

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034579.D
 Acq On : 17 Mar 2023 13:11
 Operator : JC/MD
 Sample : VX0317WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 19 23:59:07 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	5.550	168	255621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194684	52.352	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.700%			
35) Dibromofluoromethane	5.385	113	148011	51.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.540%			
50) Toluene-d8	8.647	98	544385	50.515	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.040%			
62) 4-Bromofluorobenzene	11.079	95	214944	49.379	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43314	18.176	ug/l	98
3) Chloromethane	1.313	50	60081	15.744	ug/l	98
4) Vinyl Chloride	1.374	62	59484	18.332	ug/l	99
5) Bromomethane	1.599	94	35744	21.833	ug/l	100
6) Chloroethane	1.685	64	38789	20.762	ug/l	96
7) Trichlorofluoromethane	1.886	101	97473	19.992	ug/l	99
8) Diethyl Ether	2.130	74	37434	21.032	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	54080	19.033	ug/l	97
10) Methyl Iodide	2.453	142	71800	19.247	ug/l	97
11) Tert butyl alcohol	2.959	59	79325	102.433	ug/l	100
12) 1,1-Dichloroethene	2.319	96	51440	18.382	ug/l	96
13) Acrolein	2.233	56	71817	117.227	ug/l	99
14) Allyl chloride	2.666	41	101356	17.865	ug/l	98
15) Acrylonitrile	3.062	53	177564	106.144	ug/l	99
16) Acetone	2.380	43	165900	94.707	ug/l	99
17) Carbon Disulfide	2.508	76	114322	14.517	ug/l	99
18) Methyl Acetate	2.703	43	119116	20.811	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	200276	19.989	ug/l	98
20) Methylene Chloride	2.788	84	63203	18.590	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	55120	18.547	ug/l	99
22) Diisopropyl ether	3.763	45	218212	20.174	ug/l	93
23) Vinyl Acetate	3.721	43	832986	101.186	ug/l	98
24) 1,1-Dichloroethane	3.611	63	112270	19.308	ug/l	99
25) 2-Butanone	4.556	43	260705	104.013	ug/l	98
26) 2,2-Dichloropropane	4.477	77	88608	17.531	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	68327	19.099	ug/l	99
28) Bromochloromethane	4.897	49	50803	18.791	ug/l	98
29) Tetrahydrofuran	5.007	42	166240	107.484	ug/l	100
30) Chloroform	5.092	83	116272	20.400	ug/l	98
31) Cyclohexane	5.470	56	94921	18.200	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	96553	19.136	ug/l	99
36) 1,1-Dichloropropene	5.690	75	79695	17.974	ug/l	98
37) Ethyl Acetate	4.715	43	98087	20.249	ug/l	99
38) Carbon Tetrachloride	5.678	117	77589	17.590	ug/l	98
39) Methylcyclohexane	7.379	83	91215	17.190	ug/l	94
40) Benzene	6.037	78	244380	18.840	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53459	20.138	ug/l	99
42) 1,2-Dichloroethane	6.086	62	96199	20.180	ug/l	99
43) Isopropyl Acetate	6.342	43	161527	19.684	ug/l	100
44) Trichloroethene	7.123	130	62709	18.607	ug/l	99
45) 1,2-Dichloropropane	7.427	63	65045	19.205	ug/l	94
46) Dibromomethane	7.580	93	44146	19.173	ug/l	100
47) Bromodichloromethane	7.824	83	84871	19.045	ug/l	98
48) Methyl methacrylate	7.690	41	79960	20.260	ug/l	98
49) 1,4-Dioxane	7.659	88	36442	439.616	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	513971	107.968	ug/l	99
52) Toluene	8.720	92	153553	19.121	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	90892	18.105	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	100305	18.467	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	63394	19.891	ug/l	99
56) Ethyl methacrylate	9.116	69	102193	19.530	ug/l	98
57) 1,3-Dichloropropane	9.311	76	111385	19.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	228799	84.843	ug/l	99
59) 2-Hexanone	9.427	43	392124	106.559	ug/l	98
60) Dibromochloromethane	9.519	129	62952	18.834	ug/l	95
61) 1,2-Dibromoethane	9.610	107	65688	19.100	ug/l	100
64) Tetrachloroethene	9.275	164	47969	17.691	ug/l	97
65) Chlorobenzene	10.079	112	164787	18.606	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	59839	18.551	ug/l	99
67) Ethyl Benzene	10.195	91	298242	18.810	ug/l	99
68) m/p-Xylenes	10.299	106	224550	36.868	ug/l	98
69) o-Xylene	10.640	106	111799	18.291	ug/l	97
70) Styrene	10.652	104	184548	18.714	ug/l	100
71) Bromoform	10.799	173	42517	17.124	ug/l #	99
73) Isopropylbenzene	10.963	105	295190	19.421	ug/l	99
74) N-amyl acetate	10.841	43	145020	19.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	106040	20.907	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84981m	18.820	ug/l	
77) Bromobenzene	11.195	156	71409	19.582	ug/l	98
78) n-propylbenzene	11.305	91	341868	19.476	ug/l	99
79) 2-Chlorotoluene	11.366	91	211478	19.507	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	247590	19.421	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27273	16.340	ug/l	89
82) 4-Chlorotoluene	11.457	91	241545	19.343	ug/l	99
83) tert-Butylbenzene	11.713	119	249224	19.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	247721	19.013	ug/l	100
85) sec-Butylbenzene	11.890	105	300771	19.140	ug/l	99
86) p-Isopropyltoluene	12.006	119	248307	18.801	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133237	18.647	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	133684	18.504	ug/l	99
89) n-Butylbenzene	12.335	91	212212	18.074	ug/l	99
90) Hexachloroethane	12.542	117	41058	16.801	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	134356	19.458	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22254	19.312	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	78947	18.283	ug/l	99
94) Hexachlorobutadiene	13.725	225	31413	18.058	ug/l	98
95) Naphthalene	13.774	128	284146	19.623	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	79415	18.815	ug/l	98

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ClientSampleId :
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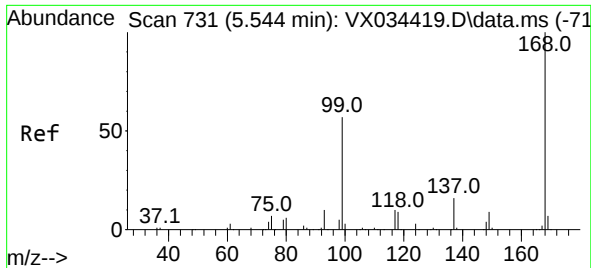
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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

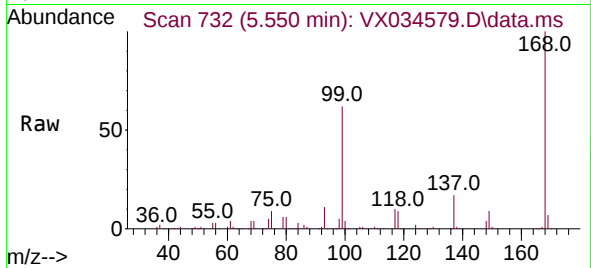
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
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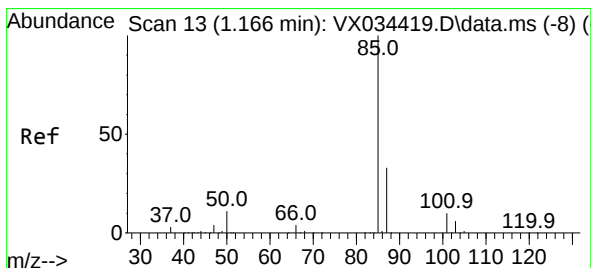
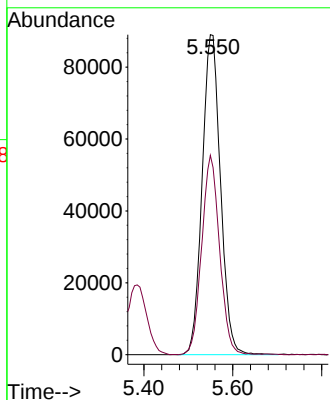
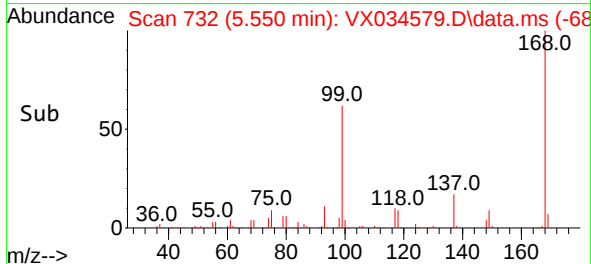
Instrument :
MSVOA_X
Client Sample Id :
VX0317WBSD01



Tgt Ion:168 Resp: 25562
Ion Ratio Lower Upper
168 100
99 62.3 45.7 68.5

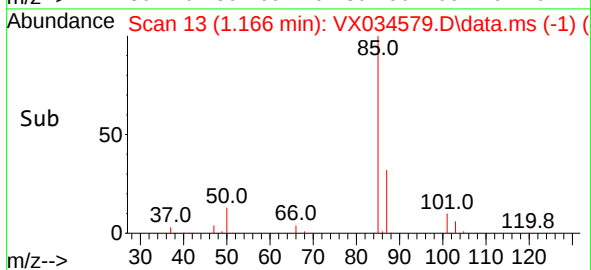
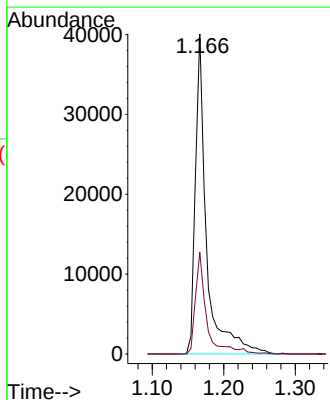
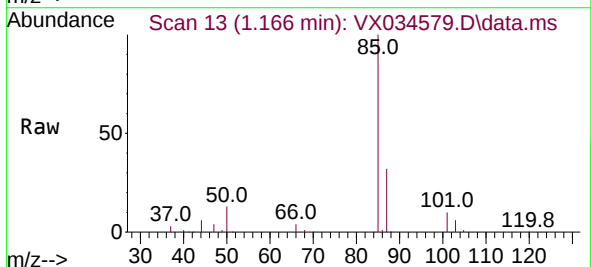
Manual Integrations
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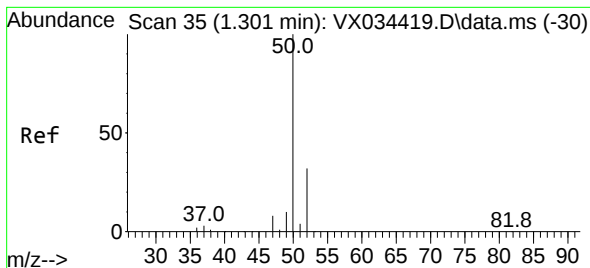
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#2
Dichlorodifluoromethane
Concen: 18.176 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 85 Resp: 43314
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.1





#3

Chloromethane

Concen: 15.744 ug/l

RT: 1.313 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 50 Resp: 6008

Ion Ratio Lower Upper

50 100

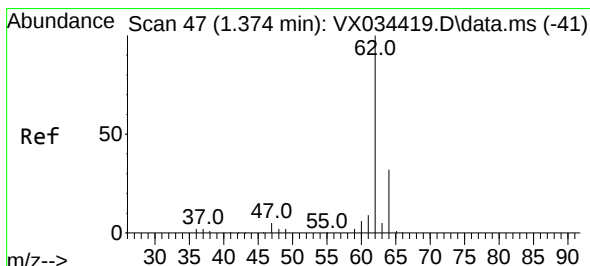
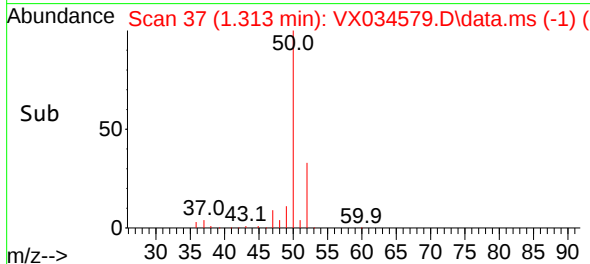
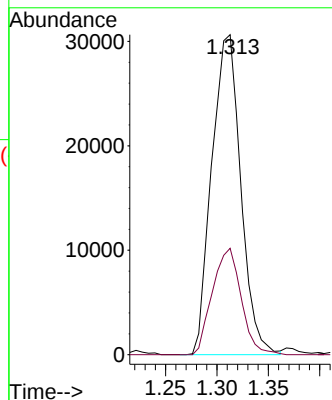
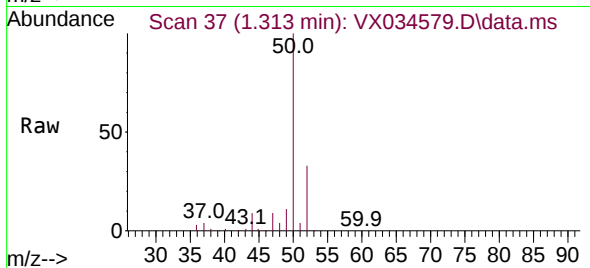
52 33.3 25.9 38.9

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#4

Vinyl Chloride

Concen: 18.332 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034579.D

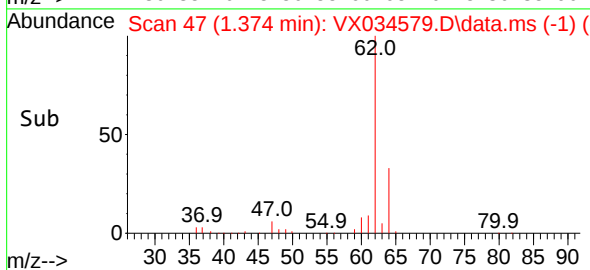
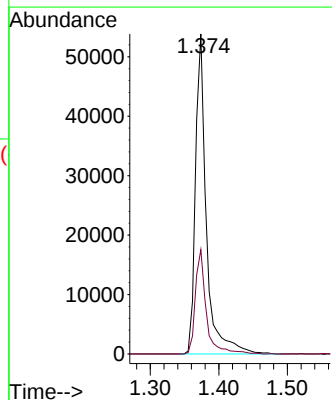
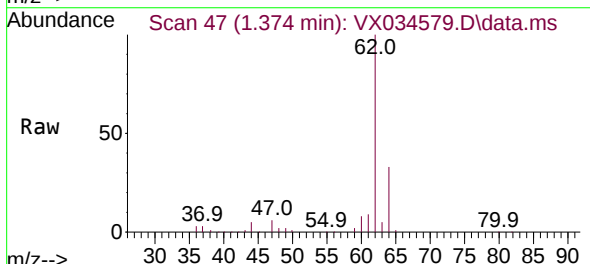
Acq: 17 Mar 2023 13:11

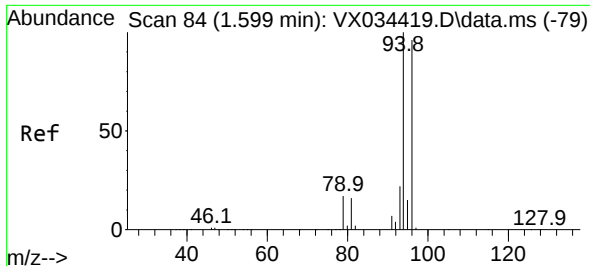
Tgt Ion: 62 Resp: 59484

Ion Ratio Lower Upper

62 100

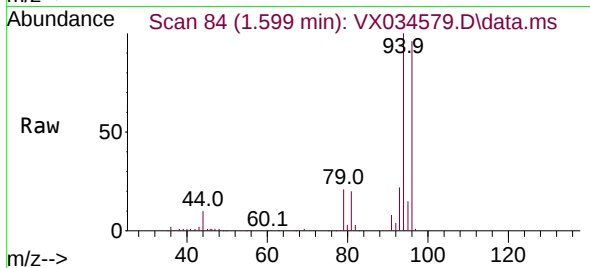
64 32.6 26.4 39.6





#5
Bromomethane
Concen: 21.833 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

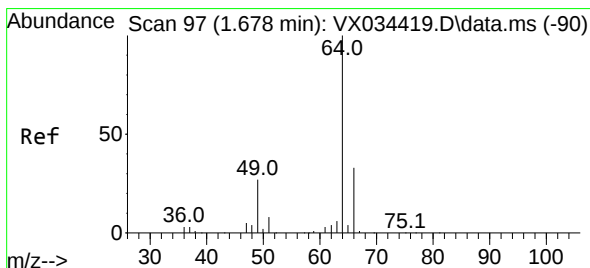
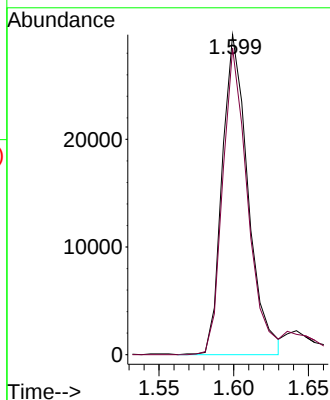
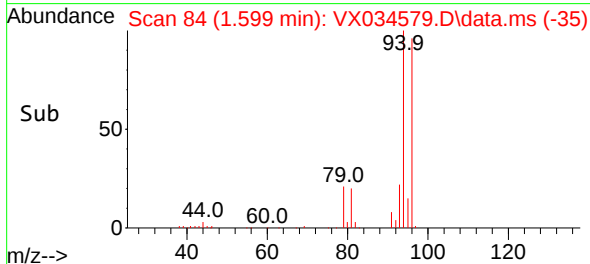
Instrument :
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Tgt Ion: 94 Resp: 35744
Ion Ratio Lower Upper
94 100
96 95.9 77.0 115.6

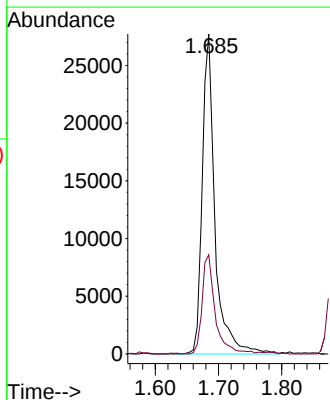
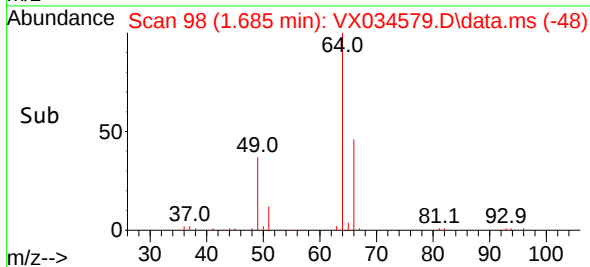
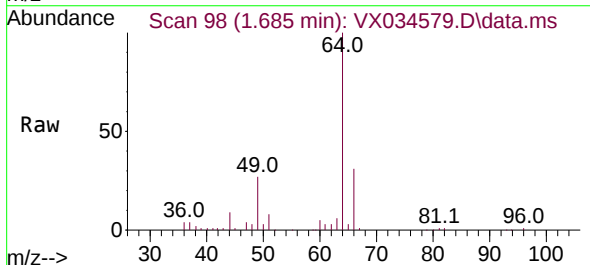
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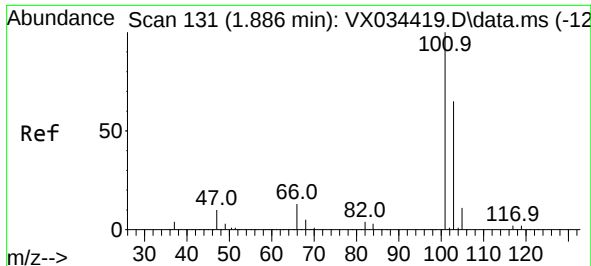
Reviewed By :John Carlone 03/20/2023
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#6
Chloroethane
Concen: 20.762 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX034579.D
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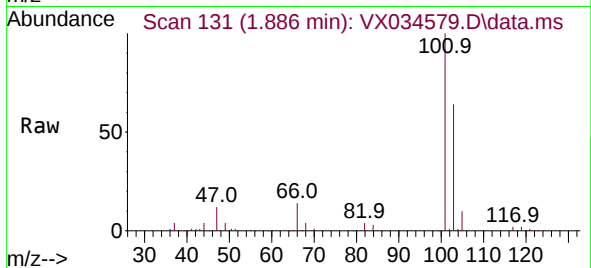
Tgt Ion: 64 Resp: 38789
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.992 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034579.D
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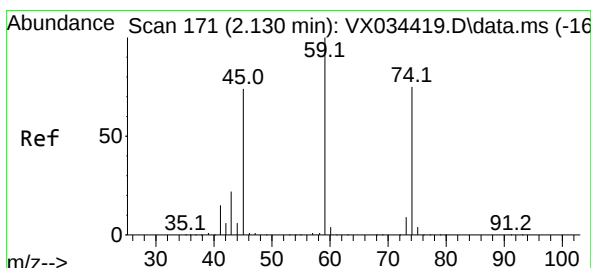
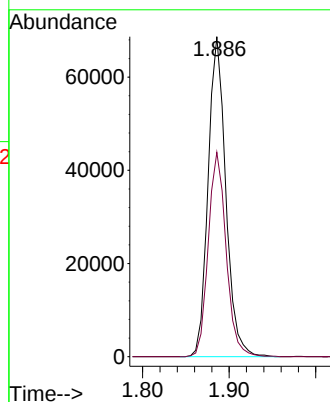
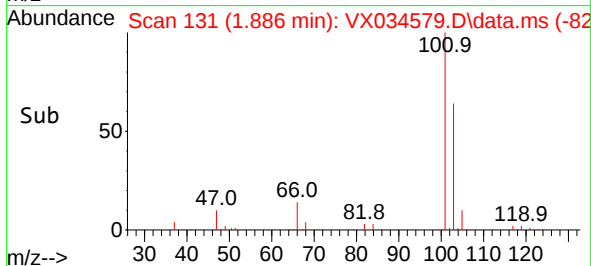
Instrument :
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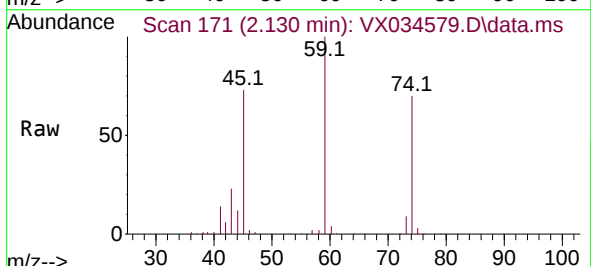
Tgt Ion:101 Resp: 9747
Ion Ratio Lower Upper
101 100
103 63.8 52.0 78.0

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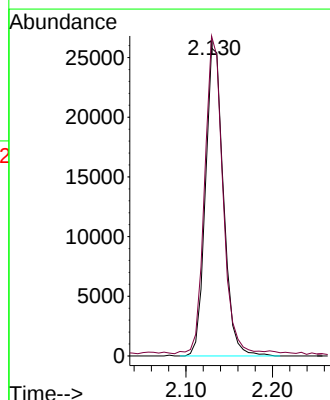
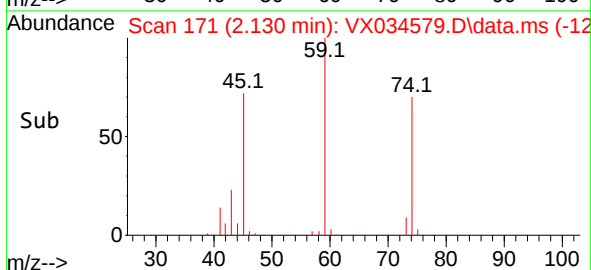
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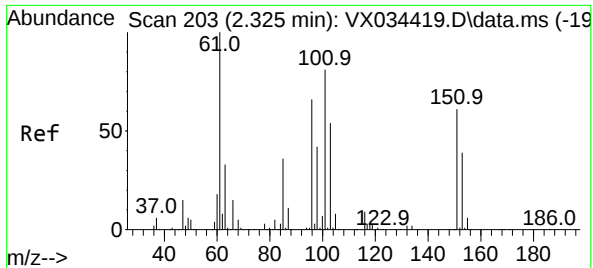


#8
Diethyl Ether
Concen: 21.032 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 37434
Ion Ratio Lower Upper
74 100
45 105.4 49.8 149.3





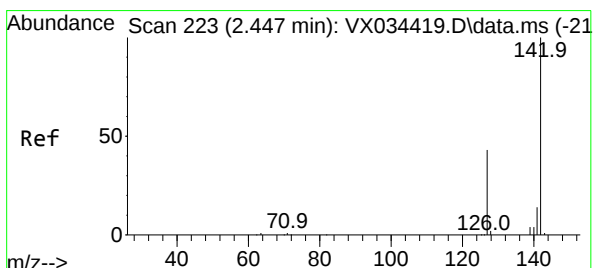
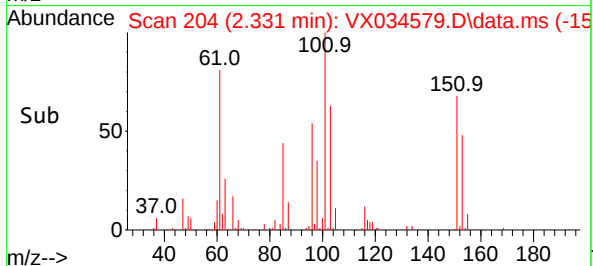
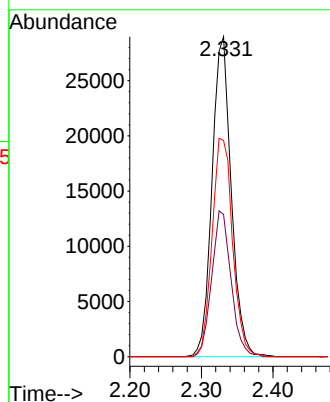
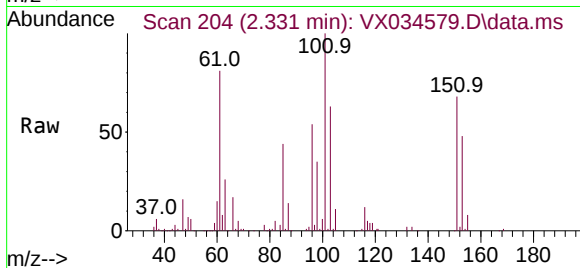
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.033 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion:101 Resp: 54080
Ion Ratio Lower Upper
101 100
85 45.8 35.4 53.2
151 72.8 60.2 90.4

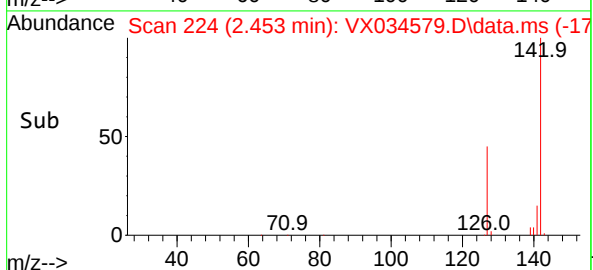
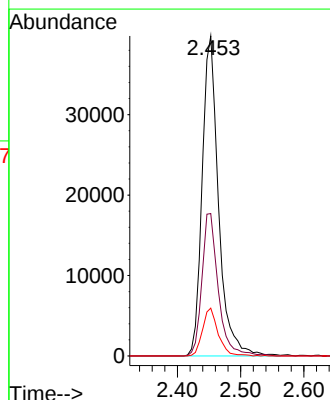
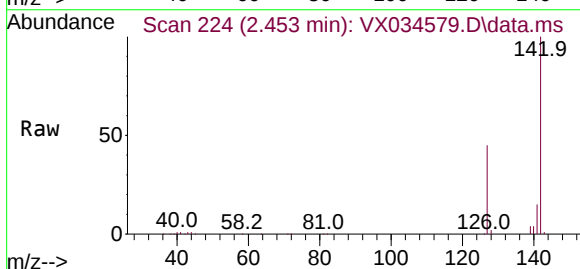
Manual Integrations
APPROVED

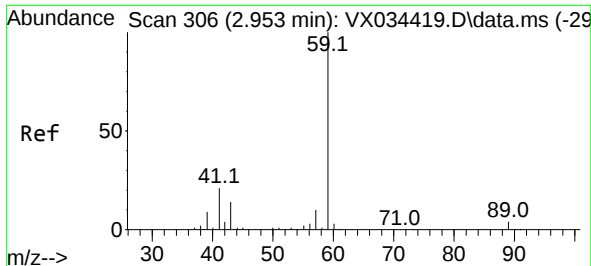
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 19.247 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

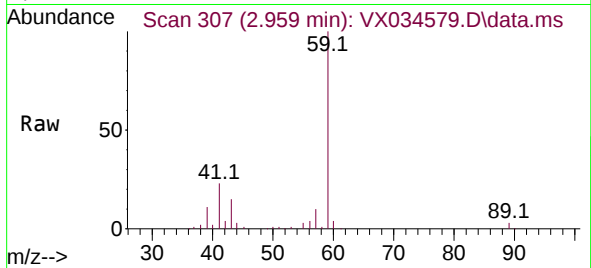
Tgt Ion:142 Resp: 71800
Ion Ratio Lower Upper
142 100
127 44.6 34.0 51.0
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 102.433 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

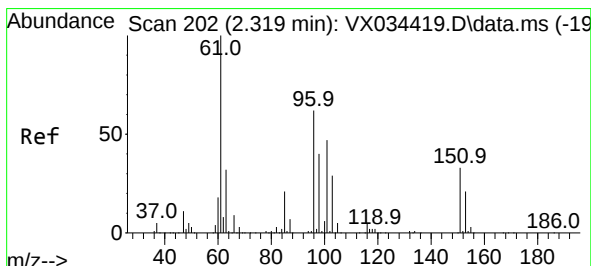
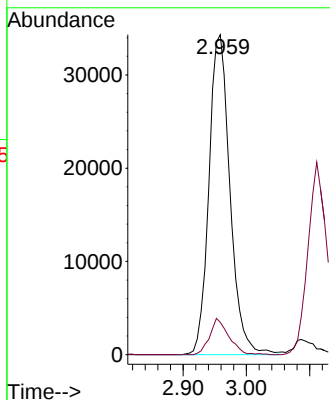
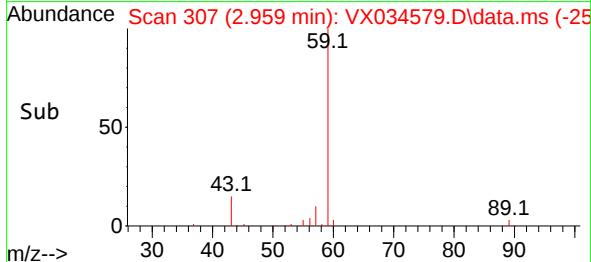
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



Tgt Ion: 59 Resp: 7932
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

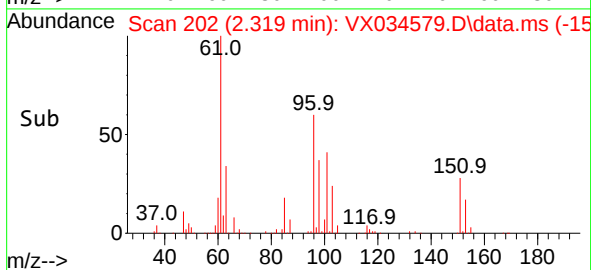
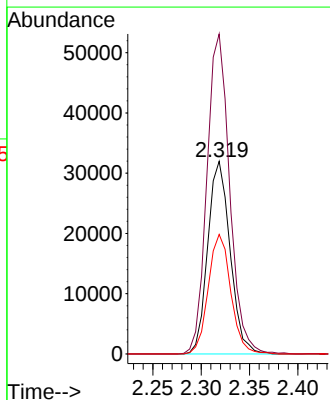
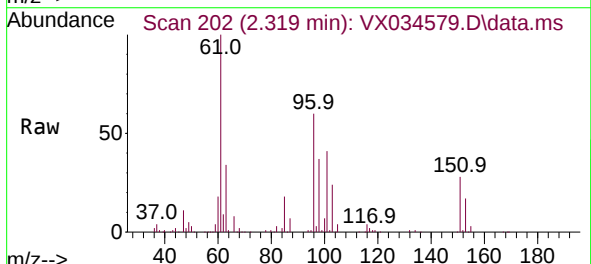
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 18.382 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 96 Resp: 51440
Ion Ratio Lower Upper
96 100
61 166.1 128.8 193.2
98 62.1 51.4 77.0





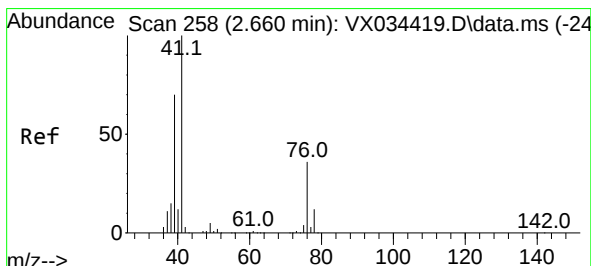
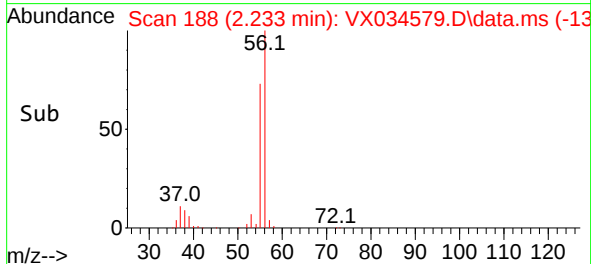
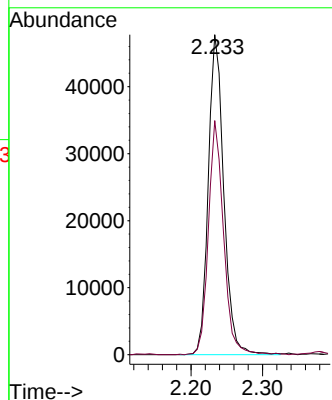
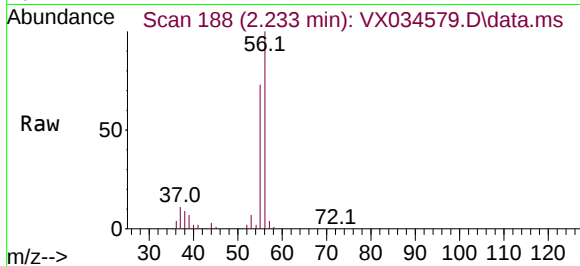
#13
Acrolein
Concen: 117.227 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion: 56 Resp: 7181
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0

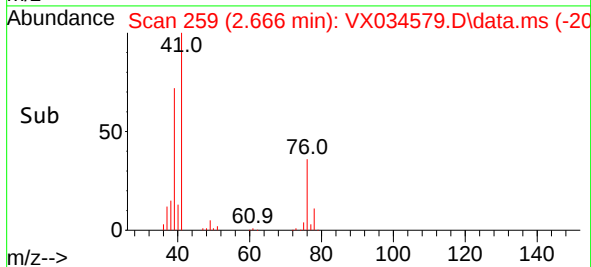
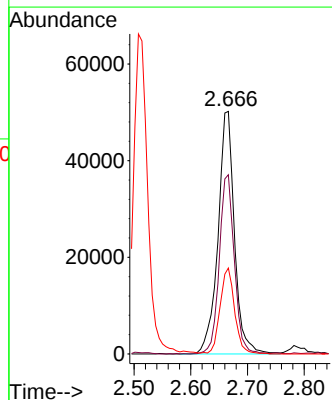
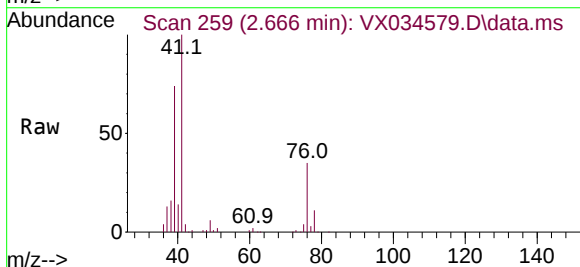
Manual Integrations
APPROVED

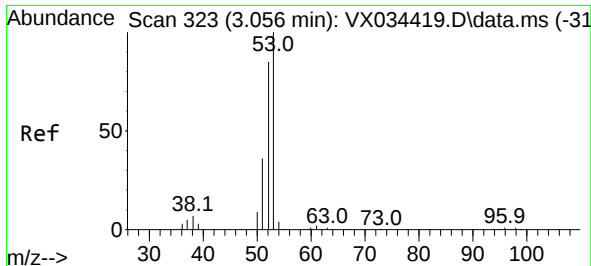
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 17.865 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 41 Resp: 101356
Ion Ratio Lower Upper
41 100
39 67.3 52.4 78.6
76 31.3 26.0 39.0





#15

Acrylonitrile

Concen: 106.144 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 53 Resp: 177564

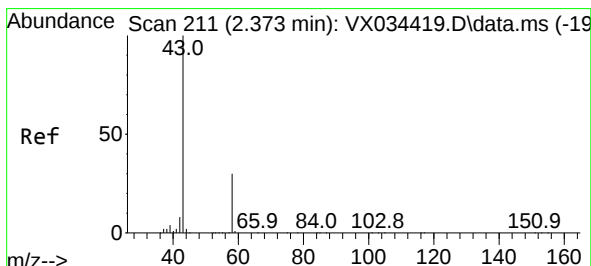
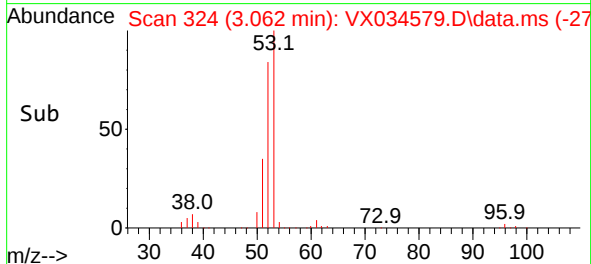
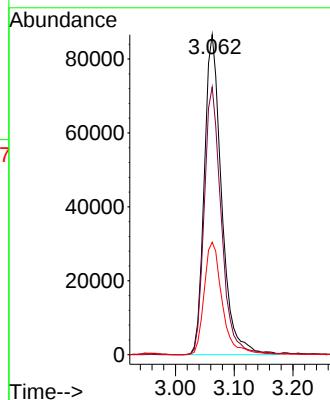
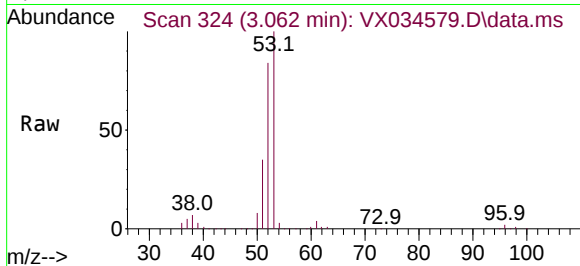
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.2
51	37.0	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#16

Acetone

Concen: 94.707 ug/l

RT: 2.380 min Scan# 212

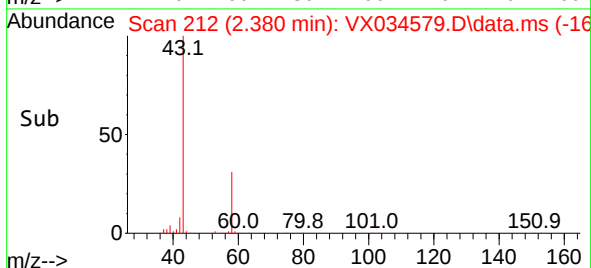
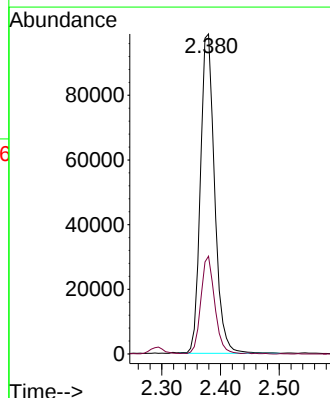
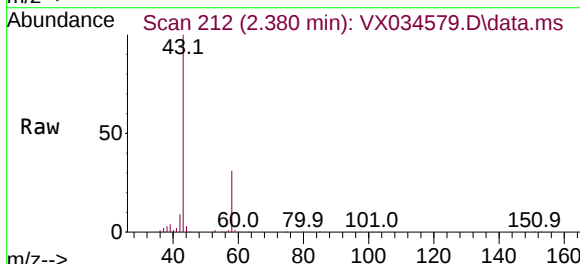
Delta R.T. 0.006 min

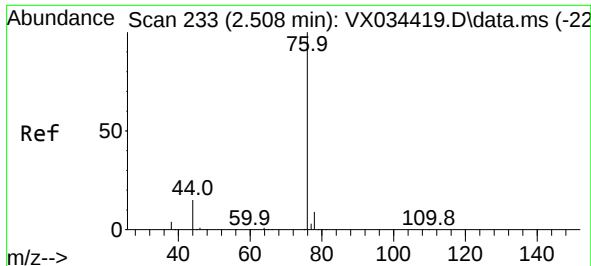
Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Tgt Ion: 43 Resp: 165900

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.7	37.1





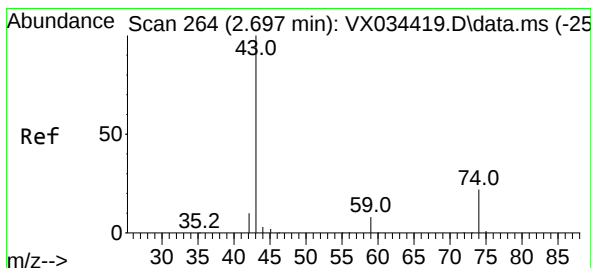
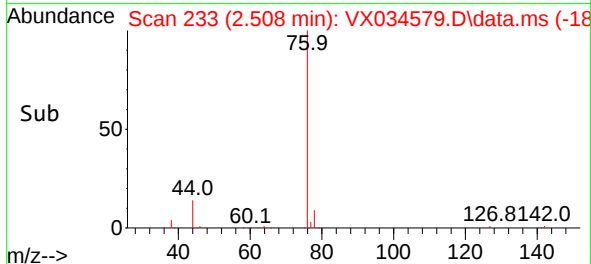
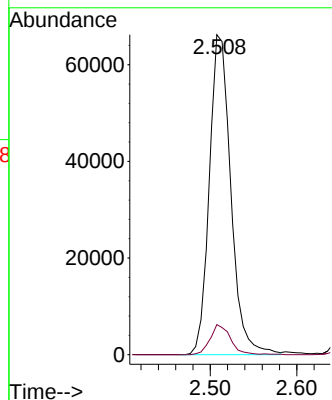
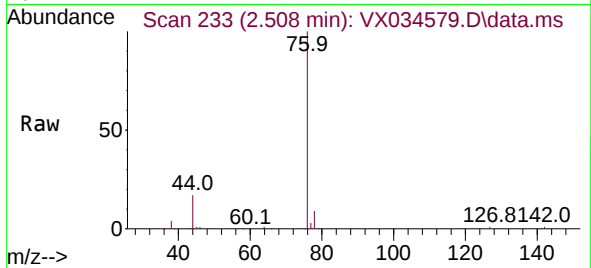
#17
Carbon Disulfide
Concen: 14.517 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion: 76 Resp: 11432
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

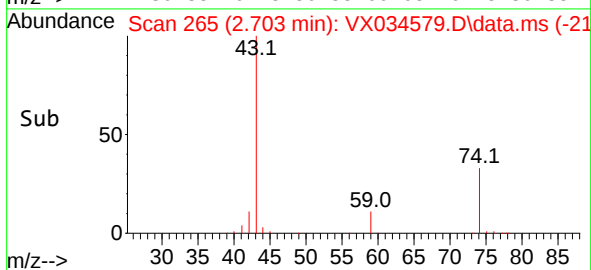
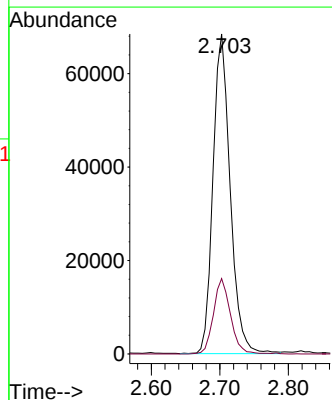
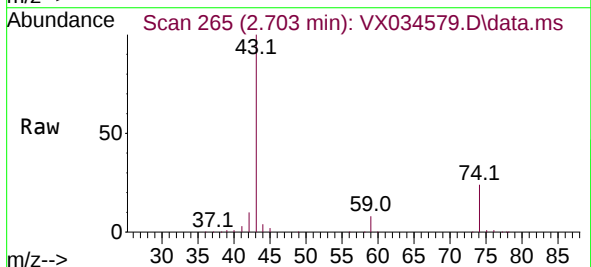
Manual Integrations
APPROVED

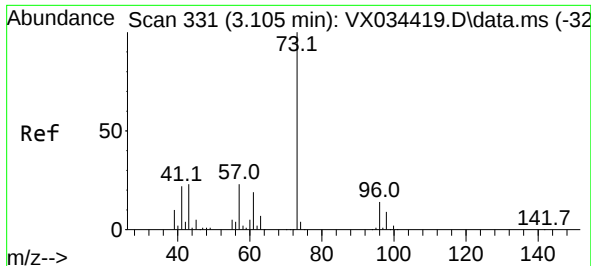
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#18
Methyl Acetate
Concen: 20.811 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 43 Resp: 119116
Ion Ratio Lower Upper
43 100
74 23.2 18.3 27.5





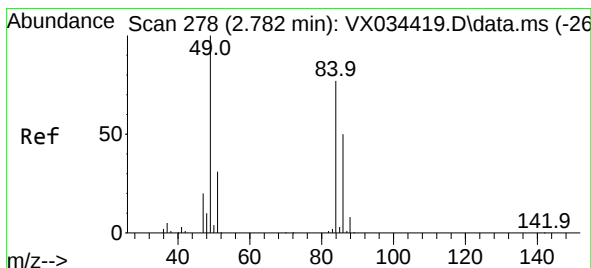
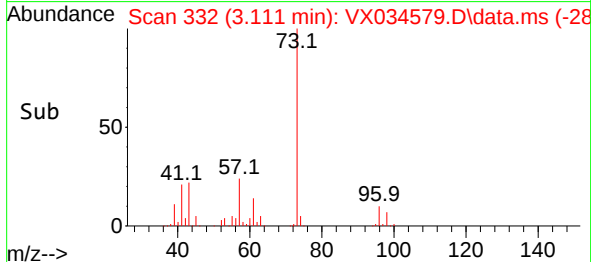
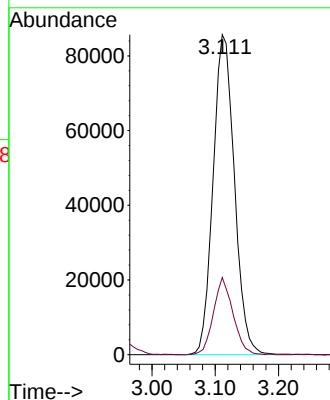
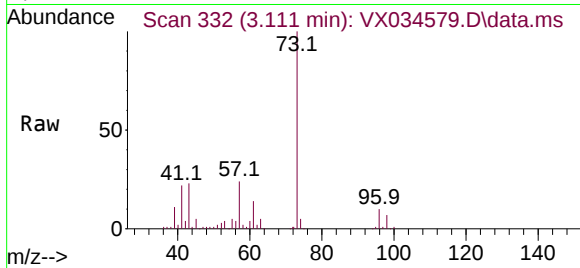
#19
Methyl tert-butyl Ether
Concen: 19.989 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion: 73 Resp: 200270
Ion Ratio Lower Upper
73 100
57 24.1 18.5 27.7

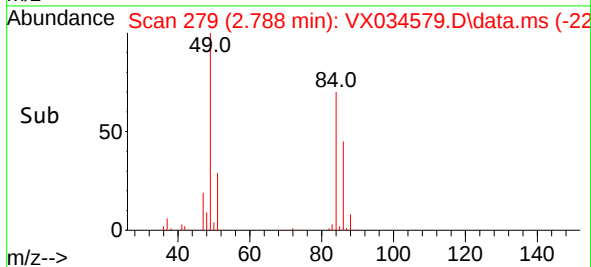
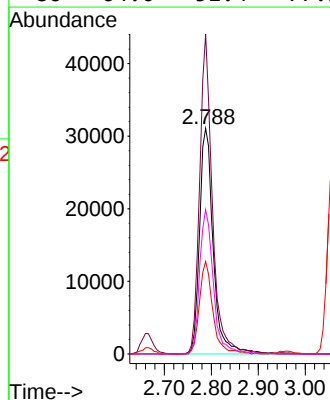
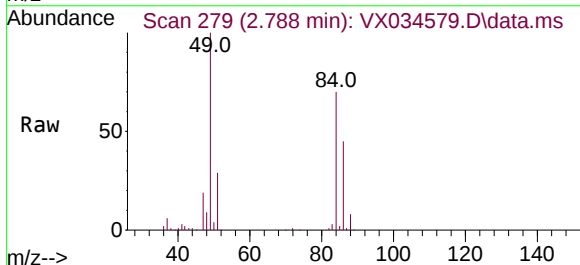
Manual Integrations
APPROVED

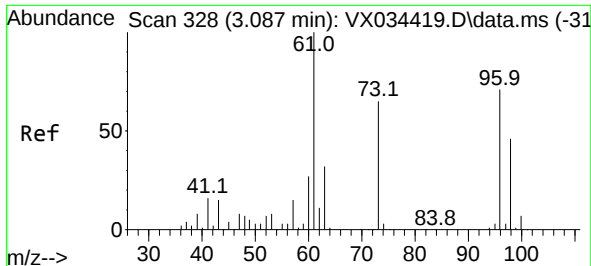
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#20
Methylene Chloride
Concen: 18.590 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

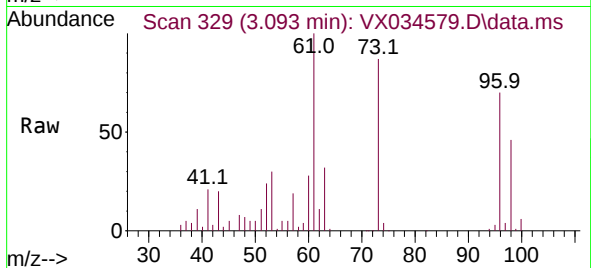
Tgt Ion: 84 Resp: 63203
Ion Ratio Lower Upper
84 100
49 141.9 103.8 155.8
51 41.0 31.8 47.8
86 64.0 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 18.547 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

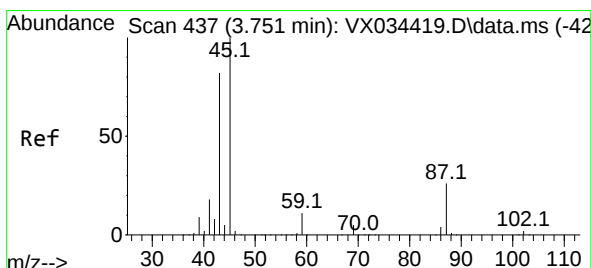
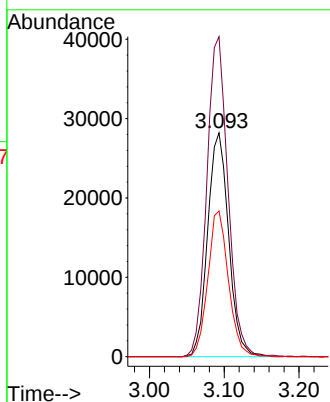
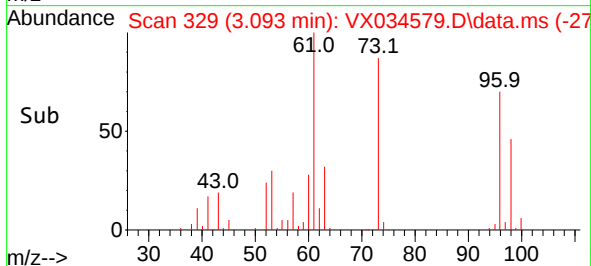
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



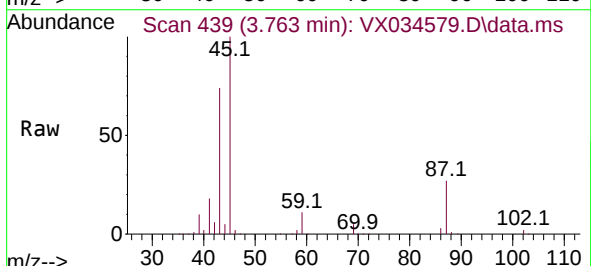
Tgt Ion: 96 Resp: 55120
Ion Ratio Lower Upper
96 100
61 143.0 113.0 169.6
98 65.2 52.1 78.1

Manual Integrations
APPROVED

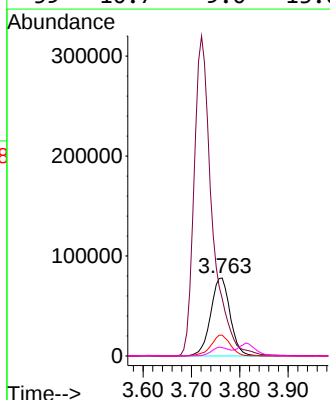
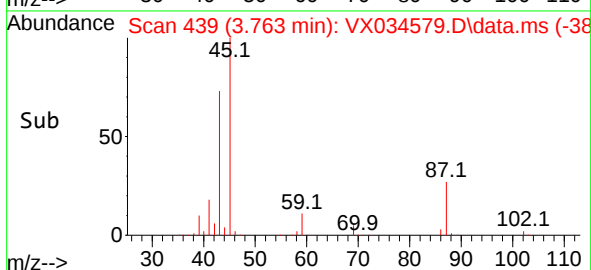
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

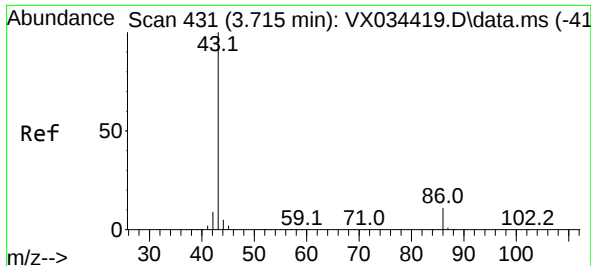


#22
Diisopropyl ether
Concen: 20.174 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.012 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11



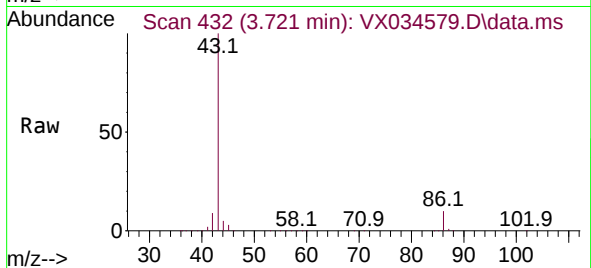
Tgt Ion: 45 Resp: 218212
Ion Ratio Lower Upper
45 100
43 73.3 65.4 98.2
87 26.7 20.6 31.0
59 10.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 101.186 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034579.D
 Acq: 17 Mar 2023 13:11

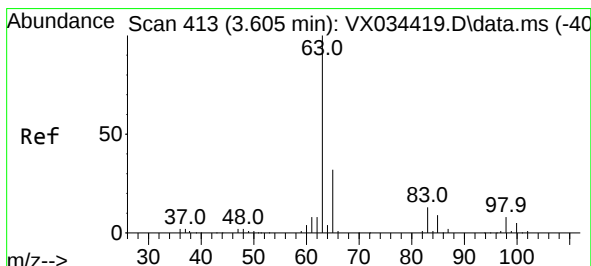
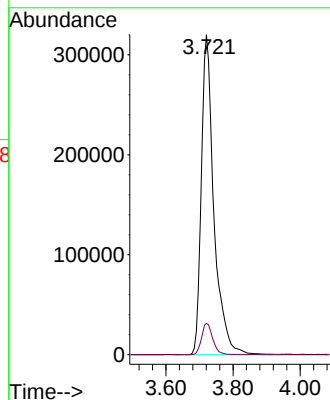
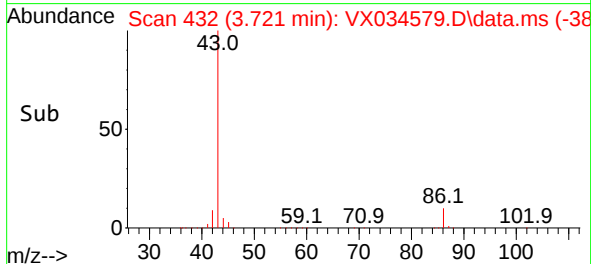
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01



Tgt Ion: 43 Resp: 832980
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

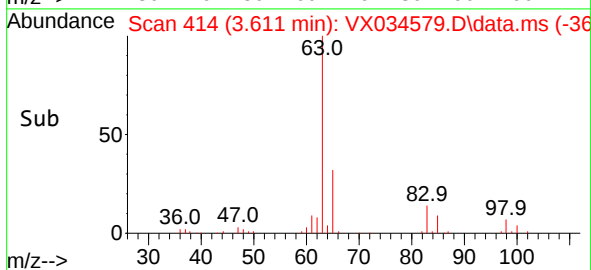
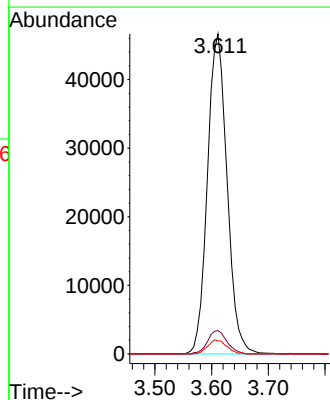
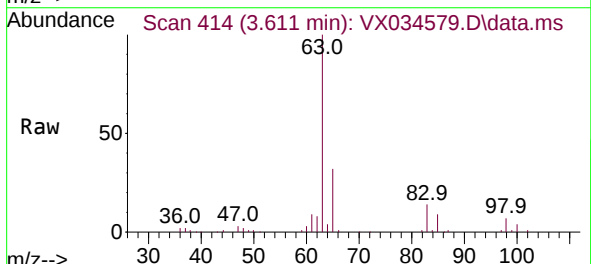
Manual Integrations
 APPROVED

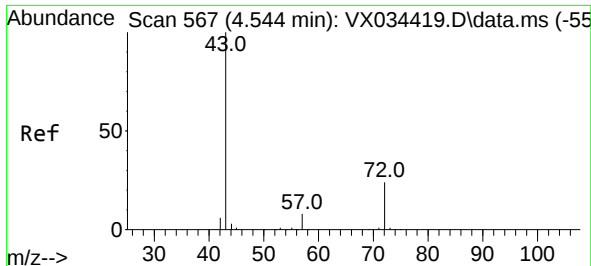
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.308 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034579.D
 Acq: 17 Mar 2023 13:11

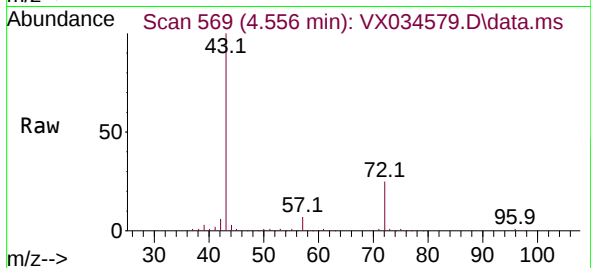
Tgt Ion: 63 Resp: 112270
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.1 2.4 7.1





#25
2-Butanone
Concen: 104.013 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

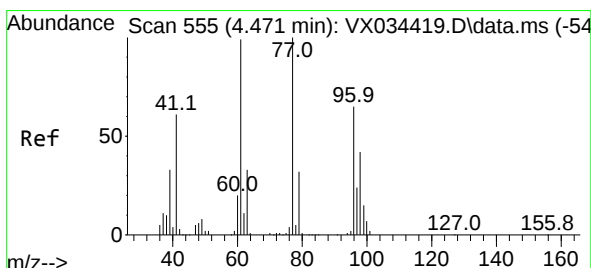
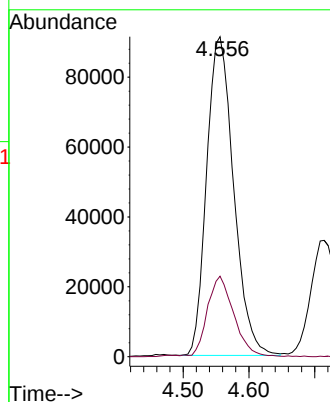
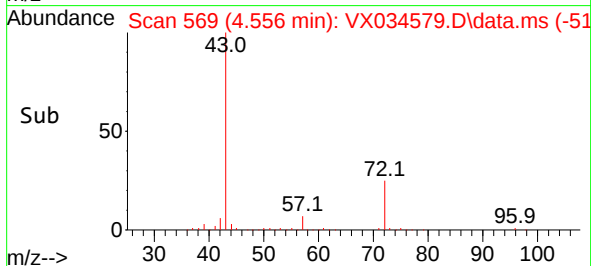
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



Tgt Ion: 43 Resp: 26070
Ion Ratio Lower Upper
43 100
72 25.1 19.3 28.9

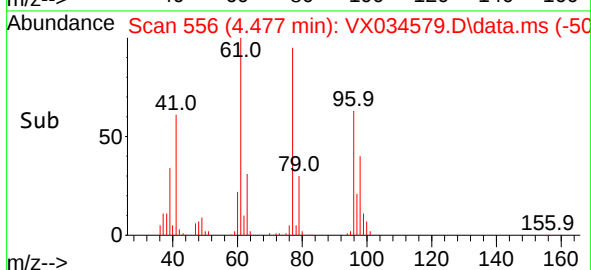
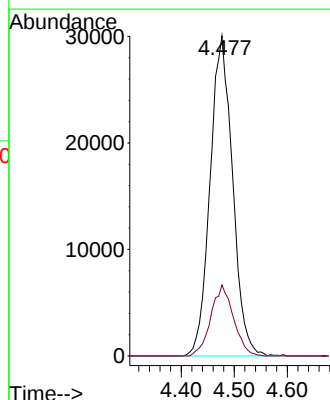
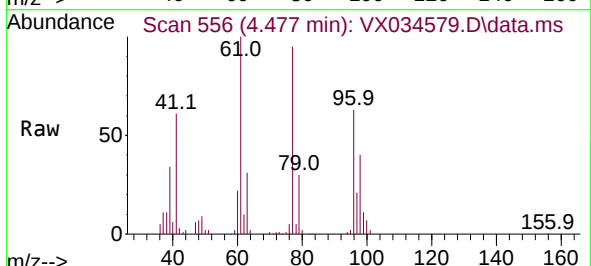
Manual Integrations
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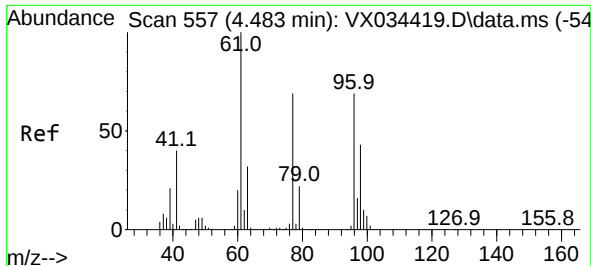
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#26
2,2-Dichloropropane
Concen: 17.531 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 77 Resp: 88608
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.099 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 96 Resp: 6832

Ion Ratio Lower Upper

96 100

61 149.1 0.0 300.4

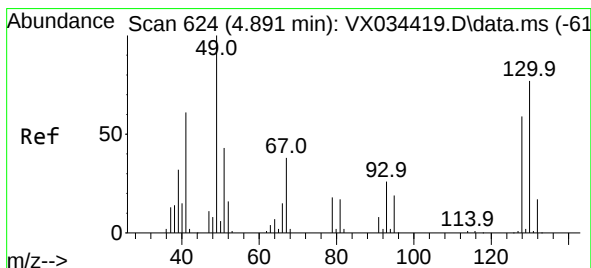
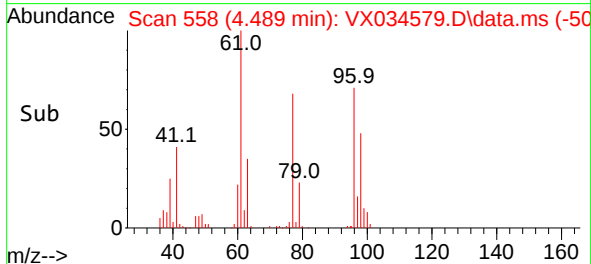
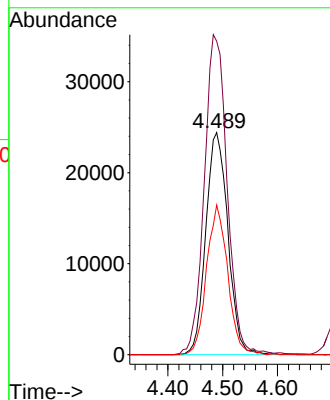
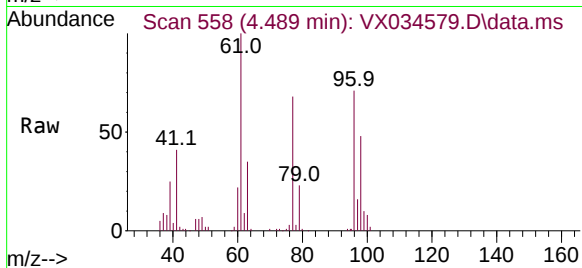
98 64.4 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#28

Bromochloromethane

Concen: 18.791 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

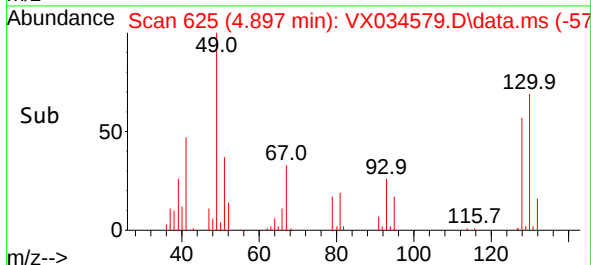
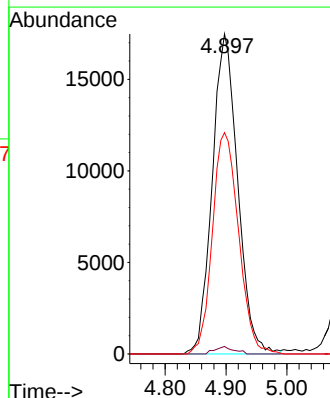
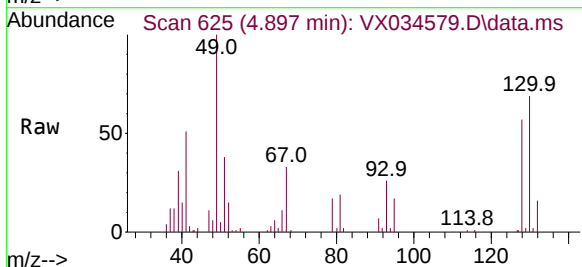
Tgt Ion: 49 Resp: 50803

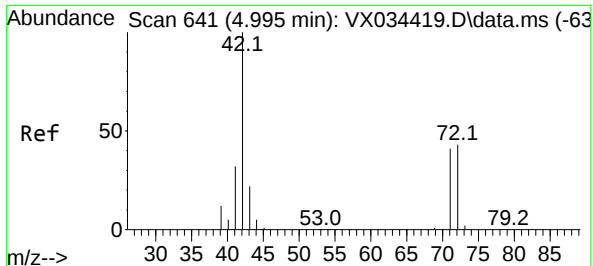
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 71.1 58.2 87.2





#29

Tetrahydrofuran

Concen: 107.484 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 42 Resp: 166240

Ion Ratio Lower Upper

42 100

72 42.9 34.5 51.7

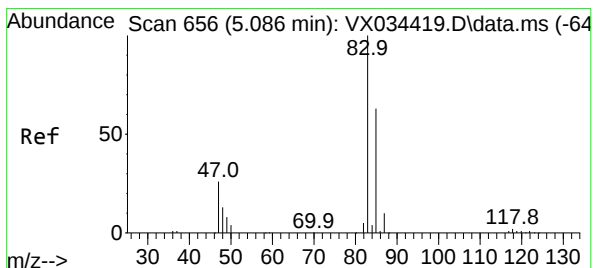
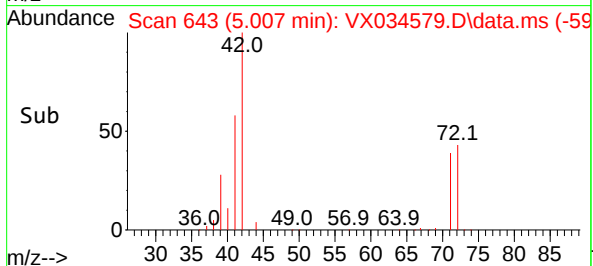
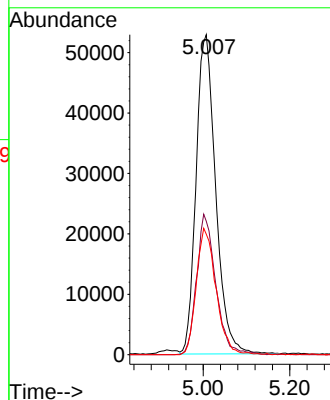
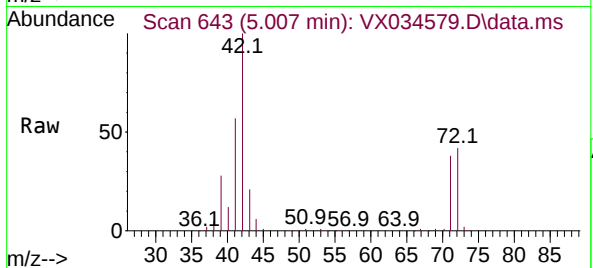
71 39.8 32.1 48.1

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 20.400 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034579.D

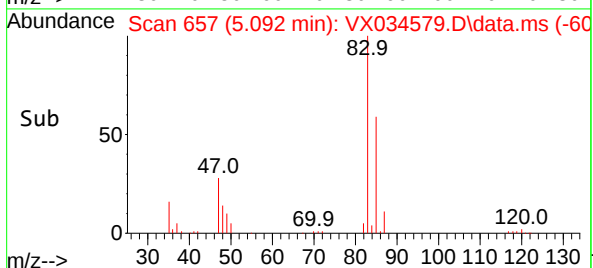
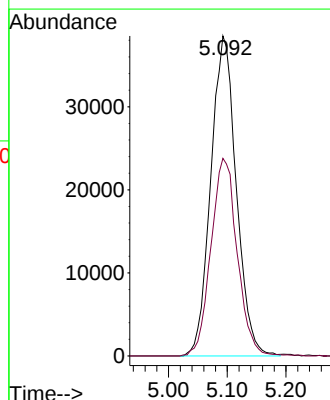
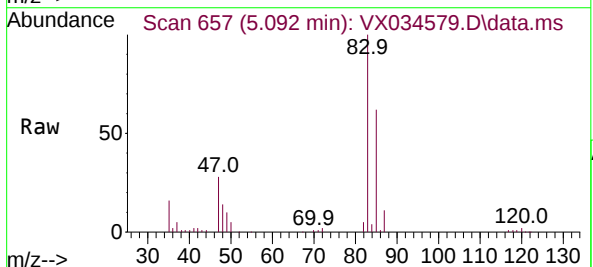
Acq: 17 Mar 2023 13:11

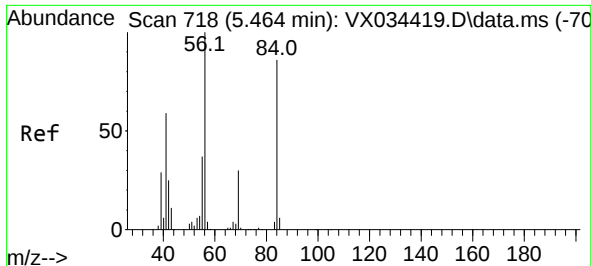
Tgt Ion: 83 Resp: 116272

Ion Ratio Lower Upper

83 100

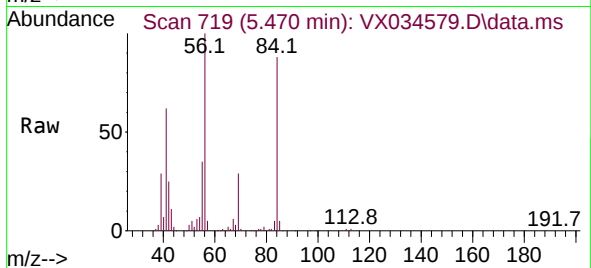
85 61.7 50.6 76.0





#31
Cyclohexane
Concen: 18.200 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

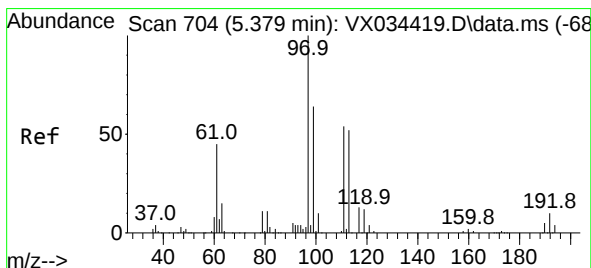
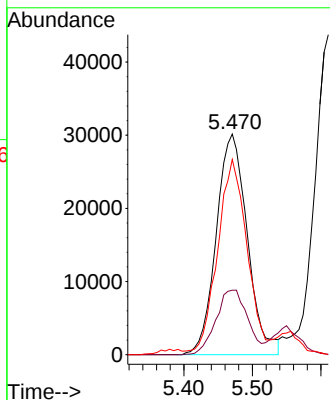
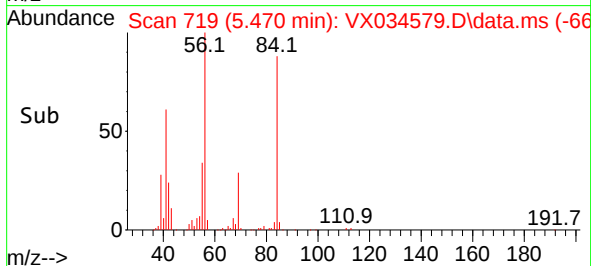
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



Tgt Ion: 56 Resp: 9492
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 86.0 68.5 102.7

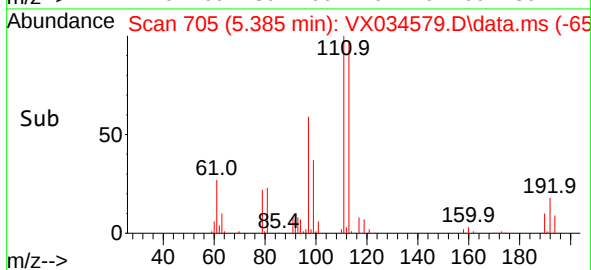
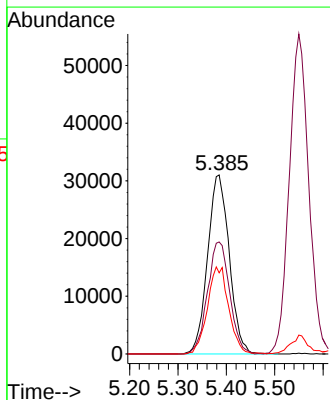
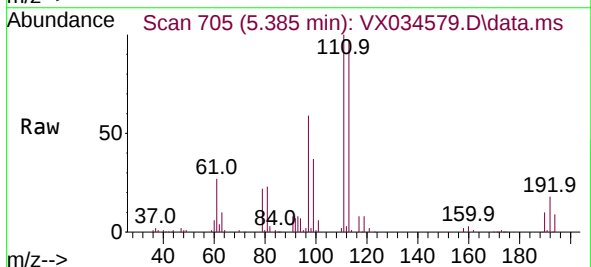
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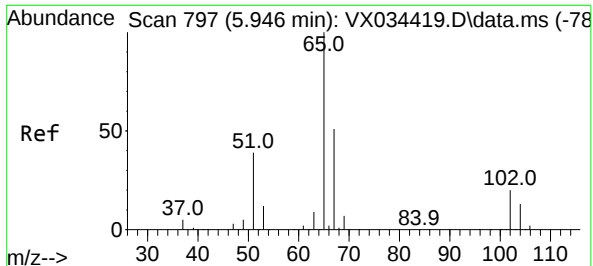
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.136 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 97 Resp: 96553
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 47.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.352 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 65 Resp: 194684

Ion Ratio Lower Upper

65 100

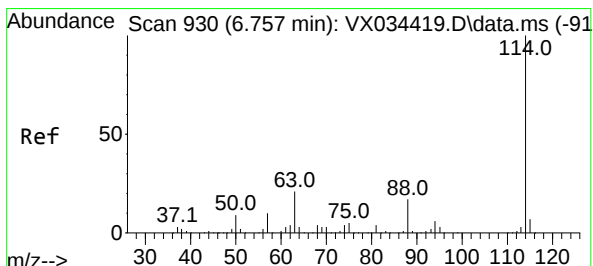
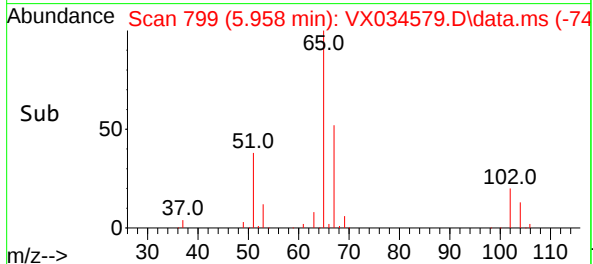
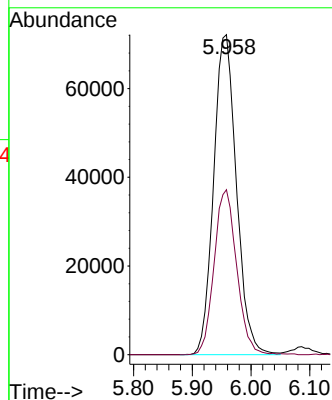
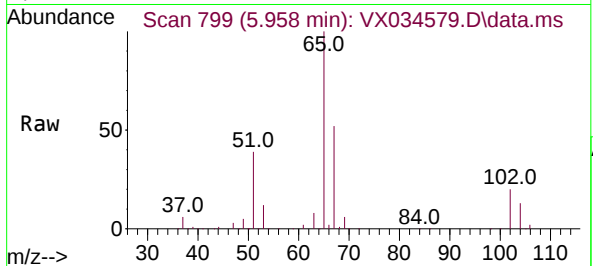
67 51.1 0.0 104.0

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: VX034579.D

Acq: 17 Mar 2023 13:11

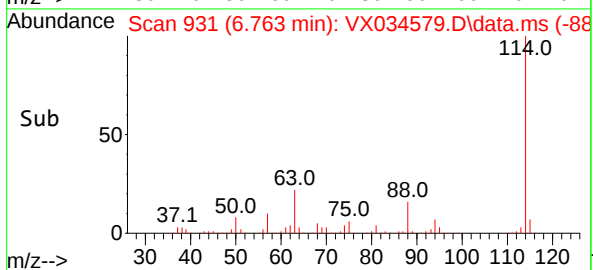
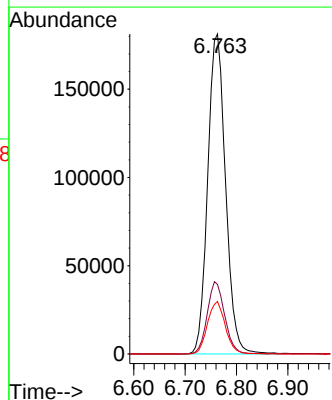
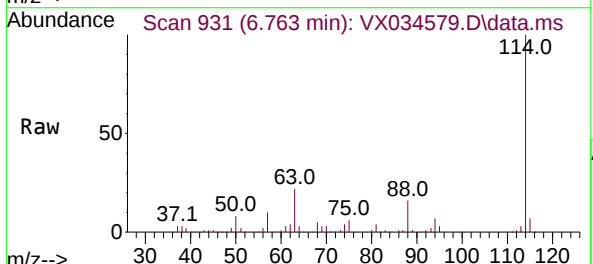
Tgt Ion:114 Resp: 437233

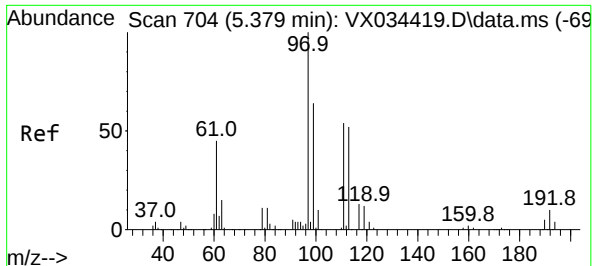
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.271 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034579.D

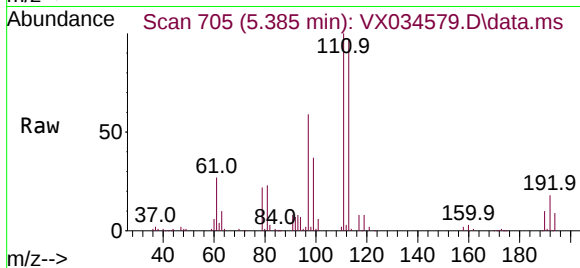
Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01



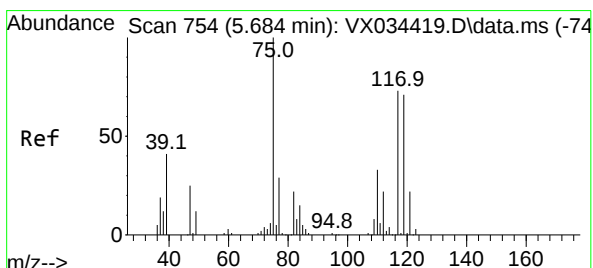
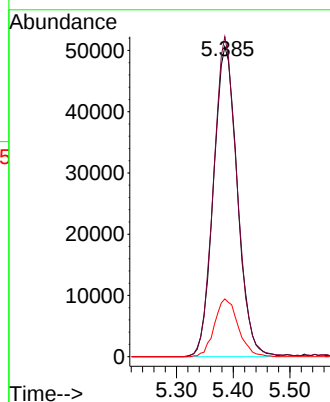
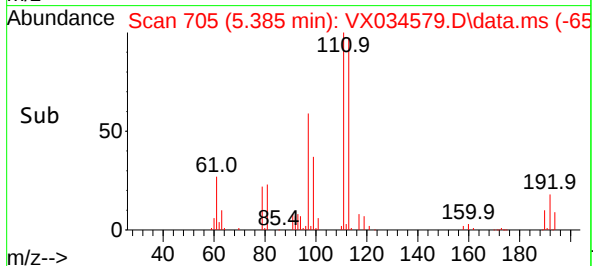
Tgt Ion:	113	Resp:	14801
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.7	125.5
192	18.5	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#36

1,1-Dichloropropene

Concen: 17.974 ug/l

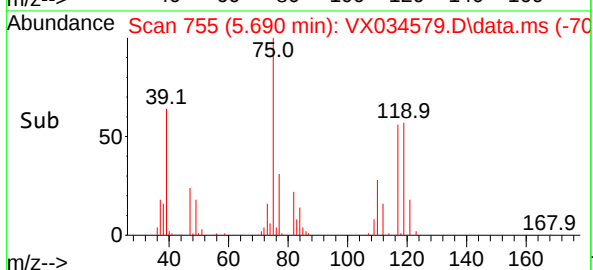
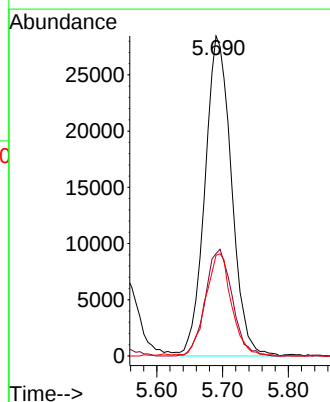
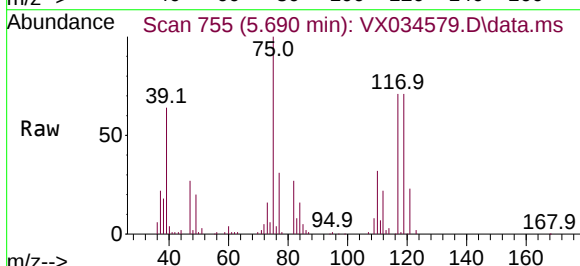
RT: 5.690 min Scan# 755

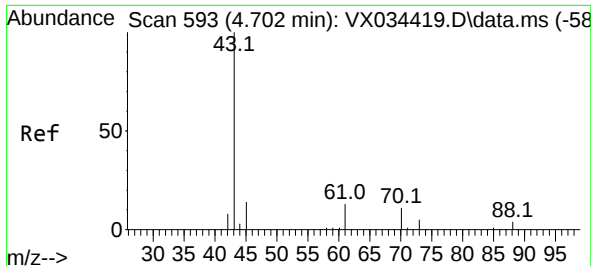
Delta R.T. 0.006 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Tgt Ion:	75	Resp:	79695
Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.5	52.5
77	31.5	24.3	36.5





#37

Ethyl Acetate

Concen: 20.249 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

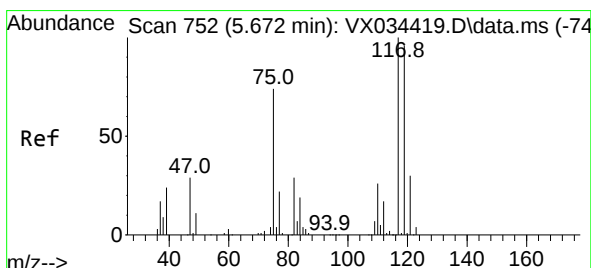
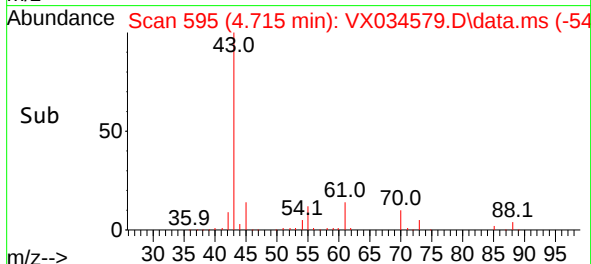
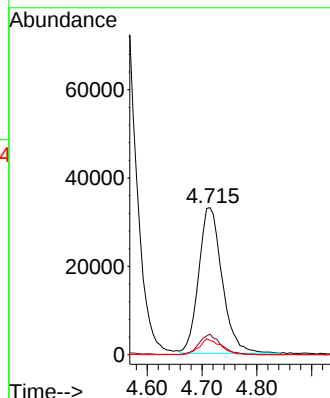
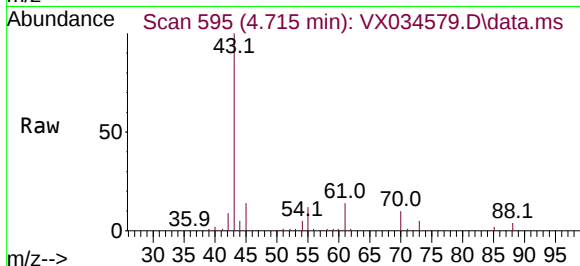
Tgt Ion: 43	Resp: 9808
Ion Ratio	Lower Upper
43 100	
61 13.1	10.2 15.4
70 9.9	8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#38

Carbon Tetrachloride

Concen: 17.590 ug/l

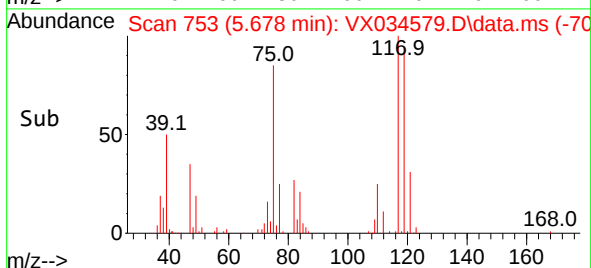
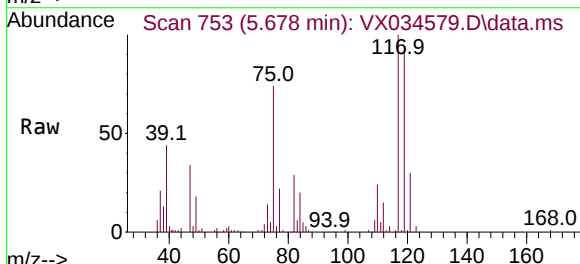
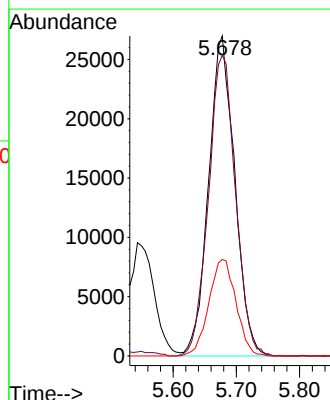
RT: 5.678 min Scan# 753

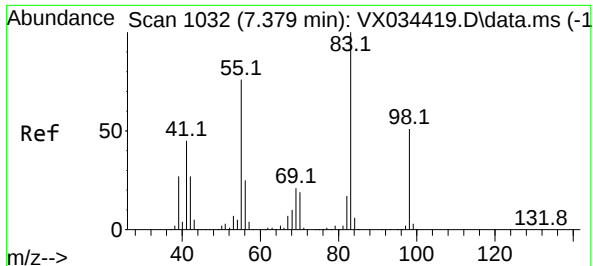
Delta R.T. 0.006 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Tgt Ion: 117	Resp: 77589
Ion Ratio	Lower Upper
117 100	
119 93.8	76.6 114.8
121 30.1	23.8 35.6





#39

Methylcyclohexane

Concen: 17.190 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 83 Resp: 91215

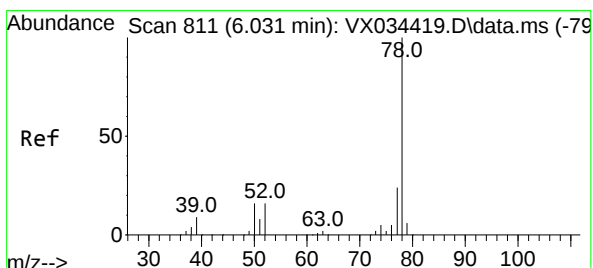
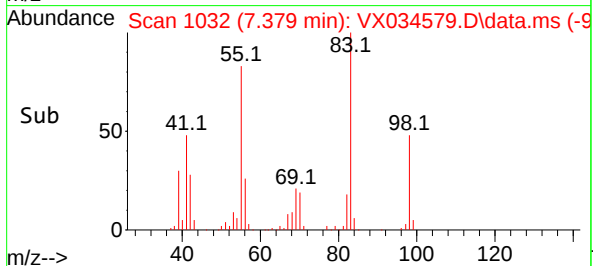
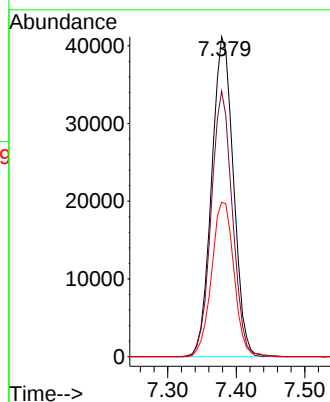
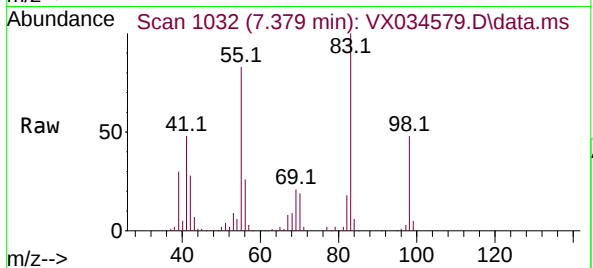
Ion	Ratio	Lower	Upper
83	100		
55	83.0	60.5	90.7
98	48.2	40.4	60.6

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 18.840 ug/l

RT: 6.037 min Scan# 812

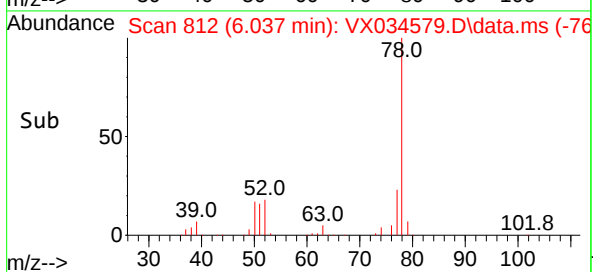
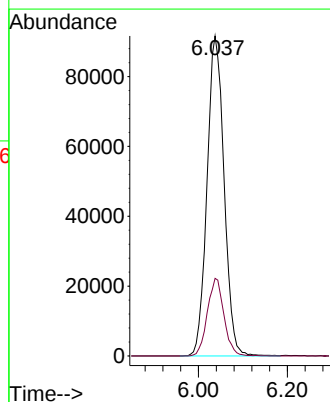
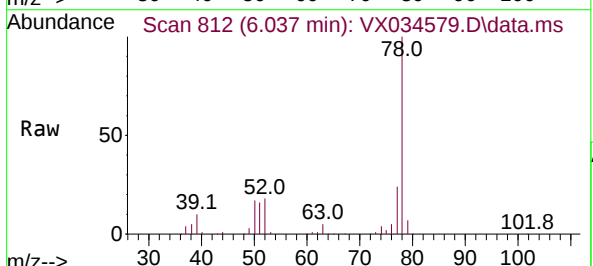
Delta R.T. 0.006 min

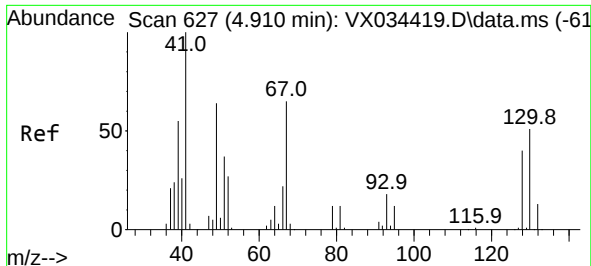
Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Tgt Ion: 78 Resp: 244380

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





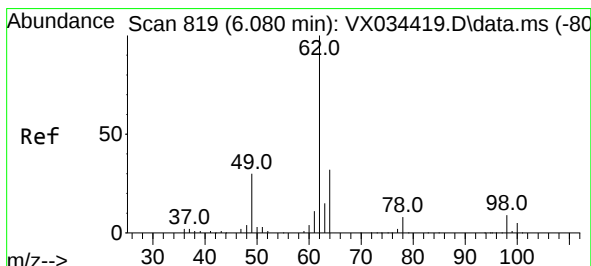
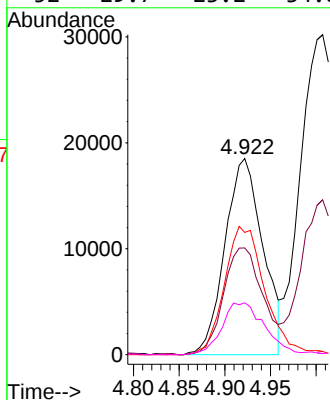
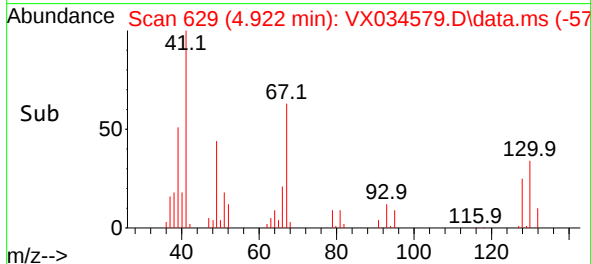
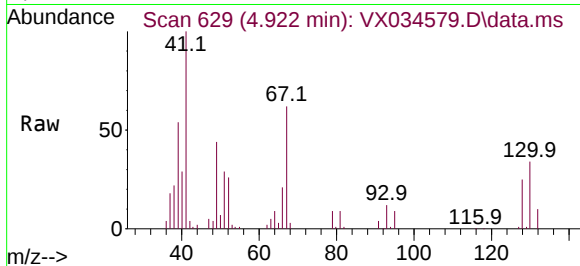
#41
Methacrylonitrile
Concen: 20.138 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion: 41 Resp: 53459
Ion Ratio Lower Upper
41 100
39 56.3 45.0 67.6
67 70.1 55.6 83.4
52 29.7 23.2 34.8

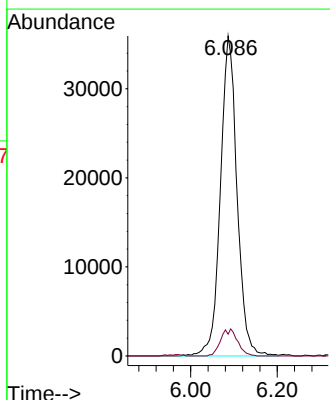
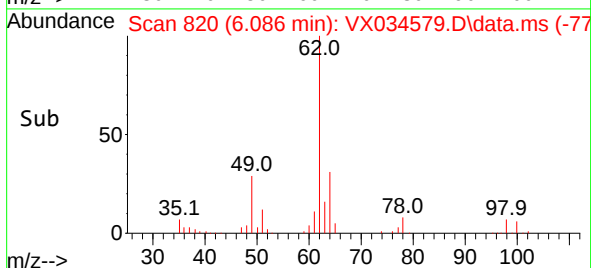
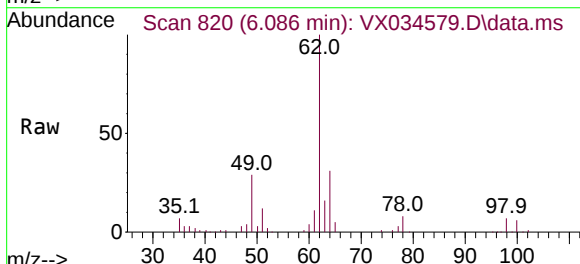
Manual Integrations
APPROVED

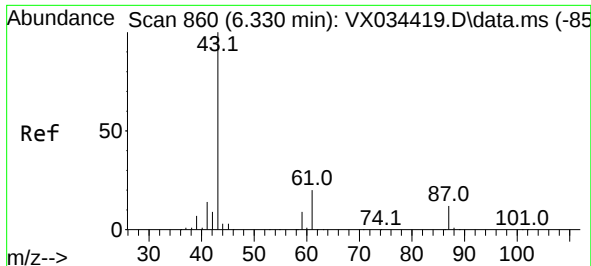
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#42
1,2-Dichloroethane
Concen: 20.180 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 62 Resp: 96199
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43

Isopropyl Acetate

Concen: 19.684 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 43 Resp: 16152

Ion Ratio Lower Upper

43 100

61 19.3 15.2 22.8

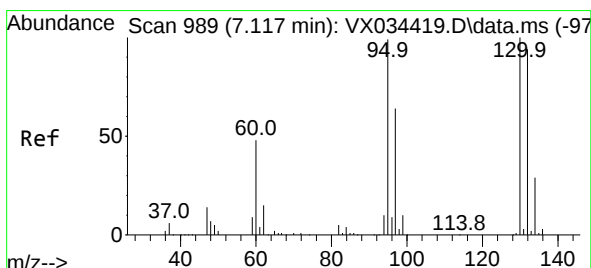
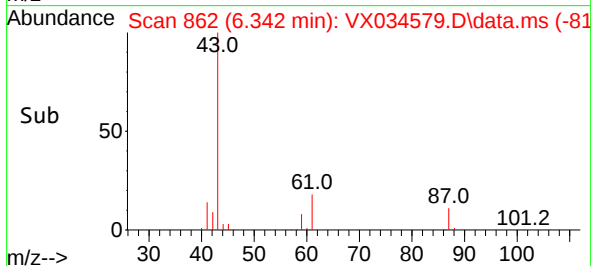
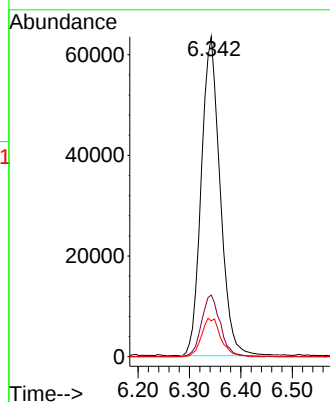
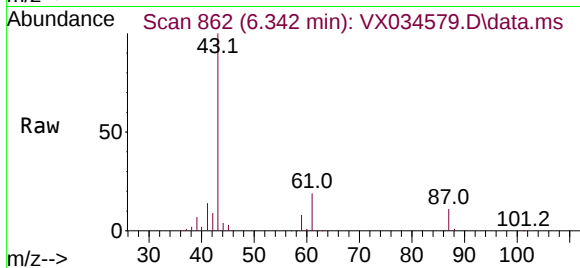
87 12.4 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#44

Trichloroethene

Concen: 18.607 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034579.D

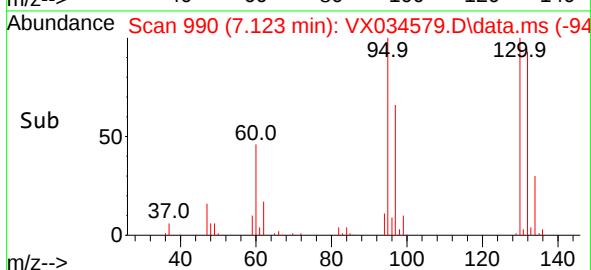
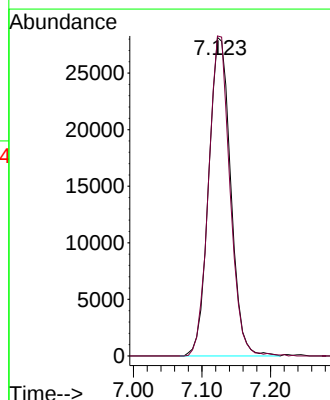
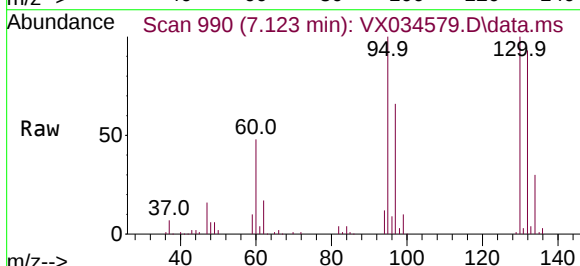
Acq: 17 Mar 2023 13:11

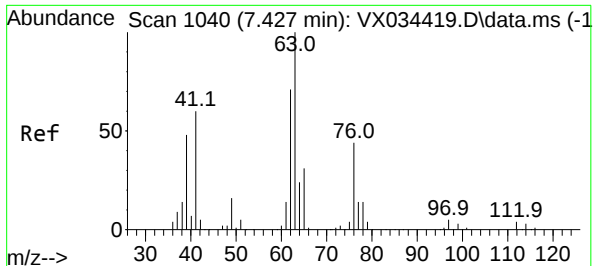
Tgt Ion:130 Resp: 62709

Ion Ratio Lower Upper

130 100

95 100.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.205 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 63 Resp: 6504

Ion Ratio Lower Upper

63 100

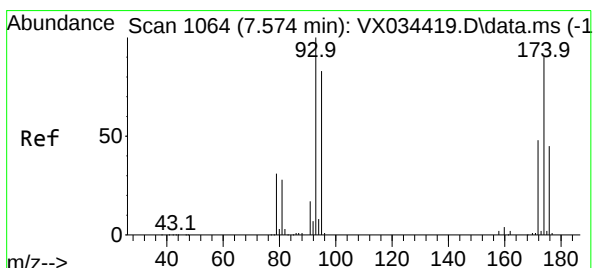
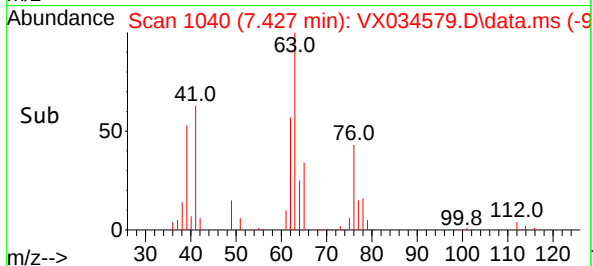
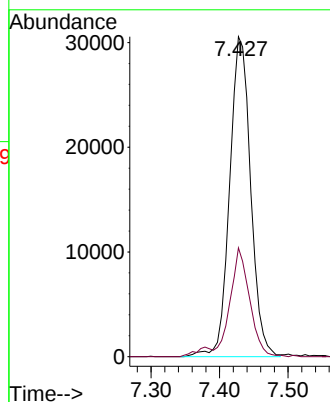
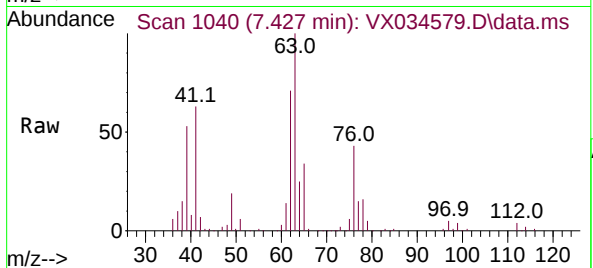
65 34.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 19.173 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

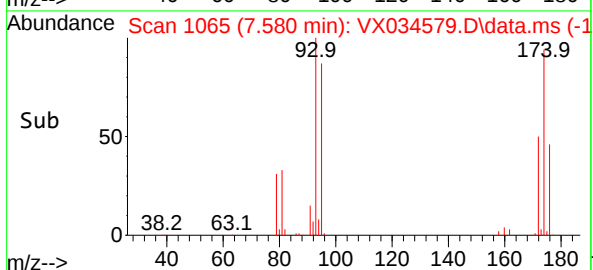
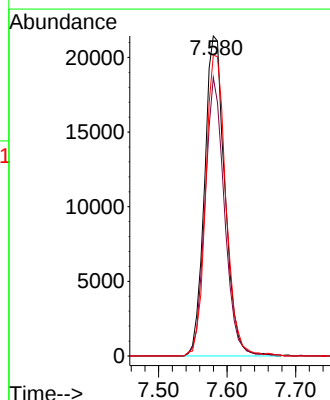
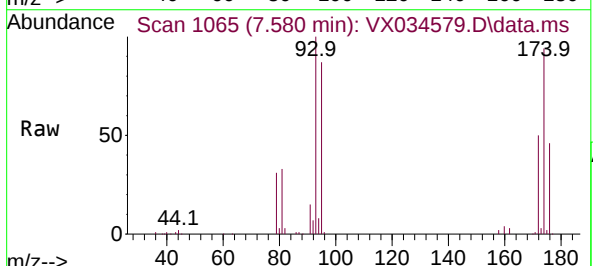
Tgt Ion: 93 Resp: 44146

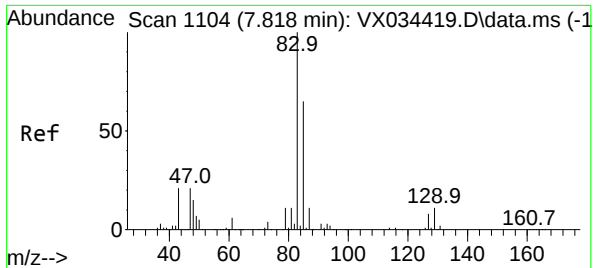
Ion Ratio Lower Upper

93 100

95 83.4 66.9 100.3

174 93.7 75.4 113.0





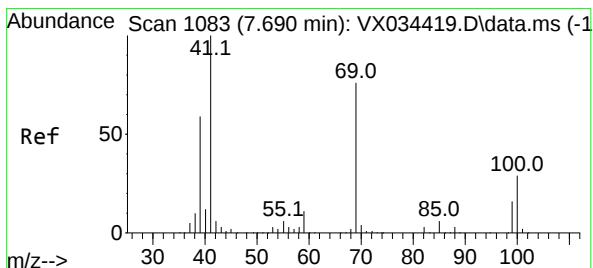
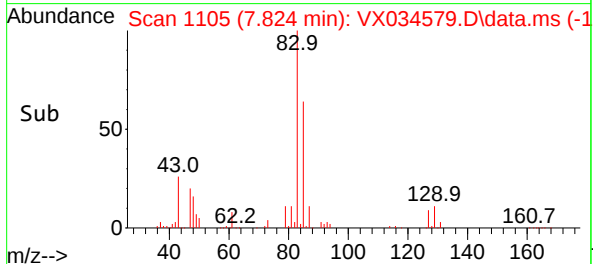
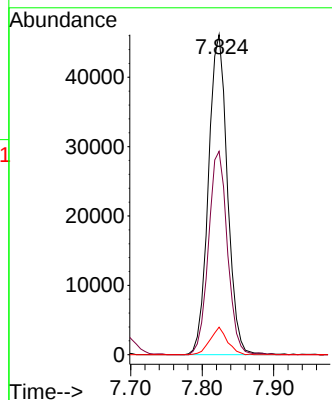
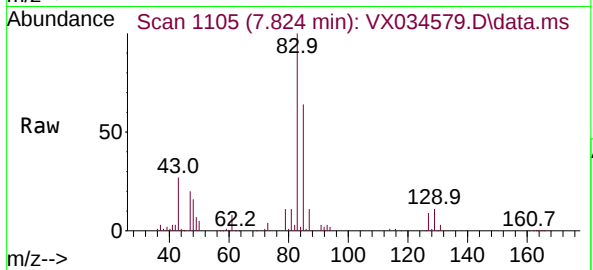
#47
Bromodichloromethane
Concen: 19.045 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion: 83 Resp: 8487
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 8.6 6.6 9.8

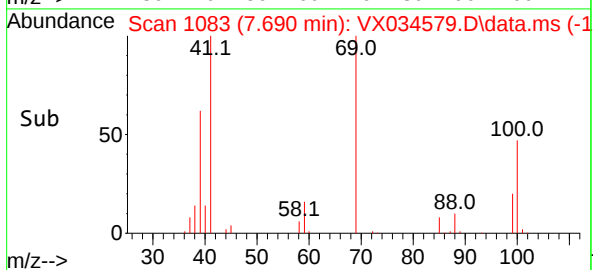
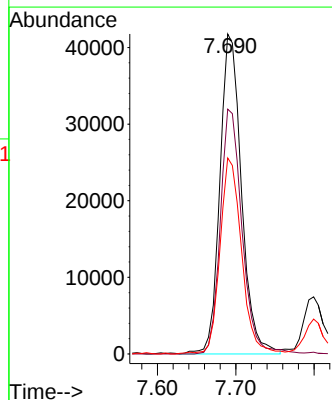
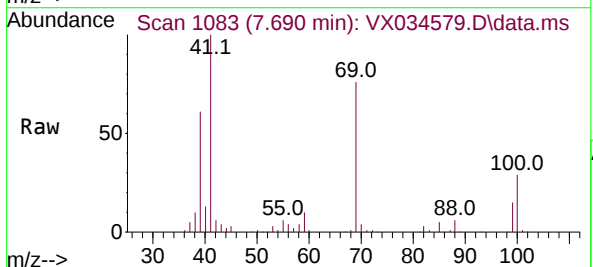
Manual Integrations
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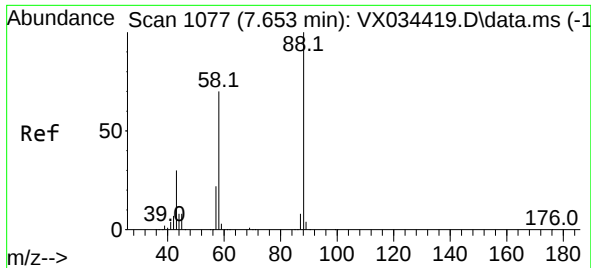
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#48
Methyl methacrylate
Concen: 20.260 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

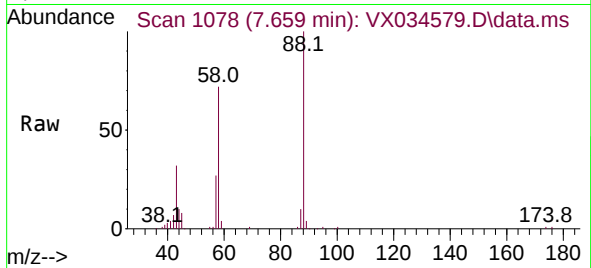
Tgt Ion: 41 Resp: 79960
Ion Ratio Lower Upper
41 100
69 76.9 62.2 93.4
39 61.4 47.7 71.5





#49
1,4-Dioxane
Concen: 439.616 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

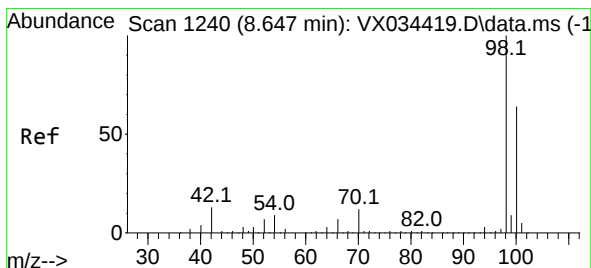
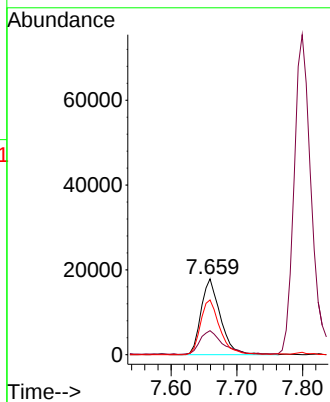
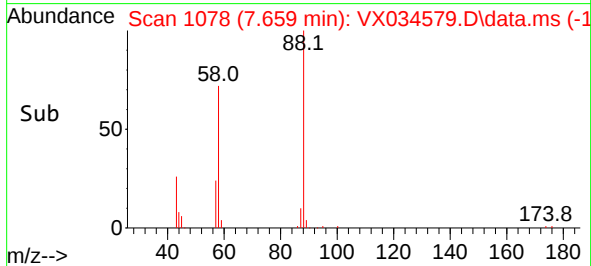
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



Tgt Ion: 88 Resp: 3644
Ion Ratio Lower Upper
88 100
43 36.9 27.7 41.5
58 72.2 56.8 85.2

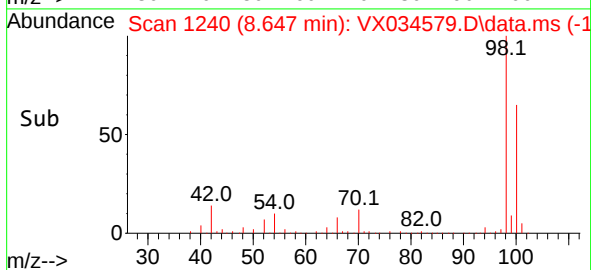
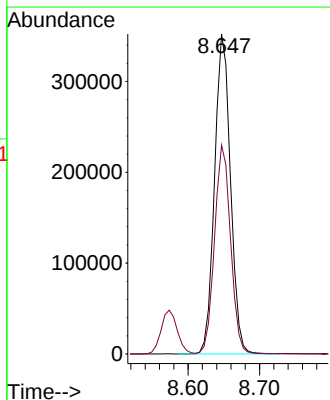
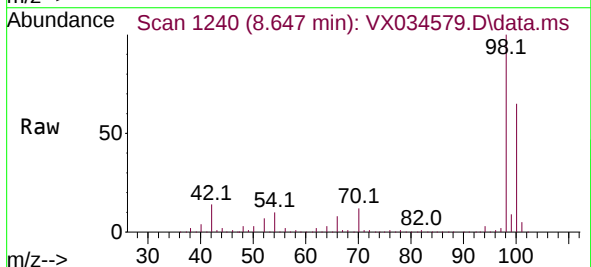
Manual Integrations
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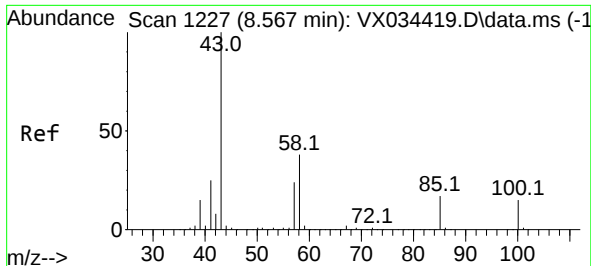
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#50
Toluene-d8
Concen: 50.515 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 98 Resp: 544385
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





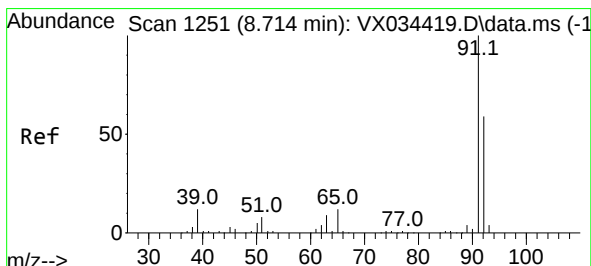
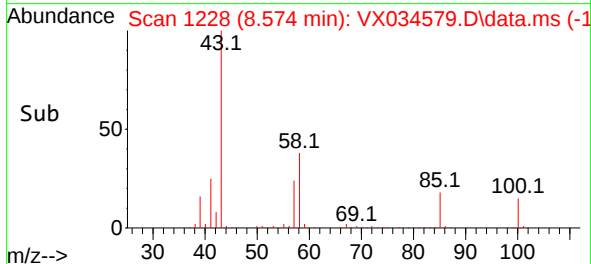
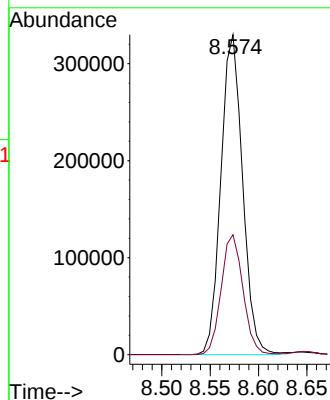
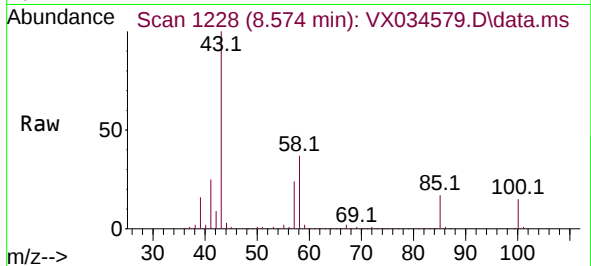
#51
4-Methyl-2-Pentanone
Concen: 107.968 ug/l
RT: 8.574 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion: 43 Resp: 51397
Ion Ratio Lower Upper
43 100
58 37.7 30.6 46.0

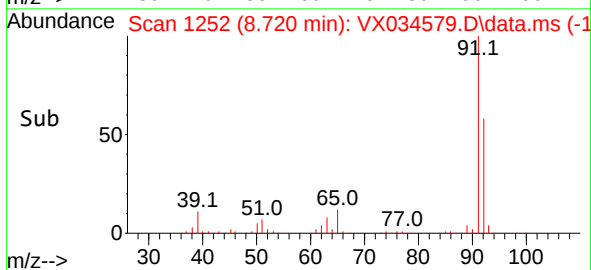
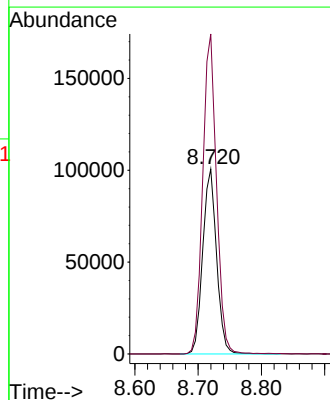
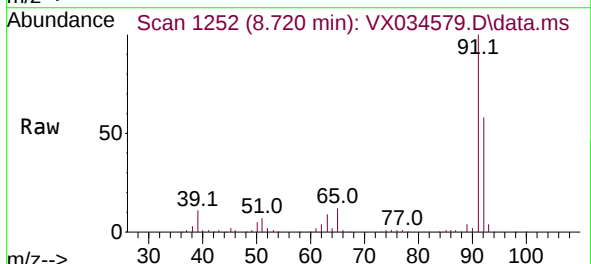
Manual Integrations
APPROVED

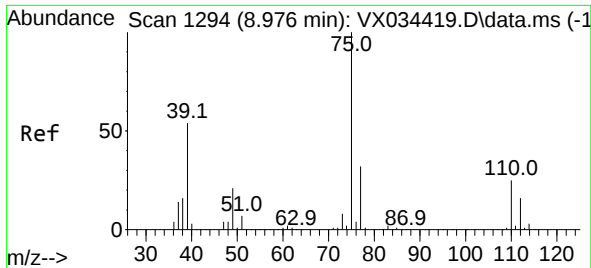
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 19.121 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 92 Resp: 153553
Ion Ratio Lower Upper
92 100
91 172.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 18.105 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 75 Resp: 90892

Ion Ratio Lower Upper

75 100

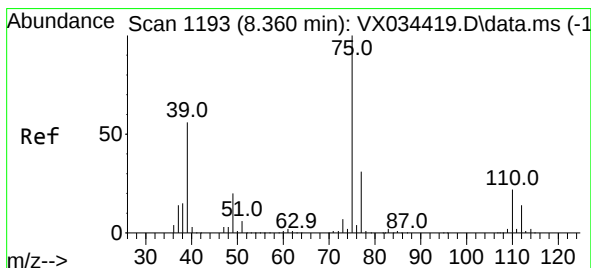
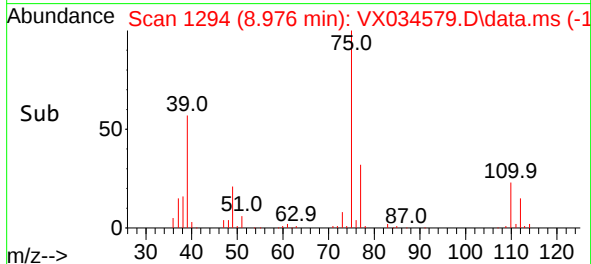
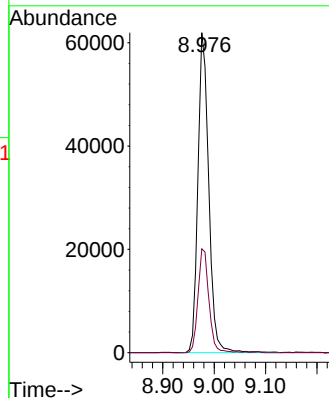
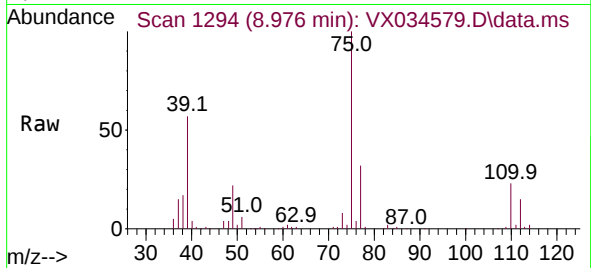
77 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#54

cis-1,3-Dichloropropene

Concen: 18.467 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

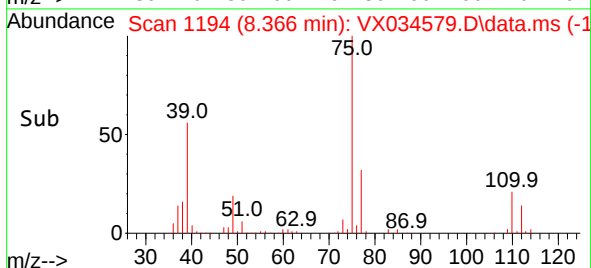
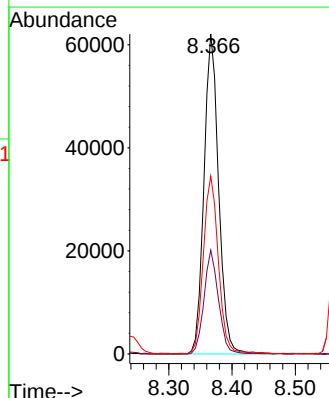
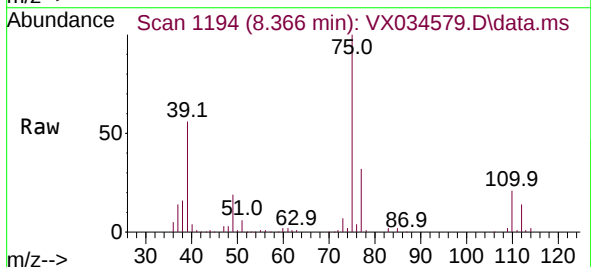
Tgt Ion: 75 Resp: 100305

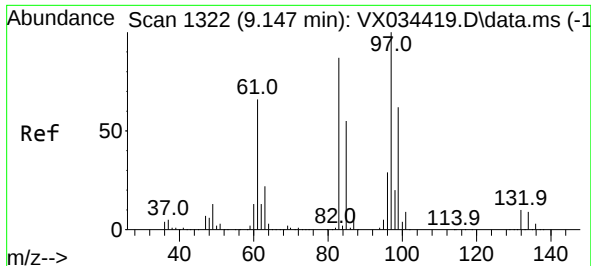
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4

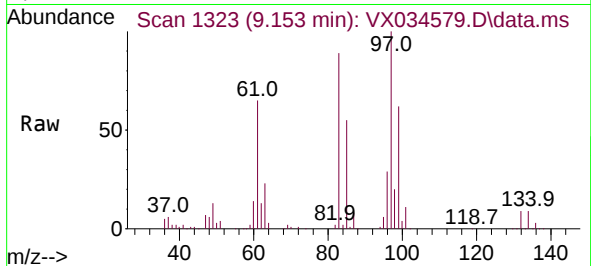
39 55.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.891 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

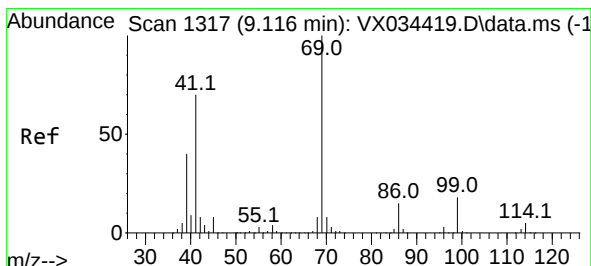
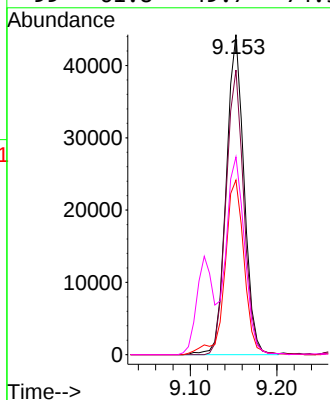
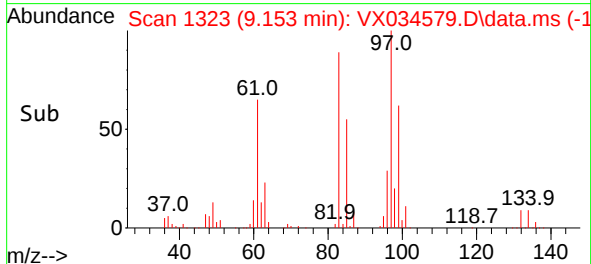


Tgt Ion: 97 Resp: 63394

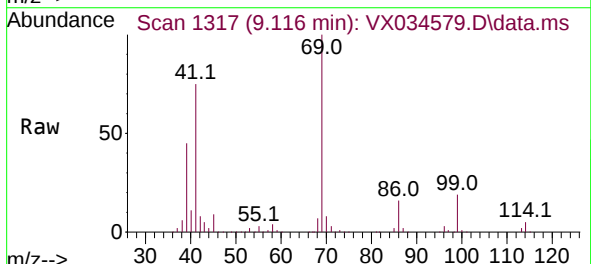
Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.7	104.5
85	54.5	43.7	65.5
99	61.8	49.7	74.5

Manual Integrations
APPROVED

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

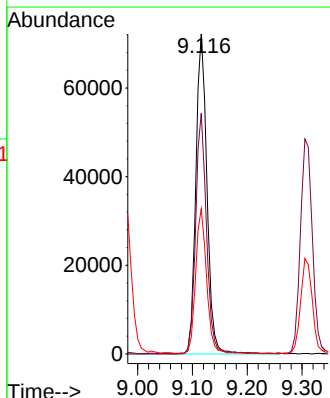
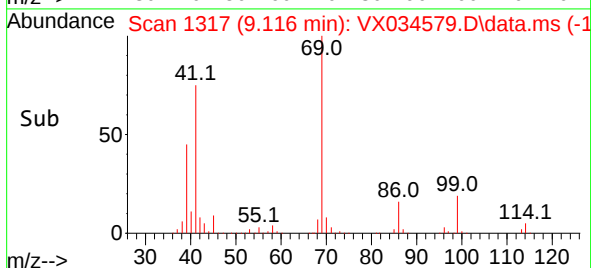


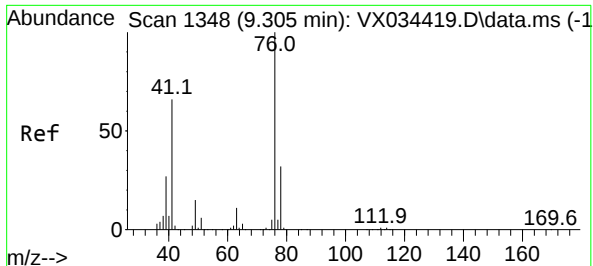
#56
Ethyl methacrylate
Concen: 19.530 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11



Tgt Ion: 69 Resp: 102193

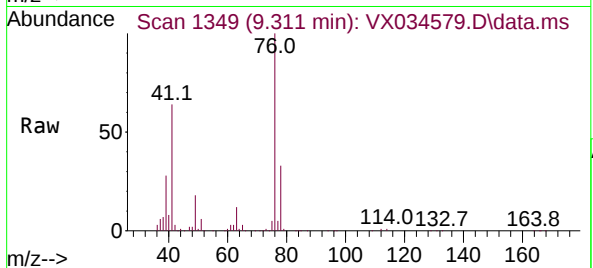
Ion	Ratio	Lower	Upper
69	100		
41	73.3	57.4	86.0
39	43.9	33.7	50.5





#57
1,3-Dichloropropane
Concen: 19.665 ug/l
RT: 9.311 min Scan# 1138
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

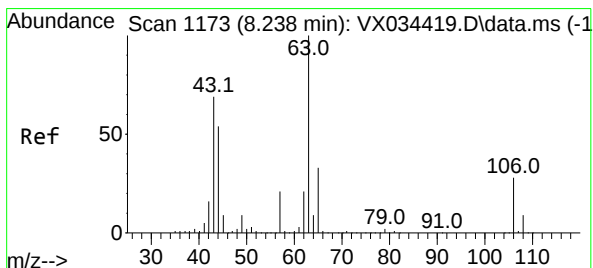
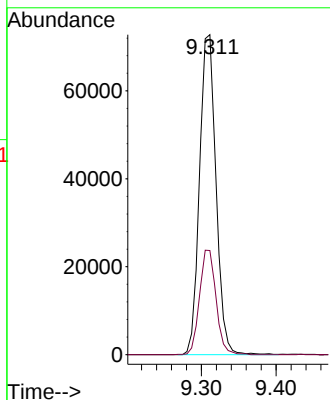
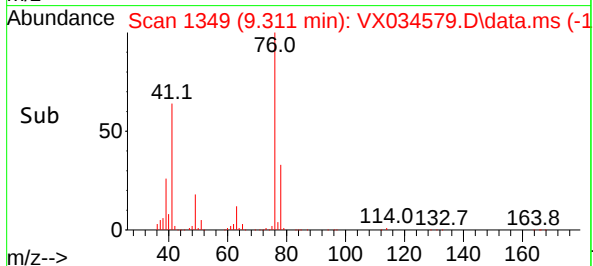
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



Tgt Ion: 76 Resp: 11138
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

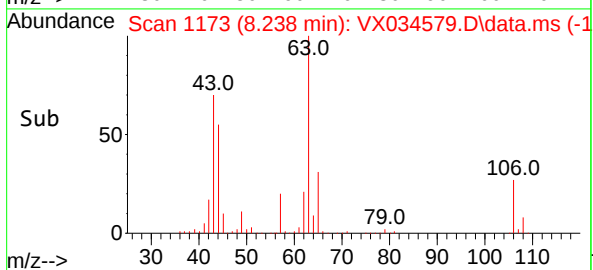
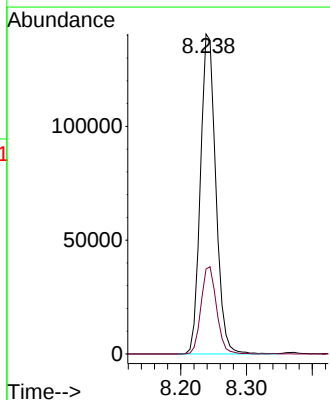
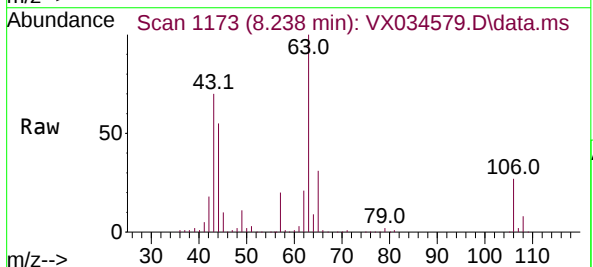
Manual Integrations
APPROVED

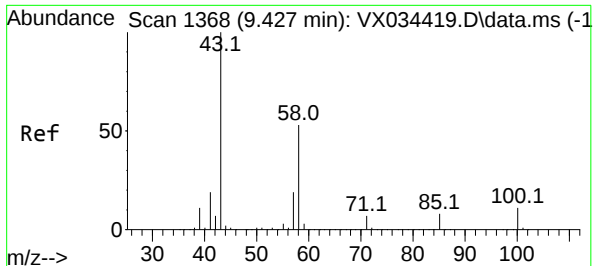
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 84.843 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 63 Resp: 228799
Ion Ratio Lower Upper
63 100
106 27.4 22.2 33.2





#59

2-Hexanone

Concen: 106.559 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 43 Resp: 392124

Ion Ratio Lower Upper

43 100

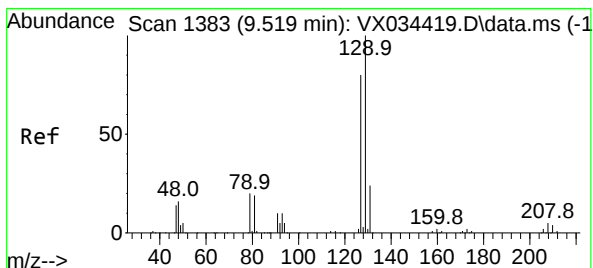
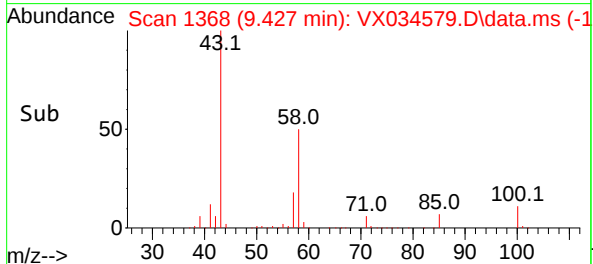
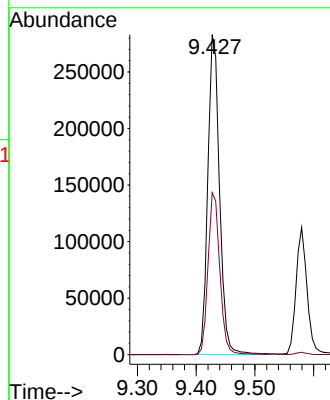
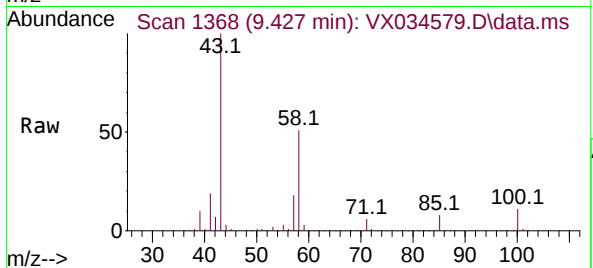
58 51.0 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#60

Dibromochloromethane

Concen: 18.834 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034579.D

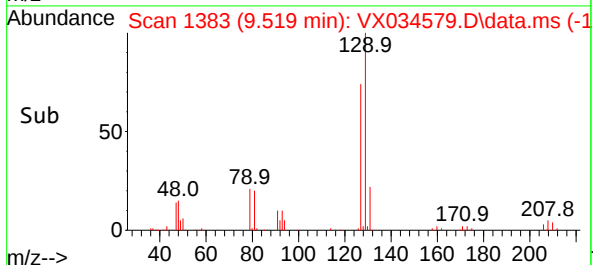
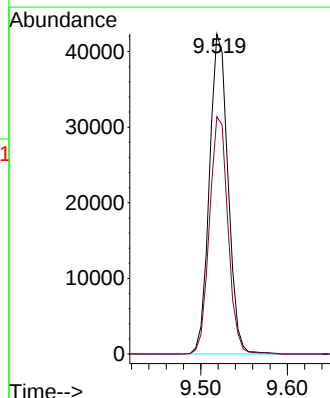
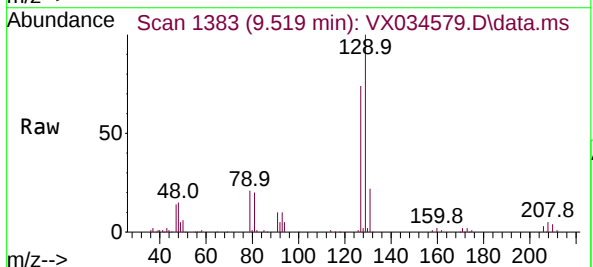
Acq: 17 Mar 2023 13:11

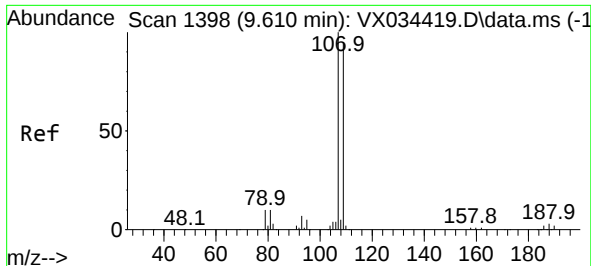
Tgt Ion:129 Resp: 62952

Ion Ratio Lower Upper

129 100

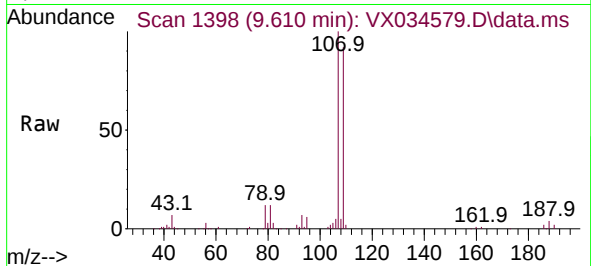
127 73.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.100 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

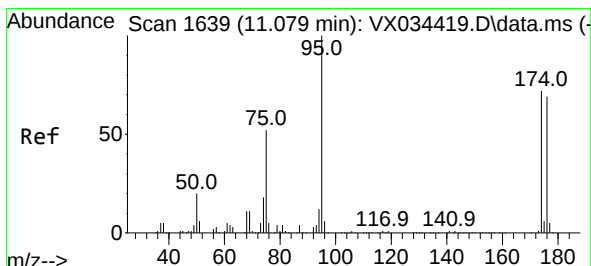
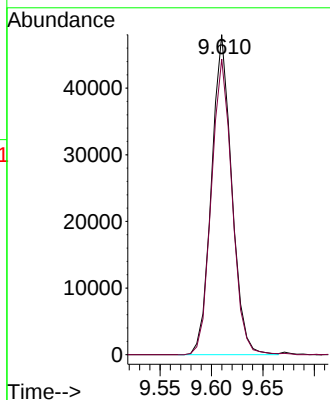
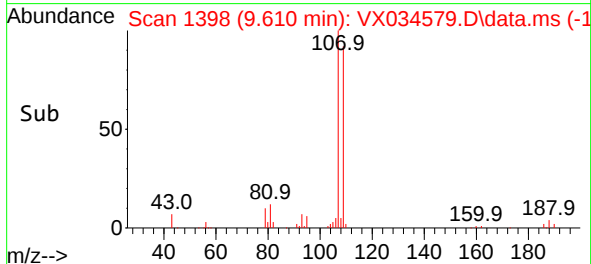
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



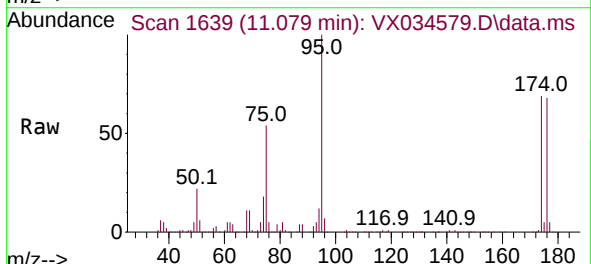
Tgt Ion:107 Resp: 6568
Ion Ratio Lower Upper
107 100
109 94.4 75.3 112.9

Manual Integrations
APPROVED

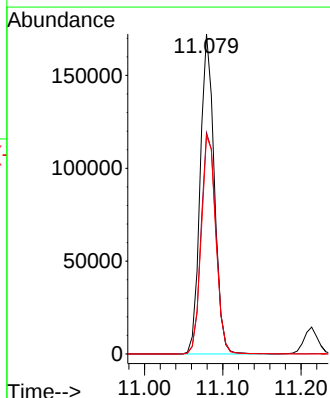
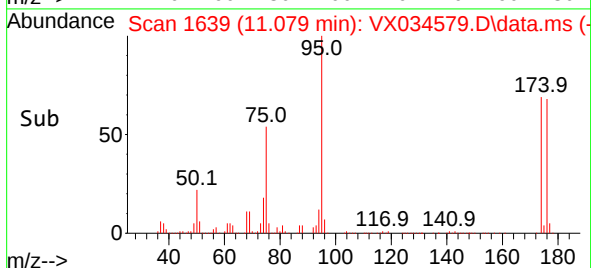
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

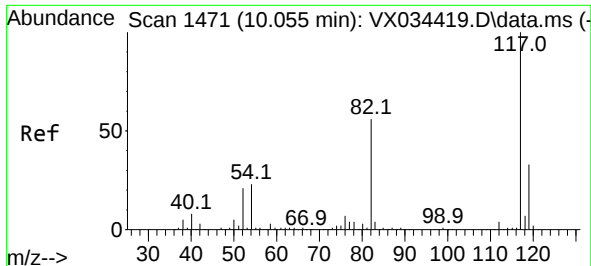


#62
4-Bromofluorobenzene
Concen: 49.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11



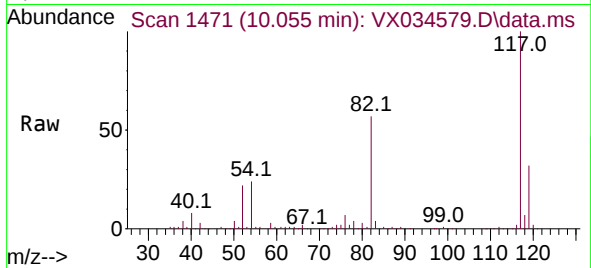
Tgt Ion: 95 Resp: 214944
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 70.8 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

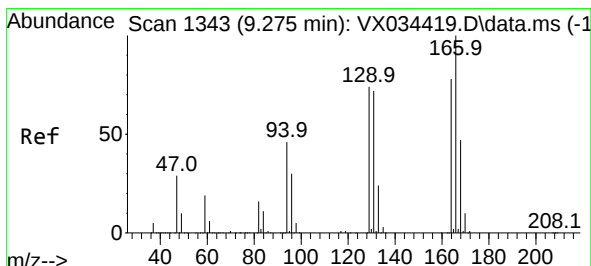
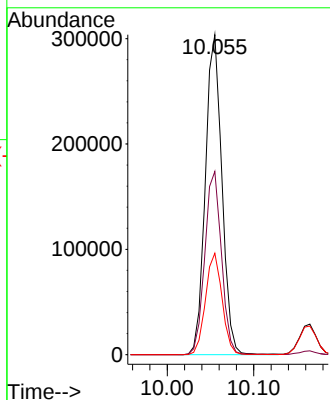
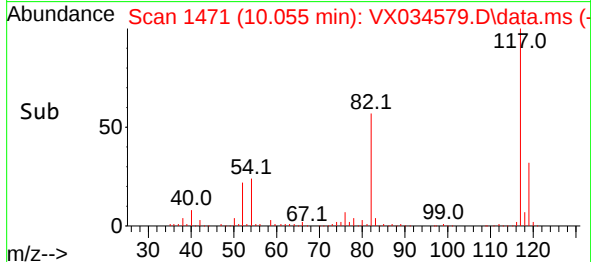
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



Tgt Ion:117 Resp: 403654
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 31.7 26.0 39.0

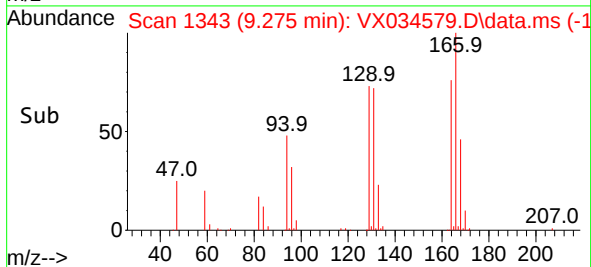
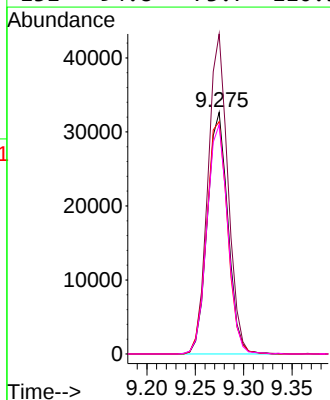
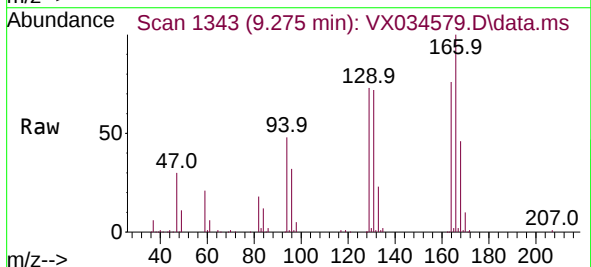
Manual Integrations
APPROVED

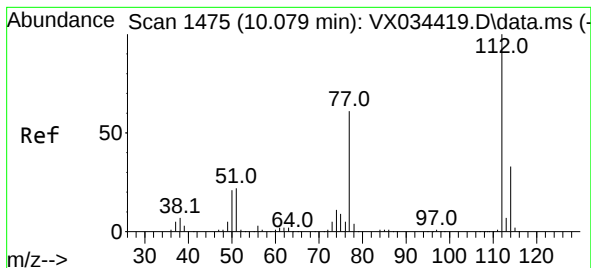
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#64
Tetrachloroethene
Concen: 17.691 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion:164 Resp: 47969
Ion Ratio Lower Upper
164 100
166 132.4 102.7 154.1
129 96.2 75.6 113.4
131 94.8 73.7 110.5





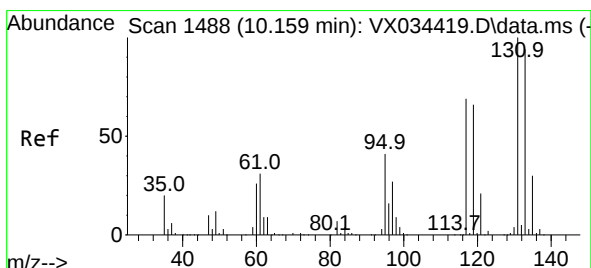
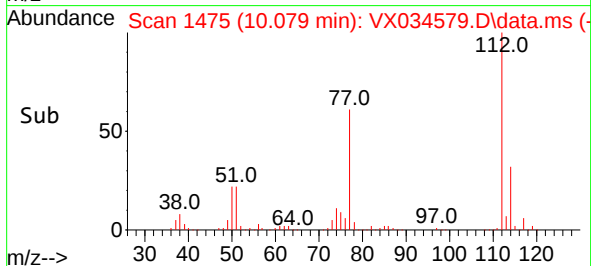
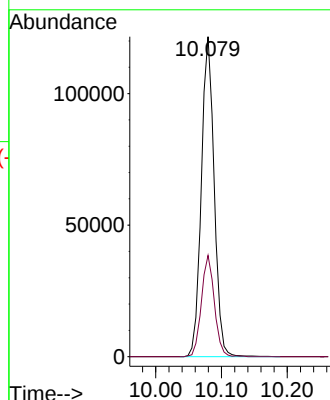
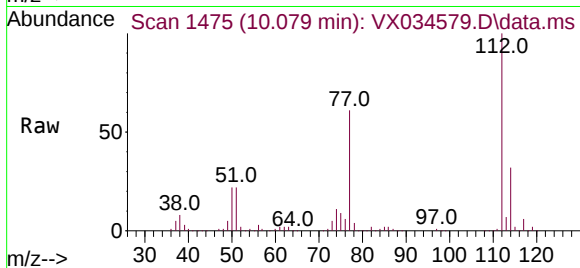
#65
Chlorobenzene
Concen: 18.606 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion:112 Resp: 16478
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2

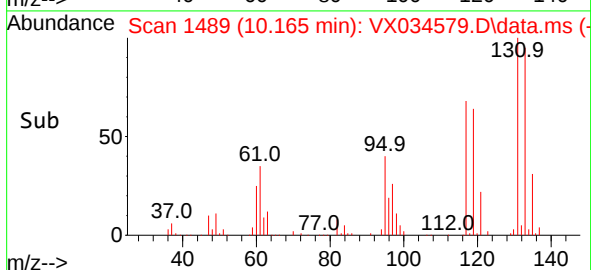
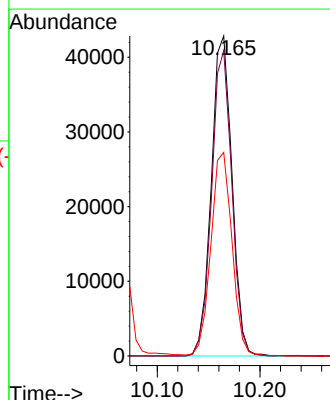
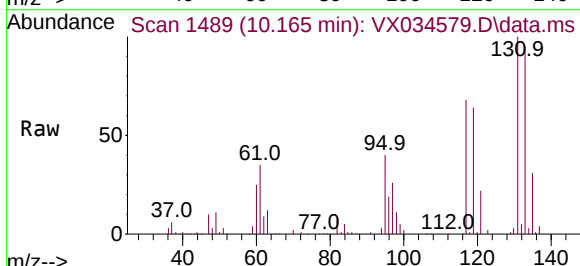
Manual Integrations
APPROVED

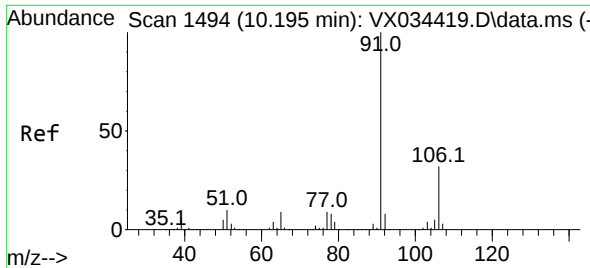
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.551 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

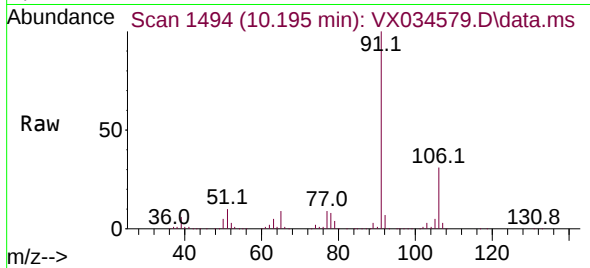
Tgt Ion:131 Resp: 59839
Ion Ratio Lower Upper
131 100
133 93.2 47.1 141.4
119 65.1 32.6 98.0





#67
Ethyl Benzene
Concen: 18.810 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

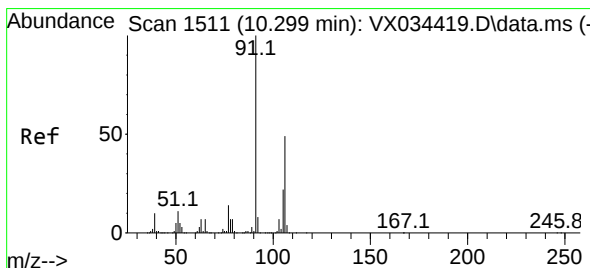
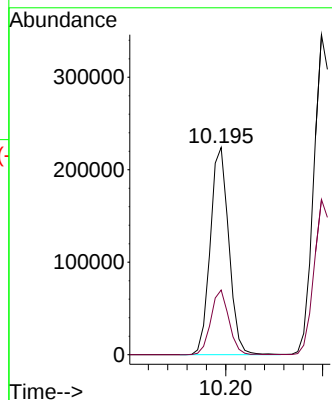
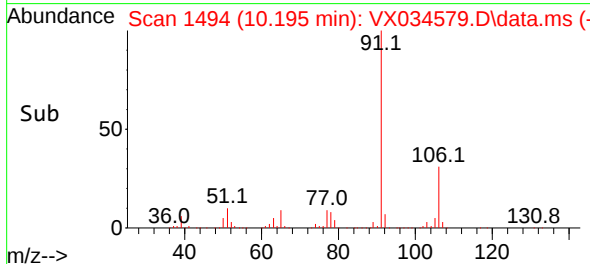
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



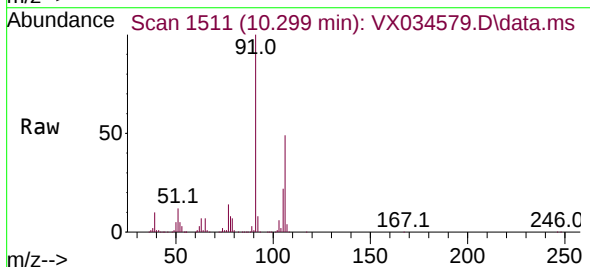
Tgt Ion: 91 Resp: 29824
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

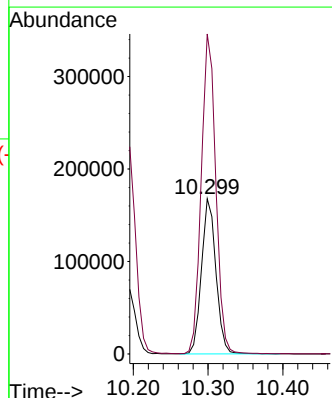
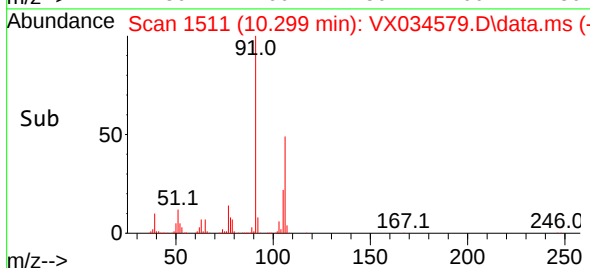
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

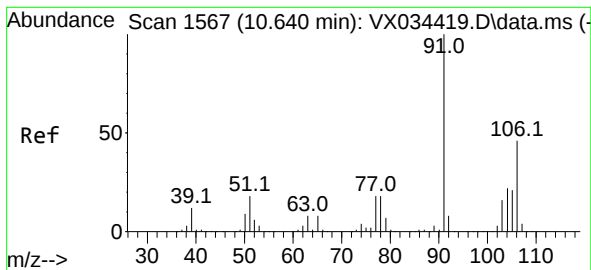


#68
m/p-Xylenes
Concen: 36.868 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11



Tgt Ion:106 Resp: 224550
Ion Ratio Lower Upper
106 100
91 208.5 164.0 246.0





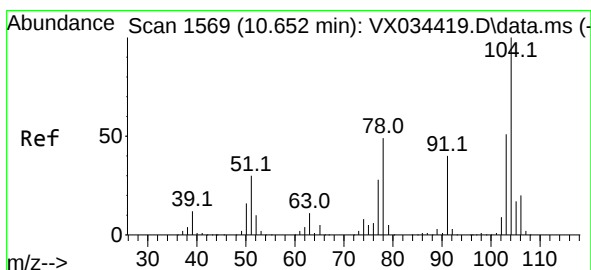
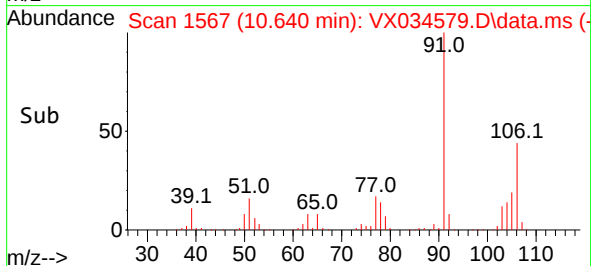
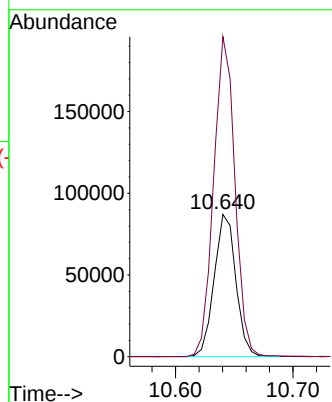
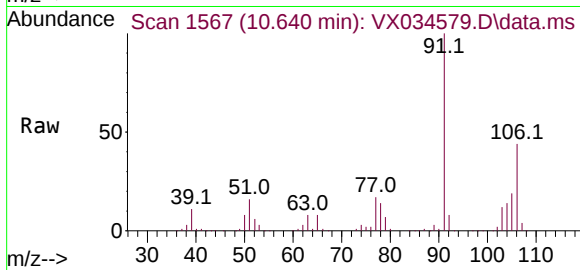
#69
o-Xylene
Concen: 18.291 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion:106 Resp: 111799
Ion Ratio Lower Upper
106 100
91 221.2 108.5 325.3

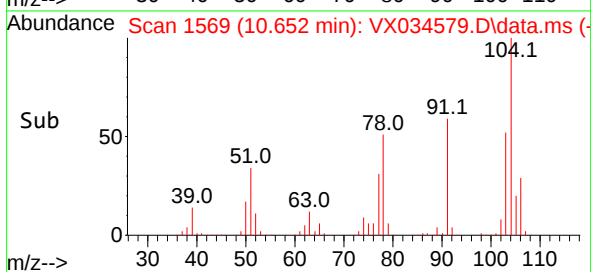
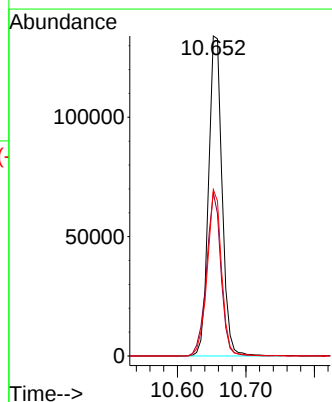
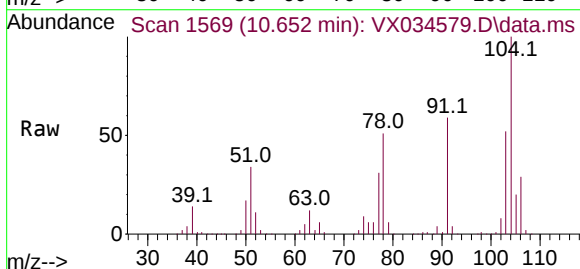
Manual Integrations
APPROVED

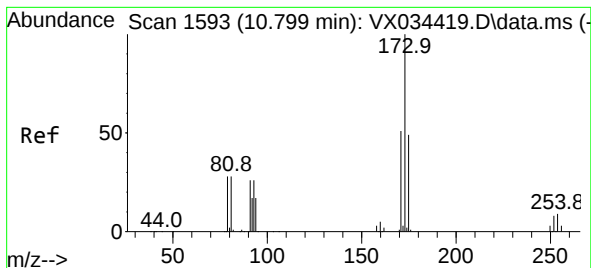
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 18.714 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

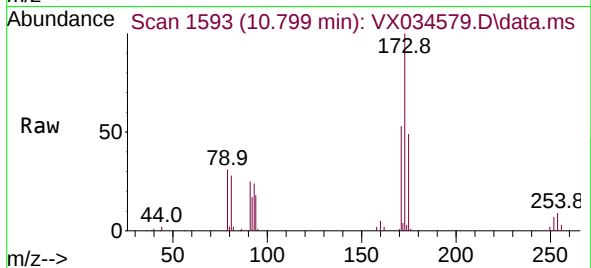
Tgt Ion:104 Resp: 184548
Ion Ratio Lower Upper
104 100
78 54.4 43.4 65.2
103 54.8 44.2 66.2





#71
Bromoform
Concen: 17.124 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

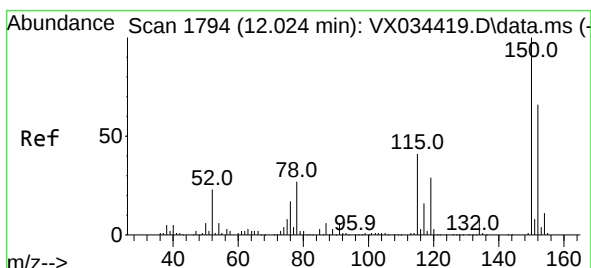
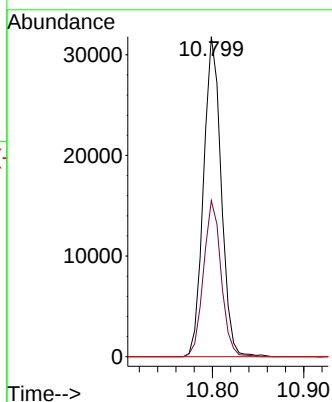
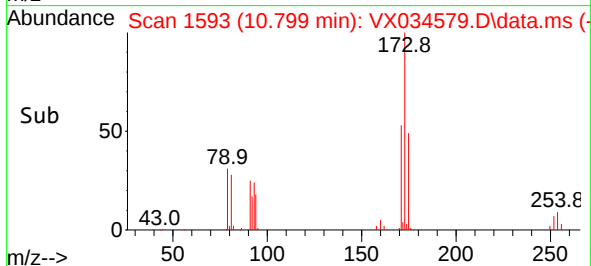
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



Tgt Ion:173 Resp: 4251
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.0 0.1 0.1

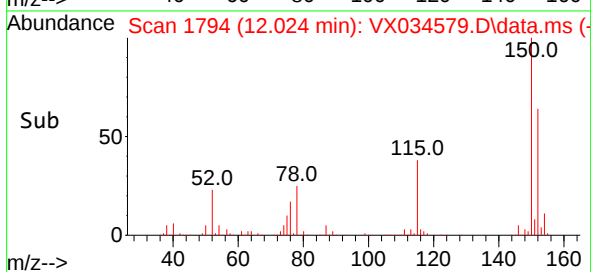
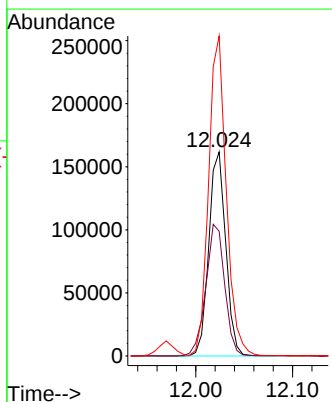
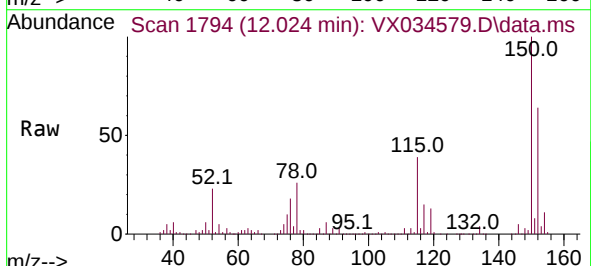
Manual Integrations
APPROVED

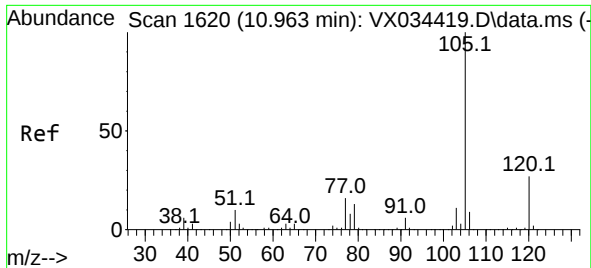
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion:152 Resp: 196660
Ion Ratio Lower Upper
152 100
115 72.1 45.0 135.0
150 163.3 0.0 352.4





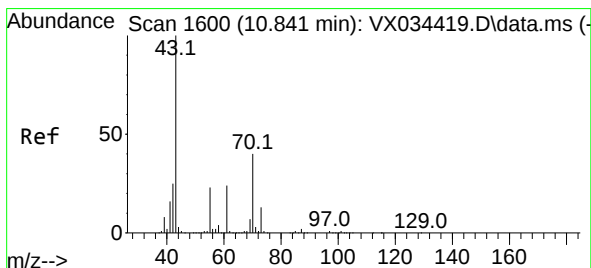
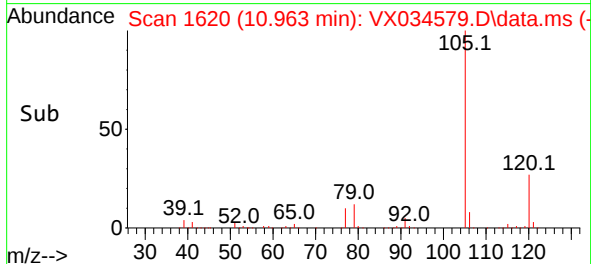
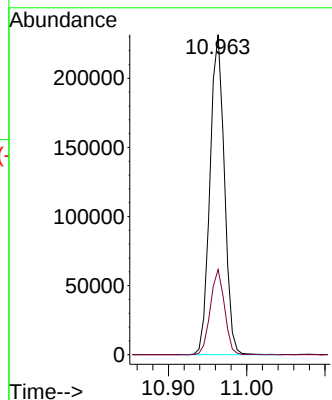
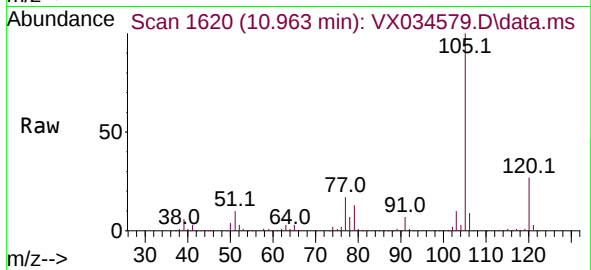
#73
Isopropylbenzene
Concen: 19.421 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion:105 Resp: 295190
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9

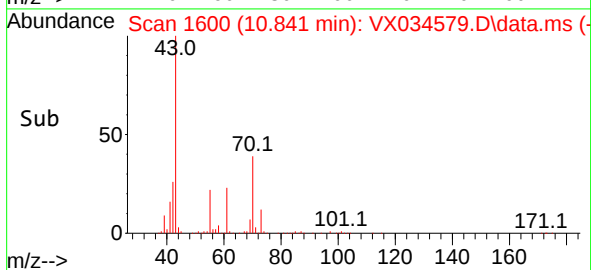
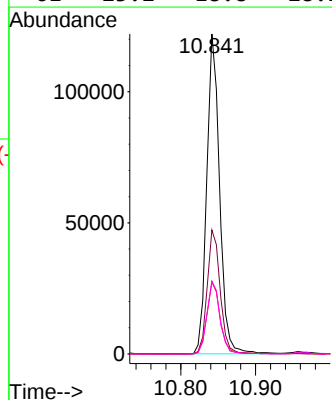
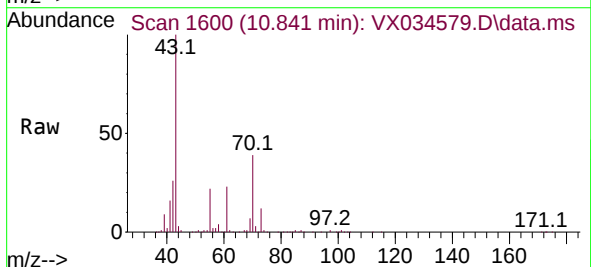
Manual Integrations
APPROVED

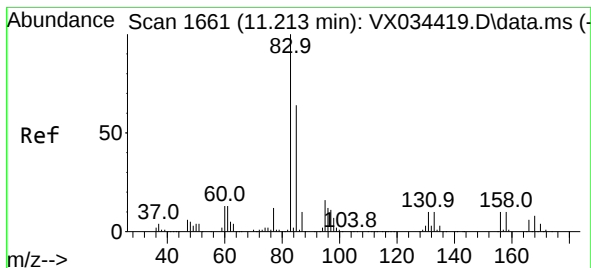
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#74
N-ethyl acetate
Concen: 19.920 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

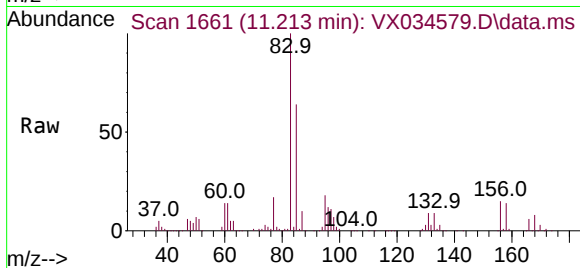
Tgt Ion: 43 Resp: 145020
Ion Ratio Lower Upper
43 100
70 39.3 32.1 48.1
55 23.4 18.3 27.5
61 23.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.907 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

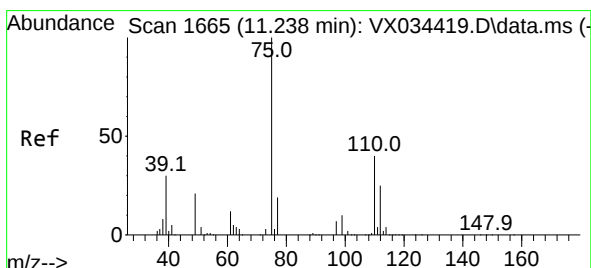
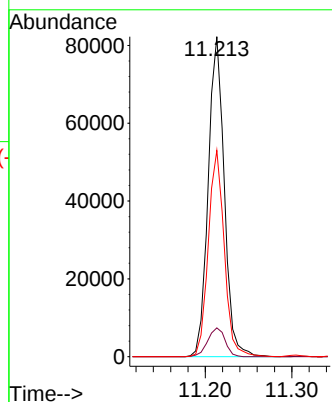
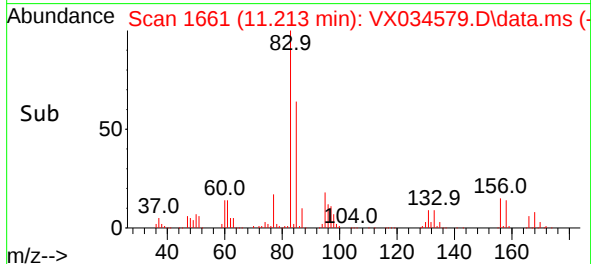
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



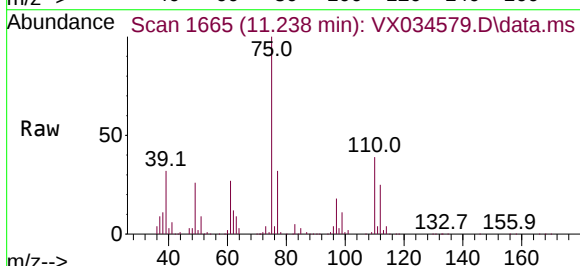
Tgt Ion: 83 Resp: 106040
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.1 32.0 96.0

Manual Integrations
APPROVED

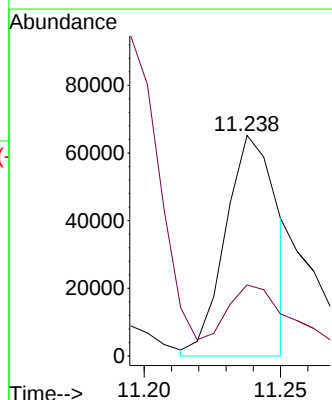
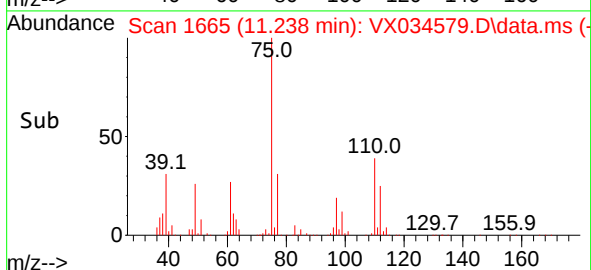
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

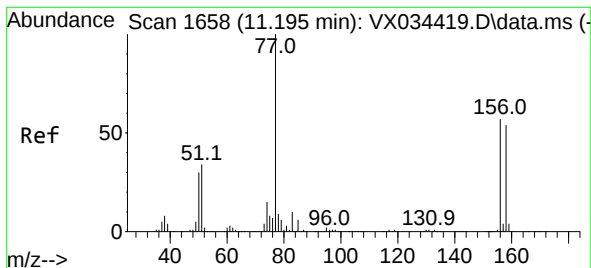


#76
1,2,3-Trichloropropane
Concen: 18.820 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11



Tgt Ion: 75 Resp: 84981
Ion Ratio Lower Upper
75 100
77 43.3 21.6 64.8





#77

Bromobenzene

Concen: 19.582 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

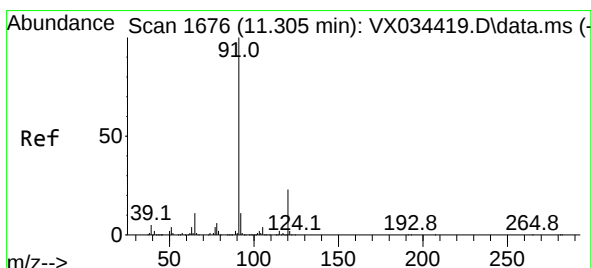
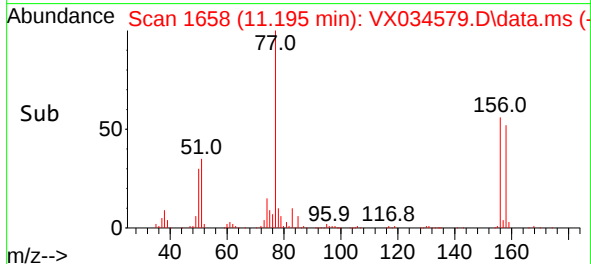
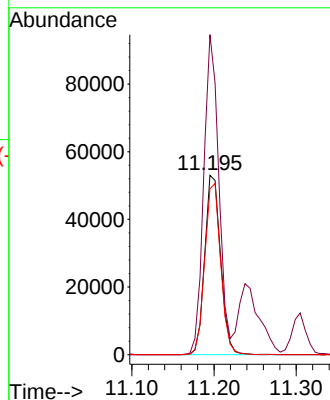
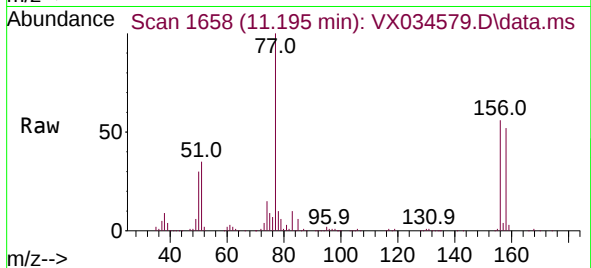
Tgt Ion:	156	Resp:	71409
Ion Ratio	Lower	Upper	
156	100		
77	168.5	86.7	259.9
158	95.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#78

n-propylbenzene

Concen: 19.476 ug/l

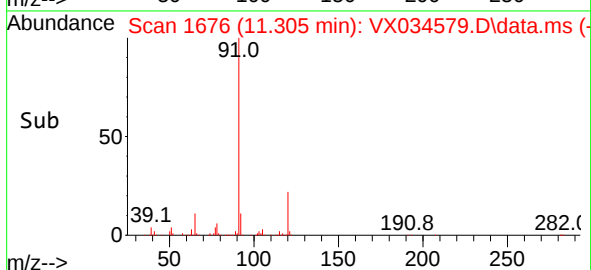
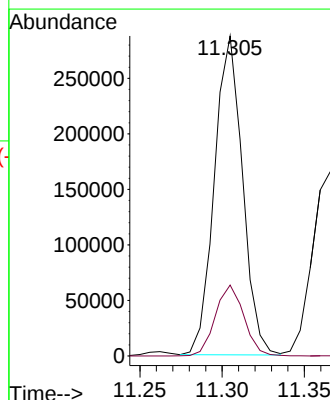
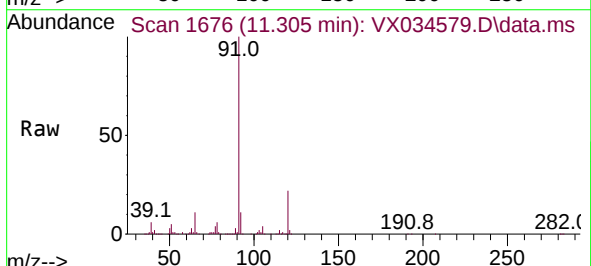
RT: 11.305 min Scan# 1676

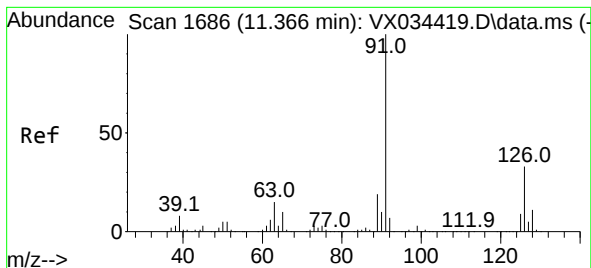
Delta R.T. -0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

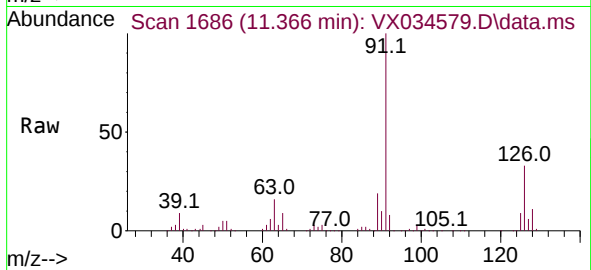
Tgt Ion:	91	Resp:	341868
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.5





#79
2-Chlorotoluene
Concen: 19.507 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

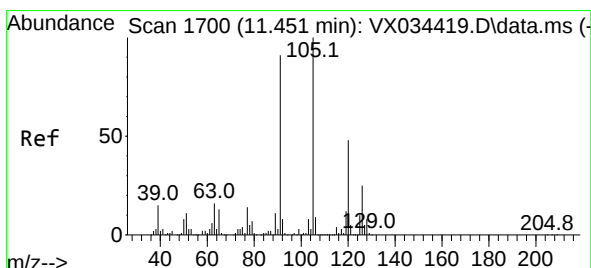
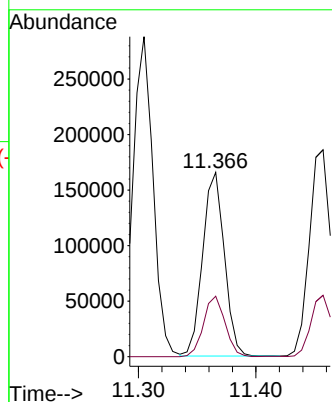
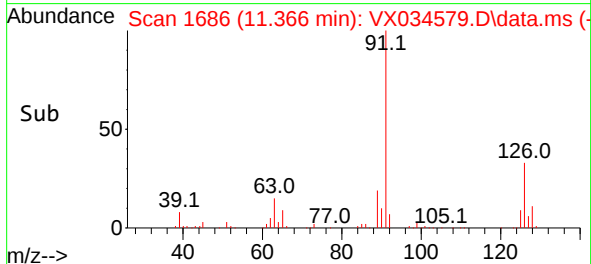
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



Tgt Ion: 91 Resp: 211478
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

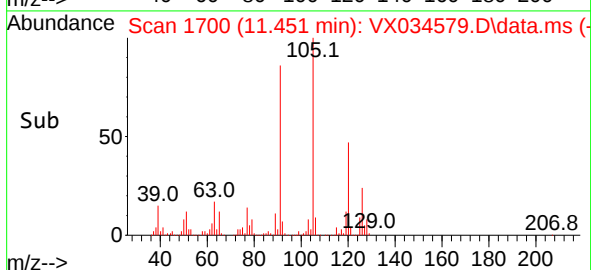
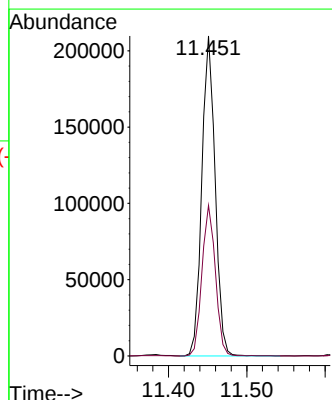
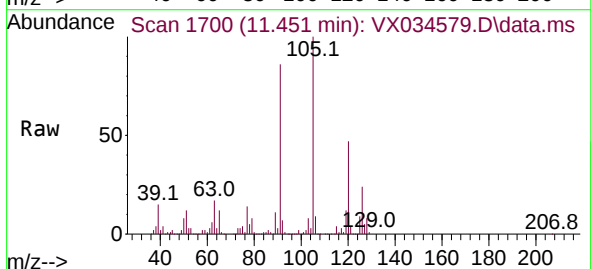
Manual Integrations
APPROVED

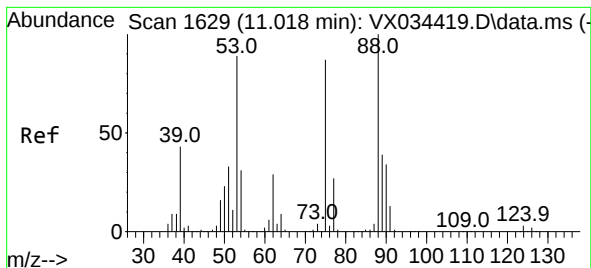
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.421 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion:105 Resp: 247590
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





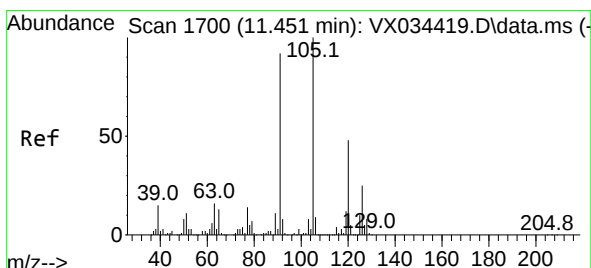
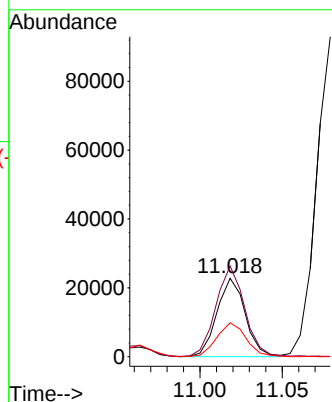
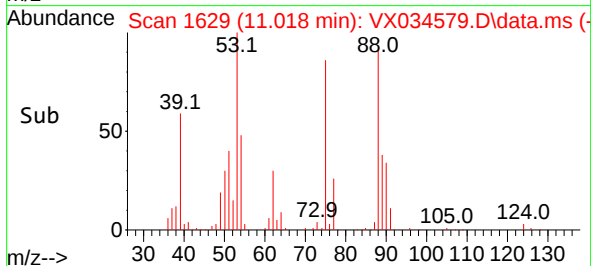
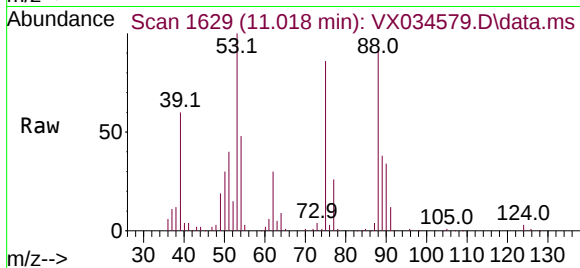
#81
trans-1,4-Dichloro-2-butene
Concen: 16.340 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tgt Ion: 75 Resp: 2727
Ion Ratio Lower Upper
75 100
53 118.5 82.6 124.0
89 44.8 36.9 55.3

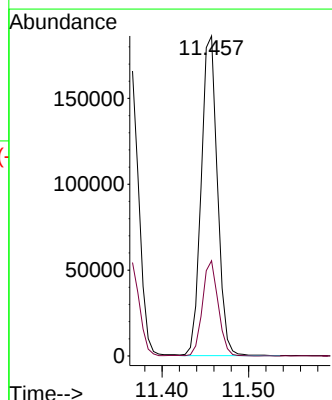
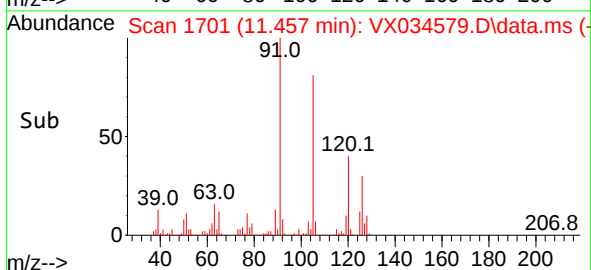
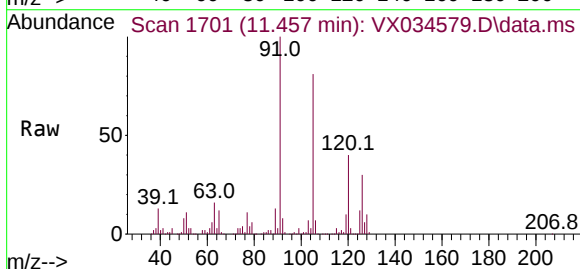
Manual Integrations
APPROVED

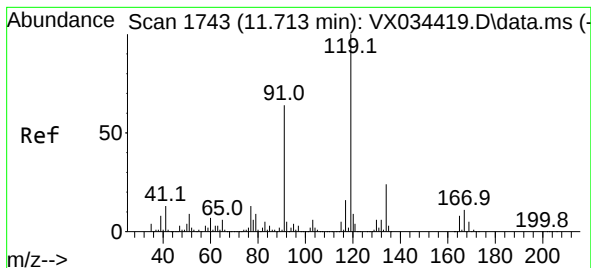
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#82
4-Chlorotoluene
Concen: 19.343 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion: 91 Resp: 241545
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.389 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion:119 Resp: 249224

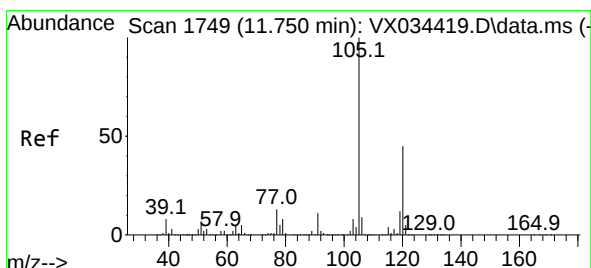
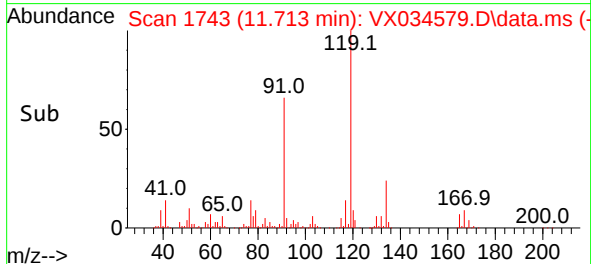
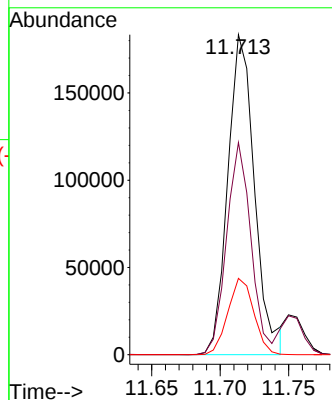
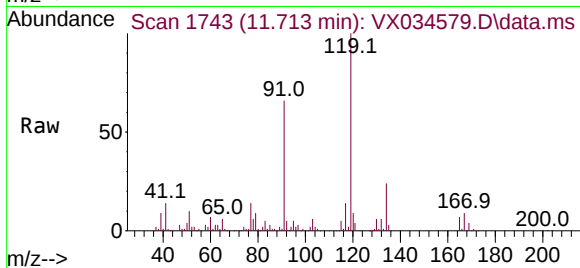
Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.6	92.0
134	23.2	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.013 ug/l

RT: 11.750 min Scan# 1749

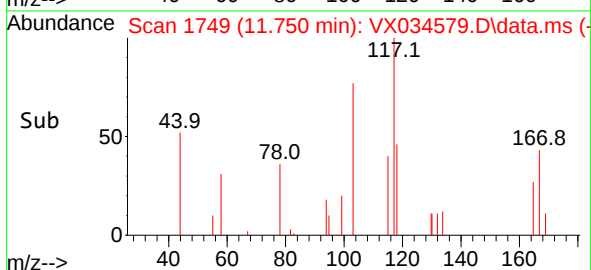
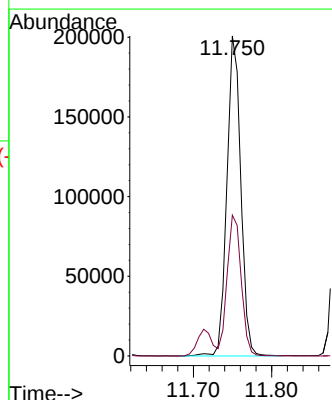
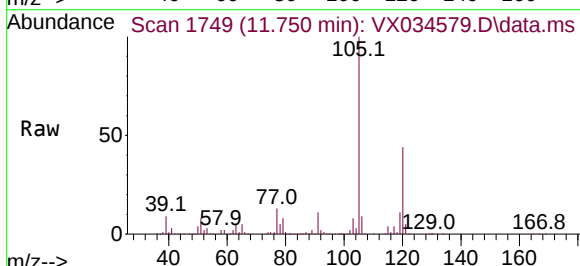
Delta R.T. 0.000 min

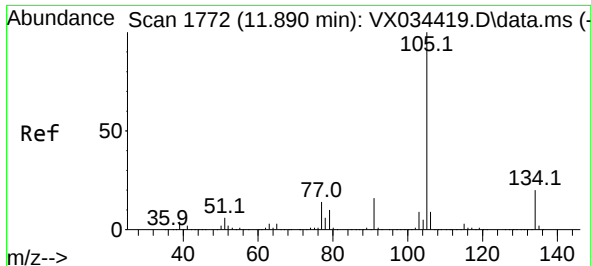
Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Tgt Ion:105 Resp: 247721

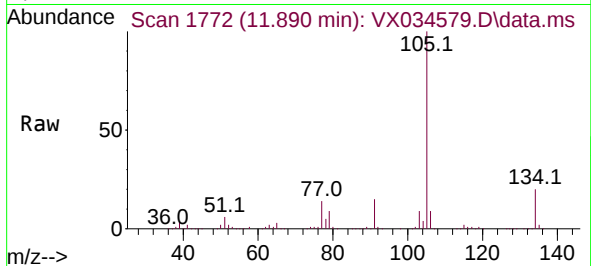
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 19.140 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034579.D
 Acq: 17 Mar 2023 13:11

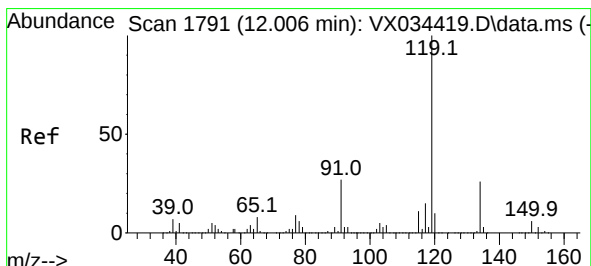
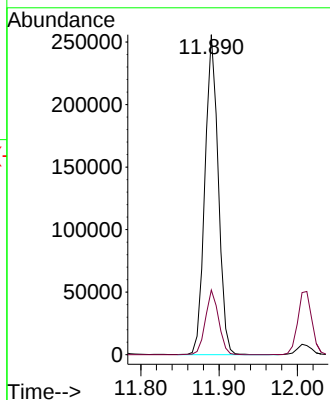
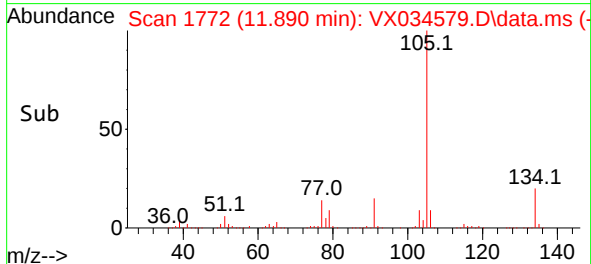
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01



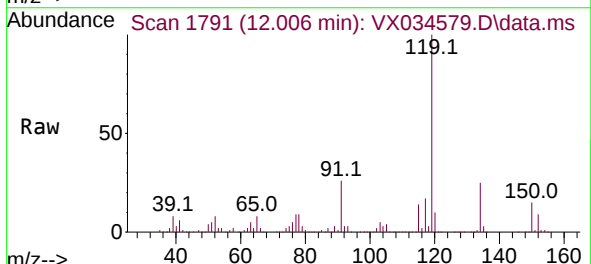
Tgt Ion:105 Resp: 30077
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

Manual Integrations
 APPROVED

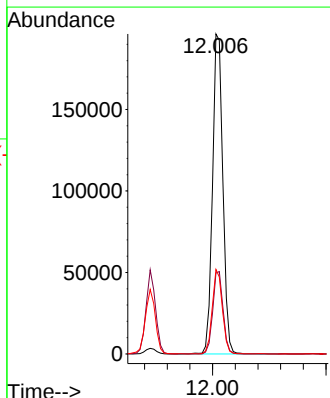
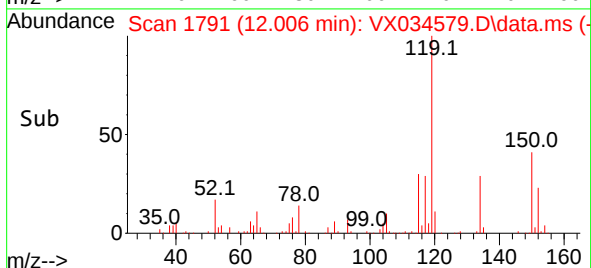
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

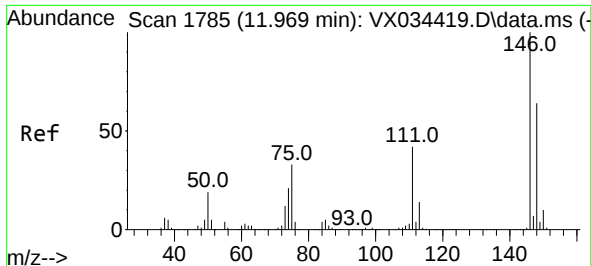


#86
 p-Isopropyltoluene
 Concen: 18.801 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034579.D
 Acq: 17 Mar 2023 13:11



Tgt Ion:119 Resp: 248307
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 25.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 18.647 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion:146 Resp: 13323

Ion Ratio Lower Upper

146 100

111 42.2 20.9 62.8

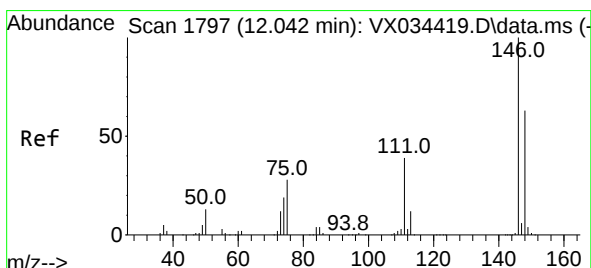
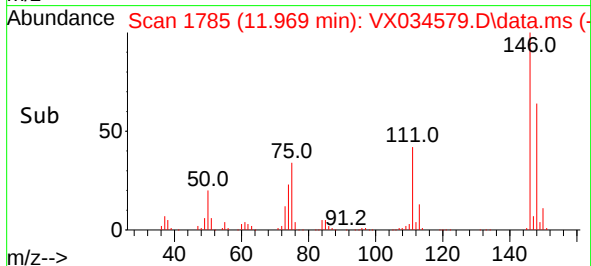
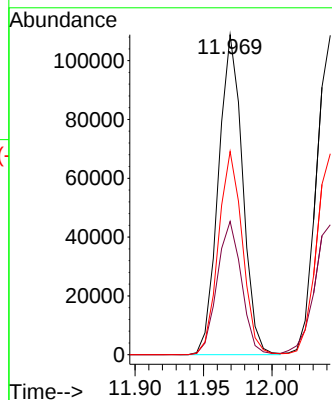
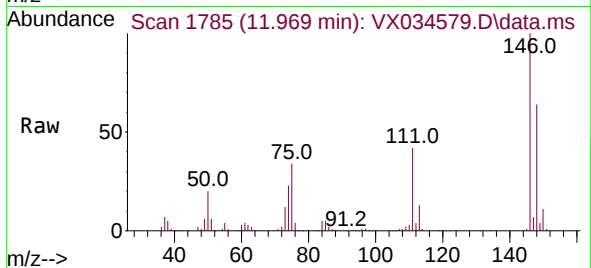
148 62.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#88

1,4-Dichlorobenzene

Concen: 18.504 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

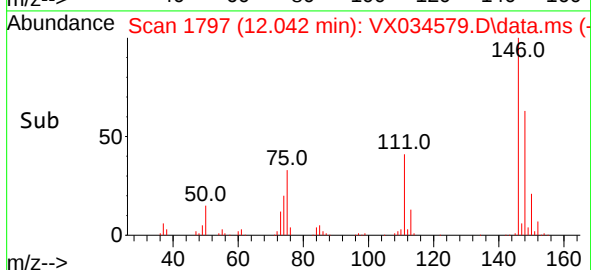
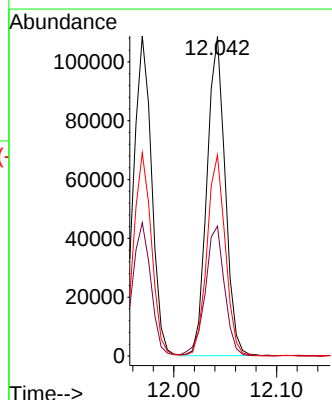
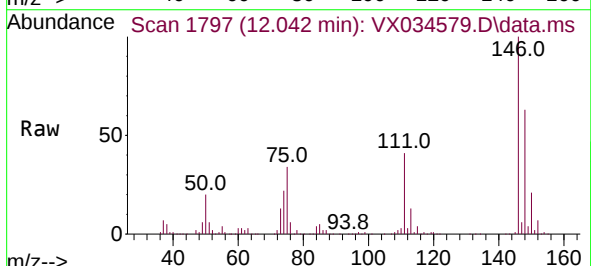
Tgt Ion:146 Resp: 133684

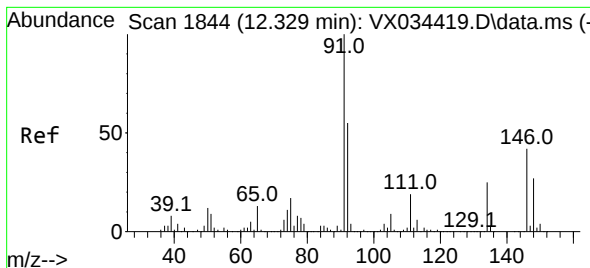
Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.9

148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 18.074 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tgt Ion: 91 Resp: 21221

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

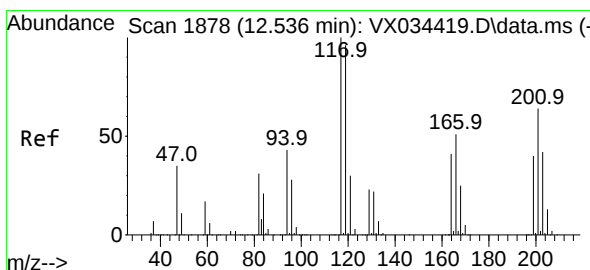
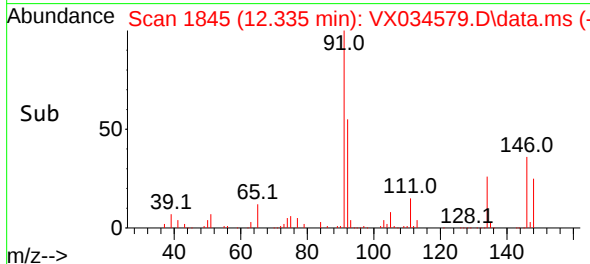
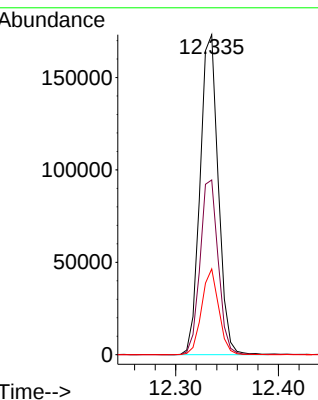
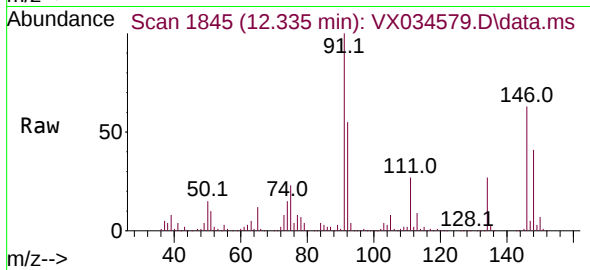
134 25.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#90

Hexachloroethane

Concen: 16.801 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX034579.D

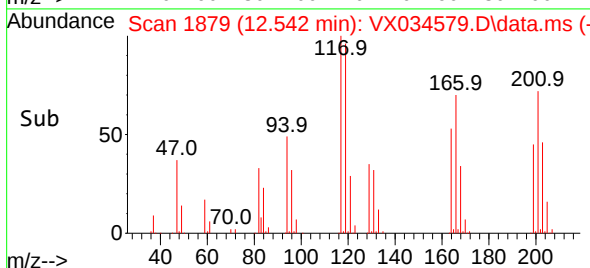
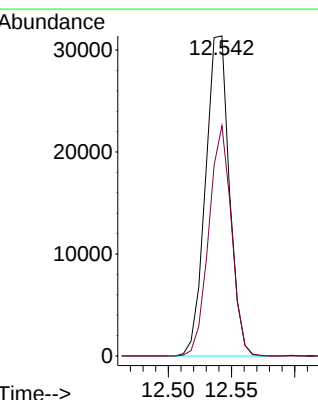
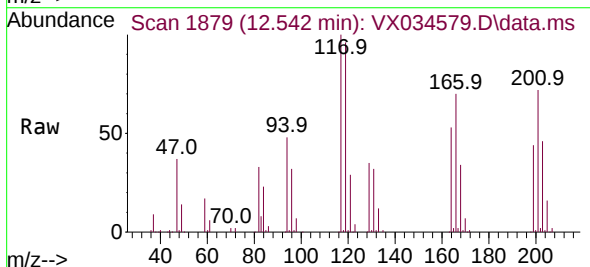
Acq: 17 Mar 2023 13:11

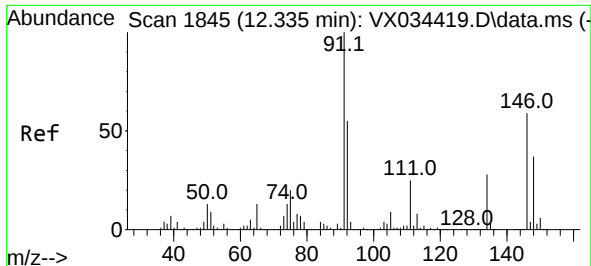
Tgt Ion:117 Resp: 41058

Ion Ratio Lower Upper

117 100

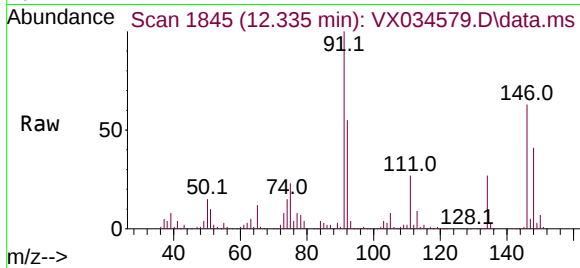
201 68.0 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 19.458 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

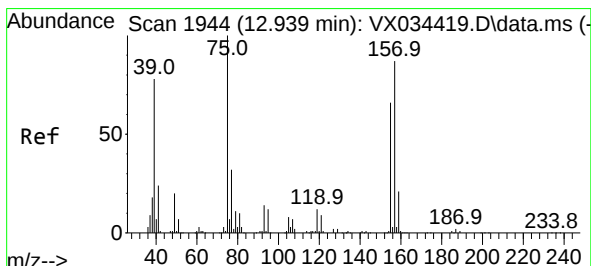
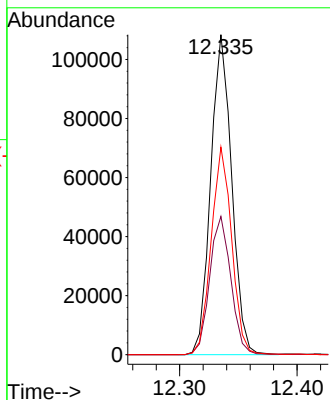
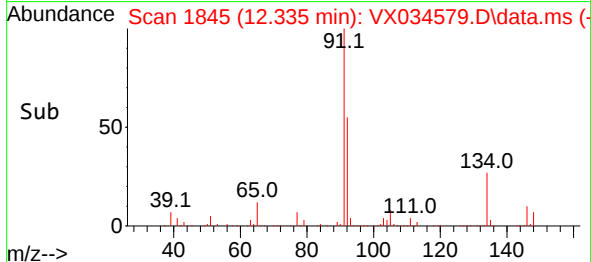
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



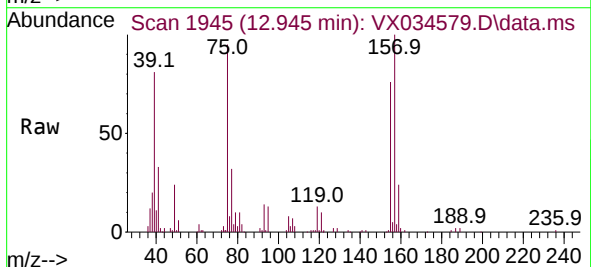
Tgt Ion:146 Resp: 134350
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 63.7 32.0 96.0

Manual Integrations
APPROVED

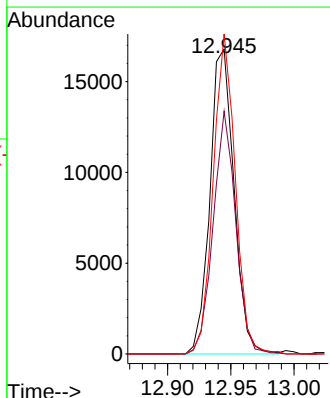
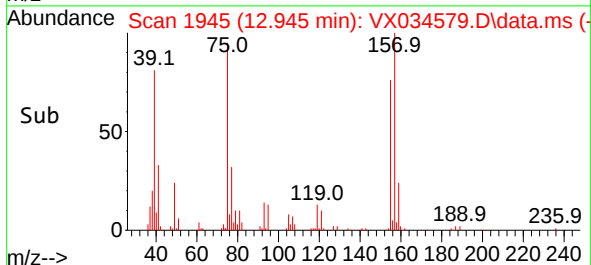
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

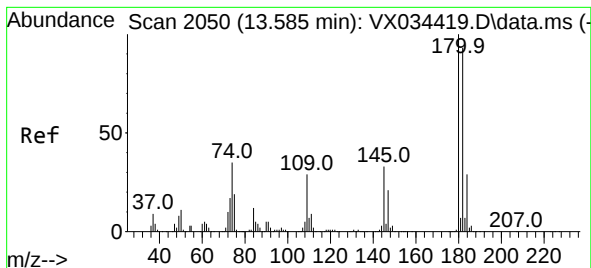


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.312 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11



Tgt Ion: 75 Resp: 22254
Ion Ratio Lower Upper
75 100
155 74.2 38.4 115.1
157 95.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 18.283 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

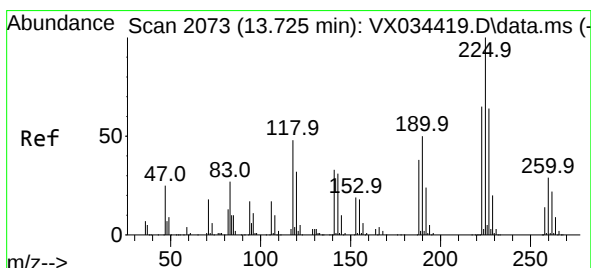
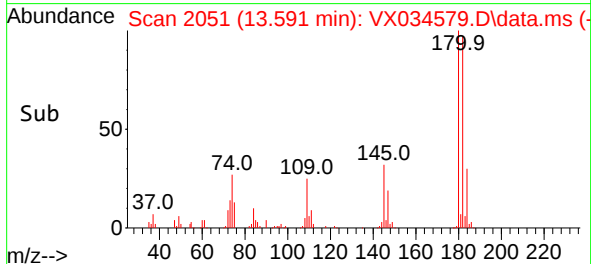
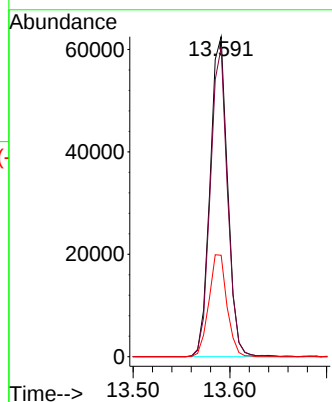
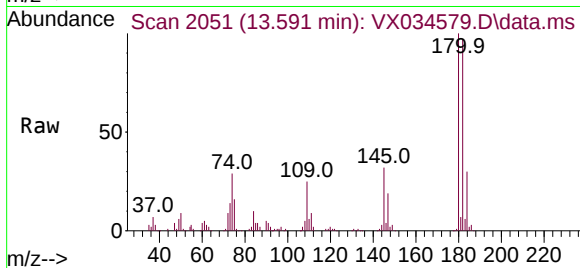
Tgt Ion:180	Resp:	7894
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.0 141.0
145	32.8	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#94

Hexachlorobutadiene

Concen: 18.058 ug/l

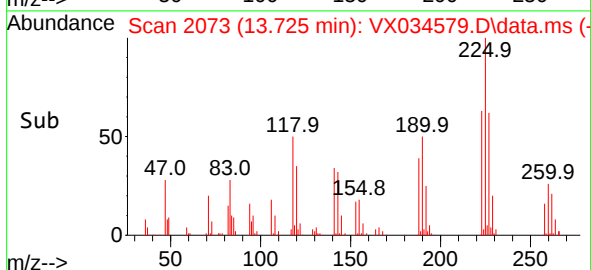
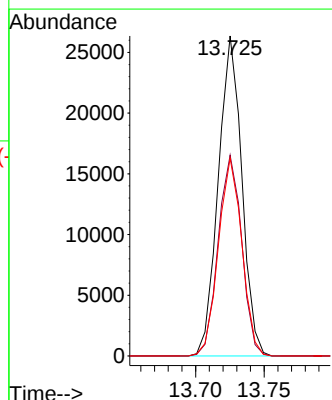
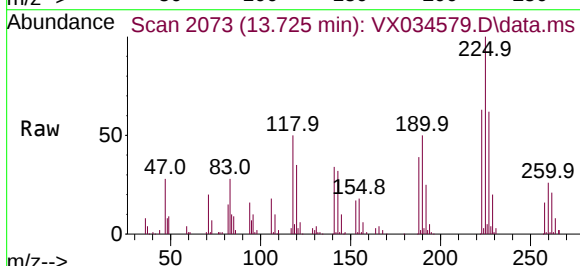
RT: 13.725 min Scan# 2073

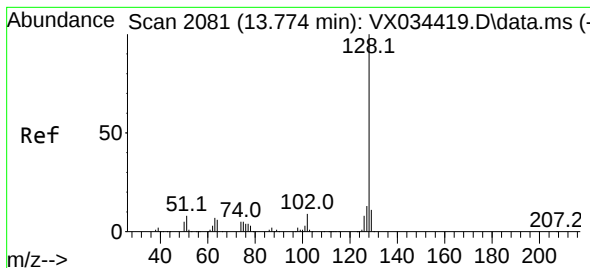
Delta R.T. -0.000 min

Lab File: VX034579.D

Acq: 17 Mar 2023 13:11

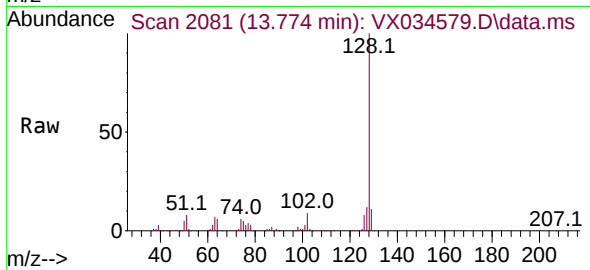
Tgt Ion:225	Resp:	31413
Ion Ratio	Lower	Upper
225	100	
223	62.8	32.1 96.5
227	61.6	31.8 95.4





#95
Naphthalene
Concen: 19.623 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

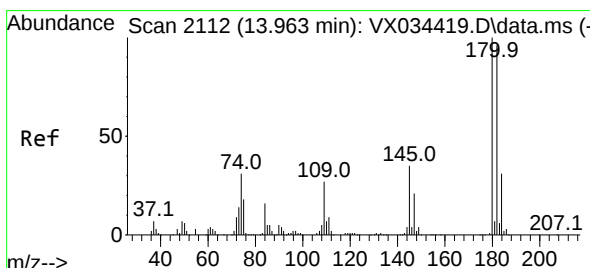
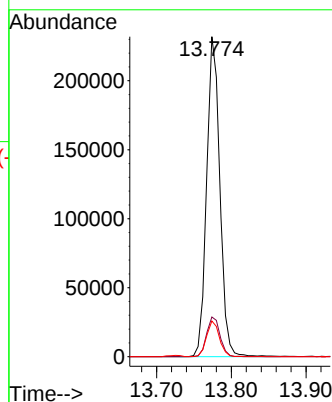
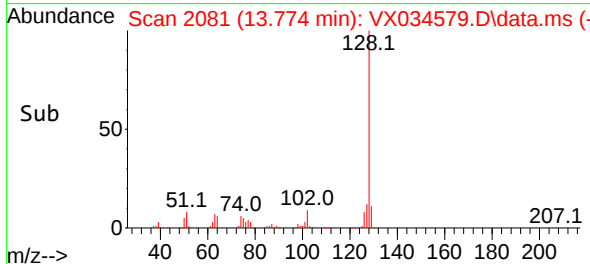
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01



Tgt Ion:128 Resp: 284140
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 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: 18.815 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034579.D
Acq: 17 Mar 2023 13:11

Tgt Ion:180 Resp: 79415
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.2
145 34.1 17.7 53.1

