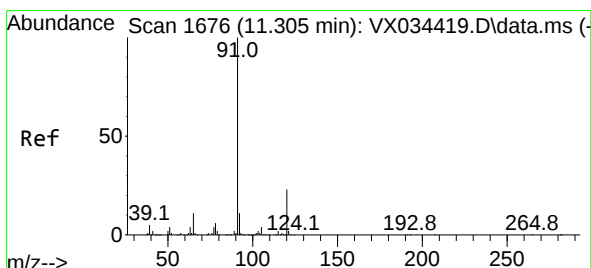
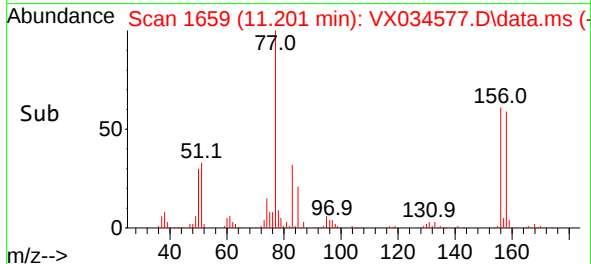
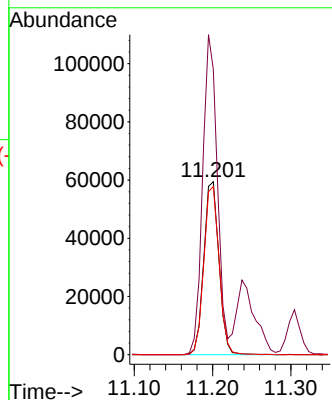
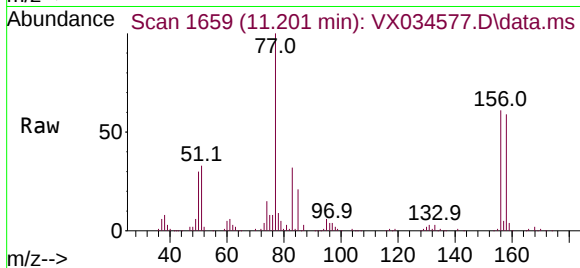
Tgt Ion:	156	Resp:	79878
Ion Ratio	Lower	Upper	
156	100		
77	178.5	86.7	259.9
158	98.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#78

n-propylbenzene

Concen: 21.455 ug/l

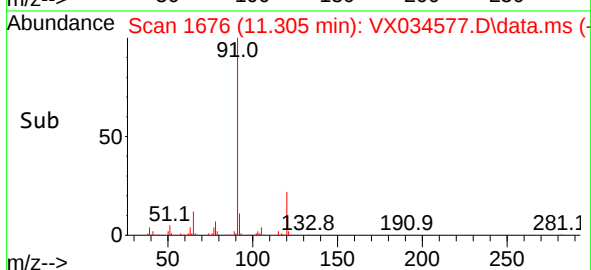
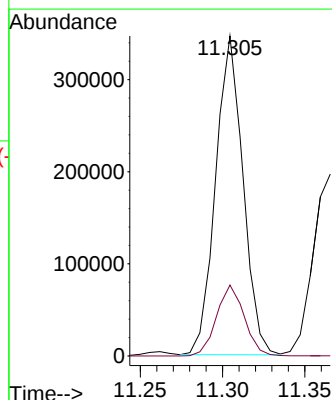
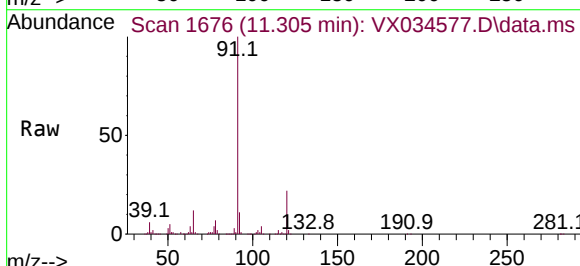
RT: 11.305 min Scan# 1676

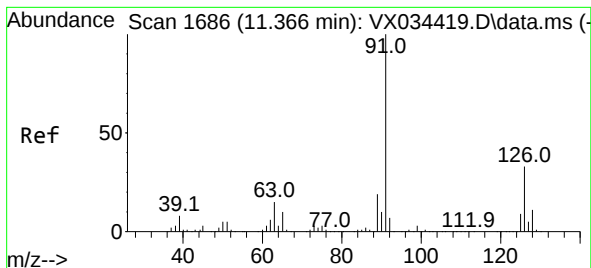
Delta R.T. -0.000 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

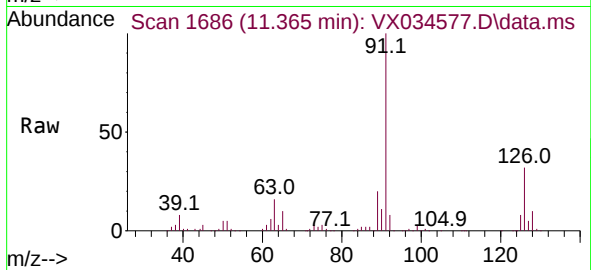
Tgt Ion:	91	Resp:	400889
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.5





#79
2-Chlorotoluene
Concen: 21.659 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

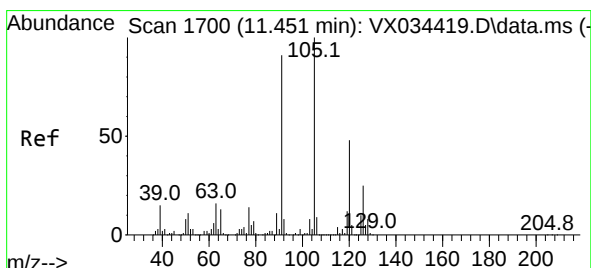
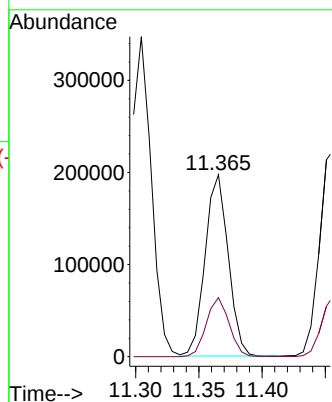
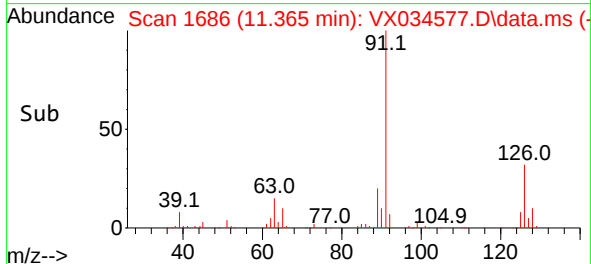
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



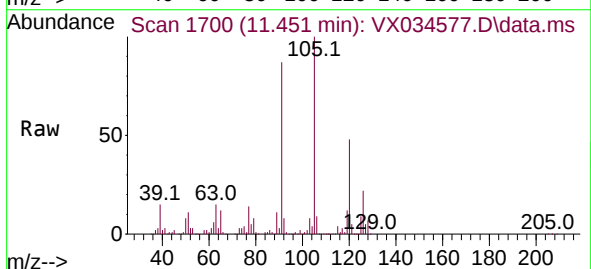
Tgt Ion: 91 Resp: 249954
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9

Manual Integrations
APPROVED

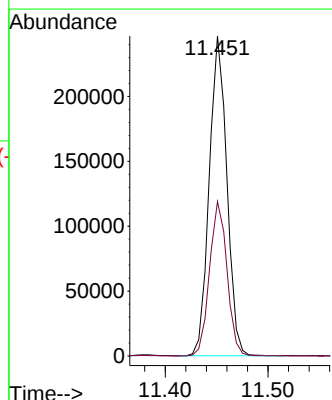
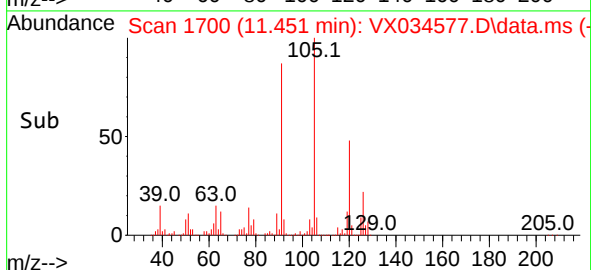
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

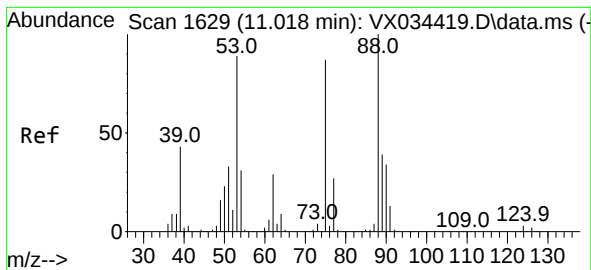


#80
1,3,5-Trimethylbenzene
Concen: 21.612 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19



Tgt Ion:105 Resp: 293294
Ion Ratio Lower Upper
105 100
120 48.0 23.7 71.1





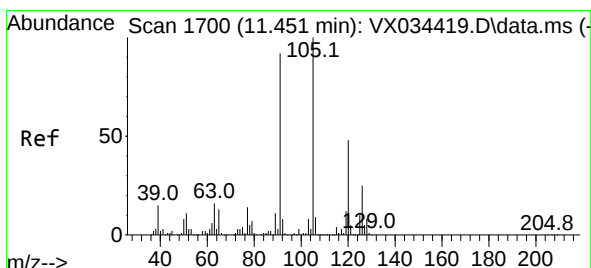
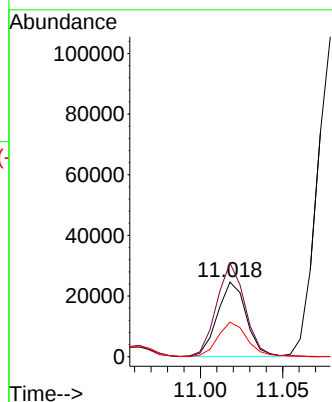
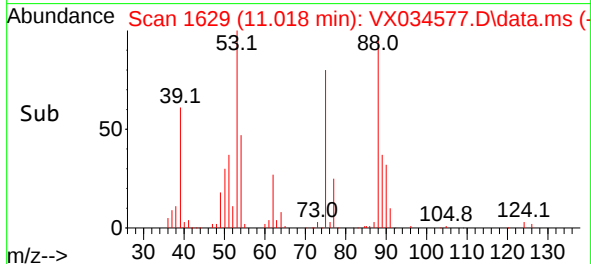
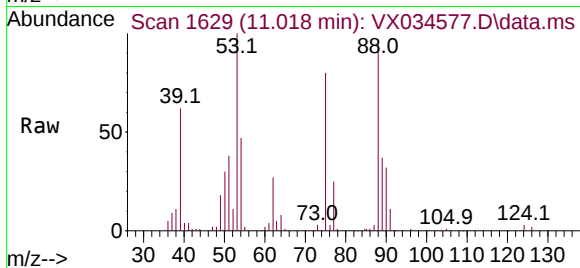
#81
trans-1,4-Dichloro-2-butene
Concen: 16.771 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tgt Ion: 75 Resp: 29798
Ion Ratio Lower Upper
75 100
53 124.6 82.6 124.0
89 47.8 36.9 55.3

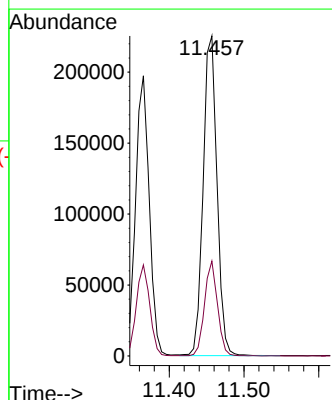
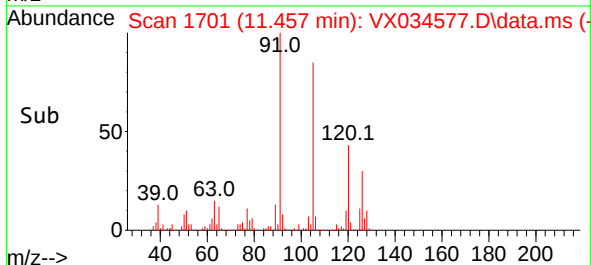
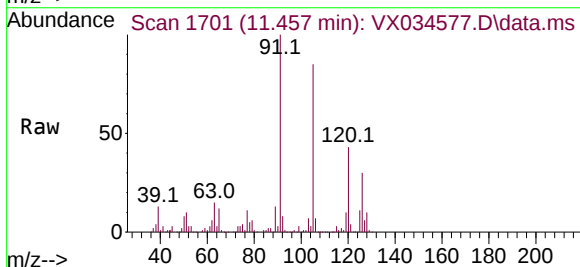
Manual Integrations
APPROVED

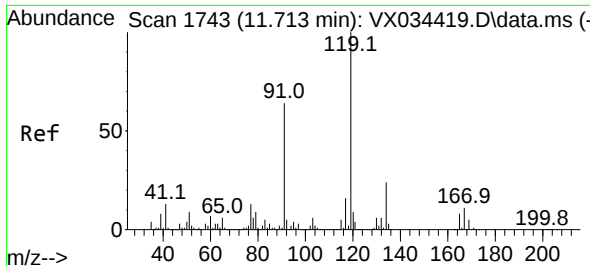
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#82
4-Chlorotoluene
Concen: 21.807 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

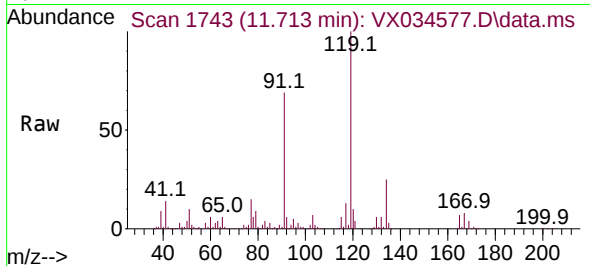
Tgt Ion: 91 Resp: 289868
Ion Ratio Lower Upper
91 100
126 27.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 21.454 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

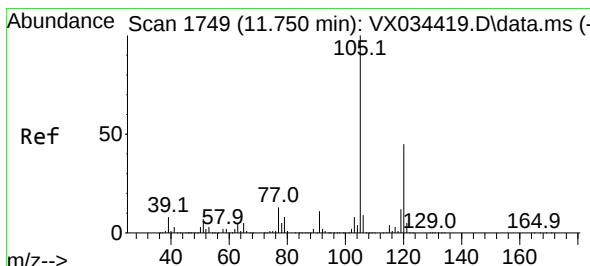
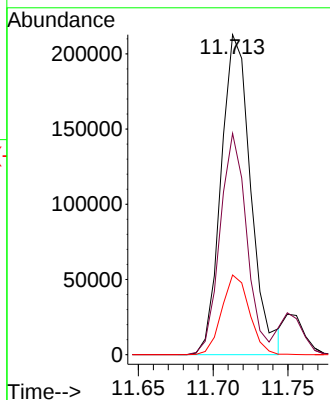
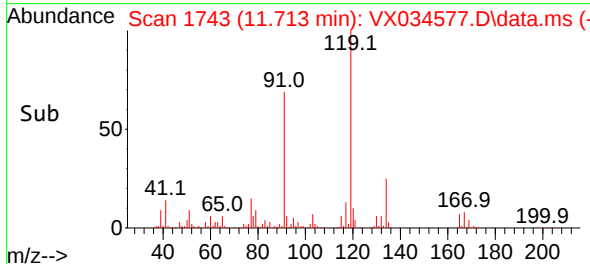
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



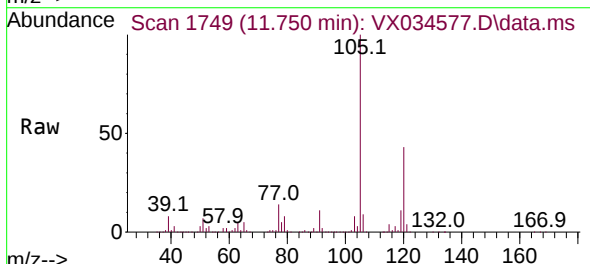
Tgt Ion:119 Resp: 293540
Ion Ratio Lower Upper
119 100
91 62.1 30.6 92.0
134 23.2 11.8 35.4

Manual Integrations
APPROVED

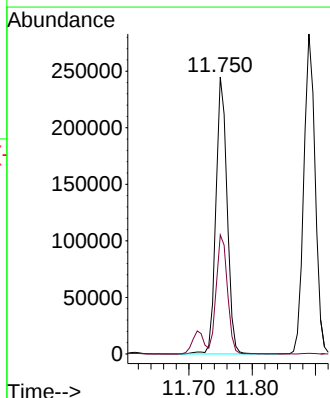
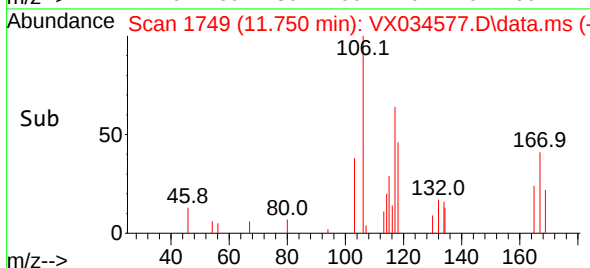
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

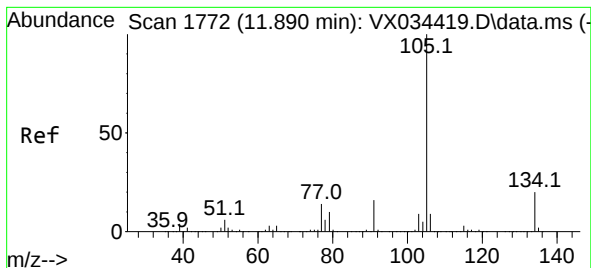


#84
1,2,4-Trimethylbenzene
Concen: 21.562 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19



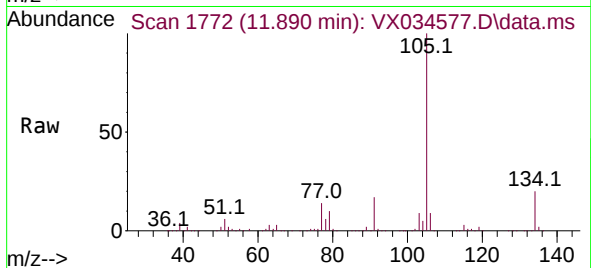
Tgt Ion:105 Resp: 299048
Ion Ratio Lower Upper
105 100
120 43.0 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 20.964 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034577.D
 Acq: 17 Mar 2023 12:19

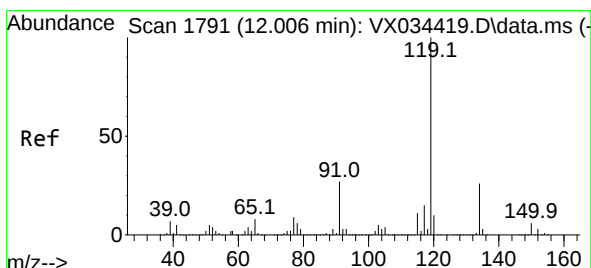
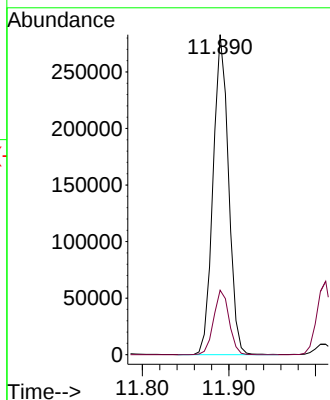
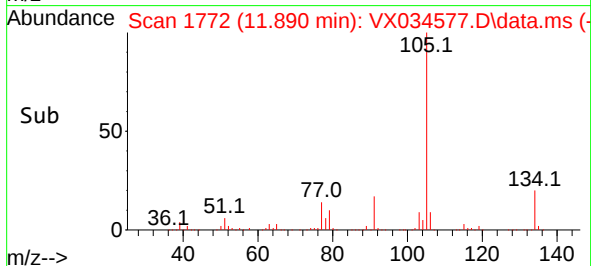
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01



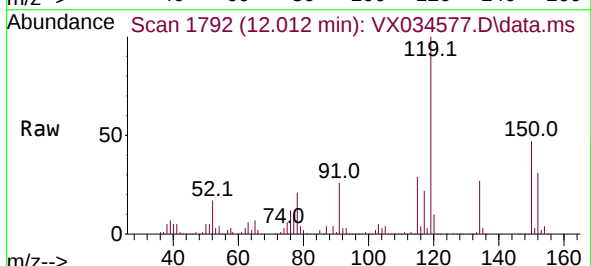
Tgt Ion:105 Resp: 350680
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
 APPROVED

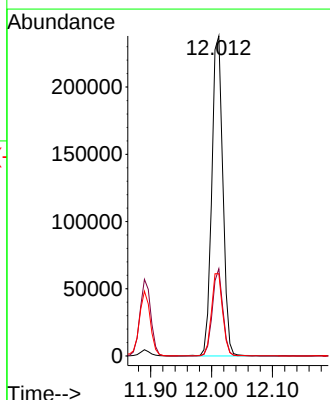
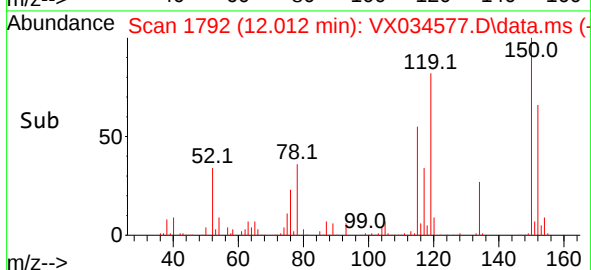
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

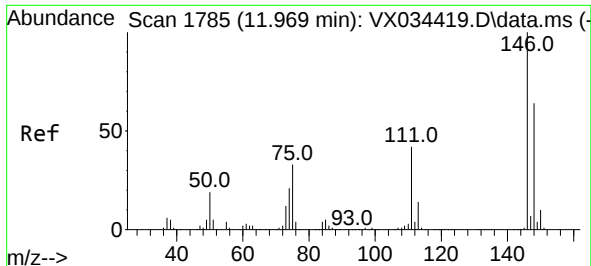


#86
 p-Isopropyltoluene
 Concen: 21.275 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034577.D
 Acq: 17 Mar 2023 12:19



Tgt Ion:119 Resp: 299093
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 26.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.976 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion:146 Resp: 151938

Ion Ratio Lower Upper

146 100

111 43.3 20.9 62.8

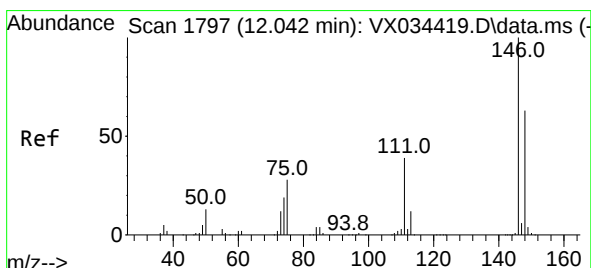
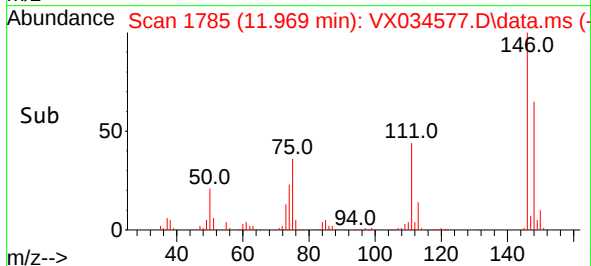
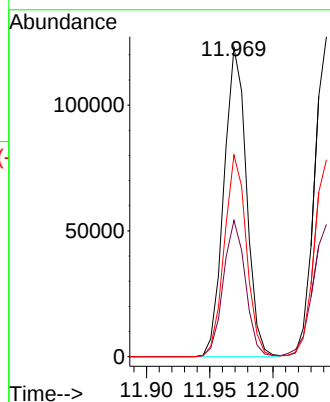
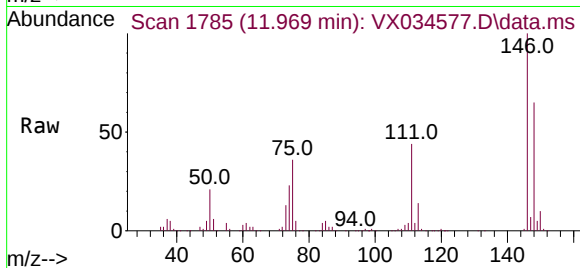
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#88

1,4-Dichlorobenzene

Concen: 20.078 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

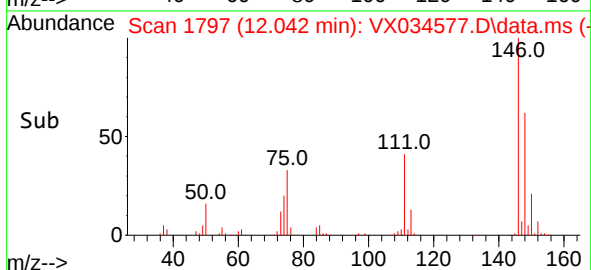
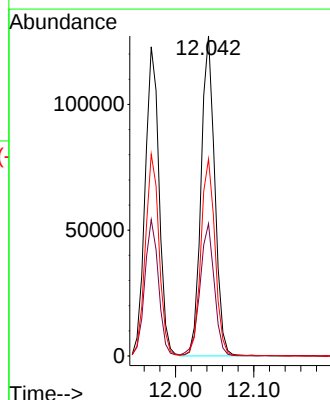
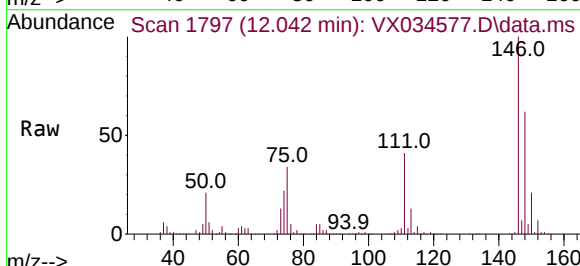
Tgt Ion:146 Resp: 154410

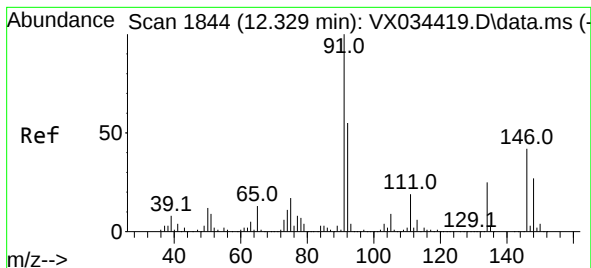
Ion Ratio Lower Upper

146 100

111 43.2 20.6 61.9

148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 20.268 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034577.D

Acq: 17 Mar 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tgt Ion: 91 Resp: 25330

Ion Ratio Lower Upper

91 100

92 54.0 27.7 83.0

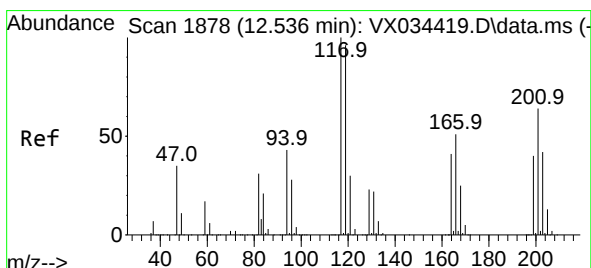
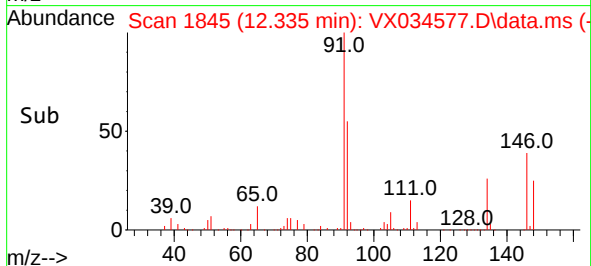
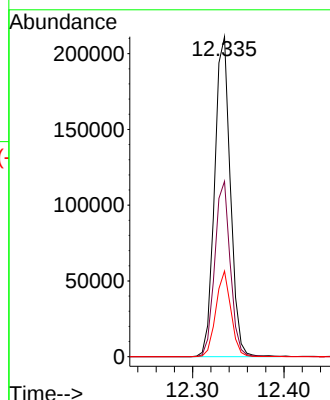
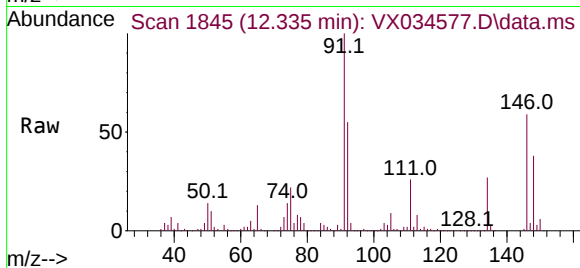
134 25.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#90

Hexachloroethane

Concen: 18.384 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX034577.D

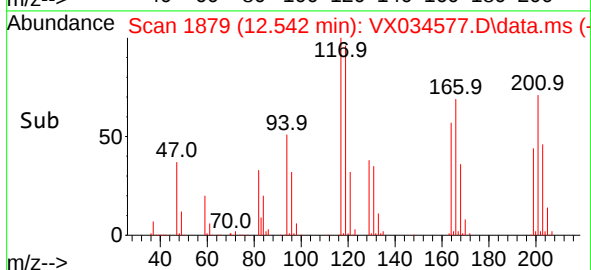
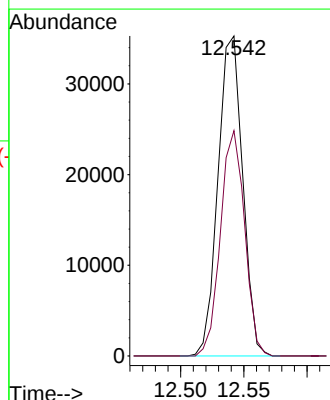
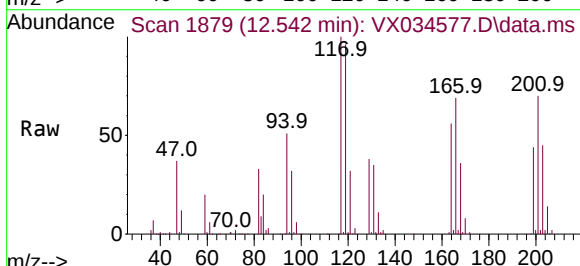
Acq: 17 Mar 2023 12:19

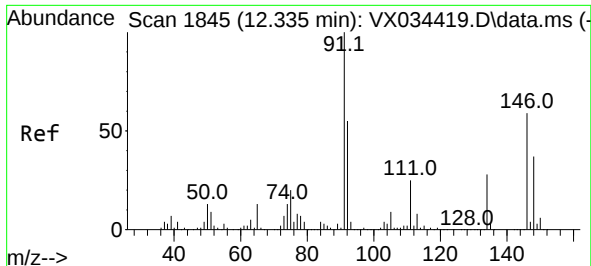
Tgt Ion:117 Resp: 47823

Ion Ratio Lower Upper

117 100

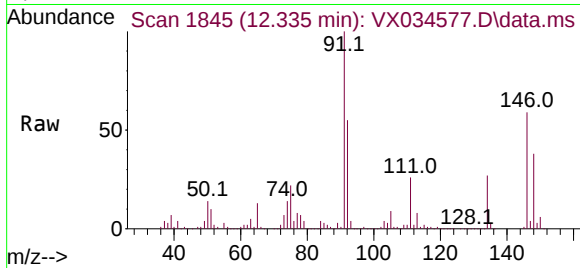
201 68.9 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 20.841 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

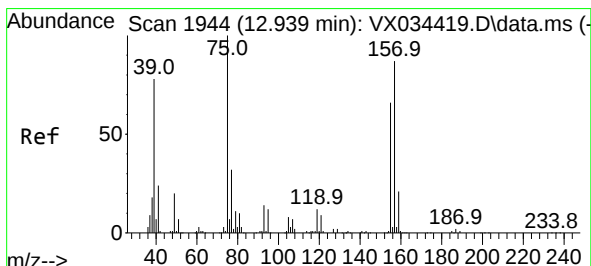
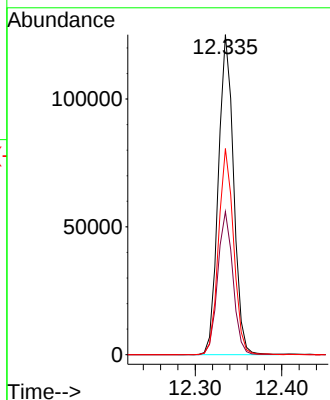
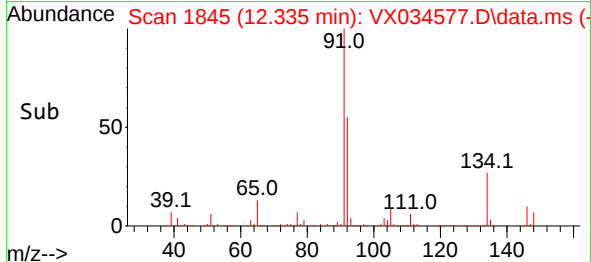
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



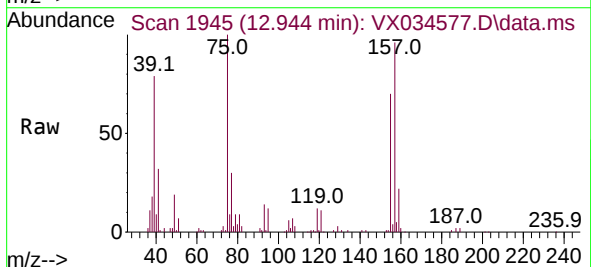
Tgt Ion:146 Resp: 153189
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 63.7 32.0 96.0

Manual Integrations
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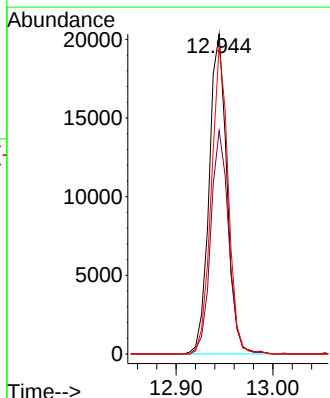
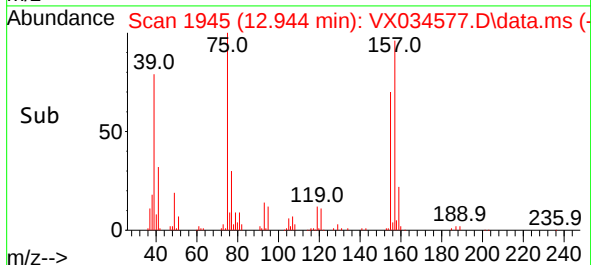
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

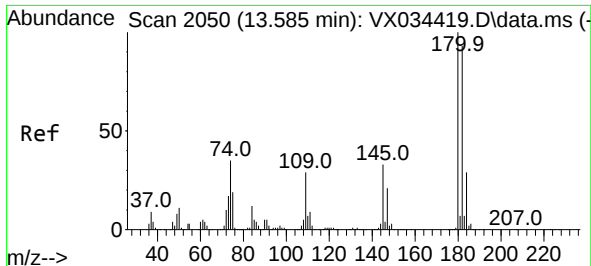


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.136 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19



Tgt Ion: 75 Resp: 25926
Ion Ratio Lower Upper
75 100
155 70.2 38.4 115.1
157 91.7 49.9 149.7





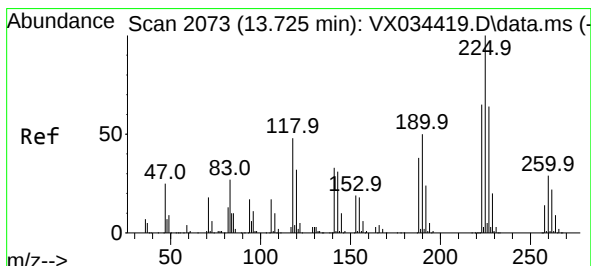
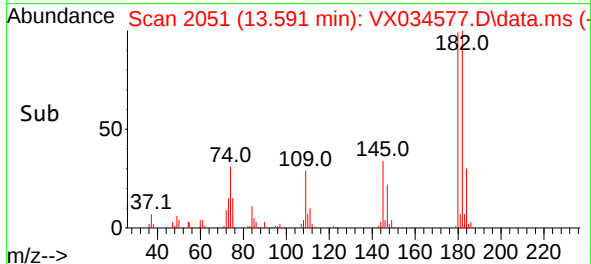
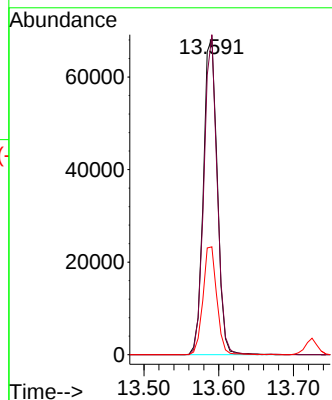
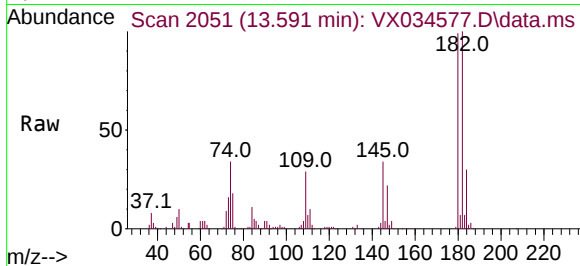
#93
1,2,4-Trichlorobenzene
Concen: 19.140 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tgt Ion:180 Resp: 87975
Ion Ratio Lower Upper
180 100
182 96.8 47.0 141.0
145 34.0 15.9 47.7

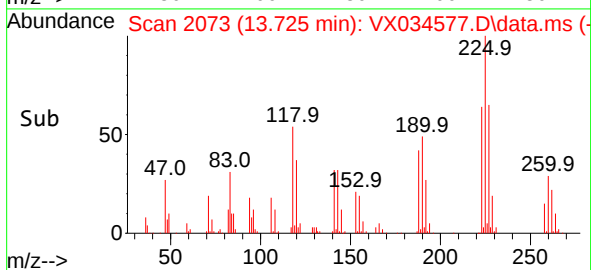
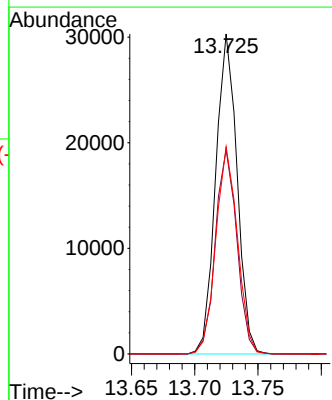
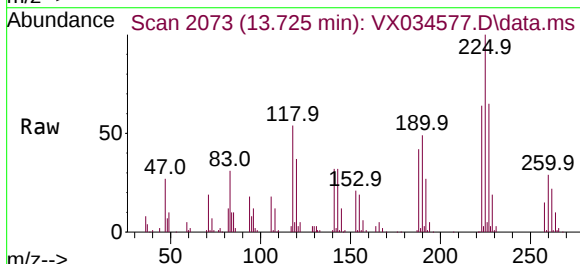
Manual Integrations
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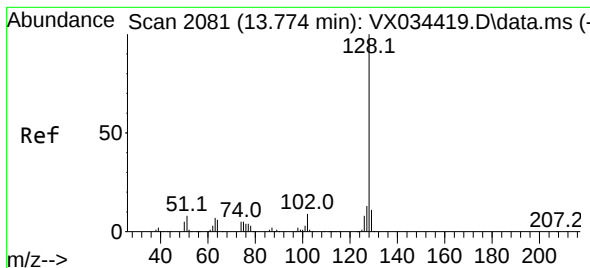
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#94
Hexachlorobutadiene
Concen: 19.213 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

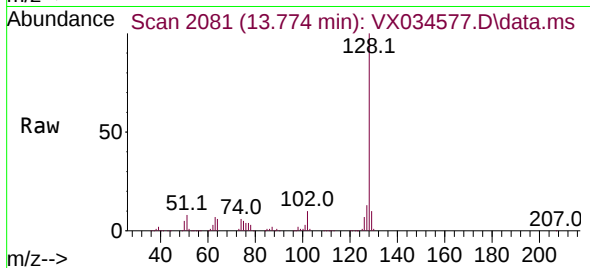
Tgt Ion:225 Resp: 35578
Ion Ratio Lower Upper
225 100
223 64.1 32.1 96.5
227 65.4 31.8 95.4





#95
Naphthalene
Concen: 20.302 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

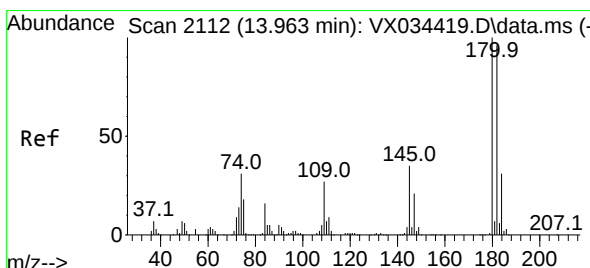
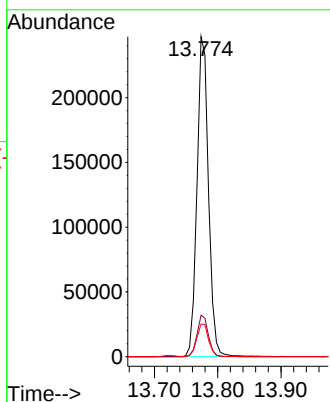
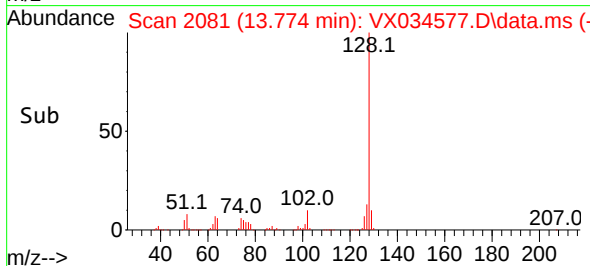
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01



Tgt Ion:128 Resp: 31292
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.657 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034577.D
Acq: 17 Mar 2023 12:19

Tgt Ion:180 Resp: 88323
Ion Ratio Lower Upper
180 100
182 94.1 48.0 144.2
145 34.8 17.7 53.1

