

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034561.D
 Acq On : 17 Mar 2023 04:04
 Operator : JC/MD
 Sample : VX0316WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS02

Quant Time: Mar 17 07:50:50 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

Manual Integrations APPROVED

Reviewed By : John Carlone 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	232169	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	403389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173363	51.327	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.660%			
35) Dibromofluoromethane	5.385	113	130887	49.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.280%			
50) Toluene-d8	8.647	98	480511	48.329	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.660%			
62) 4-Bromofluorobenzene	11.079	95	183547	45.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40896	18.895	ug/l	97
3) Chloromethane	1.307	50	58065	16.839	ug/l	97
4) Vinyl Chloride	1.374	62	58435	19.828	ug/l	99
5) Bromomethane	1.599	94	38756	26.064	ug/l	95
6) Chloroethane	1.685	64	38171	22.495	ug/l	97
7) Trichlorofluoromethane	1.886	101	94552	21.352	ug/l	97
8) Diethyl Ether	2.130	74	35699	22.084	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	50917	19.730	ug/l	99
10) Methyl Iodide	2.453	142	69818	20.606	ug/l	98
11) Tert butyl alcohol	2.953	59	71889	102.208	ug/l	99
12) 1,1-Dichloroethene	2.319	96	50229	19.763	ug/l	96
13) Acrolein	2.233	56	63678	114.442	ug/l	100
14) Allyl chloride	2.660	41	94328	18.306	ug/l	97
15) Acrylonitrile	3.062	53	169895	111.818	ug/l	99
16) Acetone	2.374	43	156186	98.168	ug/l	98
17) Carbon Disulfide	2.508	76	113037	15.804	ug/l	99
18) Methyl Acetate	2.703	43	113532	21.839	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	191829	21.080	ug/l	98
20) Methylene Chloride	2.788	84	61085	19.782	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	53231	19.721	ug/l	99
22) Diisopropyl ether	3.757	45	209576	21.332	ug/l	99
23) Vinyl Acetate	3.721	43	784260	104.890	ug/l	98
24) 1,1-Dichloroethane	3.611	63	108865	20.614	ug/l	99
25) 2-Butanone	4.550	43	242214	106.397	ug/l	99
26) 2,2-Dichloropropane	4.477	77	70461	15.349	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	65003	20.005	ug/l	99
28) Bromochloromethane	4.898	49	43405	17.676	ug/l	99
29) Tetrahydrofuran	5.007	42	156768	111.599	ug/l	99
30) Chloroform	5.093	83	111897	21.615	ug/l	96
31) Cyclohexane	5.471	56	89034	18.796	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	91821	20.036	ug/l	98
36) 1,1-Dichloropropene	5.690	75	75401	18.432	ug/l	99
37) Ethyl Acetate	4.715	43	93352	20.889	ug/l	99
38) Carbon Tetrachloride	5.678	117	74952	18.418	ug/l	96
39) Methylcyclohexane	7.379	83	86197	17.607	ug/l	96
40) Benzene	6.038	78	232291	19.411	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51499	21.027	ug/l	98
42) 1,2-Dichloroethane	6.086	62	92693	21.076	ug/l	99
43) Isopropyl Acetate	6.336	43	155017	20.475	ug/l	100
44) Trichloroethene	7.123	130	57802	18.590	ug/l	94
45) 1,2-Dichloropropane	7.428	63	61916	19.815	ug/l	99
46) Dibromomethane	7.580	93	43054	20.267	ug/l	98
47) Bromodichloromethane	7.824	83	80035	19.467	ug/l	96
48) Methyl methacrylate	7.690	41	75074	20.618	ug/l	97
49) 1,4-Dioxane	7.659	88	34707	453.814	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	487716	111.048	ug/l	99
52) Toluene	8.714	92	145034	19.576	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	80702	17.423	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	90759	18.111	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	61519	20.923	ug/l	98
56) Ethyl methacrylate	9.116	69	97421	20.180	ug/l	99
57) 1,3-Dichloropropane	9.305	76	106182	20.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	264589	106.347	ug/l	100
59) 2-Hexanone	9.427	43	368321	108.488	ug/l	99
60) Dibromochloromethane	9.519	129	58383	18.932	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62982	19.850	ug/l	100
64) Tetrachloroethene	9.275	164	48639	19.830	ug/l	98
65) Chlorobenzene	10.079	112	154037	19.227	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	56297	19.294	ug/l	99
67) Ethyl Benzene	10.195	91	282583	19.703	ug/l	98
68) m/p-Xylenes	10.299	106	213839	38.813	ug/l	98
69) o-Xylene	10.640	106	112218	20.296	ug/l	96
70) Styrene	10.659	104	182295	20.435	ug/l	99
71) Bromoform	10.799	173	39311	17.502	ug/l #	100
73) Isopropylbenzene	10.963	105	281816	18.909	ug/l	99
74) N-amyl acetate	10.842	43	135660	19.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98513	19.808	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79897m	18.045	ug/l	
77) Bromobenzene	11.195	156	66167	18.504	ug/l	99
78) n-propylbenzene	11.305	91	326113	18.946	ug/l	98
79) 2-Chlorotoluene	11.366	91	198181	18.643	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	235036	18.801	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22689	13.863	ug/l	85
82) 4-Chlorotoluene	11.451	91	227280	18.562	ug/l	100
83) tert-Butylbenzene	11.713	119	254973	20.229	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	265410	20.774	ug/l	97
85) sec-Butylbenzene	11.890	105	317001	20.572	ug/l	98
86) p-Isopropyltoluene	12.006	119	259979	20.075	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	136682	19.509	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	138694	19.578	ug/l	99
89) n-Butylbenzene	12.335	91	216972	18.846	ug/l	98
90) Hexachloroethane	12.536	117	43077	17.976	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	133354	19.695	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23720	20.992	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	80469	19.005	ug/l	99
94) Hexachlorobutadiene	13.725	225	32196	18.875	ug/l	97
95) Naphthalene	13.774	128	286149	20.154	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82720	19.986	ug/l	99

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ClientSampleId :
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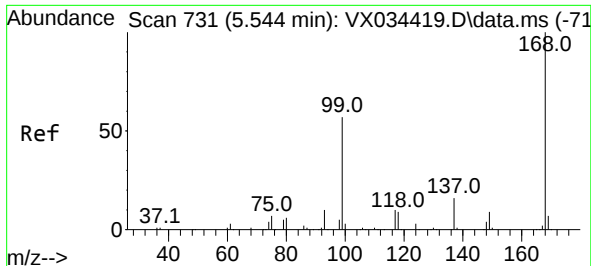
Manual Integrations
APPROVED

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Quant Time: Mar 17 07:50:50 2023
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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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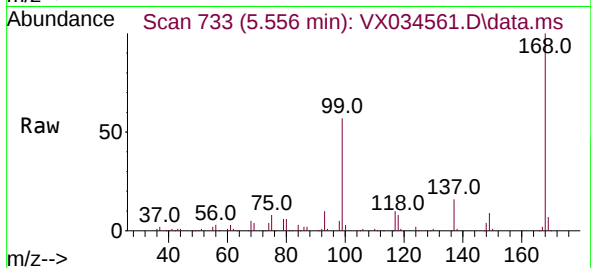
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 731
Delta R.T. 0.012 min
Lab File: VX034561.D
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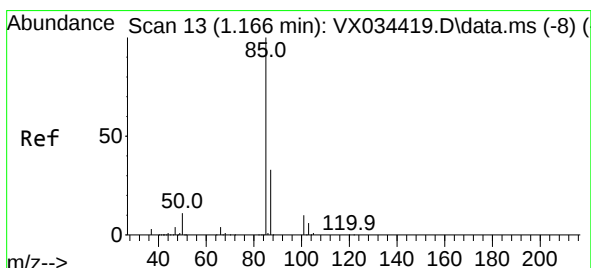
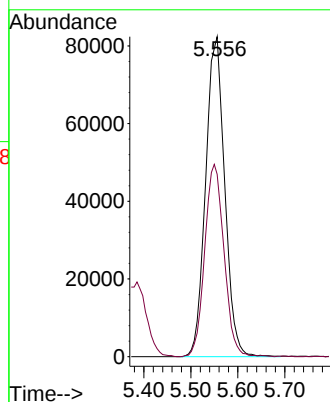
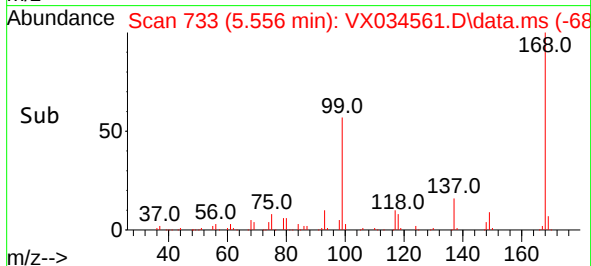
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion:168 Resp: 232169
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5

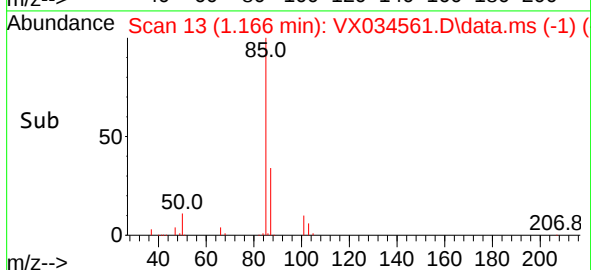
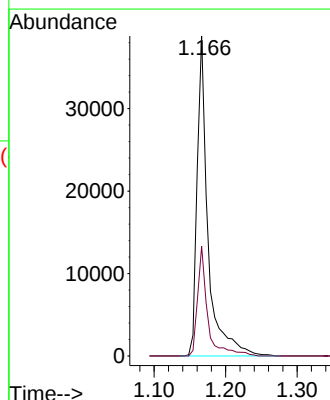
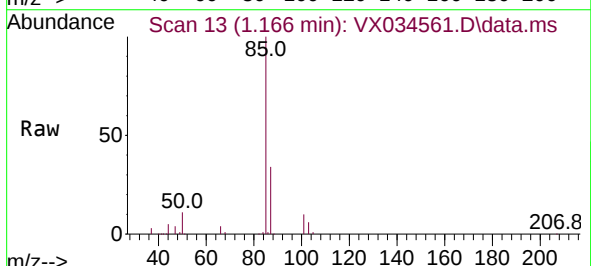
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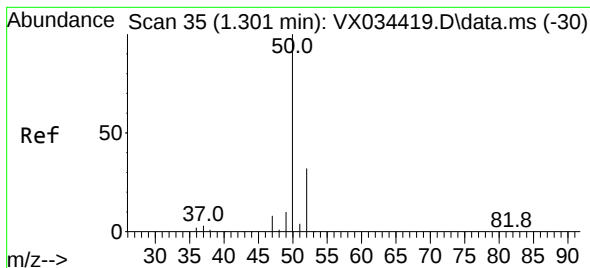
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#2
Dichlorodifluoromethane
Concen: 18.895 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion: 85 Resp: 40896
Ion Ratio Lower Upper
85 100
87 34.3 16.4 49.1





#3

Chloromethane

Concen: 16.839 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

Tgt Ion: 50 Resp: 5806

Ion Ratio Lower Upper

50 100

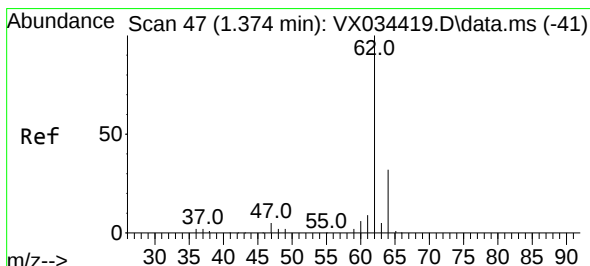
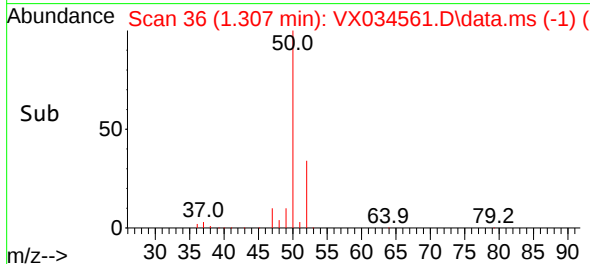
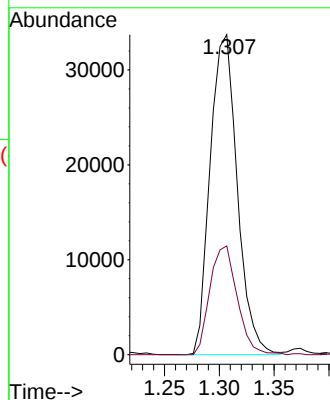
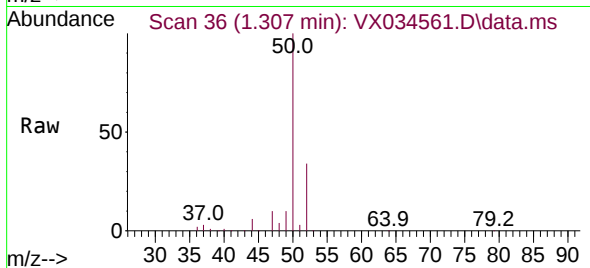
52 34.0 25.9 38.9

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 03/17/2023



#4

Vinyl Chloride

Concen: 19.828 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034561.D

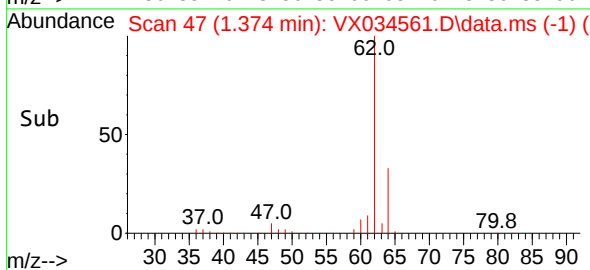
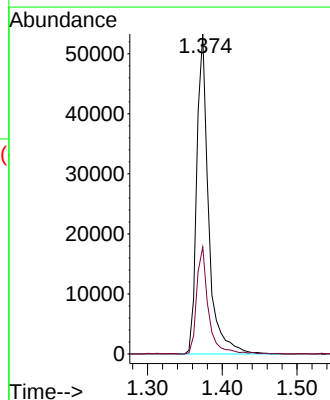
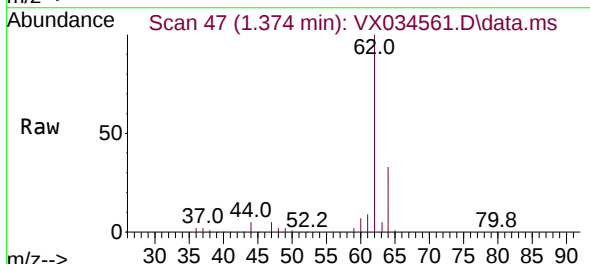
Acq: 17 Mar 2023 04:04

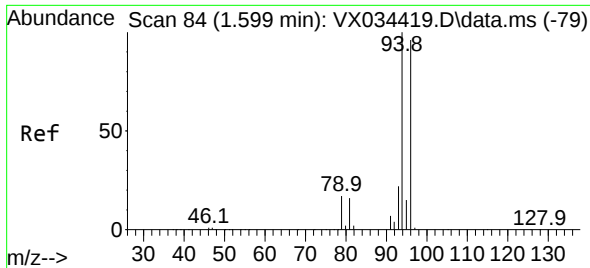
Tgt Ion: 62 Resp: 58435

Ion Ratio Lower Upper

62 100

64 33.5 26.4 39.6





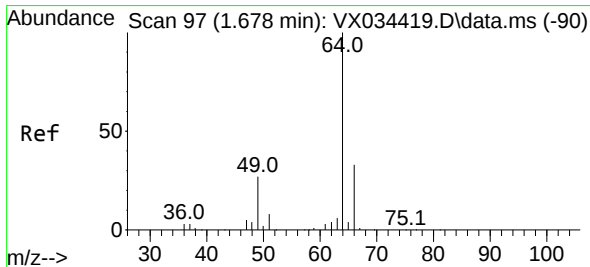
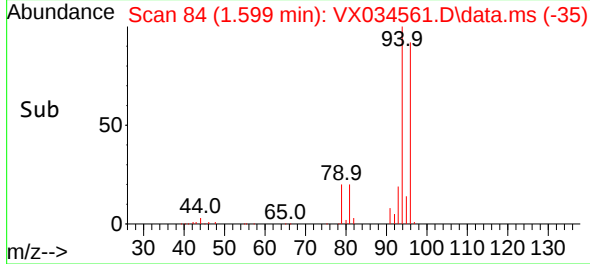
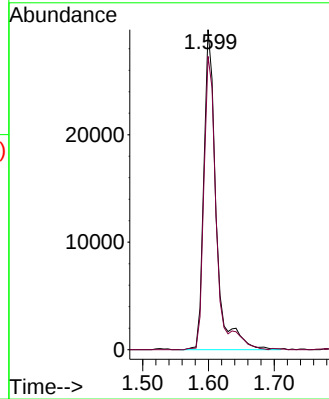
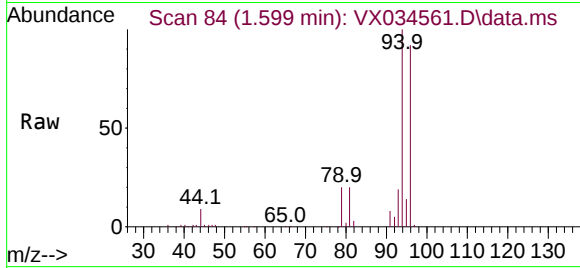
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Bromomethane
Concen: 26.064 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 38750
Ion Ratio Lower Upper
94 100
96 91.7 77.0 115.6

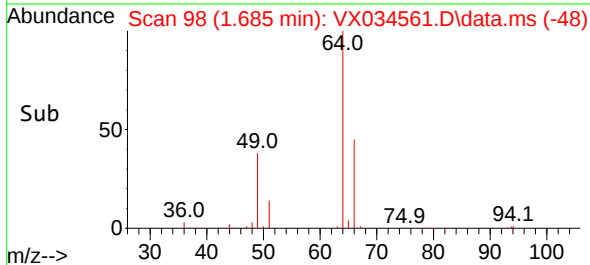
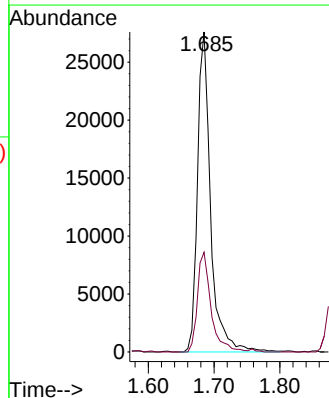
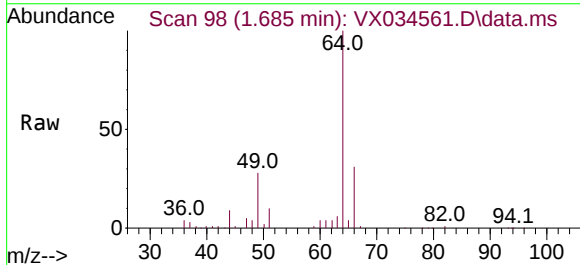
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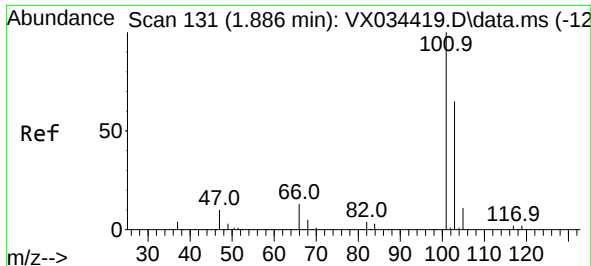
Reviewed By :John Carlone 03/17/2023
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#6
Chloroethane
Concen: 22.495 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

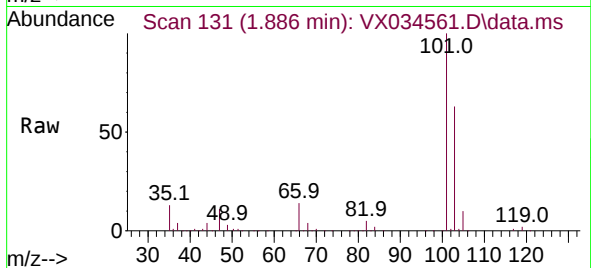
Tgt Ion: 64 Resp: 38171
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.352 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

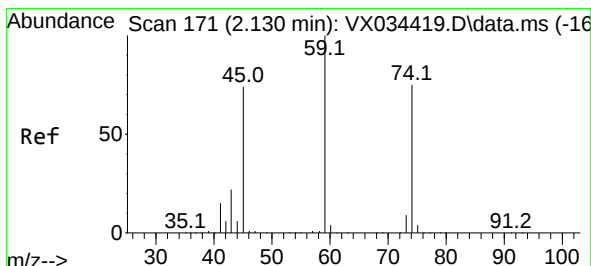
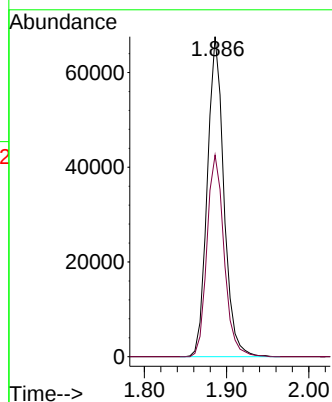
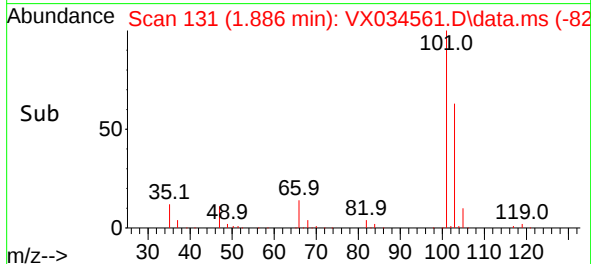
Instrument :
MSVOA_X
ClientSampleId :
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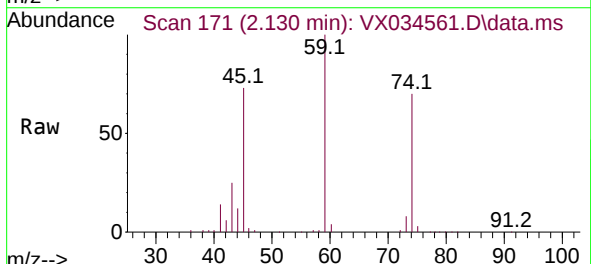
Tgt Ion:101 Resp: 94552
Ion Ratio Lower Upper
101 100
103 63.0 52.0 78.0

Manual Integrations
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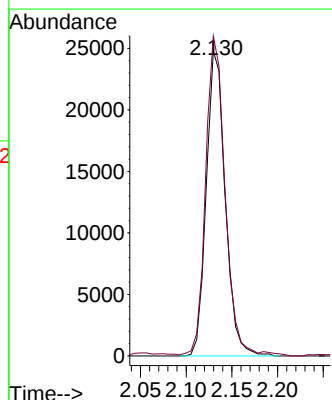
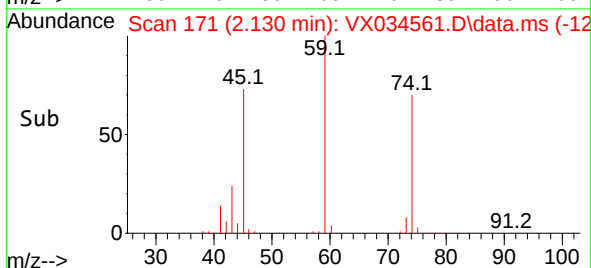
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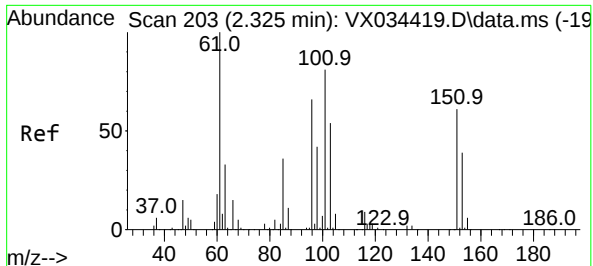


#8
Diethyl Ether
Concen: 22.084 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



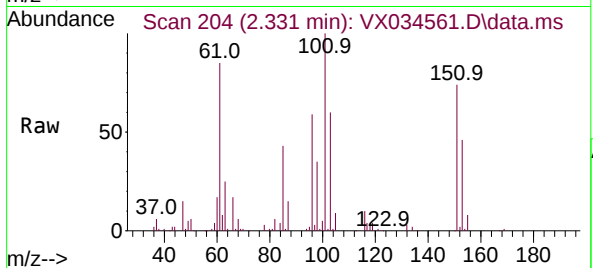
Tgt Ion: 74 Resp: 35699
Ion Ratio Lower Upper
74 100
45 107.9 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.730 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

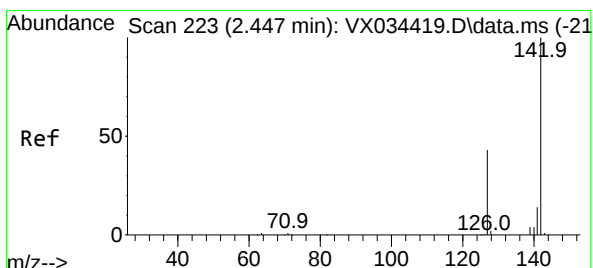
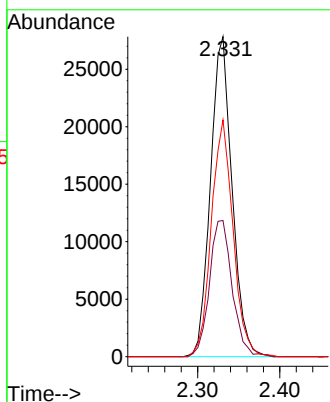
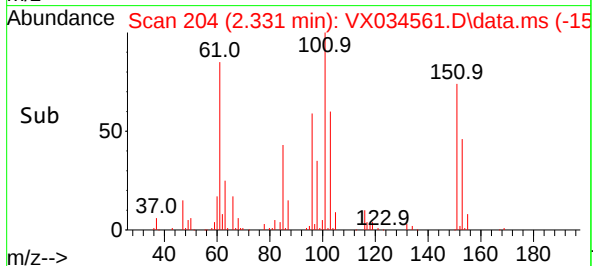
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



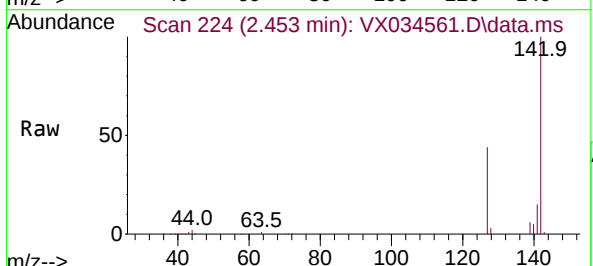
Tgt Ion:101 Resp: 5091
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.2
151 74.3 60.2 90.4

Manual Integrations
APPROVED

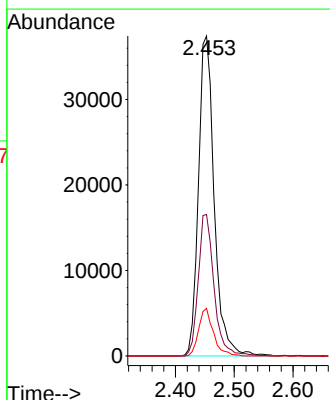
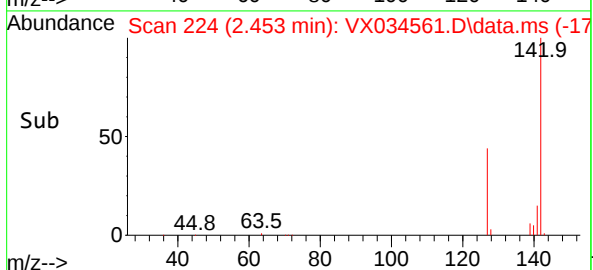
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

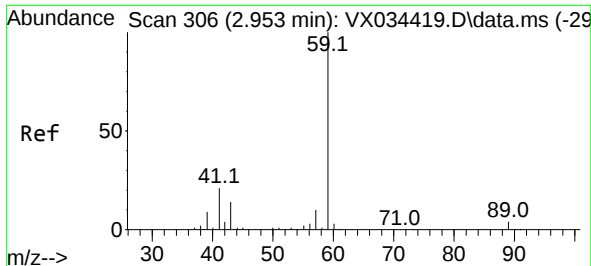


#10
Methyl Iodide
Concen: 20.606 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



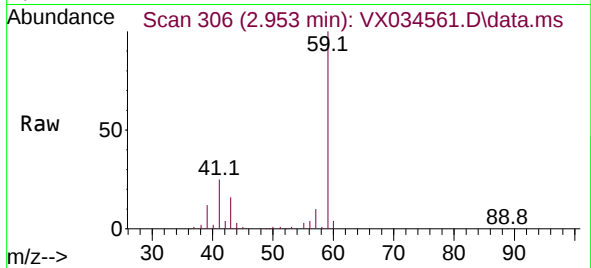
Tgt Ion:142 Resp: 69818
Ion Ratio Lower Upper
142 100
127 44.3 34.0 51.0
141 13.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 102.208 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

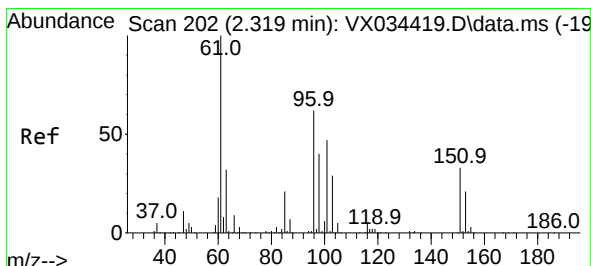
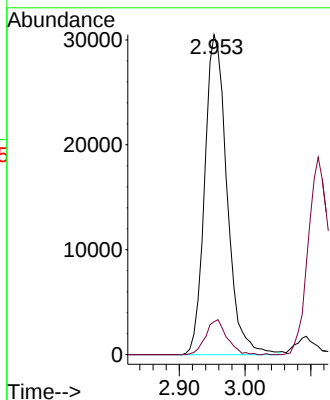
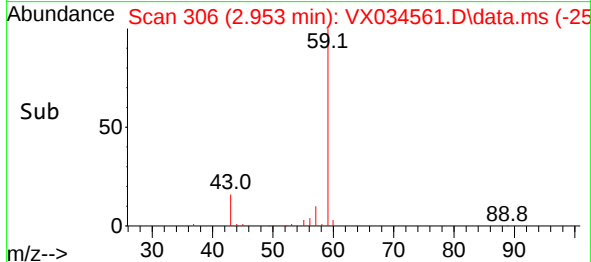
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



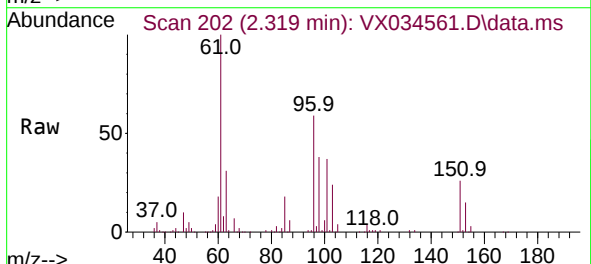
Tgt Ion: 59 Resp: 71889
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

Manual Integrations
APPROVED

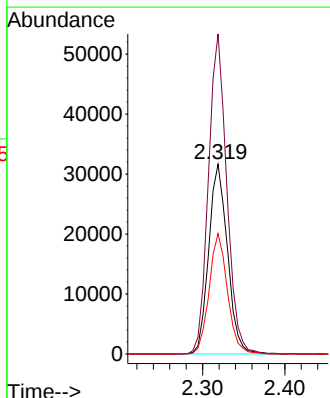
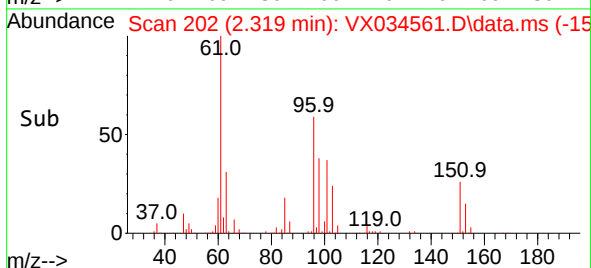
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#12
1,1-Dichloroethene
Concen: 19.763 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



Tgt Ion: 96 Resp: 50229
Ion Ratio Lower Upper
96 100
61 168.7 128.8 193.2
98 63.4 51.4 77.0





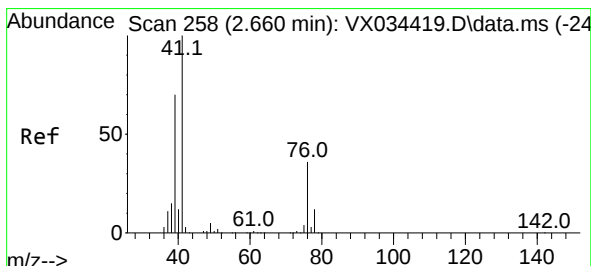
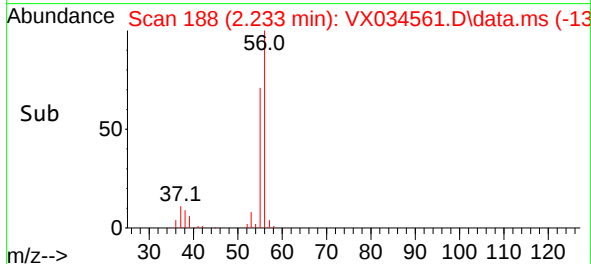
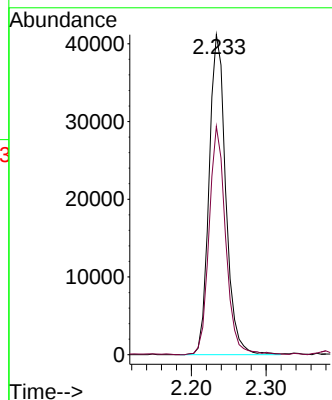
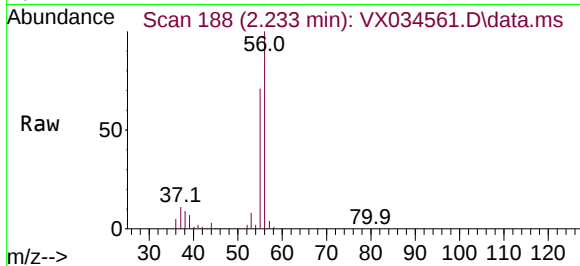
#13
Acrolein
Concen: 114.442 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion: 56 Resp: 63678
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

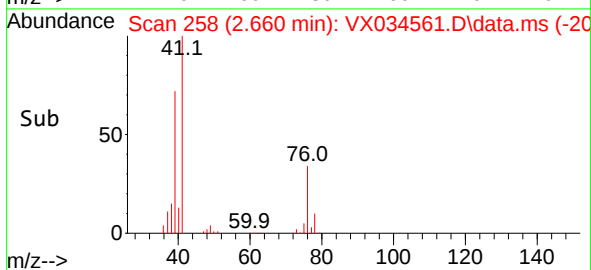
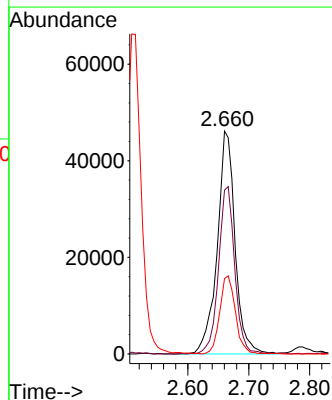
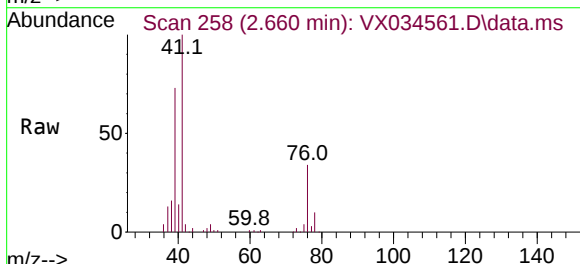
Manual Integrations
APPROVED

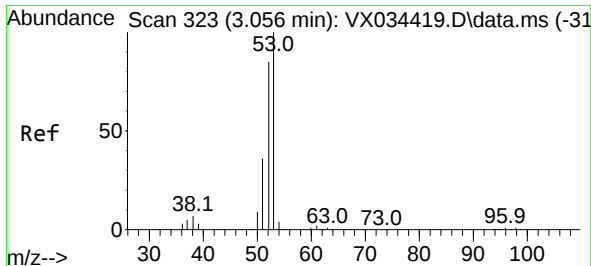
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#14
Allyl chloride
Concen: 18.306 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion: 41 Resp: 94328
Ion Ratio Lower Upper
41 100
39 68.2 52.4 78.6
76 30.8 26.0 39.0





#15

Acrylonitrile

Concen: 111.818 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

Tgt Ion: 53 Resp: 16989

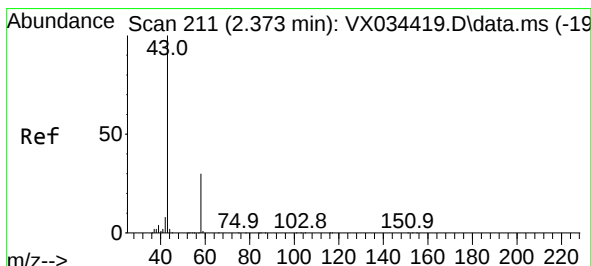
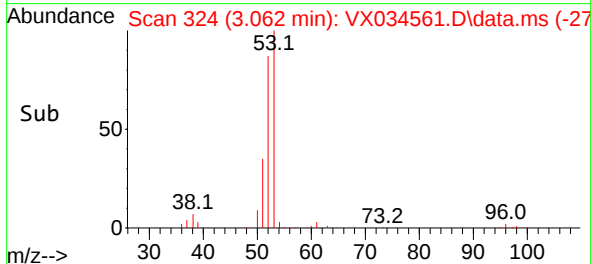
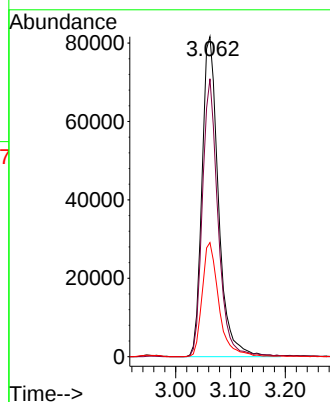
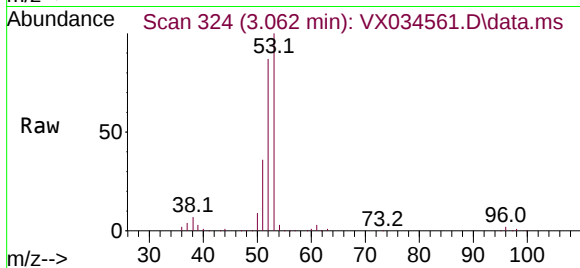
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	36.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#16

Acetone

Concen: 98.168 ug/l

RT: 2.374 min Scan# 211

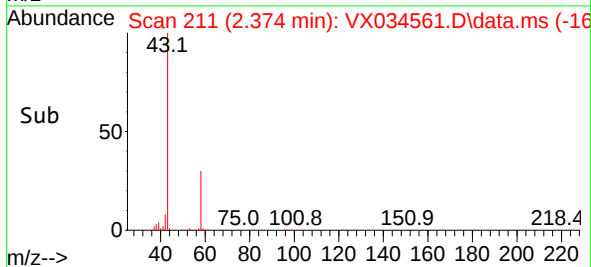
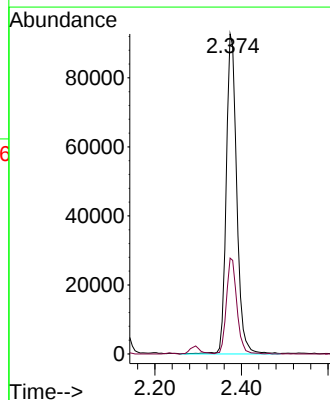
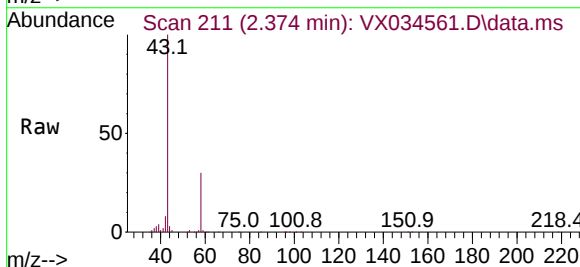
Delta R.T. 0.000 min

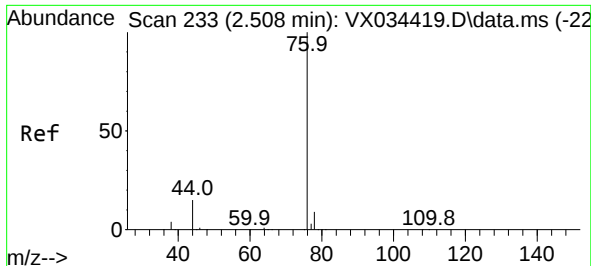
Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Tgt Ion: 43 Resp: 156186

Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.7	37.1





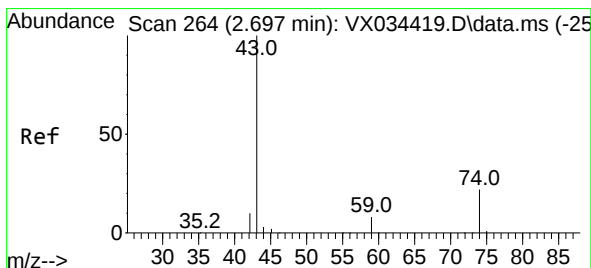
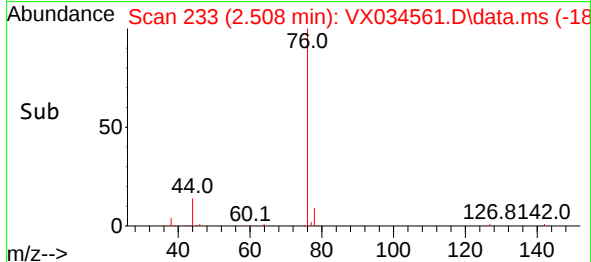
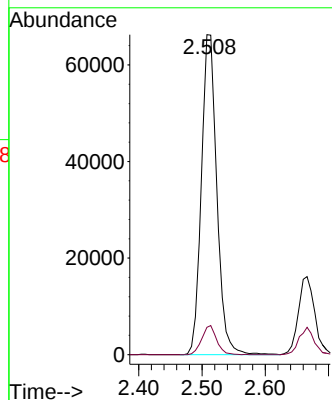
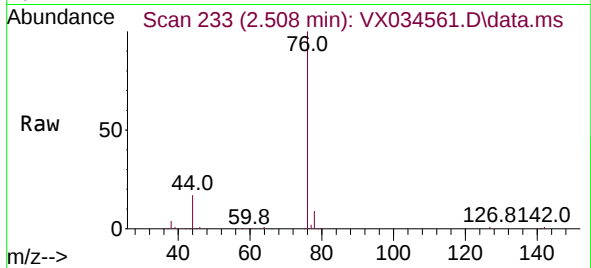
#17
Carbon Disulfide
Concen: 15.804 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion: 76 Resp: 11303
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

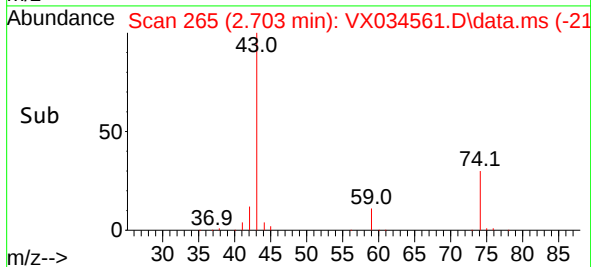
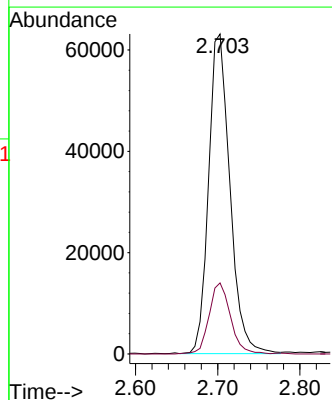
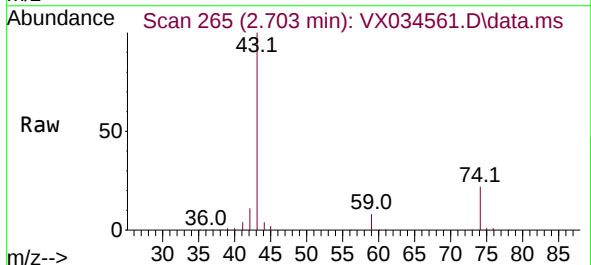
Manual Integrations
APPROVED

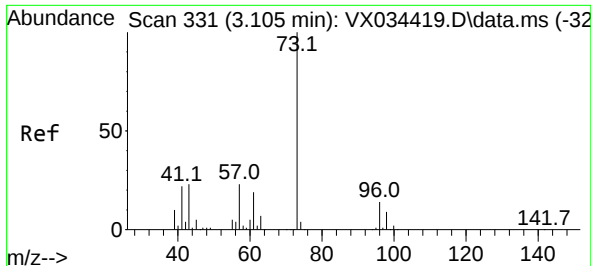
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#18
Methyl Acetate
Concen: 21.839 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

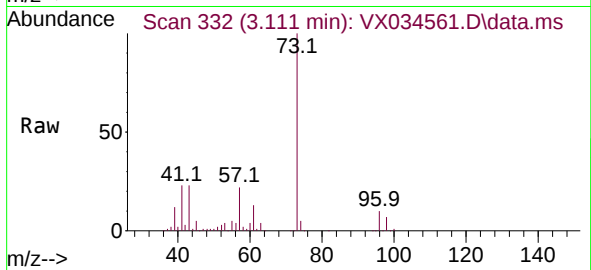
Tgt Ion: 43 Resp: 113532
Ion Ratio Lower Upper
43 100
74 22.3 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 21.080 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

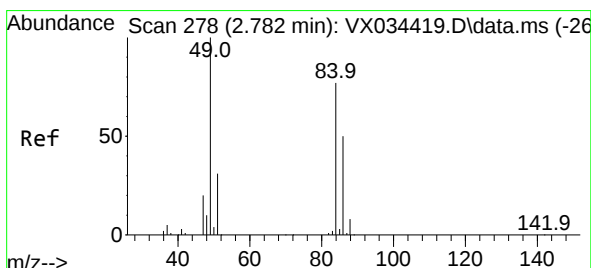
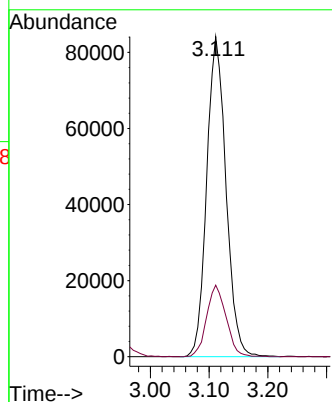
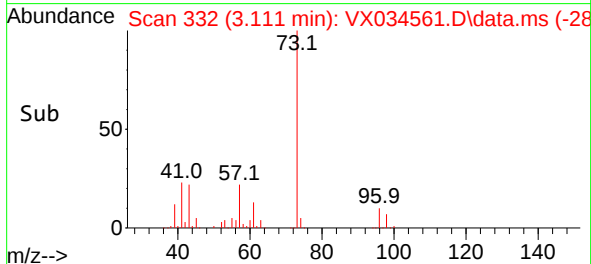
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion: 73 Resp: 191829
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7

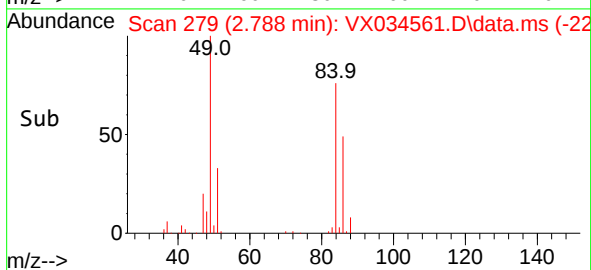
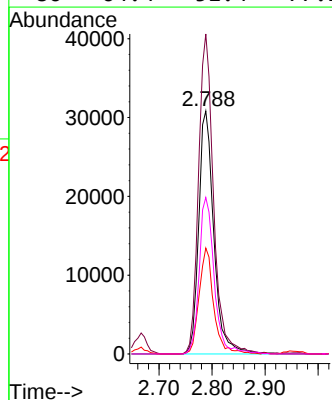
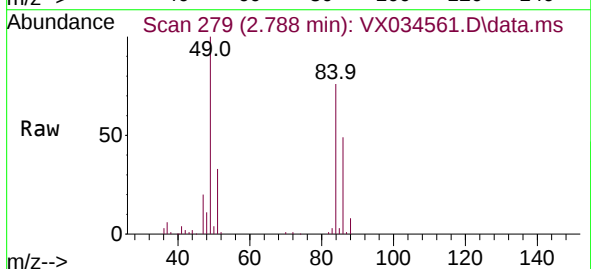
Manual Integrations
APPROVED

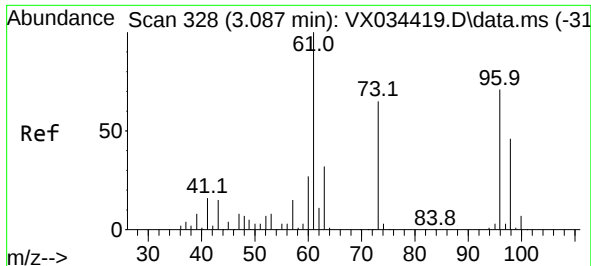
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#20
Methylene Chloride
Concen: 19.782 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

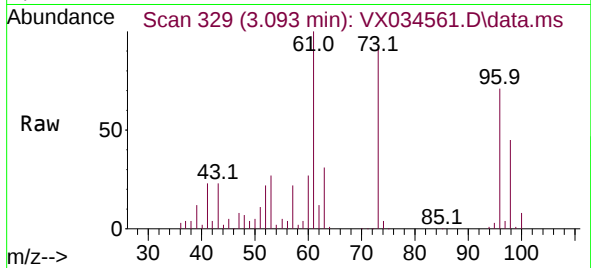
Tgt Ion: 84 Resp: 61085
Ion Ratio Lower Upper
84 100
49 131.8 103.8 155.8
51 43.6 31.8 47.8
86 64.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 19.721 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

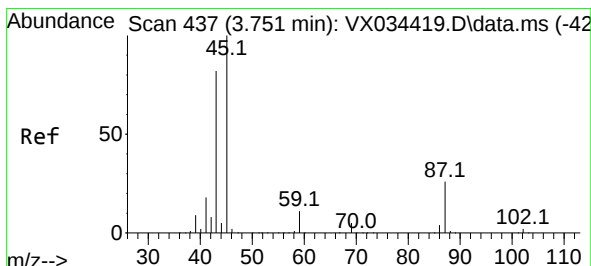
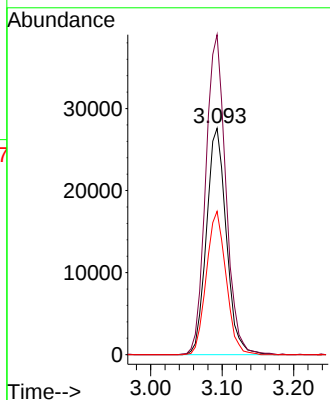
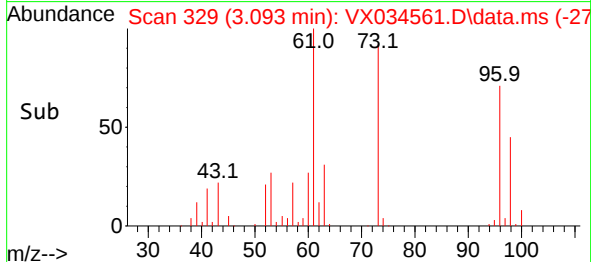
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



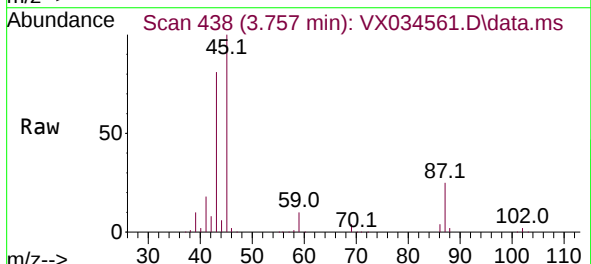
Tgt Ion: 96 Resp: 5323
Ion Ratio Lower Upper
96 100
61 141.4 113.0 169.6
98 63.3 52.1 78.1

Manual Integrations
APPROVED

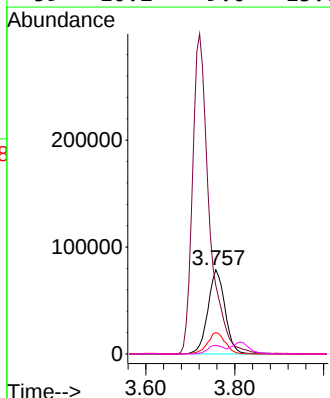
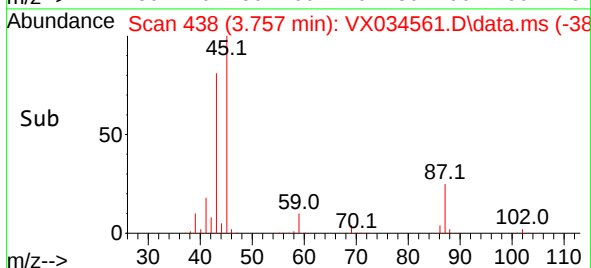
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

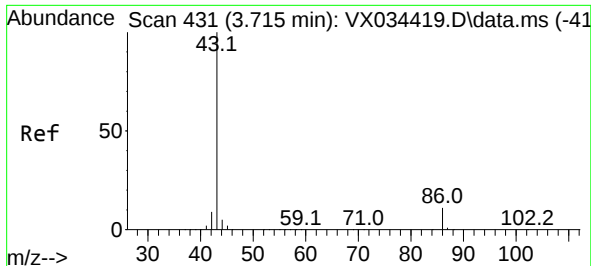


#22
Diisopropyl ether
Concen: 21.332 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



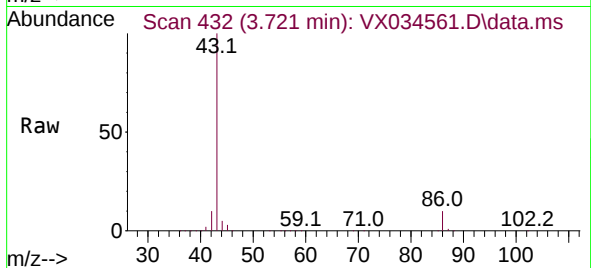
Tgt Ion: 45 Resp: 209576
Ion Ratio Lower Upper
45 100
43 81.1 65.4 98.2
87 25.3 20.6 31.0
59 10.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 104.890 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034561.D
 Acq: 17 Mar 2023 04:04

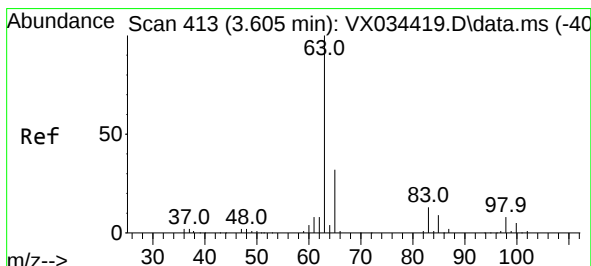
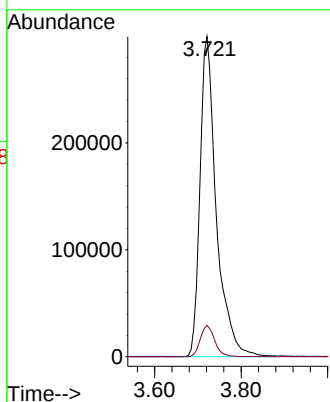
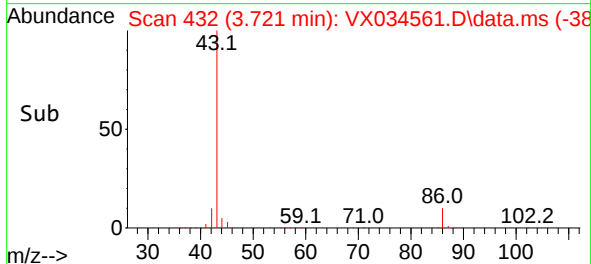
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS02



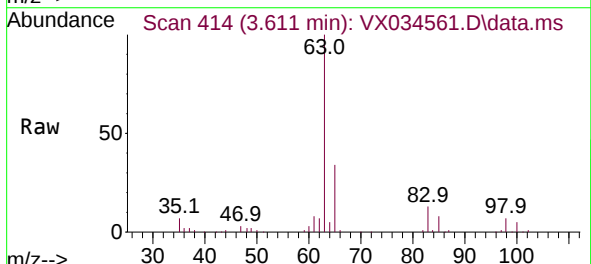
Tgt Ion: 43 Resp: 784260
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

Manual Integrations
 APPROVED

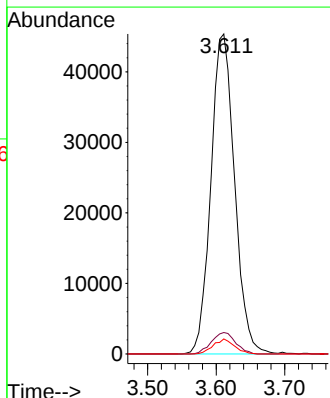
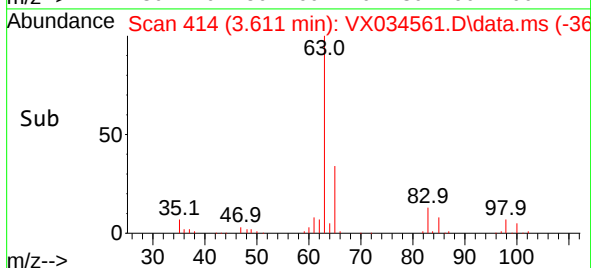
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

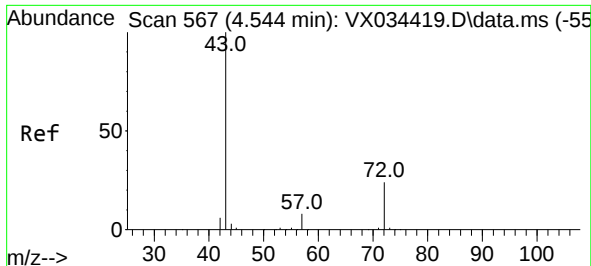


#24
 1,1-Dichloroethane
 Concen: 20.614 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034561.D
 Acq: 17 Mar 2023 04:04



Tgt Ion: 63 Resp: 108865
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.7 2.4 7.1





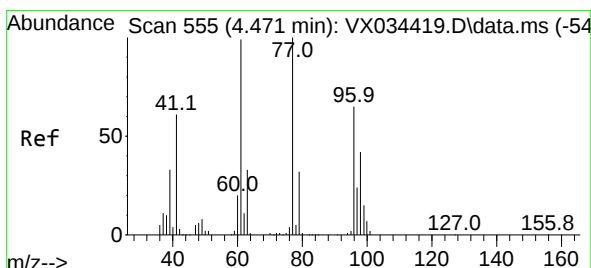
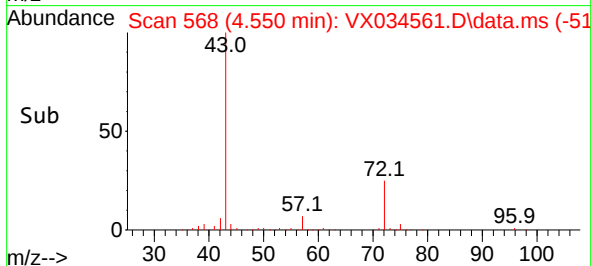
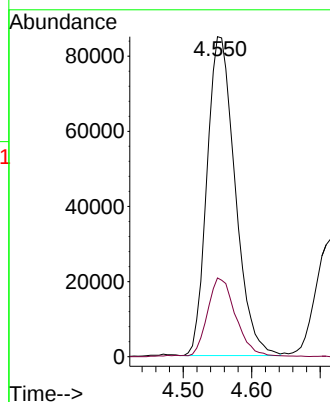
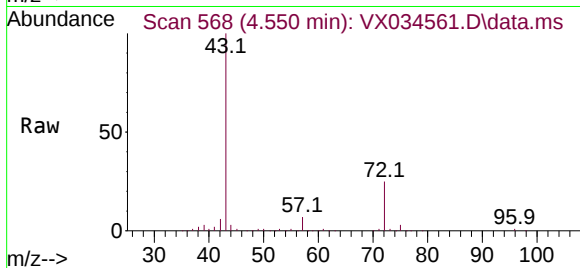
#25
2-Butanone
Concen: 106.397 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion: 43 Resp: 242214
Ion Ratio Lower Upper
43 100
72 24.4 19.3 28.9

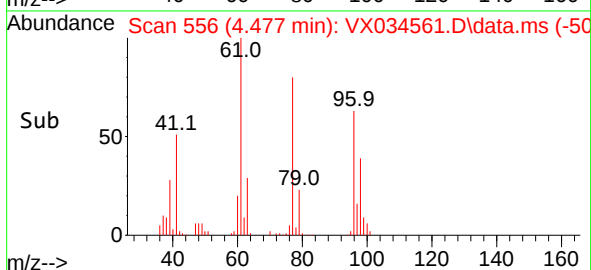
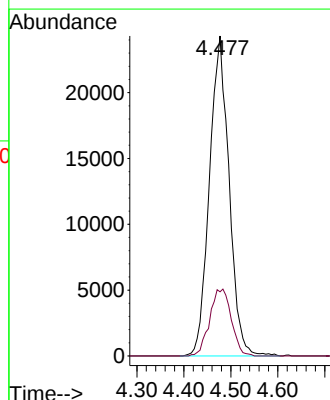
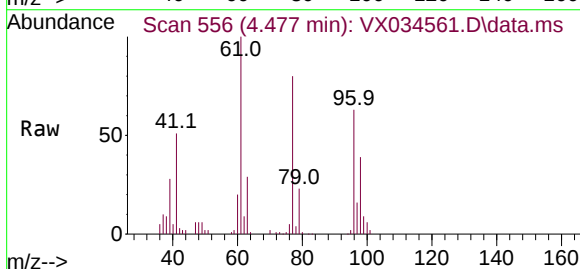
Manual Integrations
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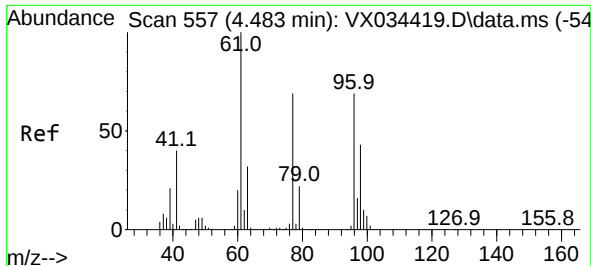
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#26
2,2-Dichloropropane
Concen: 15.349 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion: 77 Resp: 70461
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.005 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

Tgt Ion: 96 Resp: 6500

Ion Ratio Lower Upper

96 100

61 148.9 0.0 300.4

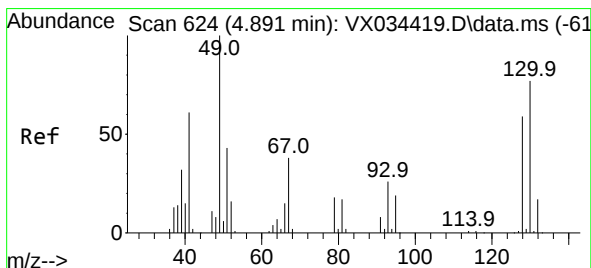
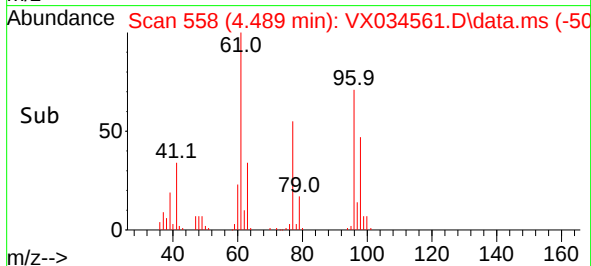
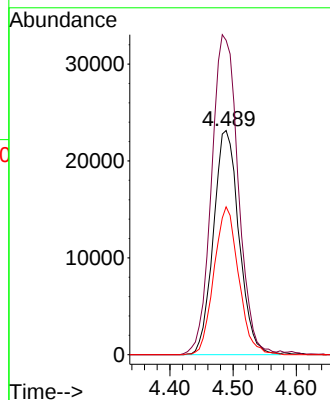
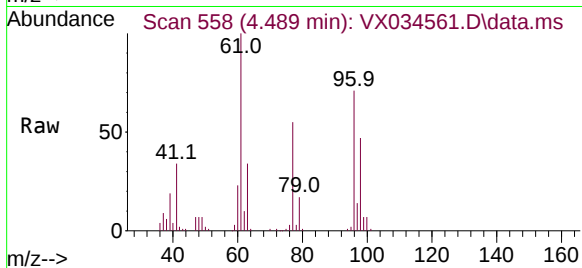
98 63.6 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#28

Bromochloromethane

Concen: 17.676 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

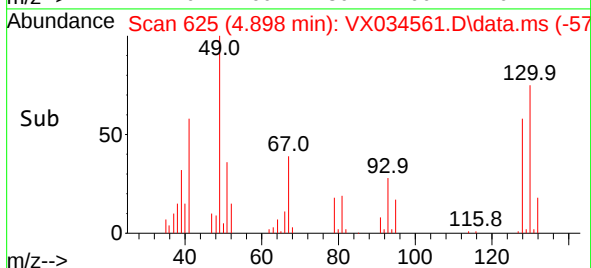
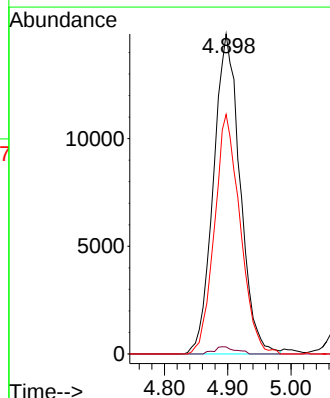
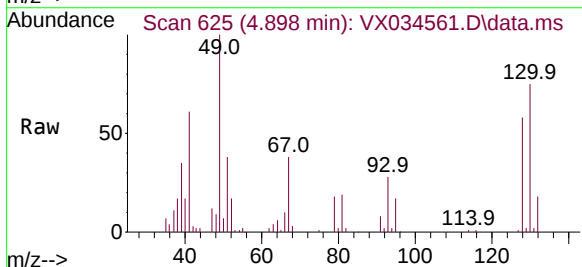
Tgt Ion: 49 Resp: 43405

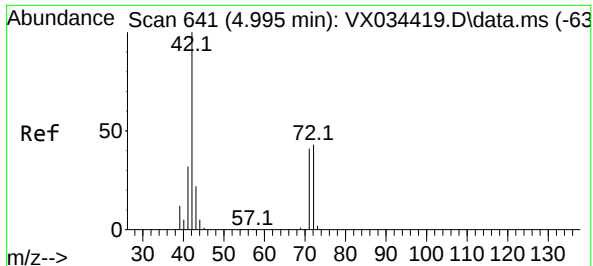
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 72.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 111.599 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

Tgt Ion: 42 Resp: 156768

Ion Ratio Lower Upper

42 100

72 42.3 34.5 51.7

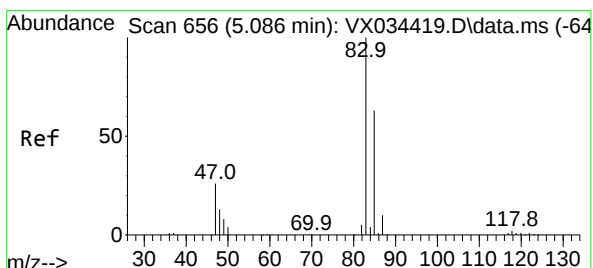
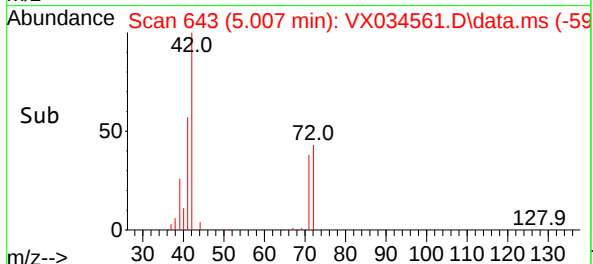
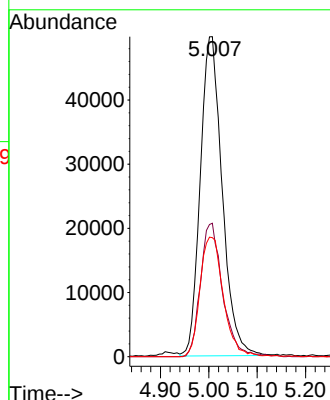
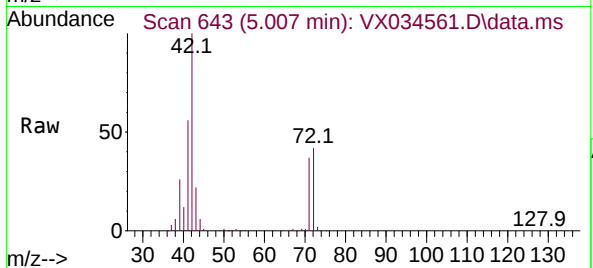
71 39.8 32.1 48.1

Manual Integrations

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Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#30

Chloroform

Concen: 21.615 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034561.D

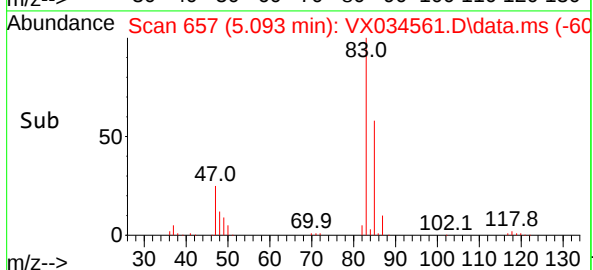
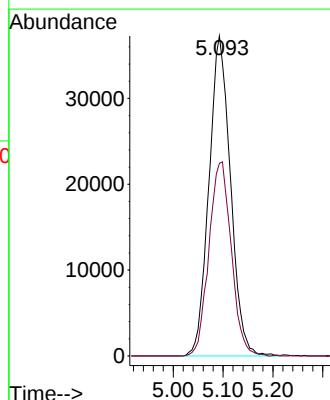
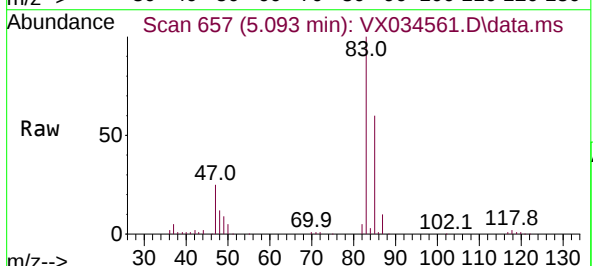
Acq: 17 Mar 2023 04:04

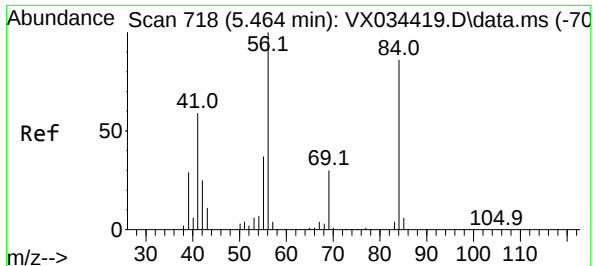
Tgt Ion: 83 Resp: 111897

Ion Ratio Lower Upper

83 100

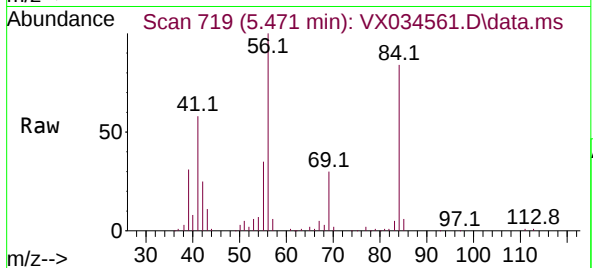
85 60.2 50.6 76.0





#31
Cyclohexane
Concen: 18.796 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

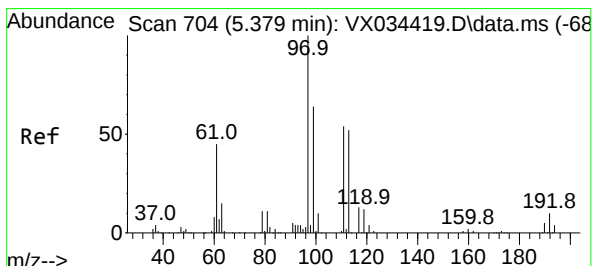
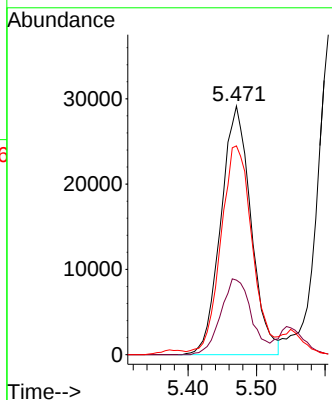
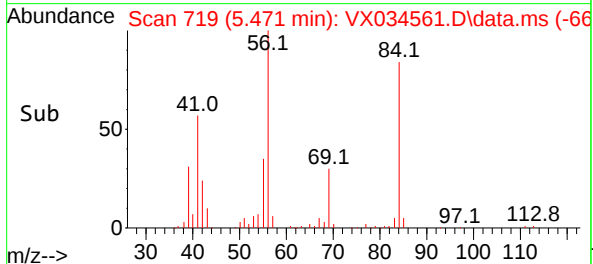
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion: 56 Resp: 89034
Ion Ratio Lower Upper
56 100
69 30.0 23.7 35.5
84 82.2 68.5 102.7

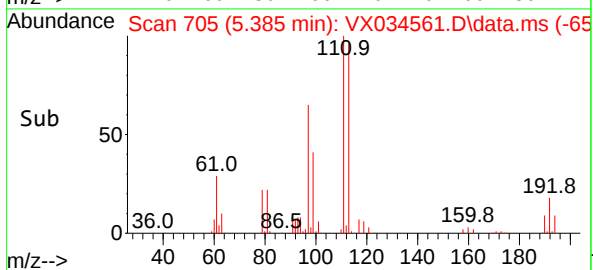
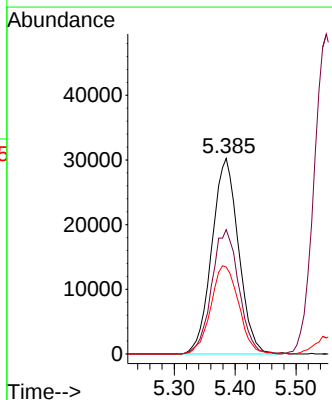
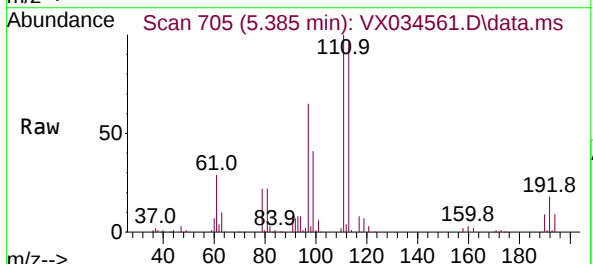
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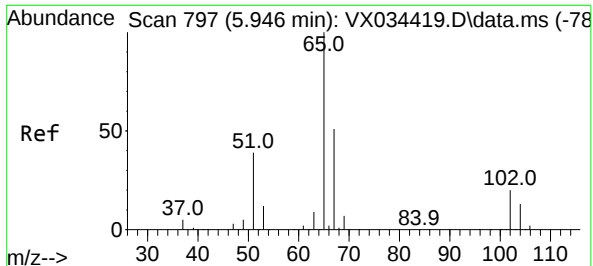
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#32
1,1,1-Trichloroethane
Concen: 20.036 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion: 97 Resp: 91821
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 47.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 51.327 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

Tgt Ion: 65 Resp: 17336

Ion Ratio Lower Upper

65 100

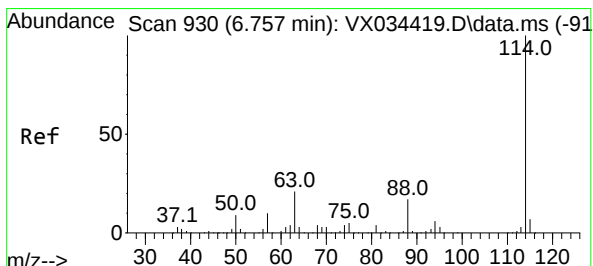
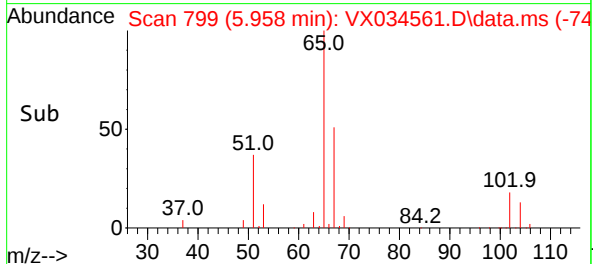
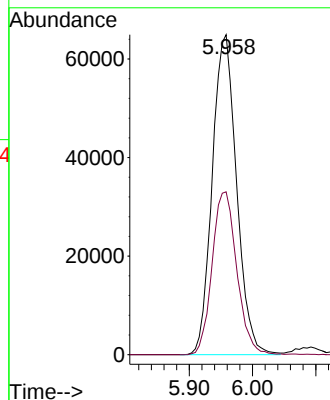
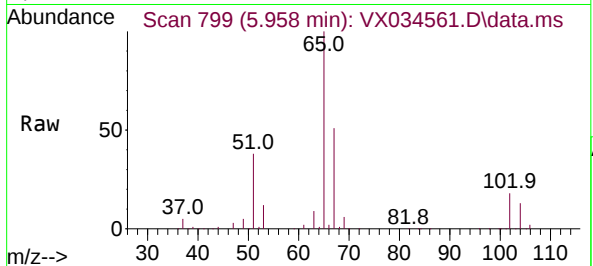
67 51.6 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

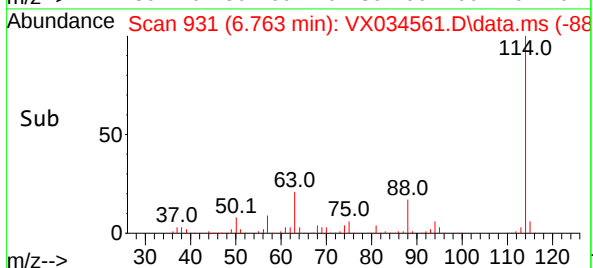
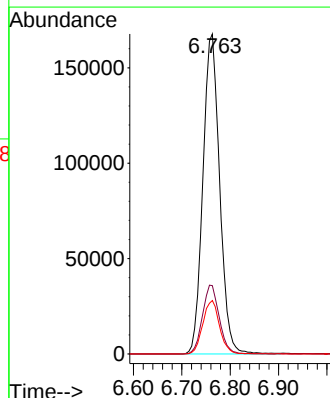
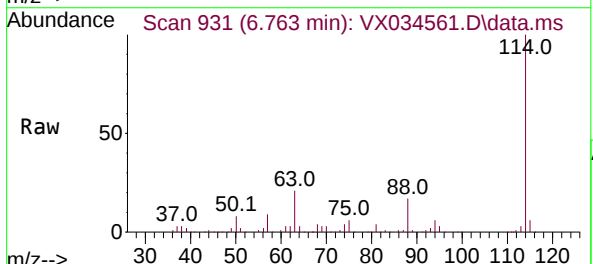
Tgt Ion:114 Resp: 403389

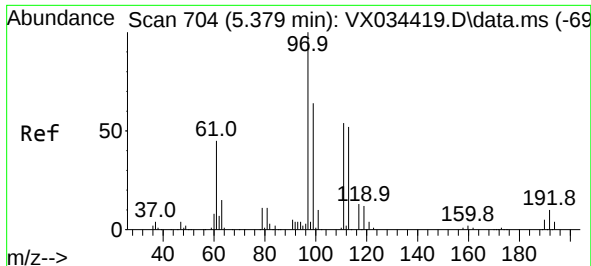
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.143 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

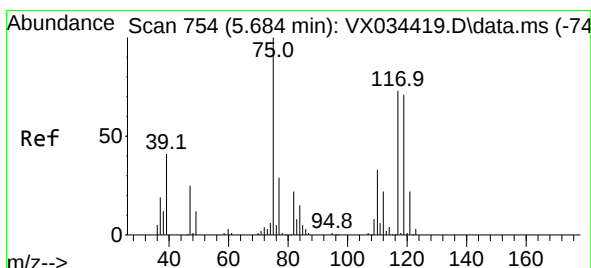
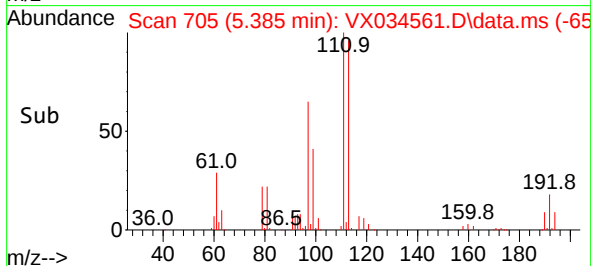
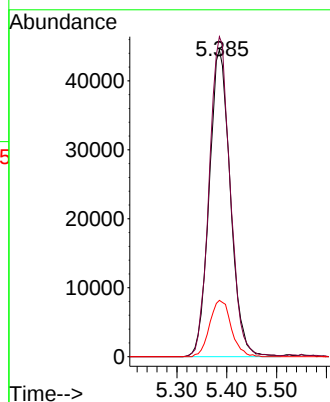
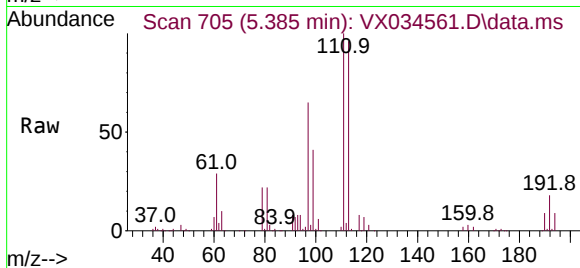
Tgt Ion:	113	Resp:	13088
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.7	125.5
192	18.8	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#36

1,1-Dichloropropene

Concen: 18.432 ug/l

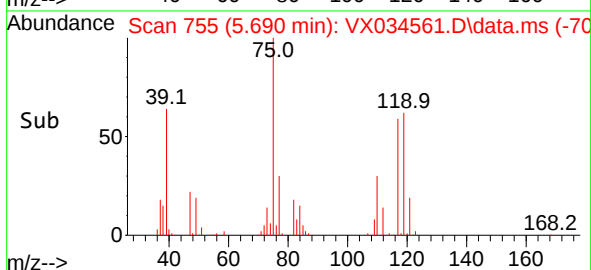
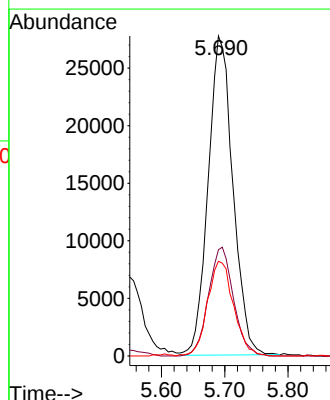
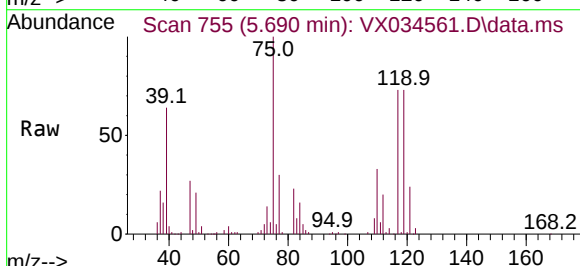
RT: 5.690 min Scan# 755

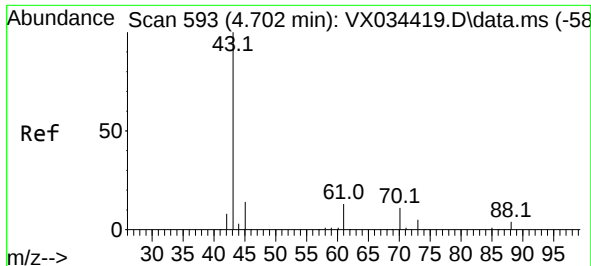
Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Tgt Ion:	75	Resp:	75401
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.5	52.5
77	31.3	24.3	36.5





#37

Ethyl Acetate

Concen: 20.889 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

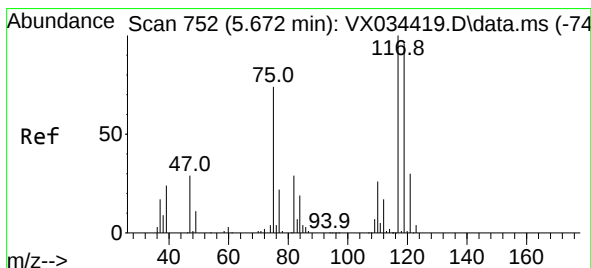
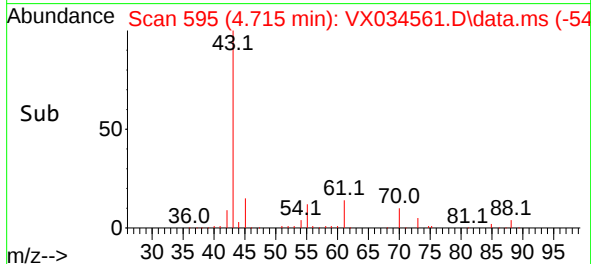
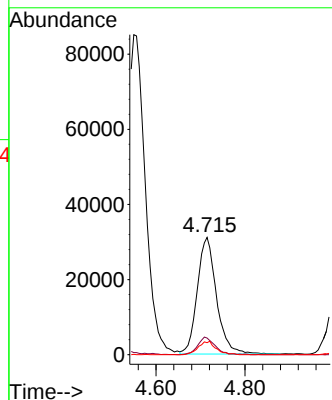
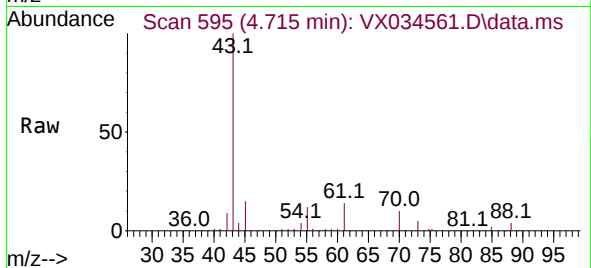
Tgt Ion: 43	Resp: 93352
Ion Ratio	Lower Upper
43 100	
61 13.4	10.2 15.4
70 10.4	8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#38

Carbon Tetrachloride

Concen: 18.418 ug/l

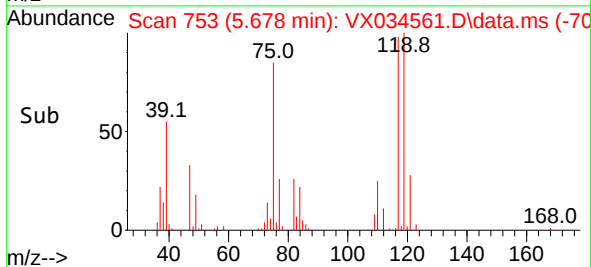
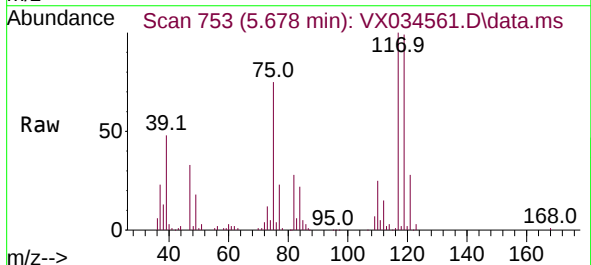
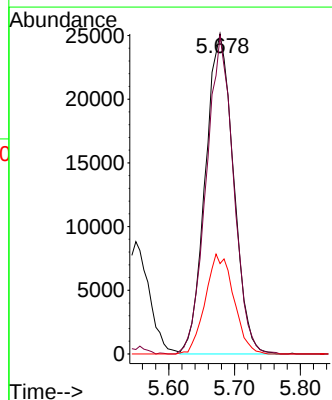
RT: 5.678 min Scan# 753

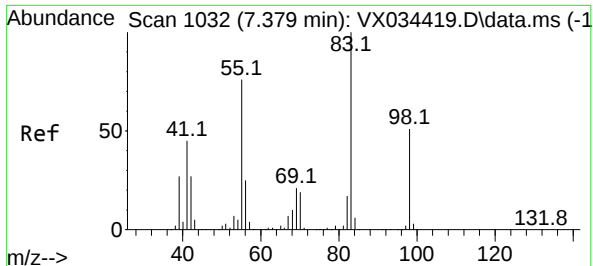
Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Tgt Ion:117	Resp: 74952
Ion Ratio	Lower Upper
117 100	
119 99.4	76.6 114.8
121 28.3	23.8 35.6





#39

Methylcyclohexane

Concen: 17.607 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

Tgt Ion: 83 Resp: 8619

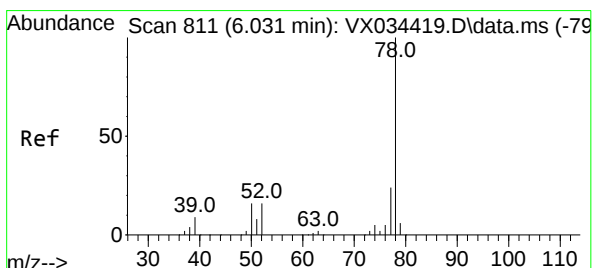
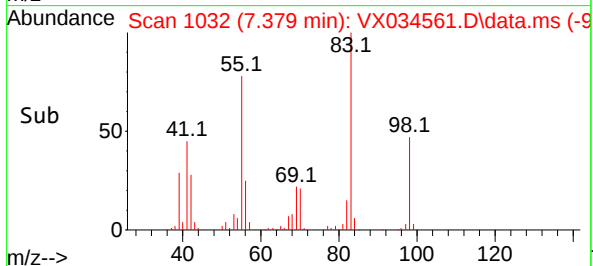
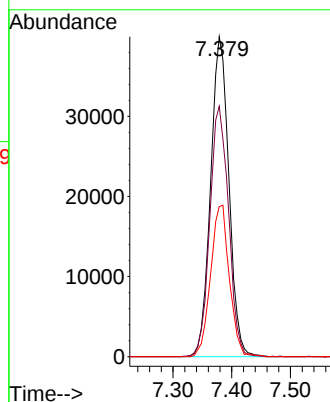
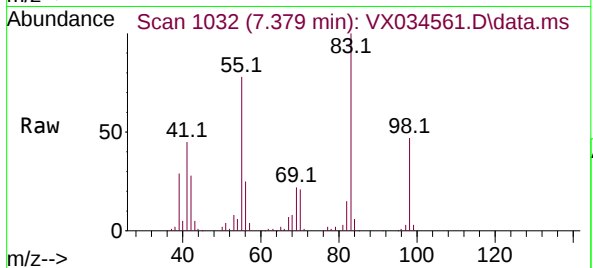
Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.5	90.7
98	46.9	40.4	60.6

Manual Integrations

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Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#40

Benzene

Concen: 19.411 ug/l

RT: 6.038 min Scan# 812

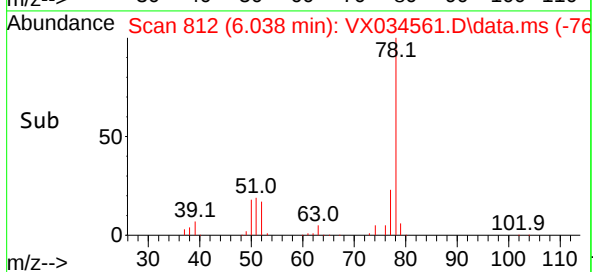
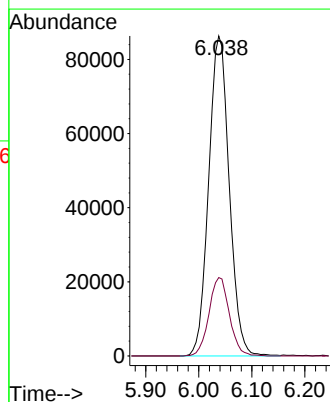
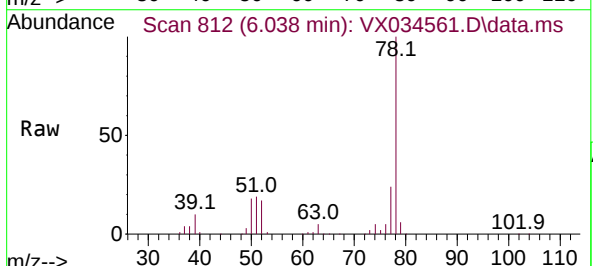
Delta R.T. 0.006 min

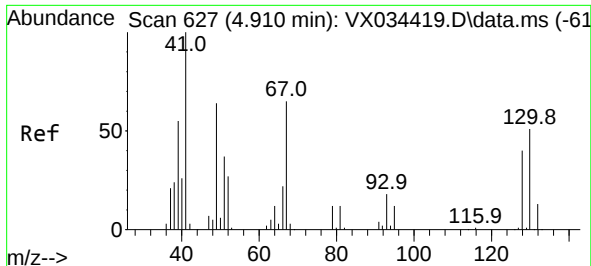
Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Tgt Ion: 78 Resp: 232291

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





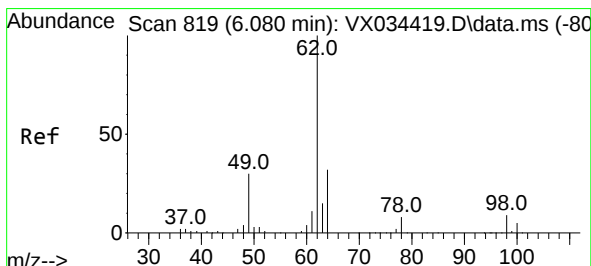
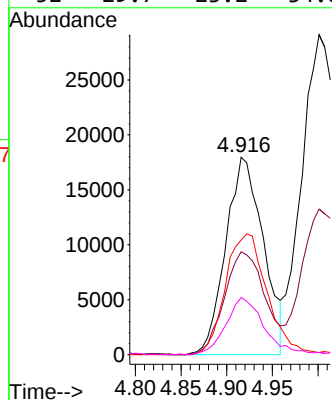
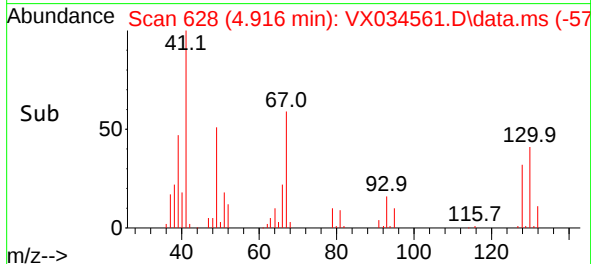
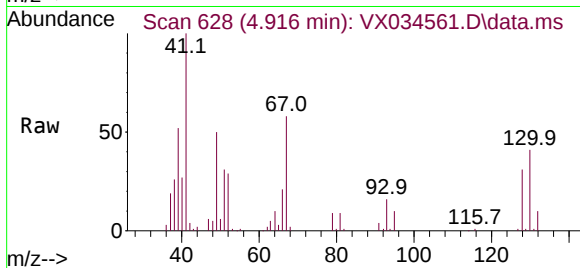
#41
Methacrylonitrile
Concen: 21.027 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion: 41 Resp: 5149
Ion Ratio Lower Upper
41 100
39 55.9 45.0 67.6
67 67.3 55.6 83.4
52 29.7 23.2 34.8

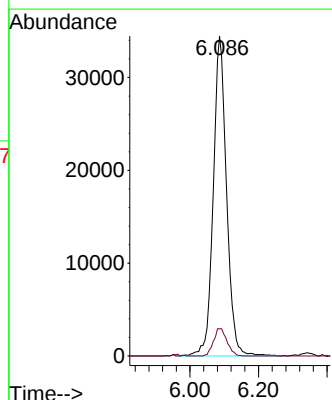
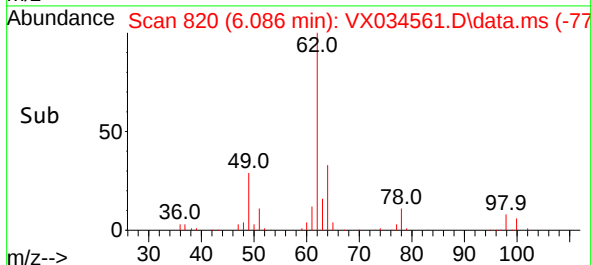
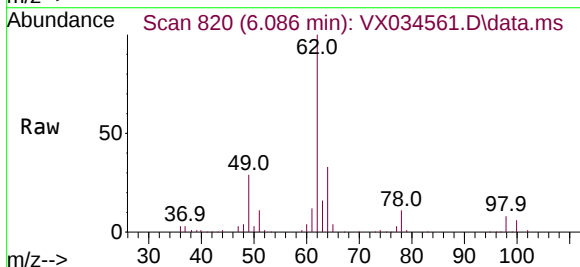
Manual Integrations
APPROVED

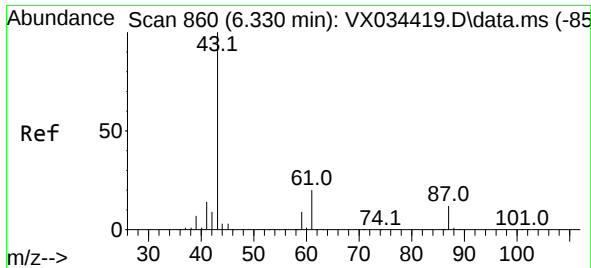
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#42
1,2-Dichloroethane
Concen: 21.076 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion: 62 Resp: 92693
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.0





#43

Isopropyl Acetate

Concen: 20.475 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

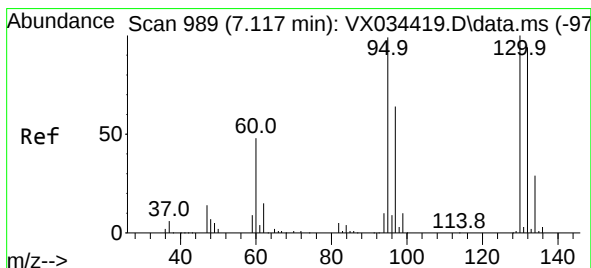
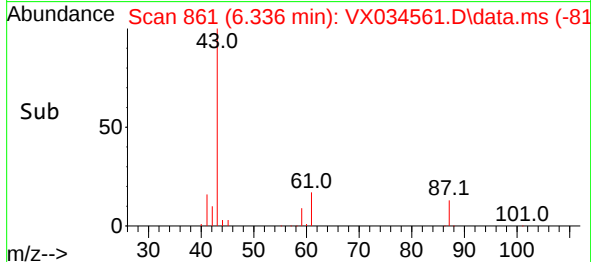
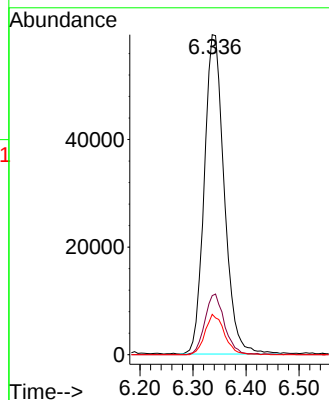
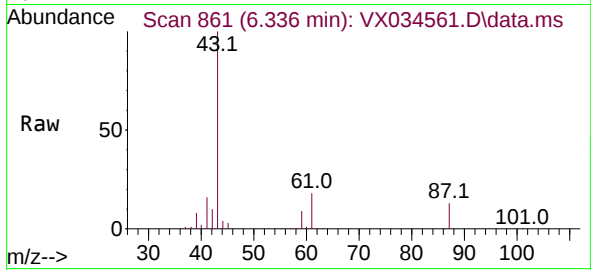
Tgt Ion:	43	Resp:	15501
Ion Ratio	Lower	Upper	
43	100		
61	18.7	15.2	22.8
87	12.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#44

Trichloroethene

Concen: 18.590 ug/l

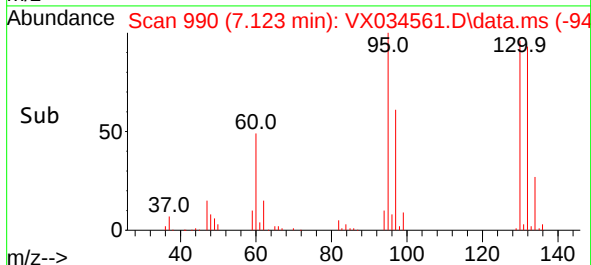
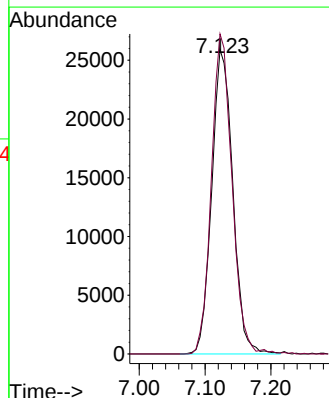
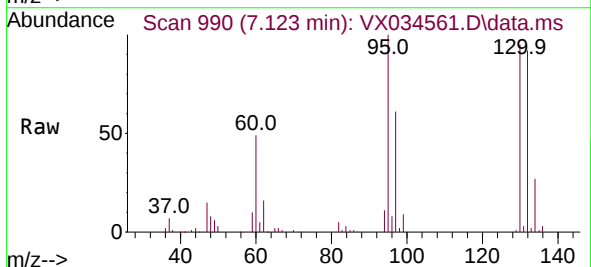
RT: 7.123 min Scan# 990

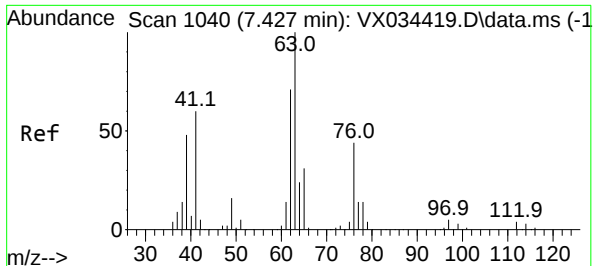
Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Tgt Ion:	130	Resp:	57802
Ion Ratio	Lower	Upper	
130	100		
95	105.2	0.0	198.4





#45

1,2-Dichloropropane

Concen: 19.815 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

Tgt Ion: 63 Resp: 61910

Ion Ratio Lower Upper

63 100

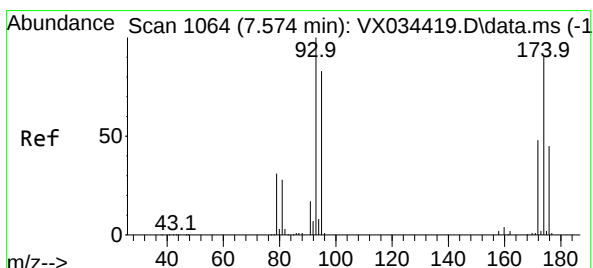
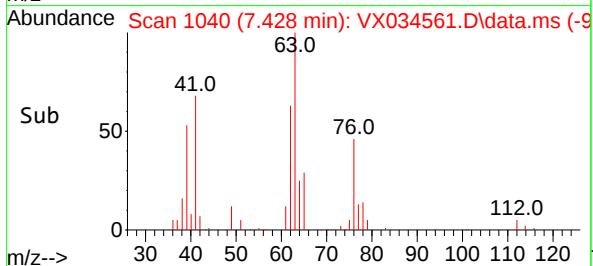
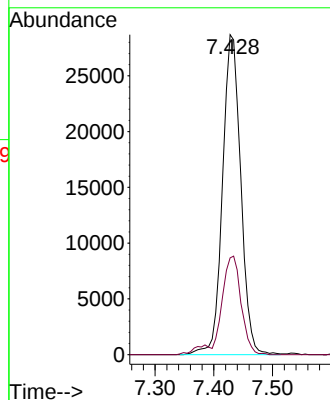
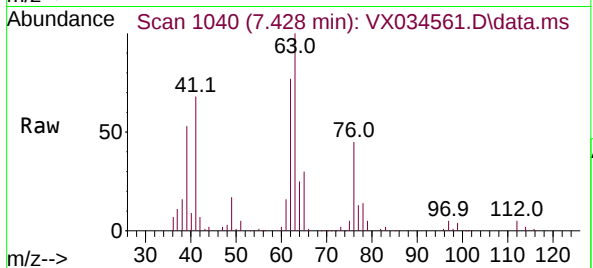
65 30.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#46

Dibromomethane

Concen: 20.267 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

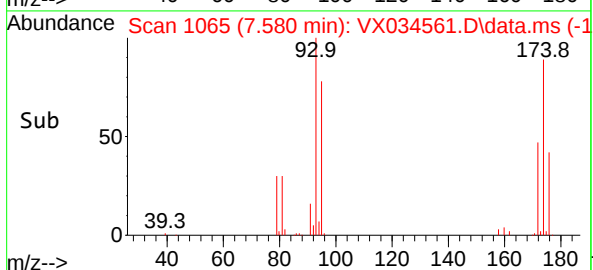
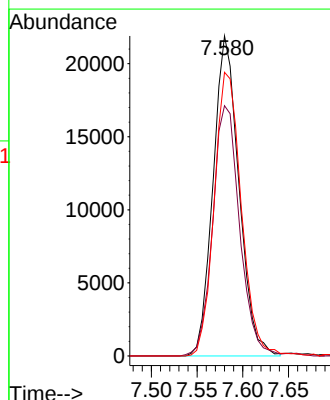
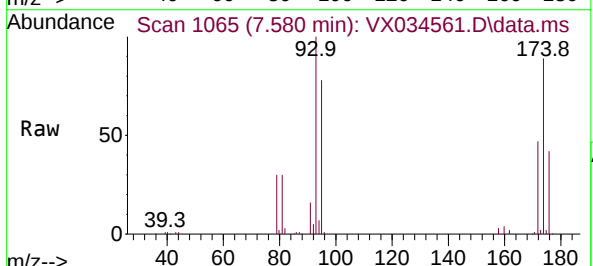
Tgt Ion: 93 Resp: 43054

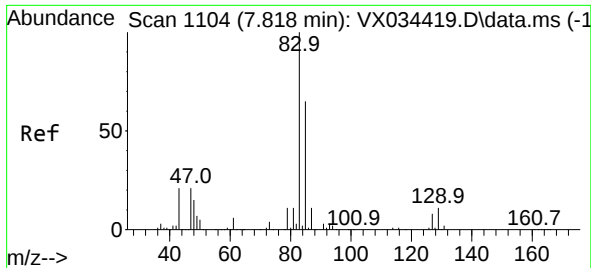
Ion Ratio Lower Upper

93 100

95 81.4 66.9 100.3

174 93.0 75.4 113.0





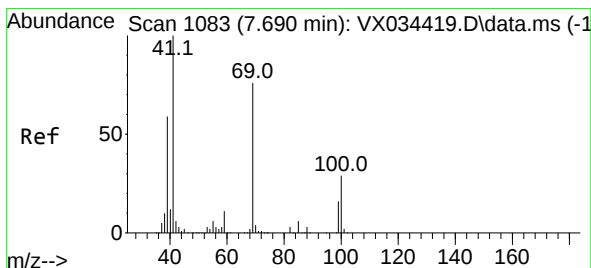
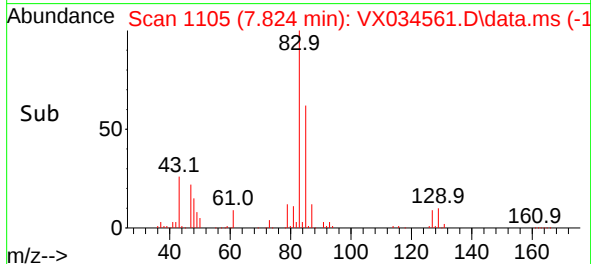
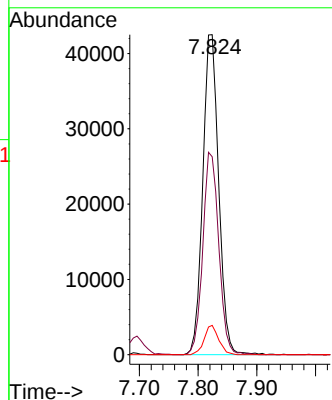
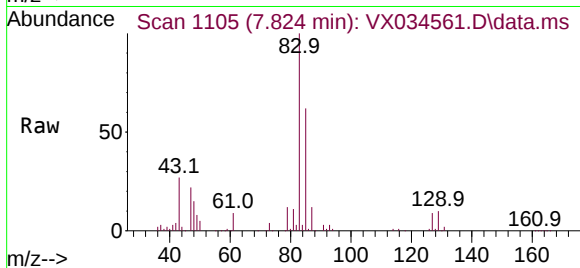
#47
Bromodichloromethane
Concen: 19.467 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion: 83 Resp: 8003
Ion Ratio Lower Upper
83 100
85 61.9 52.2 78.4
127 9.1 6.6 9.8

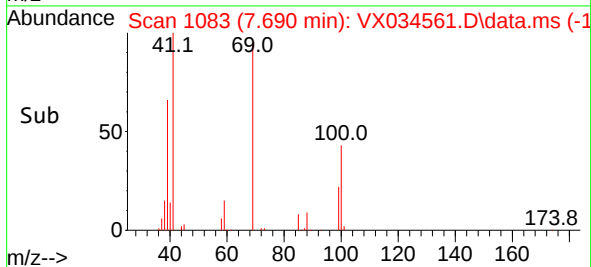
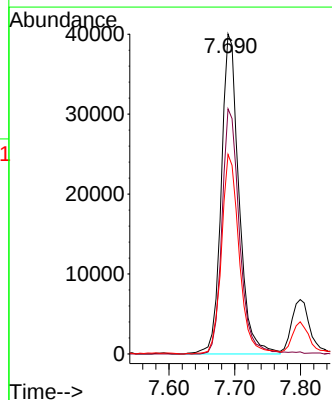
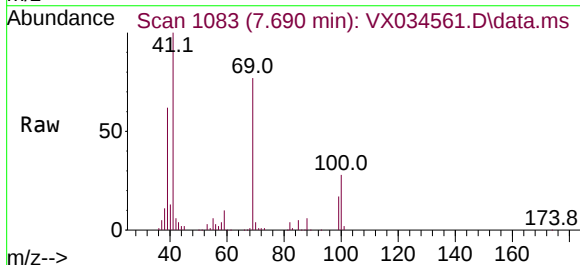
Manual Integrations
APPROVED

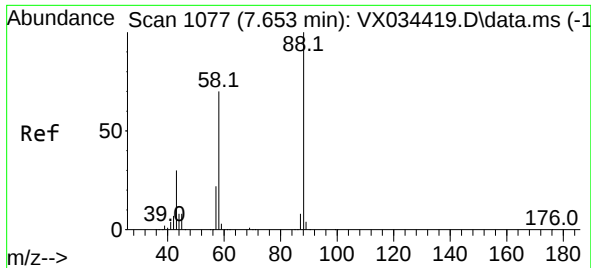
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#48
Methyl methacrylate
Concen: 20.618 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

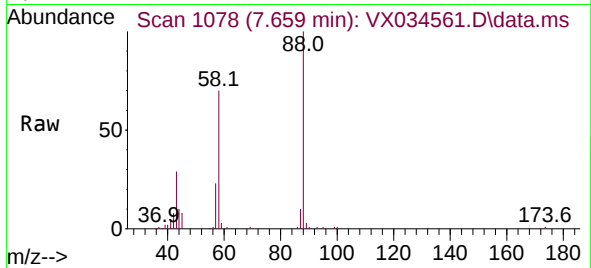
Tgt Ion: 41 Resp: 75074
Ion Ratio Lower Upper
41 100
69 75.3 62.2 93.4
39 62.4 47.7 71.5





#49
1,4-Dioxane
Concen: 453.814 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

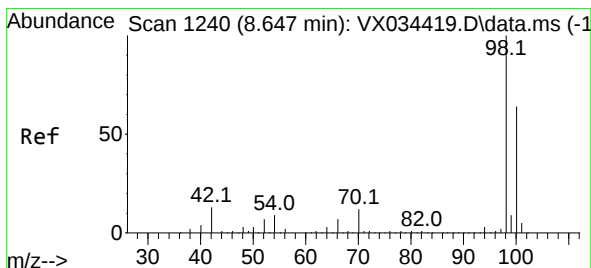
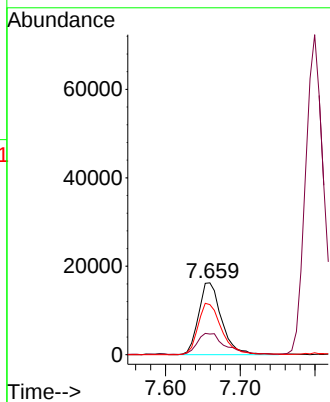
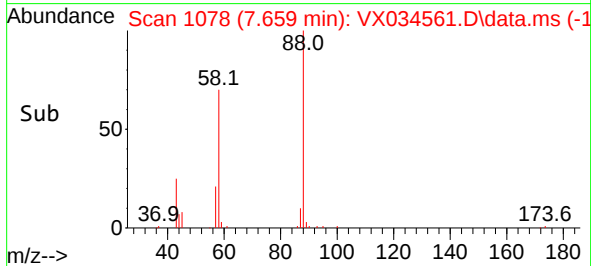
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion: 88 Resp: 3470
Ion Ratio Lower Upper
88 100
43 34.6 27.7 41.5
58 73.2 56.8 85.2

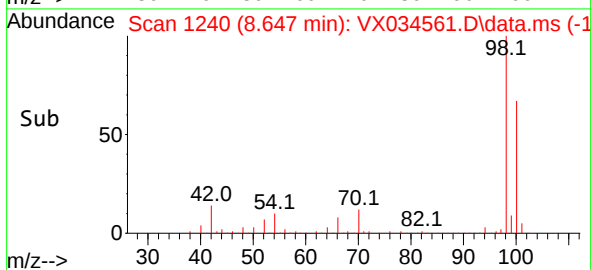
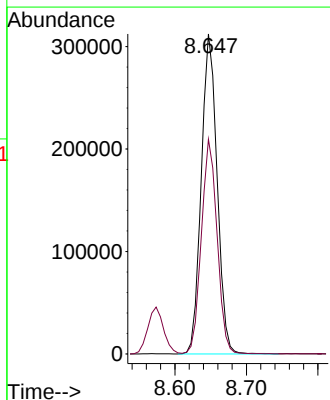
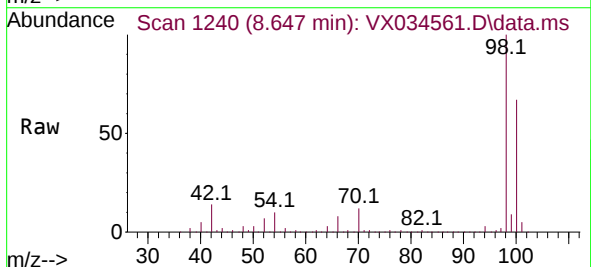
Manual Integrations
APPROVED

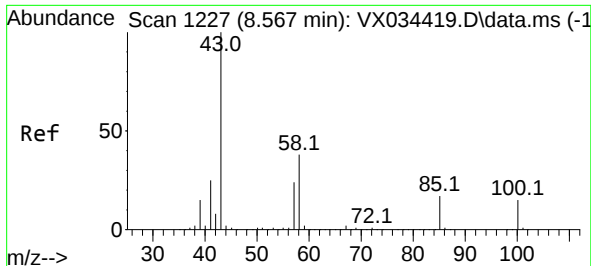
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#50
Toluene-d8
Concen: 48.329 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion: 98 Resp: 480511
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





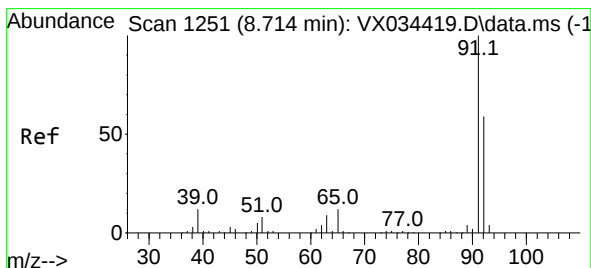
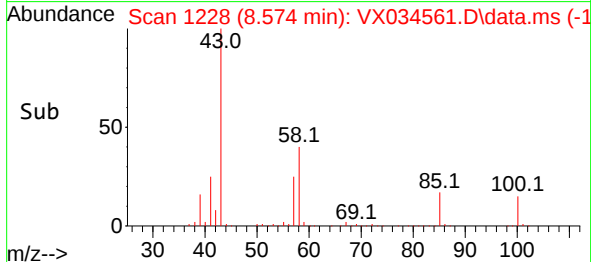
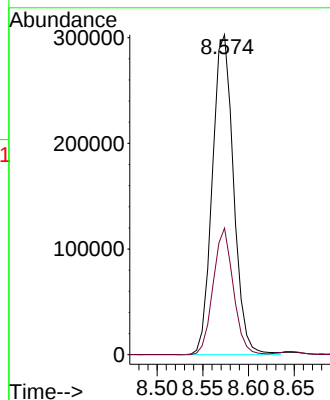
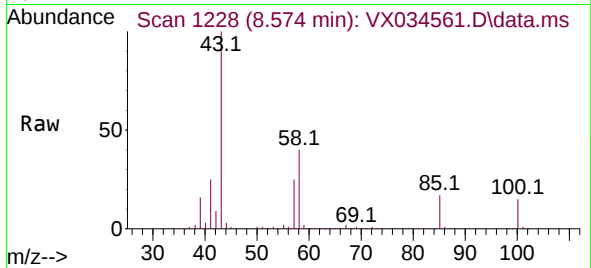
#51
4-Methyl-2-Pentanone
Concen: 111.048 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion: 43 Resp: 487710
Ion Ratio Lower Upper
43 100
58 37.6 30.6 46.0

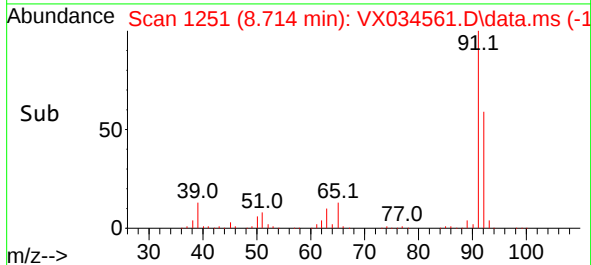
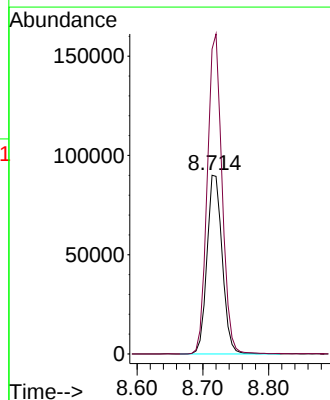
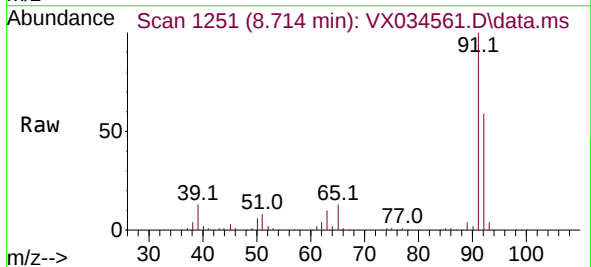
Manual Integrations
APPROVED

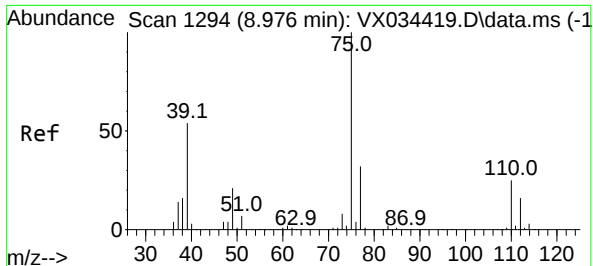
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#52
Toluene
Concen: 19.576 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion: 92 Resp: 145034
Ion Ratio Lower Upper
92 100
91 173.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 17.423 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

Tgt Ion: 75 Resp: 8070

Ion Ratio Lower Upper

75 100

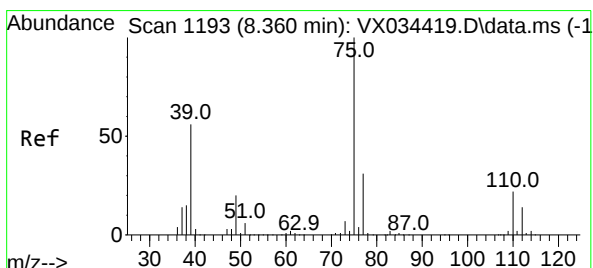
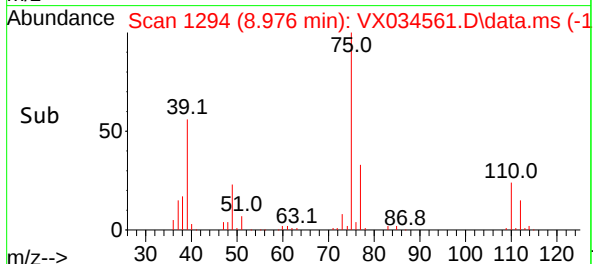
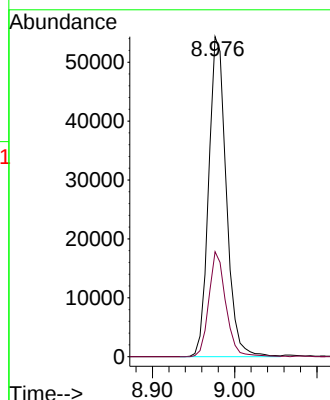
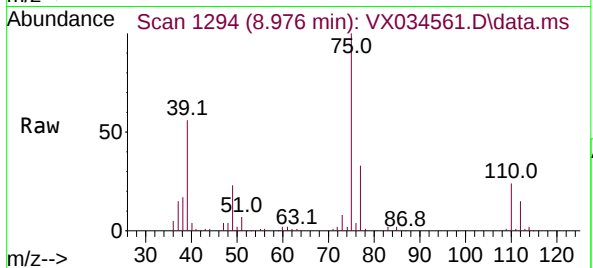
77 32.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#54

cis-1,3-Dichloropropene

Concen: 18.111 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

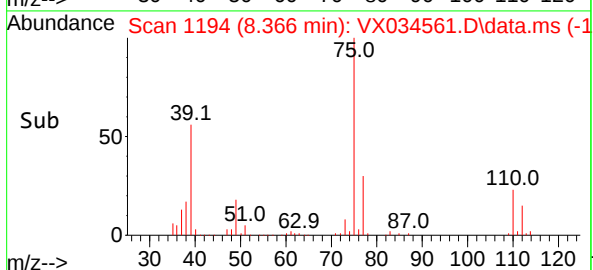
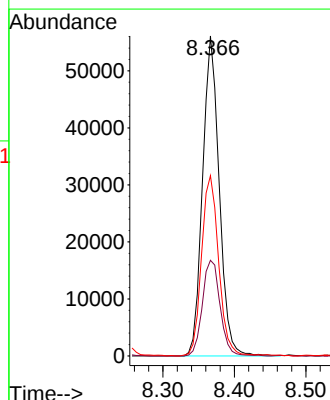
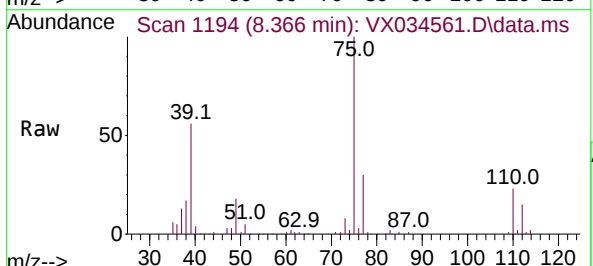
Tgt Ion: 75 Resp: 90759

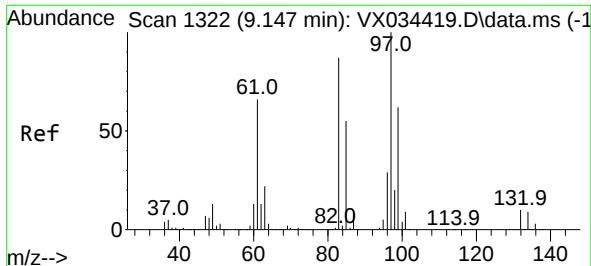
Ion Ratio Lower Upper

75 100

77 29.9 25.0 37.4

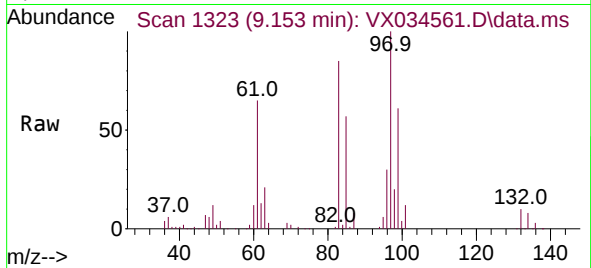
39 56.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.923 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

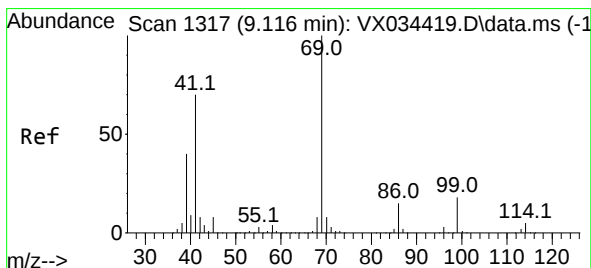
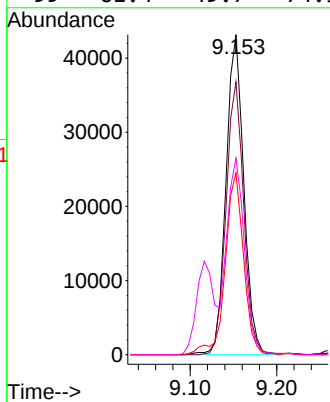
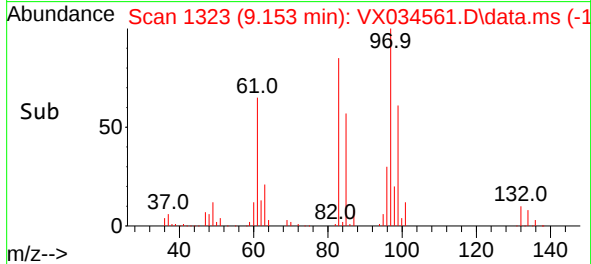
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



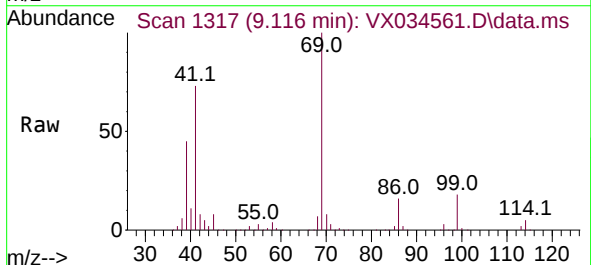
Tgt Ion: 97 Resp: 61519
Ion Ratio Lower Upper
97 100
83 85.2 69.7 104.5
85 56.8 43.7 65.5
99 61.4 49.7 74.5

Manual Integrations
APPROVED

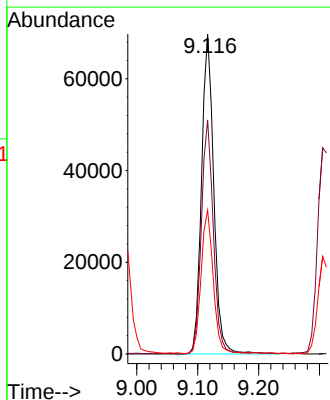
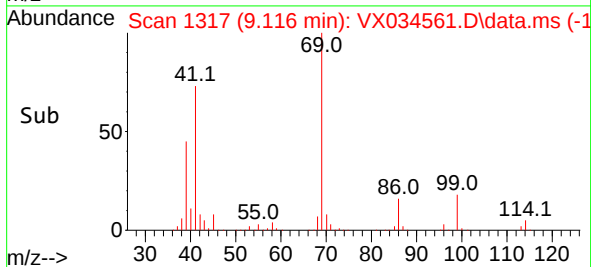
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

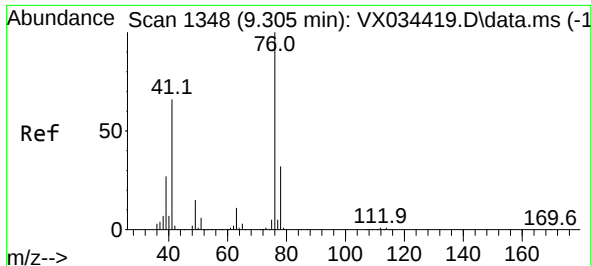


#56
Ethyl methacrylate
Concen: 20.180 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



Tgt Ion: 69 Resp: 97421
Ion Ratio Lower Upper
69 100
41 71.8 57.4 86.0
39 44.3 33.7 50.5





#57

1,3-Dichloropropane

Concen: 20.319 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

Tgt Ion: 76 Resp: 10618

Ion Ratio Lower Upper

76 100

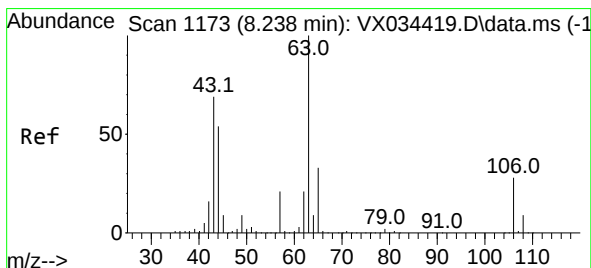
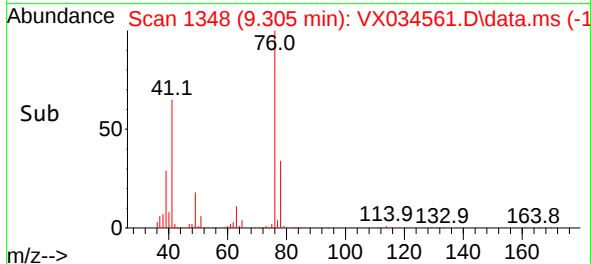
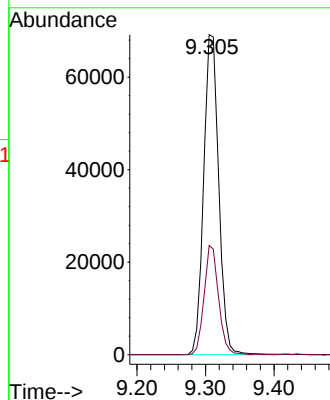
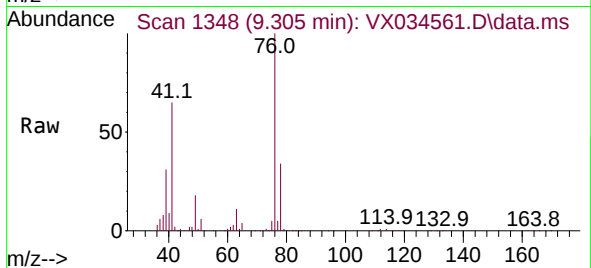
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.347 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034561.D

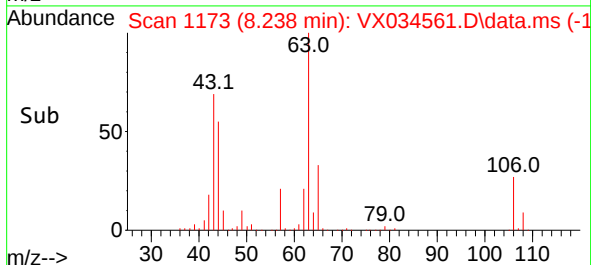
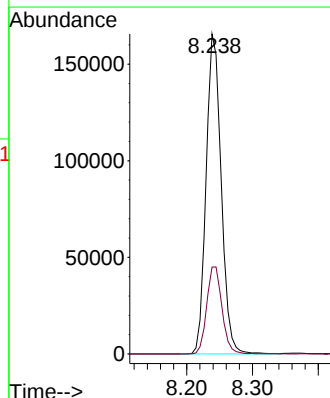
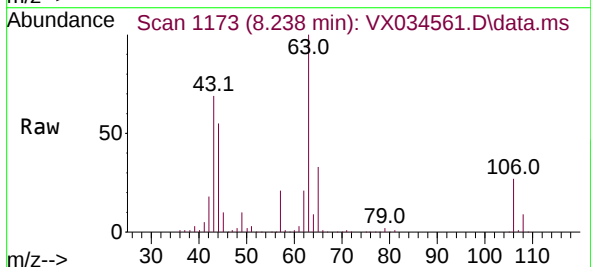
Acq: 17 Mar 2023 04:04

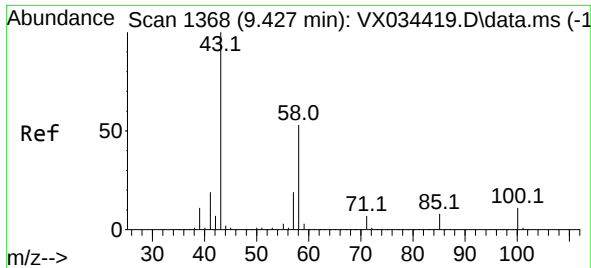
Tgt Ion: 63 Resp: 264589

Ion Ratio Lower Upper

63 100

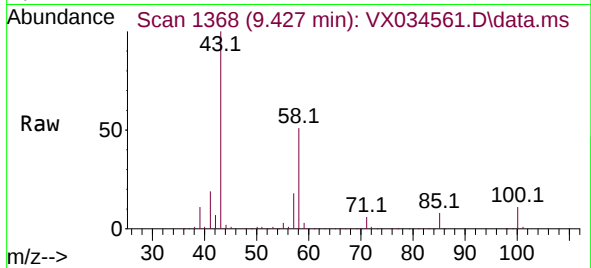
106 27.6 22.2 33.2





#59
2-Hexanone
Concen: 108.488 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

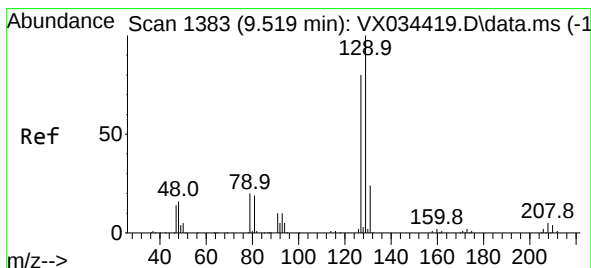
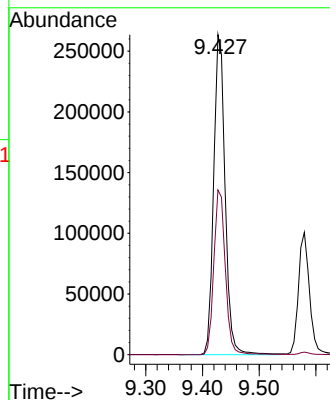
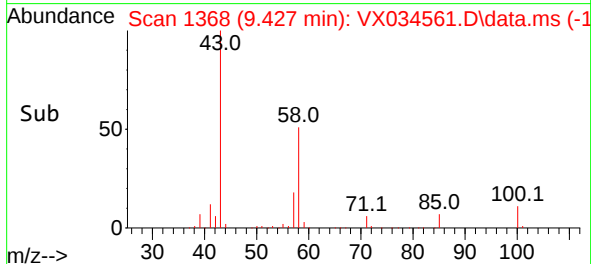
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion: 43 Resp: 36832
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9

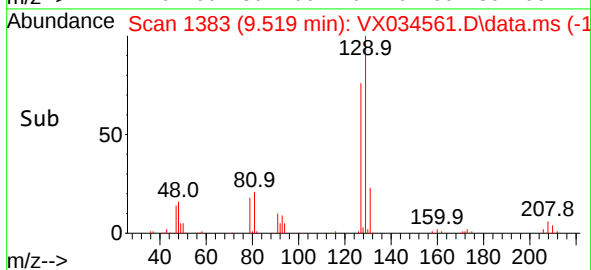
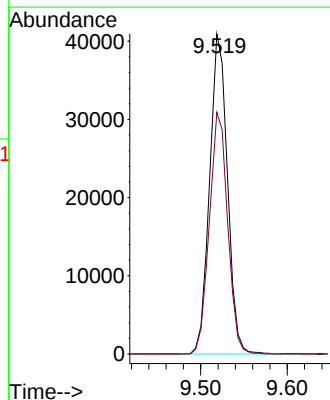
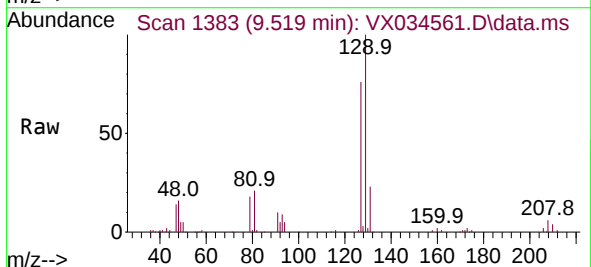
Manual Integrations
APPROVED

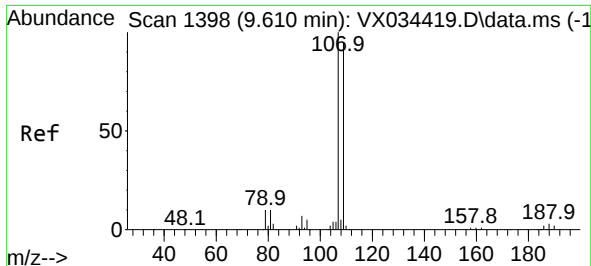
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#60
Dibromochloromethane
Concen: 18.932 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

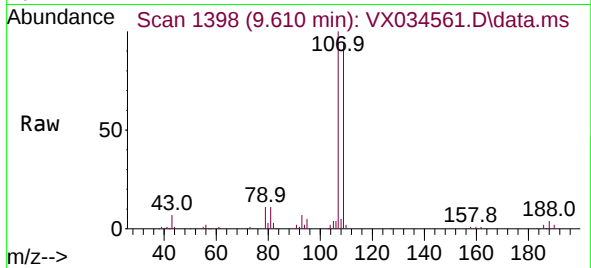
Tgt Ion:129 Resp: 58383
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.850 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

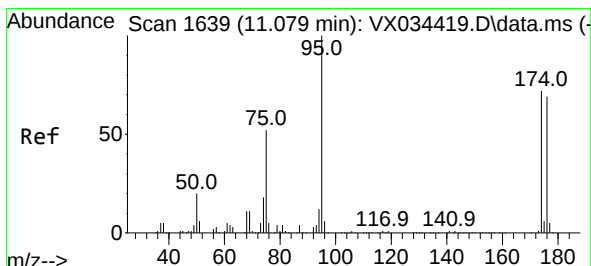
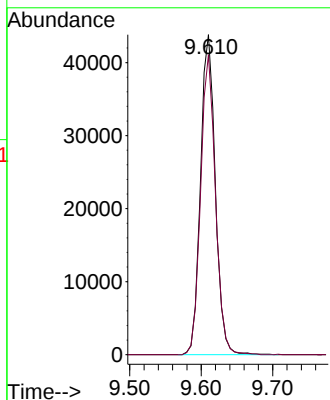
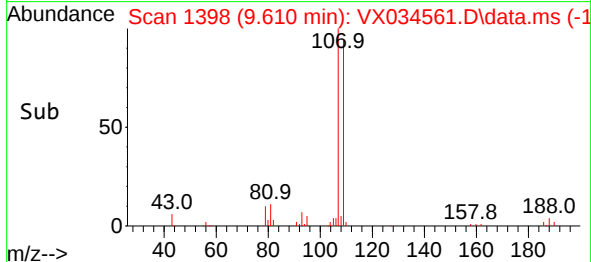
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion:107 Resp: 62982
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9

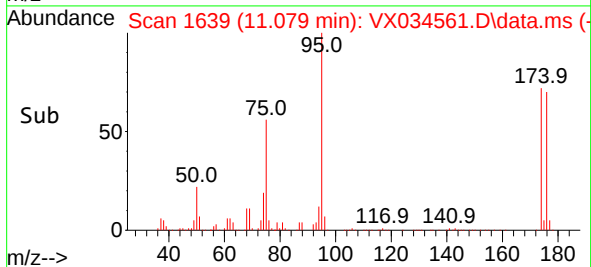
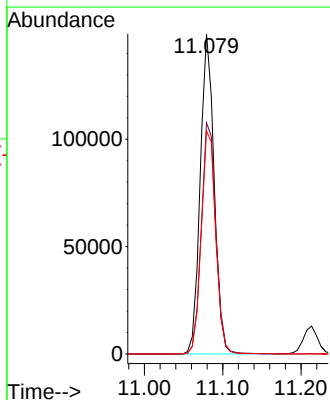
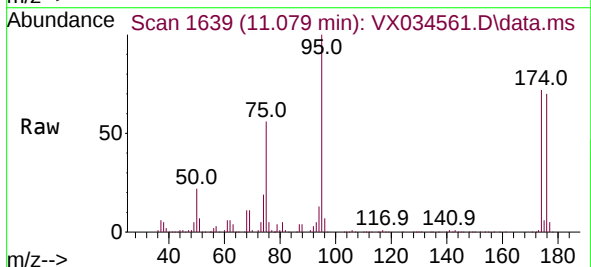
Manual Integrations
APPROVED

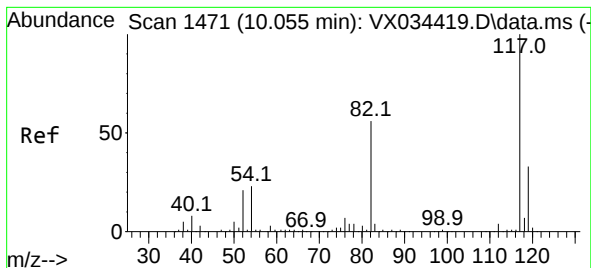
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#62
4-Bromofluorobenzene
Concen: 45.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

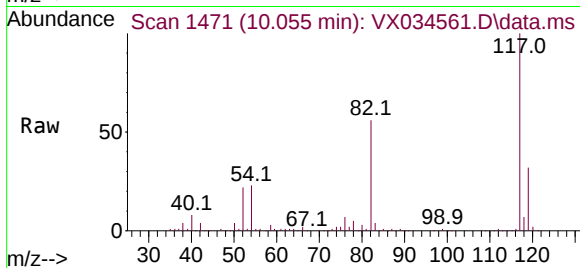
Tgt Ion: 95 Resp: 183547
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 72.3 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

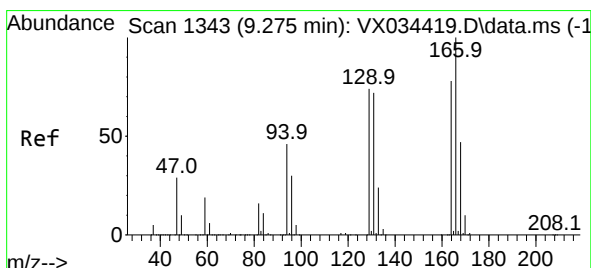
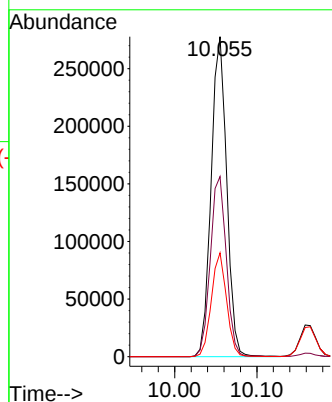
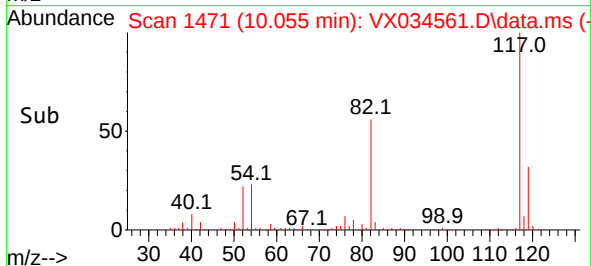
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion:117 Resp: 36514
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 32.4 26.0 39.0

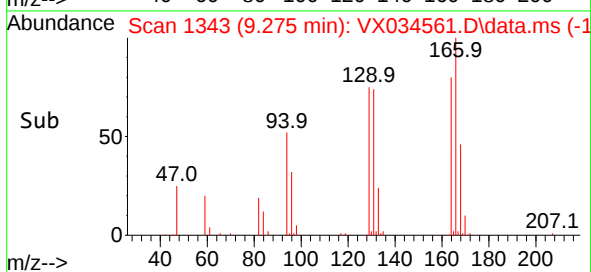
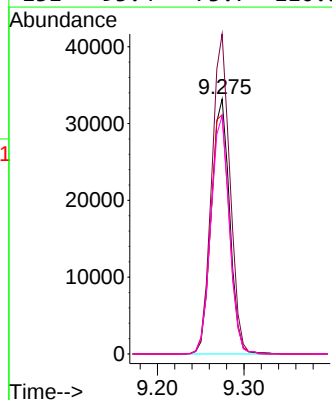
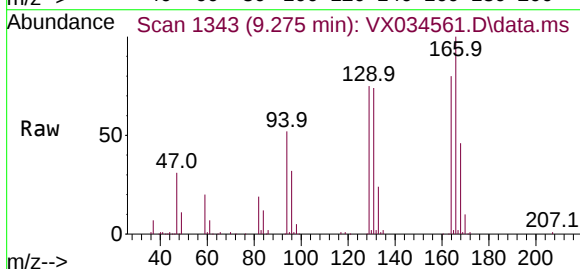
Manual Integrations
APPROVED

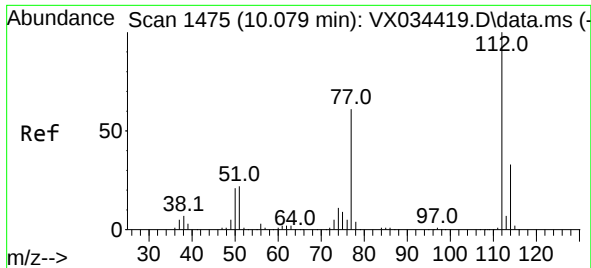
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#64
Tetrachloroethene
Concen: 19.830 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

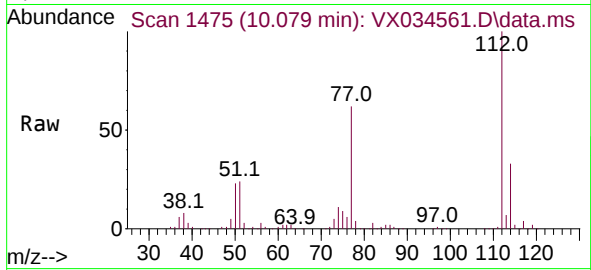
Tgt Ion:164 Resp: 48639
Ion Ratio Lower Upper
164 100
166 125.5 102.7 154.1
129 93.9 75.6 113.4
131 93.4 73.7 110.5





#65
Chlorobenzene
Concen: 19.227 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

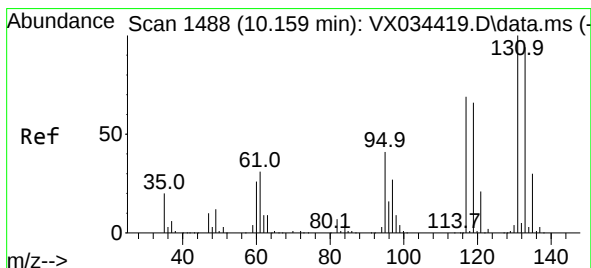
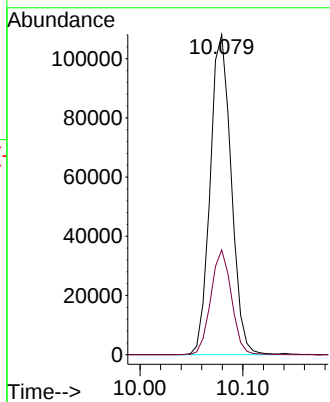
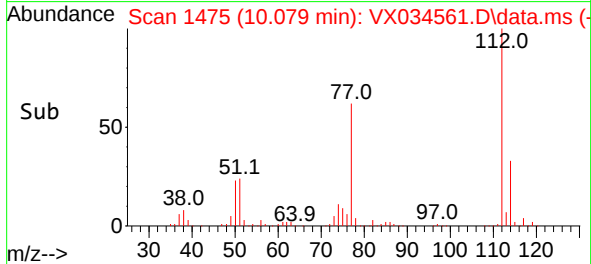
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



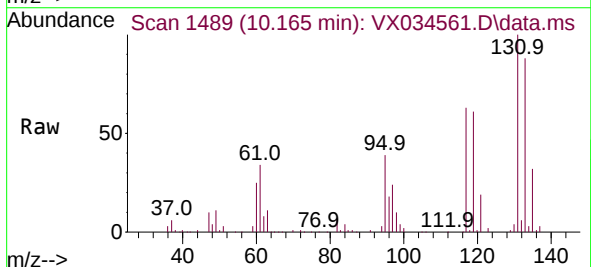
Tgt Ion:112 Resp: 15403
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

Manual Integrations
APPROVED

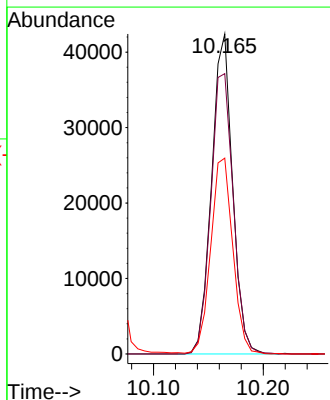
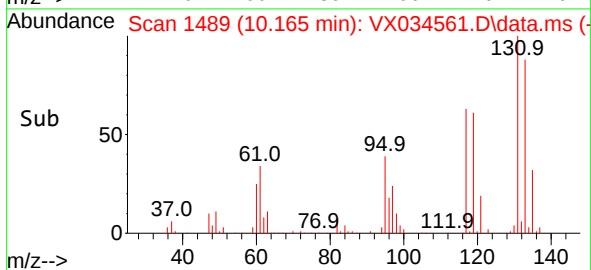
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

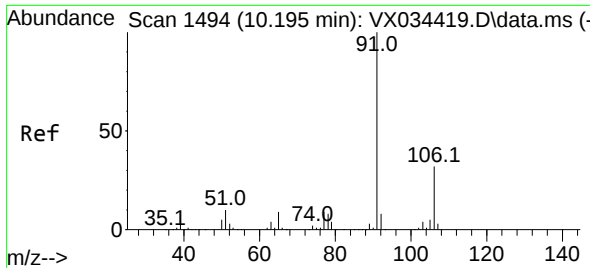


#66
1,1,1,2-Tetrachloroethane
Concen: 19.294 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



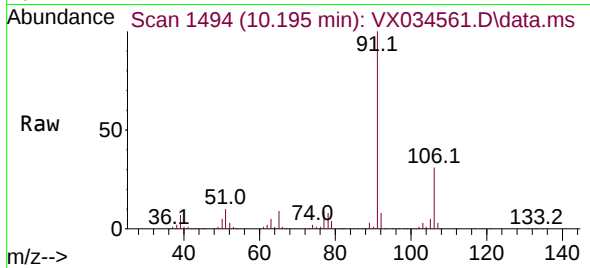
Tgt Ion:131 Resp: 56297
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.4
119 64.6 32.6 98.0





#67
Ethyl Benzene
Concen: 19.703 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

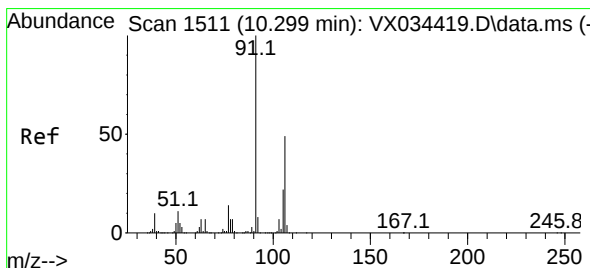
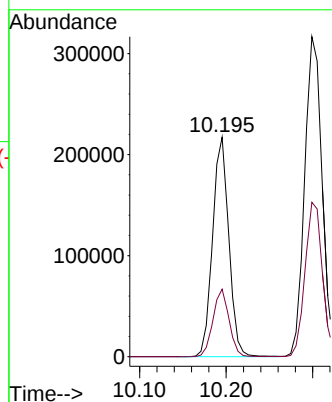
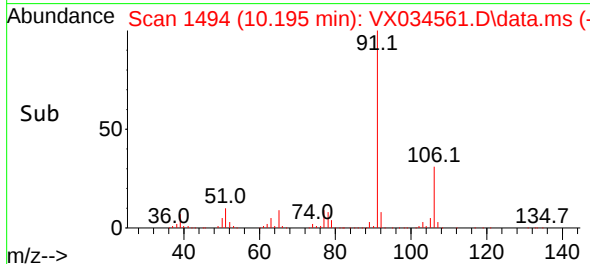
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



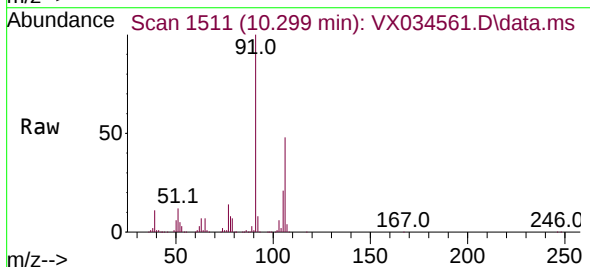
Tgt Ion: 91 Resp: 282583
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

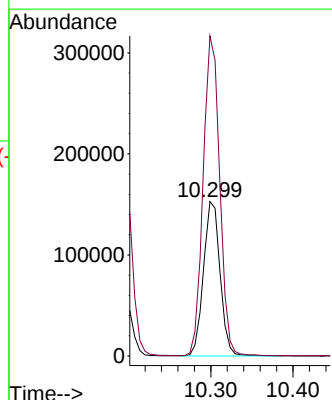
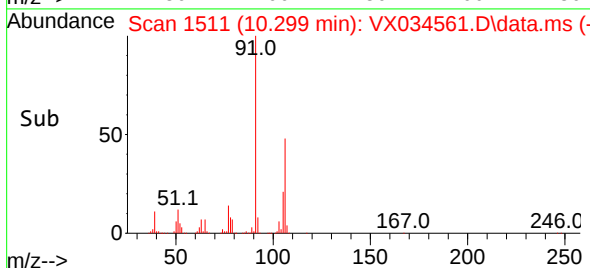
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

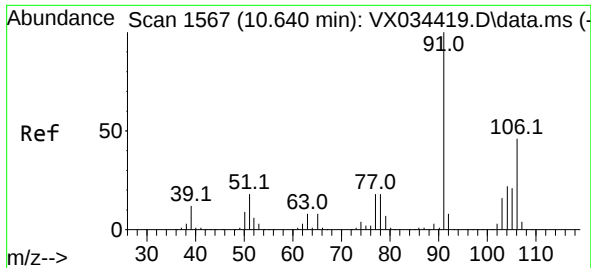


#68
m/p-Xylenes
Concen: 38.813 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



Tgt Ion:106 Resp: 213839
Ion Ratio Lower Upper
106 100
91 207.3 164.0 246.0





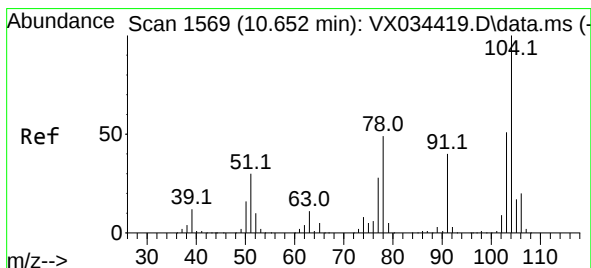
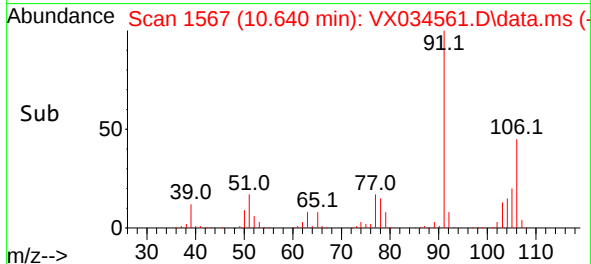
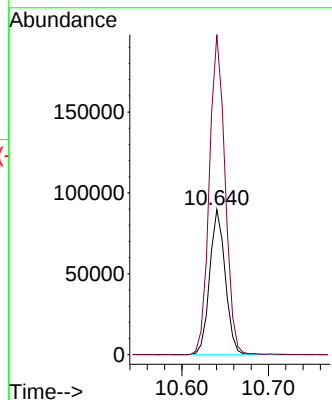
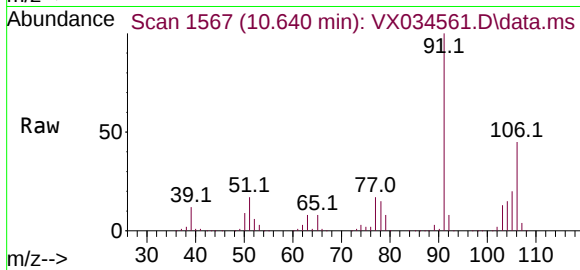
#69
o-Xylene
Concen: 20.296 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion:106 Resp: 112218
Ion Ratio Lower Upper
106 100
91 222.6 108.5 325.3

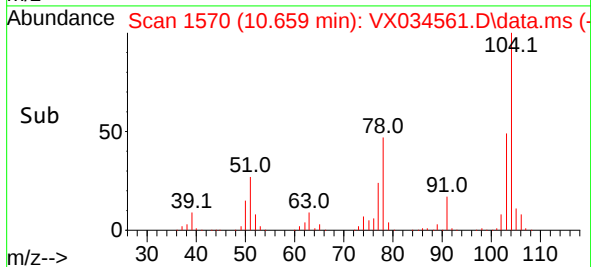
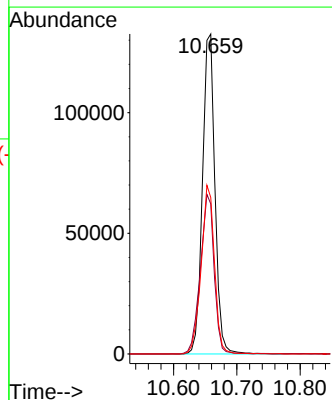
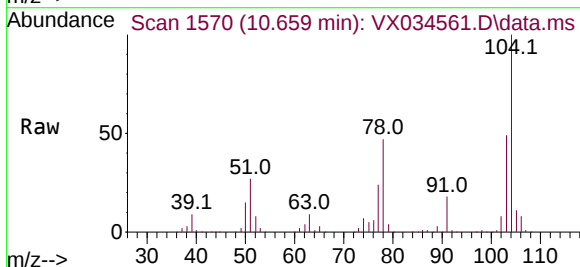
Manual Integrations
APPROVED

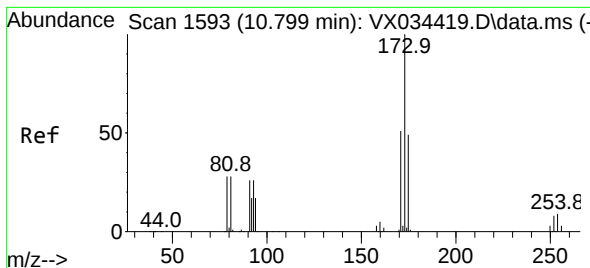
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#70
Styrene
Concen: 20.435 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

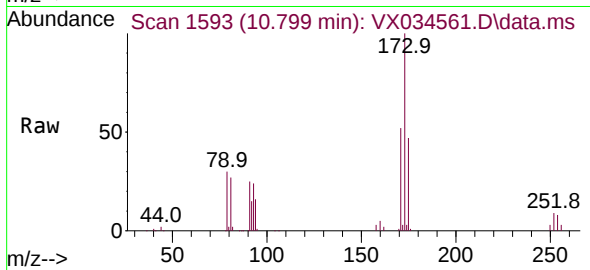
Tgt Ion:104 Resp: 182295
Ion Ratio Lower Upper
104 100
78 55.1 43.4 65.2
103 56.2 44.2 66.2





#71
Bromoform
Concen: 17.502 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

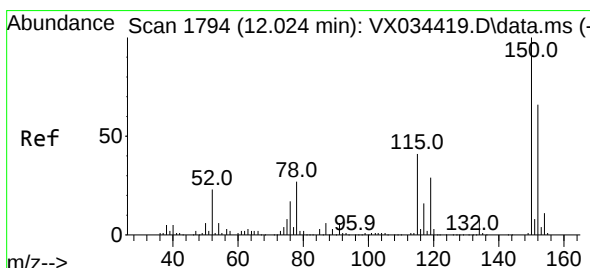
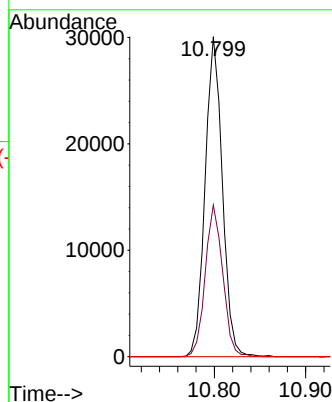
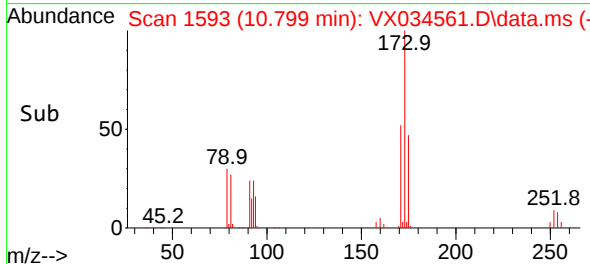
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion:173 Resp: 3931
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.1 0.1

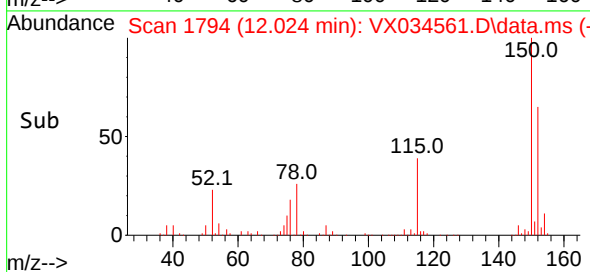
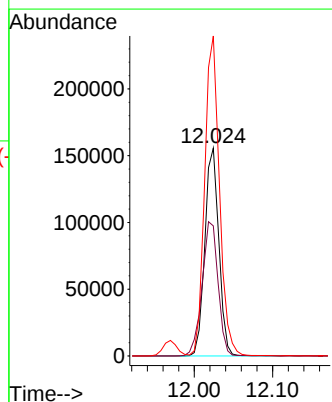
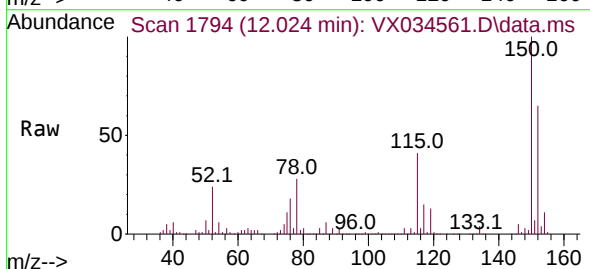
Manual Integrations
APPROVED

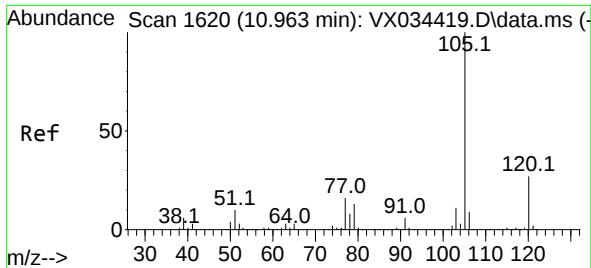
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

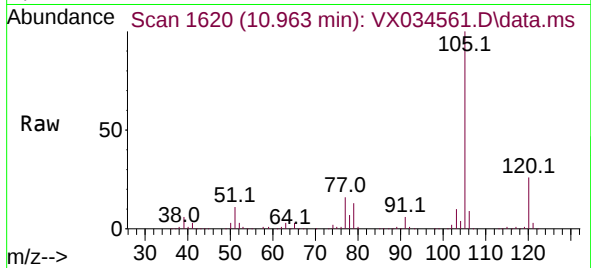
Tgt Ion:152 Resp: 192837
Ion Ratio Lower Upper
152 100
115 73.8 45.0 135.0
150 162.1 0.0 352.4





#73
Isopropylbenzene
Concen: 18.909 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

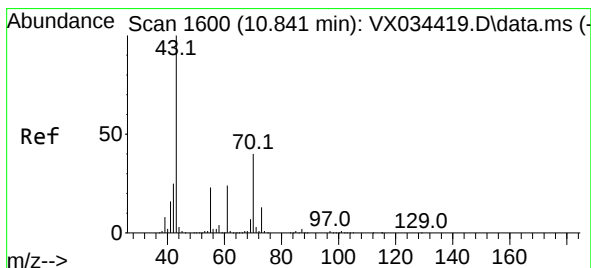
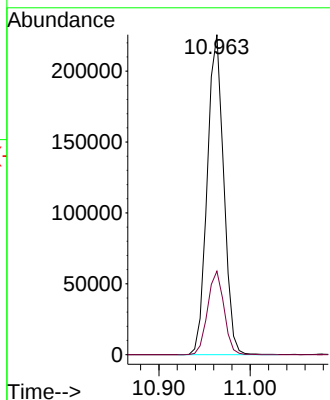
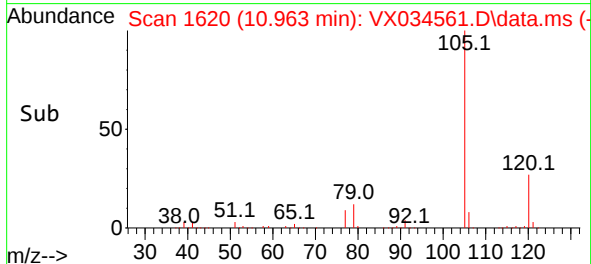
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



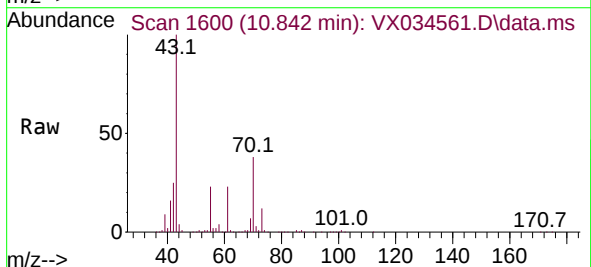
Tgt Ion:105 Resp: 281810
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9

Manual Integrations
APPROVED

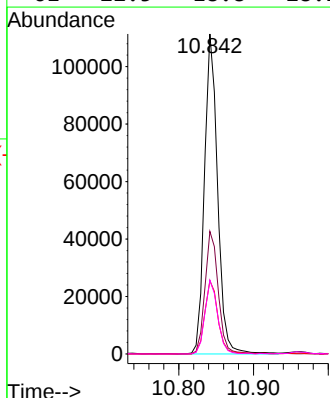
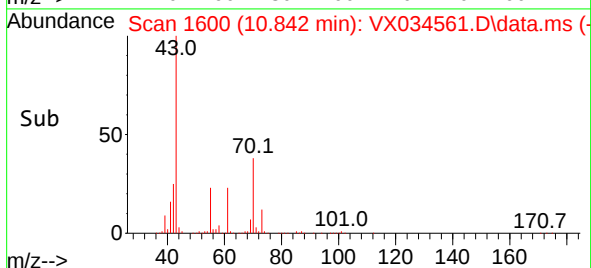
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

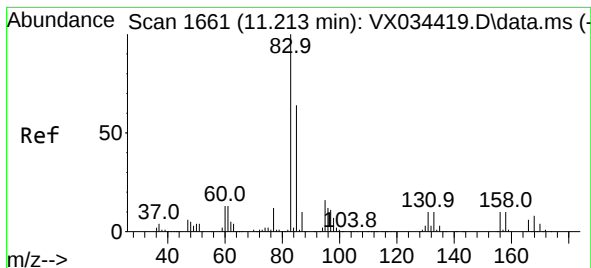


#74
N-ethyl acetate
Concen: 19.004 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



Tgt Ion: 43 Resp: 135660
Ion Ratio Lower Upper
43 100
70 39.1 32.1 48.1
55 23.1 18.3 27.5
61 22.5 18.8 28.2





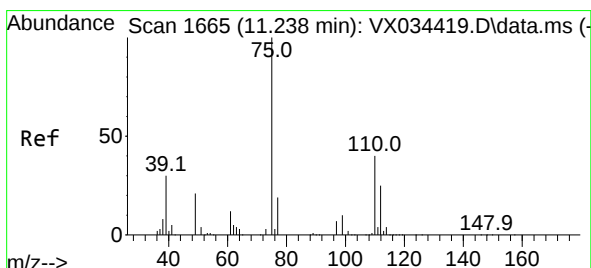
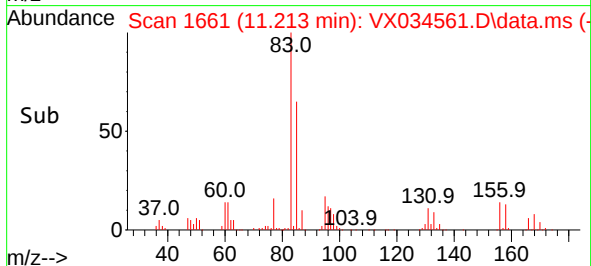
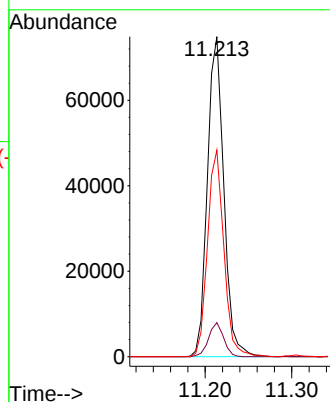
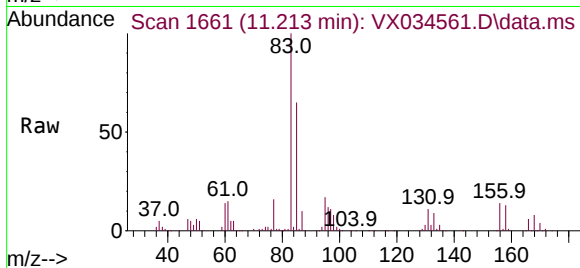
#75
1,1,2,2-Tetrachloroethane
Concen: 19.808 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion: 83 Resp: 9851
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.3 32.0 96.0

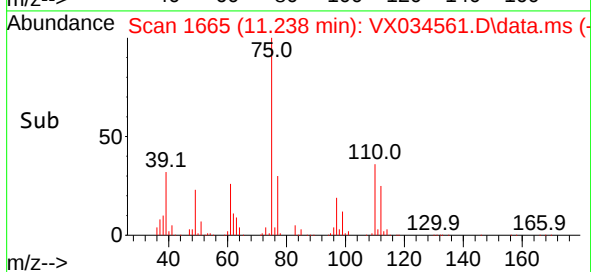
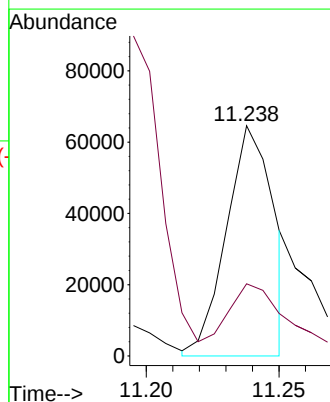
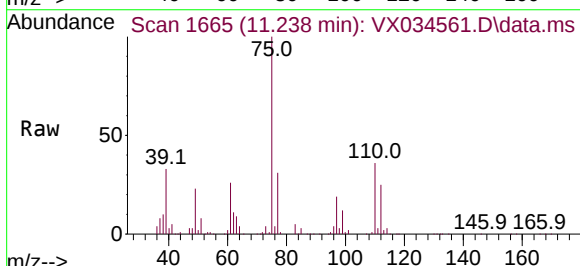
Manual Integrations
APPROVED

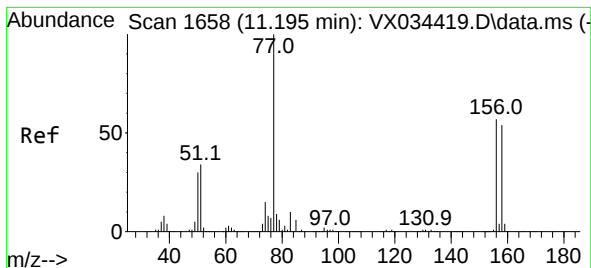
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#76
1,2,3-Trichloropropane
Concen: 18.045 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion: 75 Resp: 79897
Ion Ratio Lower Upper
75 100
77 41.6 21.6 64.8





#77

Bromobenzene

Concen: 18.504 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

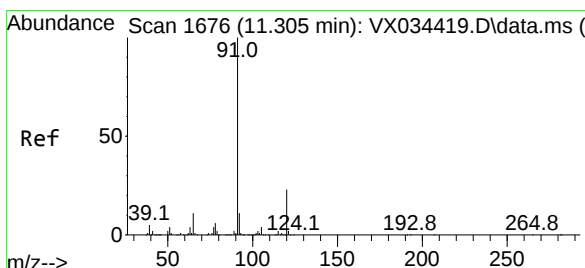
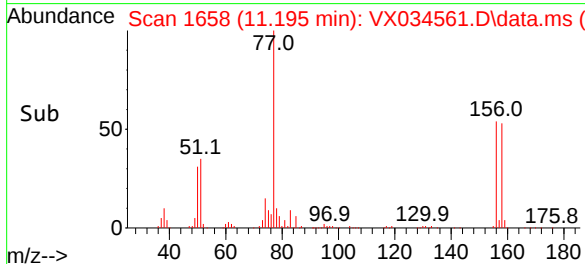
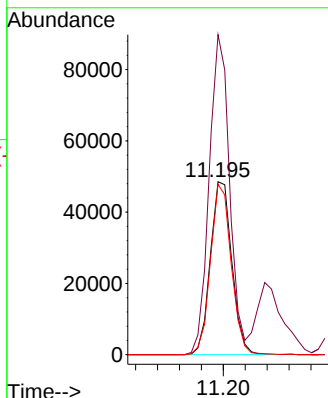
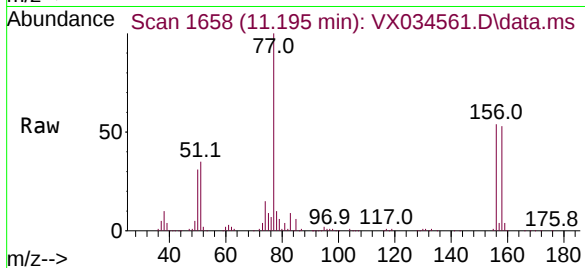
Tgt Ion:	156	Resp:	6616
Ion Ratio	Lower	Upper	
156	100		
77	174.9	86.7	259.9
158	94.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#78

n-propylbenzene

Concen: 18.946 ug/l

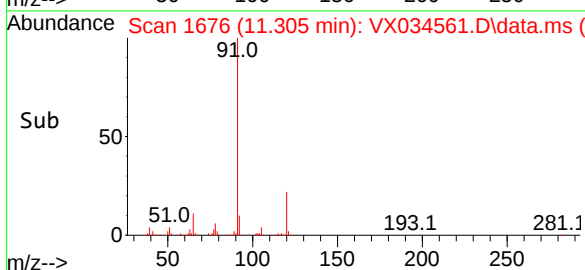
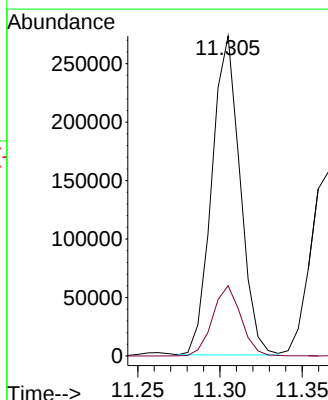
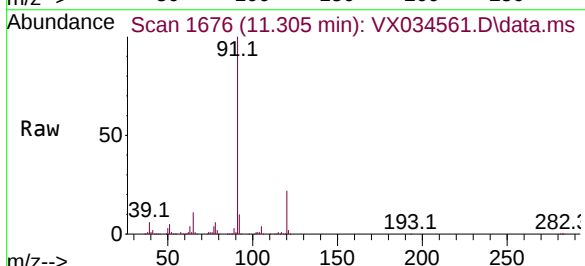
RT: 11.305 min Scan# 1676

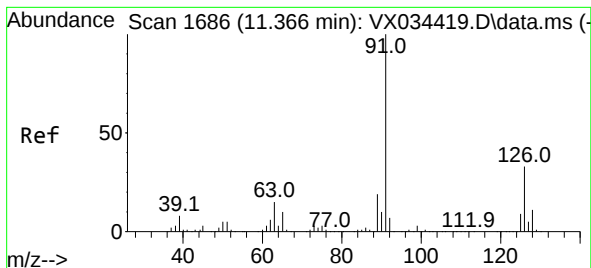
Delta R.T. 0.000 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Tgt Ion:	91	Resp:	326113
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.5





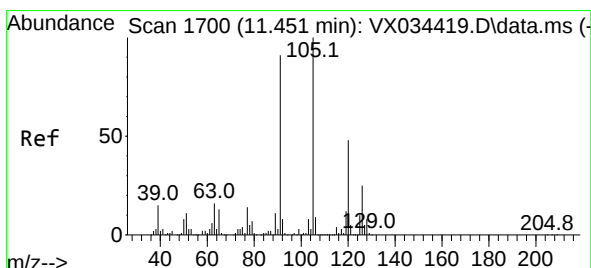
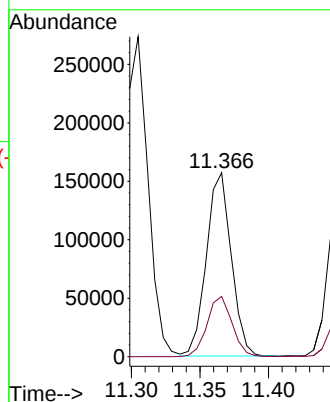
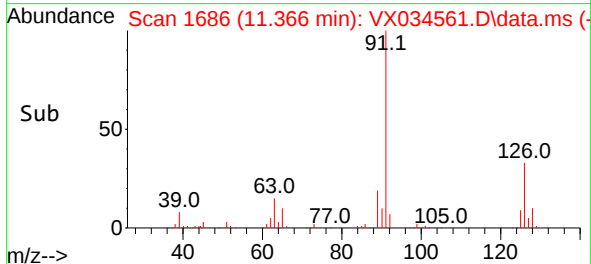
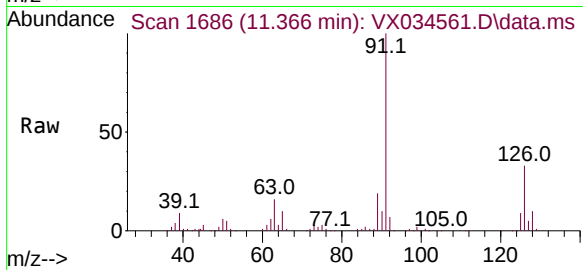
#79
2-Chlorotoluene
Concen: 18.643 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion: 91 Resp: 19818
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.9

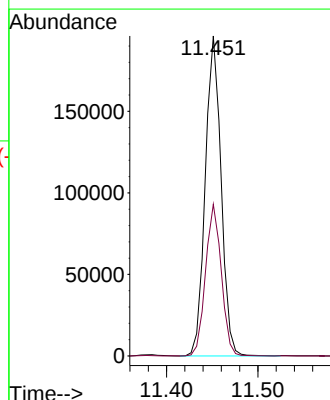
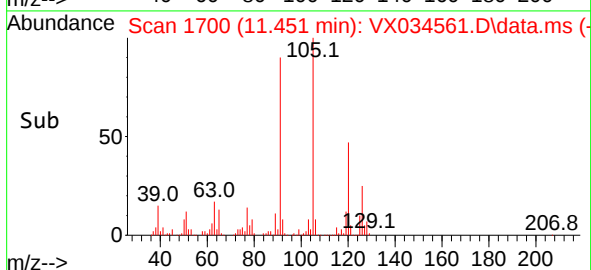
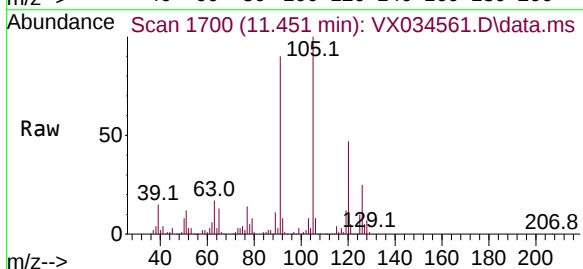
Manual Integrations
APPROVED

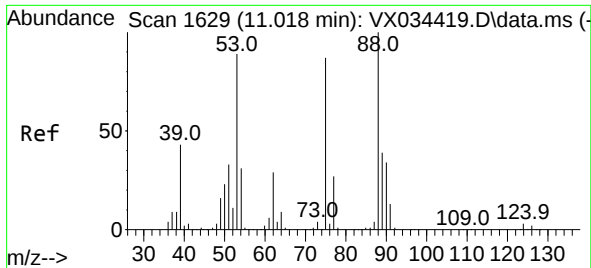
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.801 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion:105 Resp: 235036
Ion Ratio Lower Upper
105 100
120 47.2 23.7 71.1





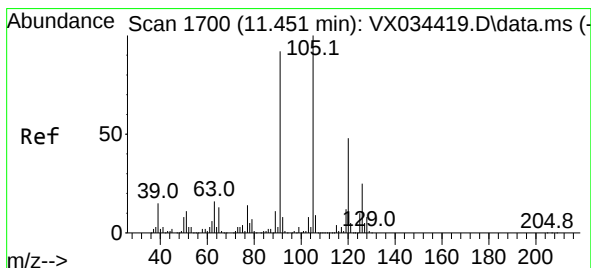
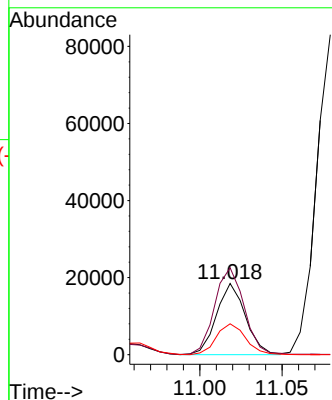
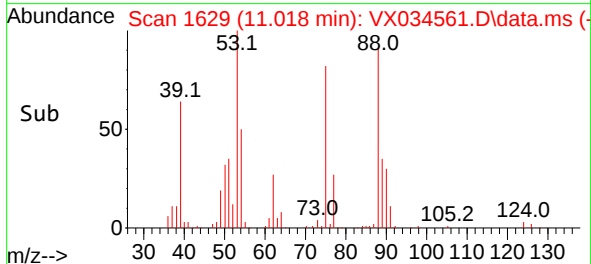
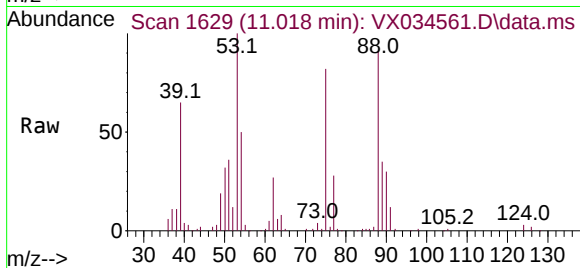
#81
trans-1,4-Dichloro-2-butene
Concen: 13.863 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion: 75 Resp: 22689
Ion Ratio Lower Upper
75 100
53 123.3 82.6 124.0
89 43.7 36.9 55.3

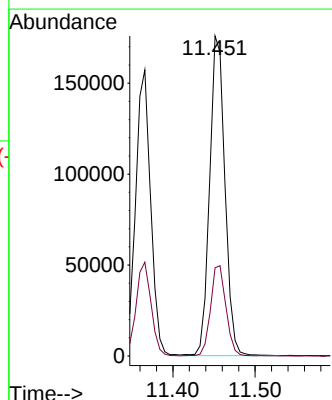
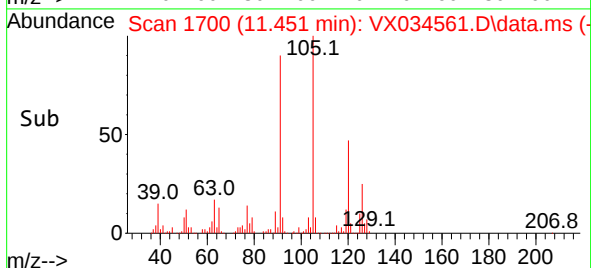
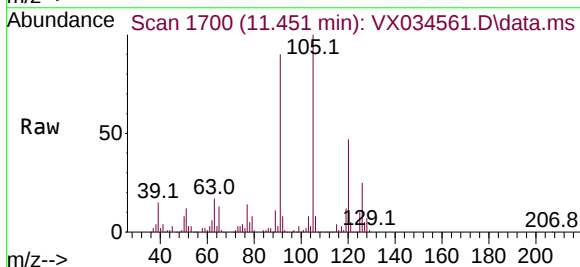
Manual Integrations
APPROVED

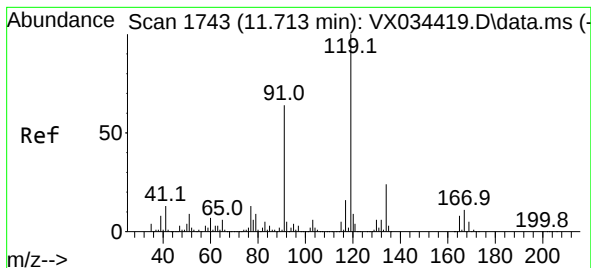
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#82
4-Chlorotoluene
Concen: 18.562 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

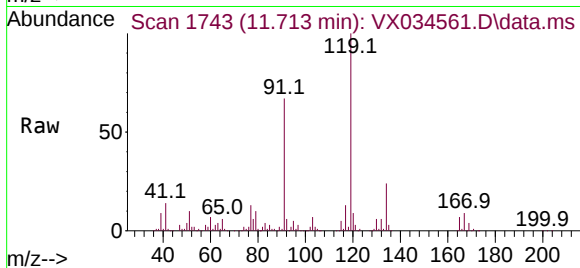
Tgt Ion: 91 Resp: 227280
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.229 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

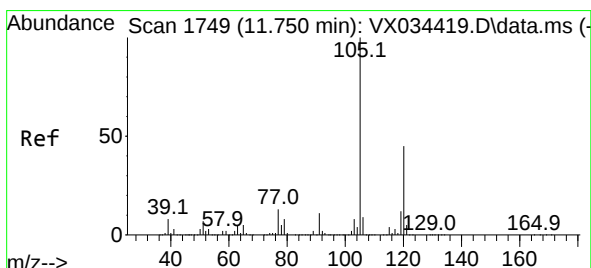
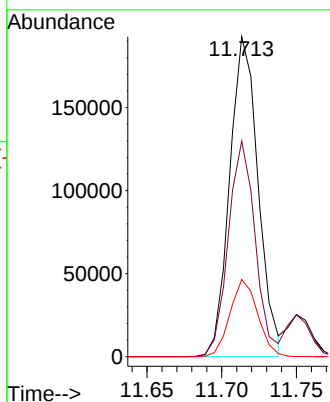
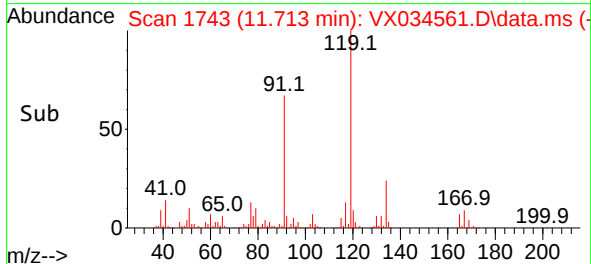
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



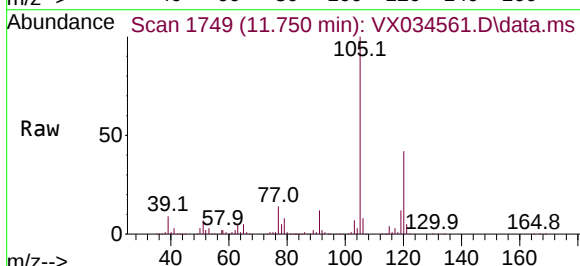
Tgt Ion:119 Resp: 25497
Ion Ratio Lower Upper
119 100
91 64.0 30.6 92.0
134 23.5 11.8 35.4

Manual Integrations
APPROVED

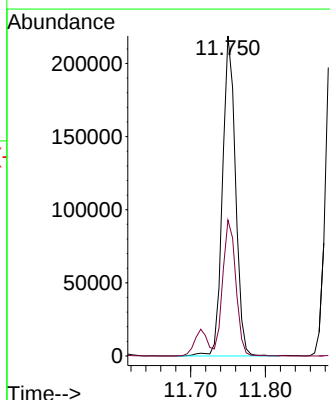
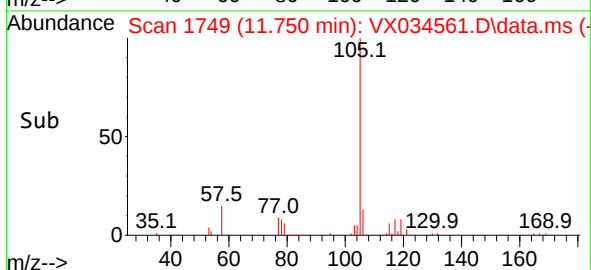
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

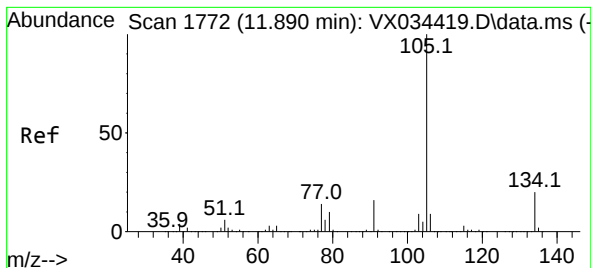


#84
1,2,4-Trimethylbenzene
Concen: 20.774 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



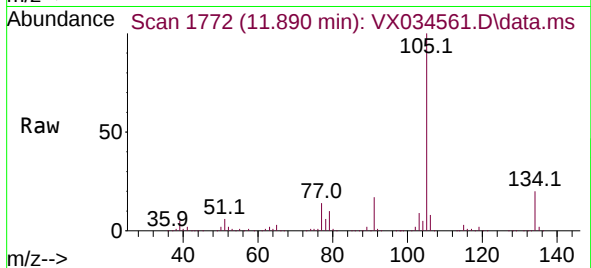
Tgt Ion:105 Resp: 265410
Ion Ratio Lower Upper
105 100
120 42.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 20.572 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034561.D
 Acq: 17 Mar 2023 04:04

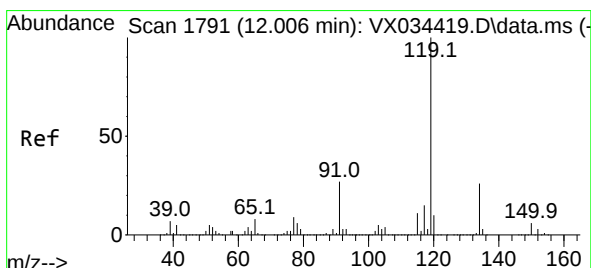
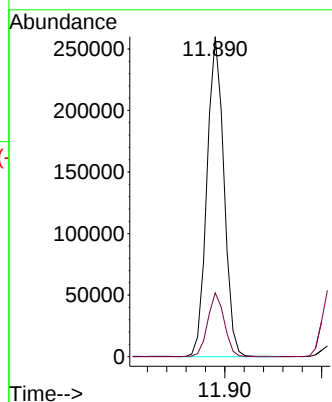
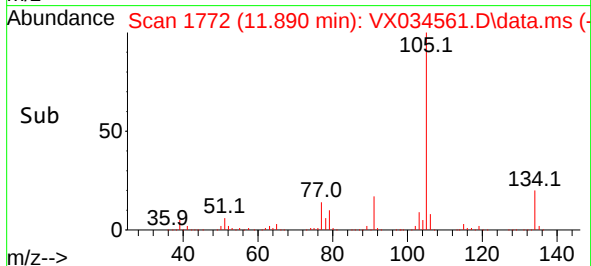
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS02



Tgt Ion:105 Resp: 31700
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

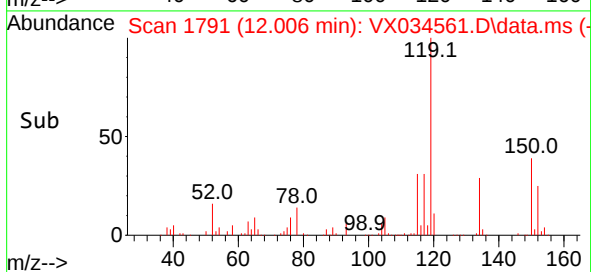
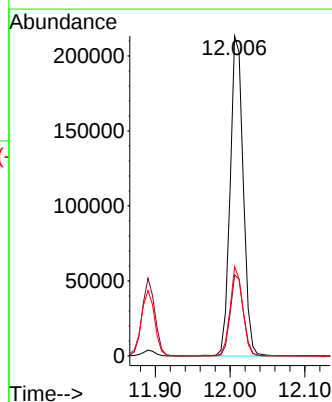
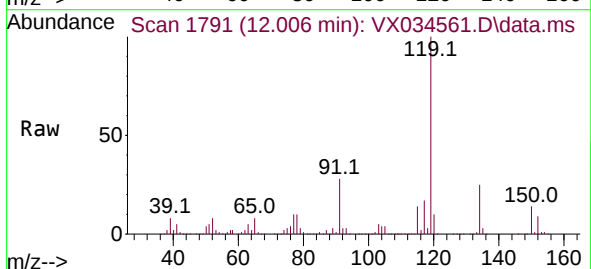
Manual Integrations
 APPROVED

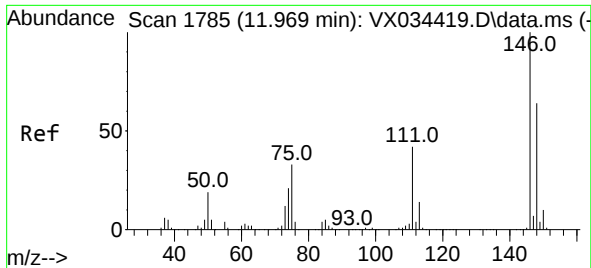
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#86
 p-Isopropyltoluene
 Concen: 20.075 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034561.D
 Acq: 17 Mar 2023 04:04

Tgt Ion:119 Resp: 259979
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 26.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.509 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS02

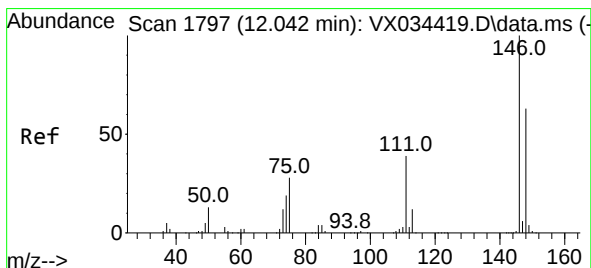
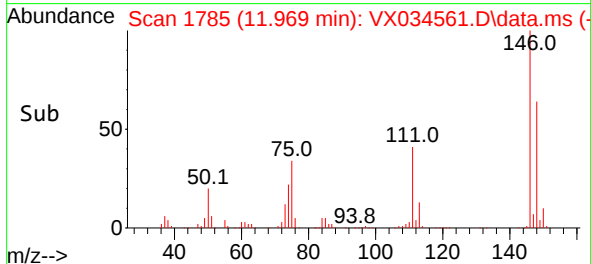
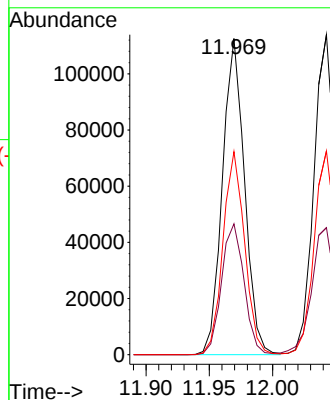
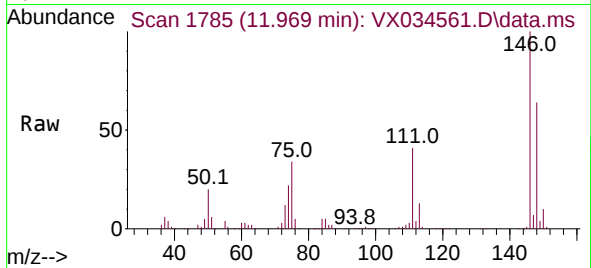
Tgt Ion:146 Resp: 136682
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.9 62.8
 148 62.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#88

1,4-Dichlorobenzene

Concen: 19.578 ug/l

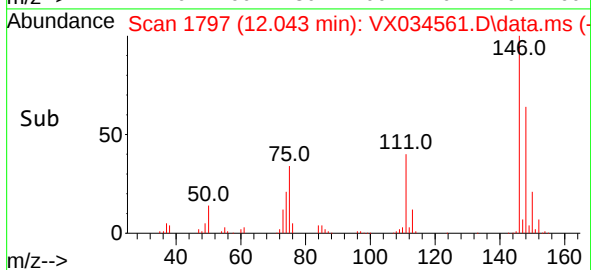
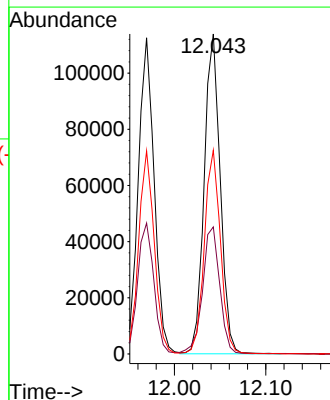
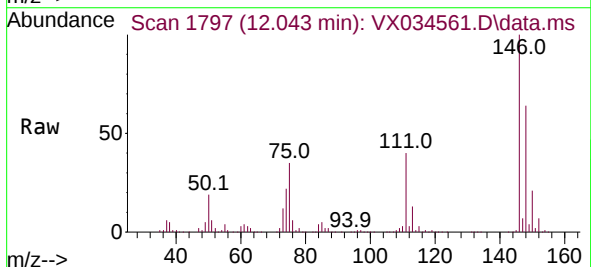
RT: 12.043 min Scan# 1797

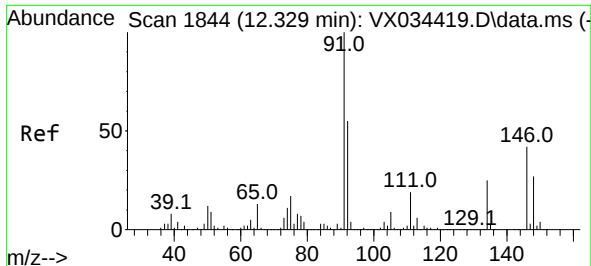
Delta R.T. 0.000 min

Lab File: VX034561.D

Acq: 17 Mar 2023 04:04

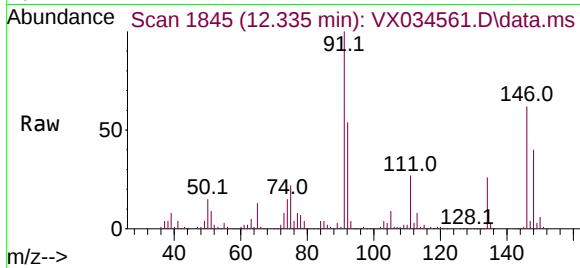
Tgt Ion:146 Resp: 138694
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.6 61.9
 148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 18.846 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

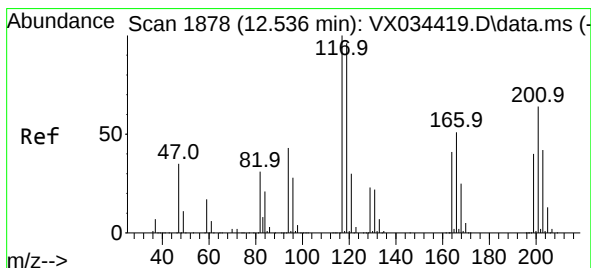
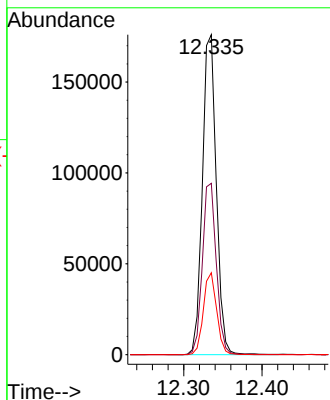
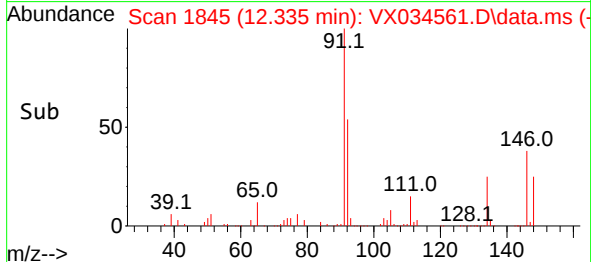
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion: 91 Resp: 216972
Ion Ratio Lower Upper
91 100
92 53.9 27.7 83.0
134 24.5 13.0 38.9

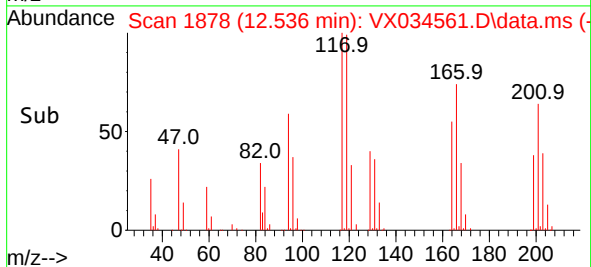
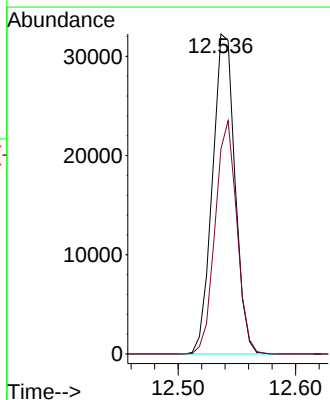
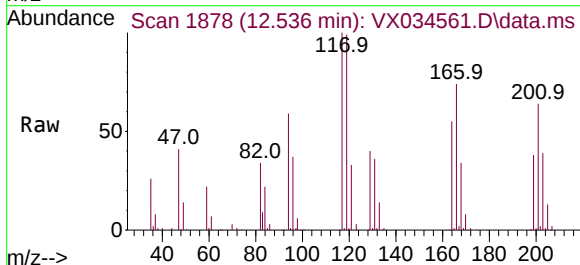
Manual Integrations
APPROVED

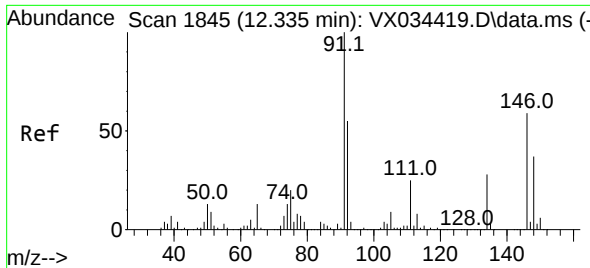
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#90
Hexachloroethane
Concen: 17.976 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

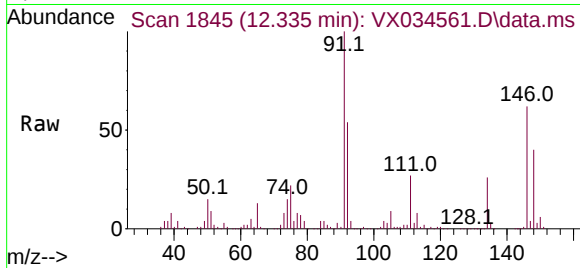
Tgt Ion:117 Resp: 43077
Ion Ratio Lower Upper
117 100
201 70.1 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 19.695 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

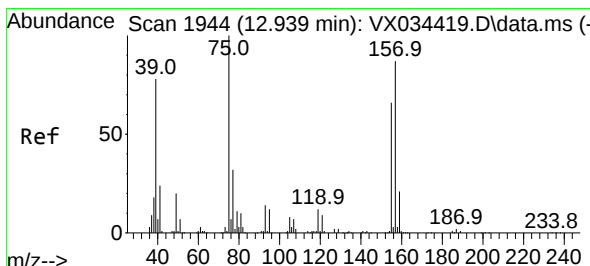
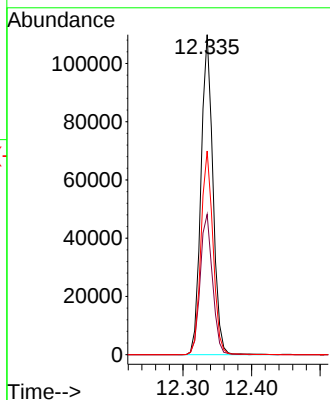
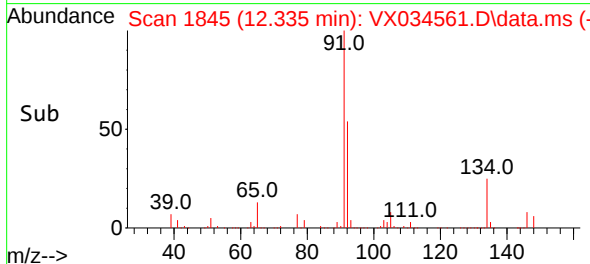
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



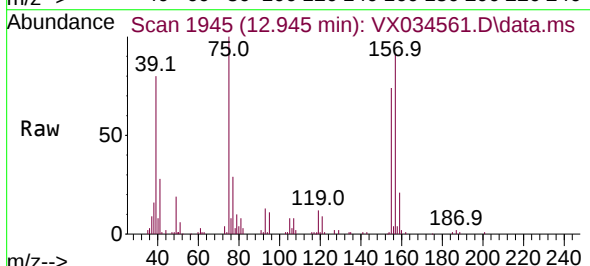
Tgt Ion:146 Resp: 133354
Ion Ratio Lower Upper
146 100
111 45.2 22.0 66.0
148 64.2 32.0 96.0

Manual Integrations
APPROVED

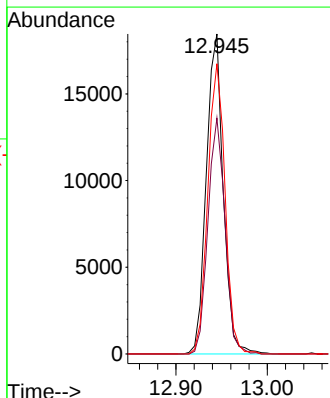
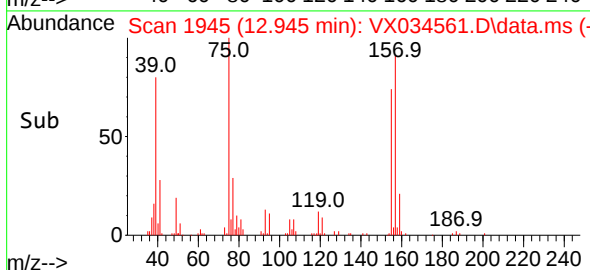
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

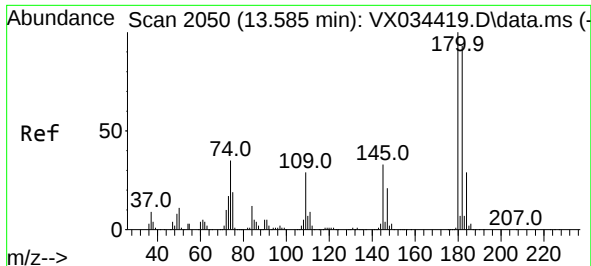


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.992 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04



Tgt Ion: 75 Resp: 23720
Ion Ratio Lower Upper
75 100
155 74.0 38.4 115.1
157 92.1 49.9 149.7





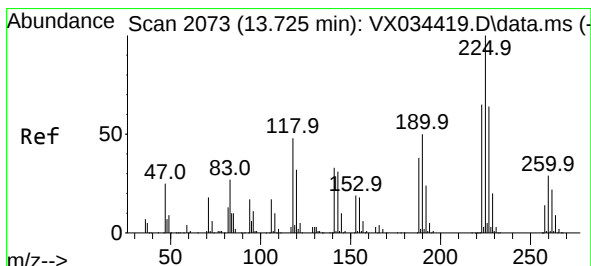
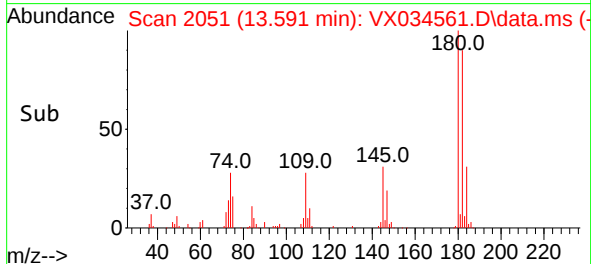
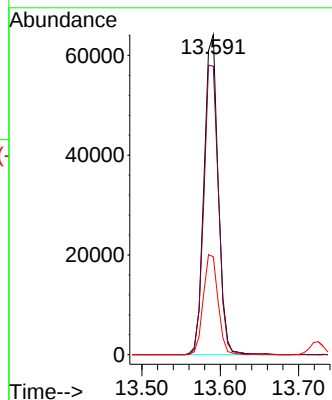
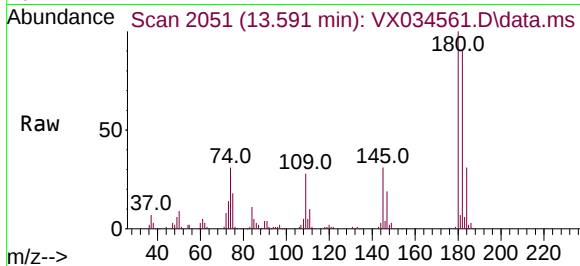
#93
1,2,4-Trichlorobenzene
Concen: 19.005 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02

Tgt Ion:180 Resp: 80469
Ion Ratio Lower Upper
180 100
182 93.4 47.0 141.0
145 32.5 15.9 47.7

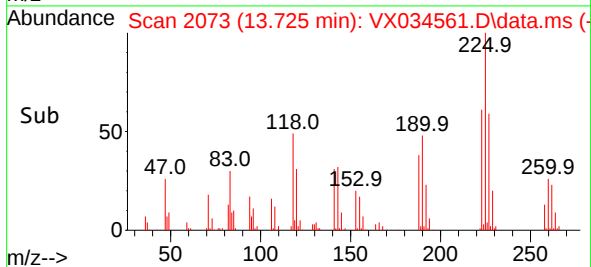
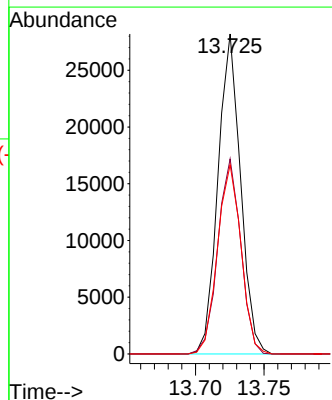
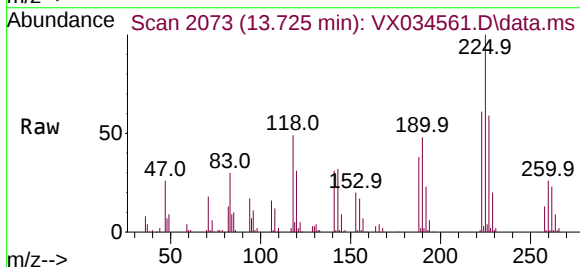
Manual Integrations
APPROVED

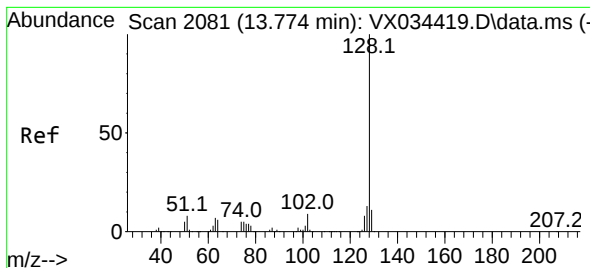
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#94
Hexachlorobutadiene
Concen: 18.875 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

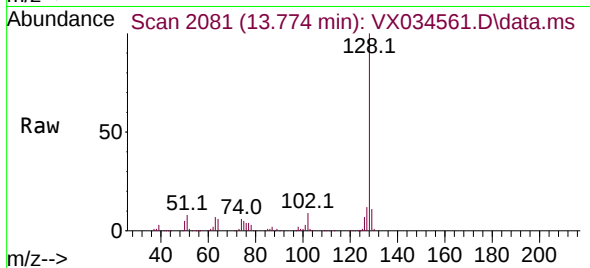
Tgt Ion:225 Resp: 32196
Ion Ratio Lower Upper
225 100
223 62.0 32.1 96.5
227 61.6 31.8 95.4





#95
Naphthalene
Concen: 20.154 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

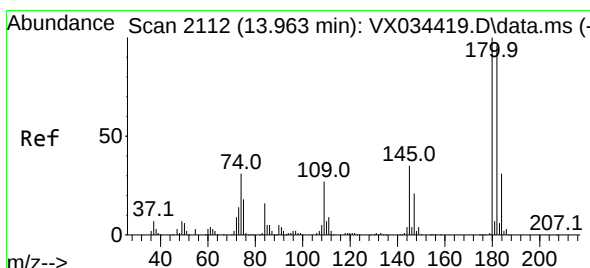
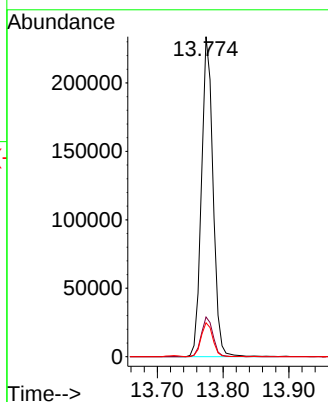
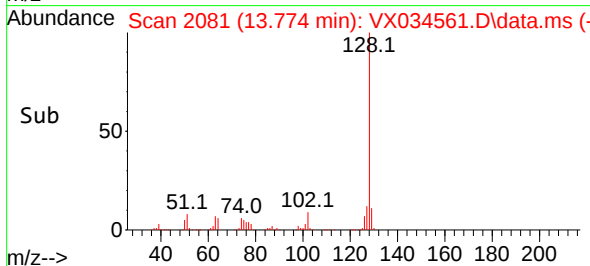
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS02



Tgt Ion:128 Resp: 286149
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.986 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034561.D
Acq: 17 Mar 2023 04:04

Tgt Ion:180 Resp: 82720
Ion Ratio Lower Upper
180 100
182 96.7 48.0 144.2
145 35.1 17.7 53.1

