

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034216.D
 Acq On : 21 Feb 2023 17:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 22 05:53:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	328281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	539855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	496296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201270	45.524	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.040%		
35) Dibromofluoromethane	5.385	113	172235	49.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	8.647	98	657101	52.068	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.140%		
62) 4-Bromofluorobenzene	11.079	95	258540	53.559	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	143526	50.596	ug/l	99
3) Chloromethane	1.300	50	203214	49.781	ug/l	99
4) Vinyl Chloride	1.374	62	209944	56.472	ug/l	98
5) Bromomethane	1.599	94	85105	61.966	ug/l	99
6) Chloroethane	1.685	64	116014	62.073	ug/l	99
7) Trichlorofluoromethane	1.886	101	295308	58.714	ug/l	100
8) Diethyl Ether	2.136	74	111027	54.793	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	164221	46.363	ug/l	96
10) Methyl Iodide	2.453	142	209818	48.651	ug/l	94
11) Tert butyl alcohol	2.959	59	218821	221.288	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	163238	45.973	ug/l	93
13) Acrolein	2.239	56	101615	225.115	ug/l	99
14) Allyl chloride	2.666	41	327869	43.530	ug/l	89
15) Acrylonitrile	3.062	53	530069	245.720	ug/l	99
16) Acetone	2.380	43	464930	203.858	ug/l	92
17) Carbon Disulfide	2.514	76	439960	43.097	ug/l	99
18) Methyl Acetate	2.703	43	348297	49.355	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	586416	46.794	ug/l	97
20) Methylene Chloride	2.788	84	186724	45.439	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	174103	46.794	ug/l	97
22) Diisopropyl ether	3.763	45	655989	49.679	ug/l	92
23) Vinyl Acetate	3.721	43	2585568	244.398	ug/l	100
24) 1,1-Dichloroethane	3.611	63	337740	46.591	ug/l	99
25) 2-Butanone	4.556	43	766692	232.337	ug/l	98
26) 2,2-Dichloropropane	4.477	77	290282	44.204	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	212111	48.143	ug/l	97
28) Bromochloromethane	4.897	49	151023	46.702	ug/l	87
29) Tetrahydrofuran	5.001	42	503614	250.170	ug/l	98
30) Chloroform	5.092	83	334590	48.068	ug/l	99
31) Cyclohexane	5.470	56	307700	46.615	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	290575	46.568	ug/l	99
36) 1,1-Dichloropropene	5.696	75	247395	47.591	ug/l	99
37) Ethyl Acetate	4.714	43	295912	50.935	ug/l	100
38) Carbon Tetrachloride	5.678	117	256720	47.993	ug/l	99
39) Methylcyclohexane	7.379	83	314899	47.073	ug/l	99
40) Benzene	6.037	78	758295	49.224	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	164179	50.722	ug/l	99
42) 1,2-Dichloroethane	6.086	62	254507	46.974	ug/l	99
43) Isopropyl Acetate	6.336	43	508438	49.594	ug/l	99
44) Trichloroethene	7.123	130	195000	49.326	ug/l	96
45) 1,2-Dichloropropane	7.433	63	204425	49.848	ug/l	99
46) Dibromomethane	7.580	93	134686	49.904	ug/l	88
47) Bromodichloromethane	7.824	83	266320	48.083	ug/l	96
48) Methyl methacrylate	7.690	41	238700	49.055	ug/l	97
49) 1,4-Dioxane	7.659	88	95525	984.218	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	1555727	275.816	ug/l	99
52) Toluene	8.720	92	486271	52.095	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	316779	49.687	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	333449	48.855	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	199353	52.911	ug/l	99
56) Ethyl methacrylate	9.116	69	333746	52.363	ug/l	98
57) 1,3-Dichloropropane	9.311	76	339524	51.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	703646	254.848	ug/l	95
59) 2-Hexanone	9.427	43	1188731	276.539	ug/l	98
60) Dibromochloromethane	9.518	129	216994	52.123	ug/l	100
61) 1,2-Dibromoethane	9.610	107	208492	52.323	ug/l	98
64) Tetrachloroethene	9.275	164	163685	46.730	ug/l	95
65) Chlorobenzene	10.079	112	520341	50.297	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	197882	49.410	ug/l	98
67) Ethyl Benzene	10.195	91	931017	50.093	ug/l	100
68) m/p-Xylenes	10.299	106	730500	102.706	ug/l	96
69) o-Xylene	10.640	106	365707	51.647	ug/l	96
70) Styrene	10.652	104	609811	52.953	ug/l	97
71) Bromoform	10.799	173	162951	49.847	ug/l #	99
73) Isopropylbenzene	10.963	105	941624	48.895	ug/l	100
74) N-amyl acetate	10.841	43	476403	49.241	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	321141	48.756	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	262986m	41.361	ug/l	
77) Bromobenzene	11.195	156	227669	49.126	ug/l	85
78) n-propylbenzene	11.305	91	1112275	49.661	ug/l	98
79) 2-Chlorotoluene	11.366	91	672814	48.990	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	799854	49.401	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	113916	46.025	ug/l	92
82) 4-Chlorotoluene	11.451	91	779485	49.832	ug/l	95
83) tert-Butylbenzene	11.713	119	817410	49.293	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	804013	49.112	ug/l	97
85) sec-Butylbenzene	11.890	105	1007959	50.054	ug/l	98
86) p-Isopropyltoluene	12.006	119	832845	49.973	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	432677	49.782	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	428923	48.927	ug/l	97
89) n-Butylbenzene	12.335	91	749995	50.526	ug/l	98
90) Hexachloroethane	12.536	117	168048	48.227	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	417296	49.071	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	69124	44.008	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	259624	47.554	ug/l	98
94) Hexachlorobutadiene	13.725	225	106148	46.900	ug/l	97
95) Naphthalene	13.774	128	891183	48.456	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	259395	47.857	ug/l	99

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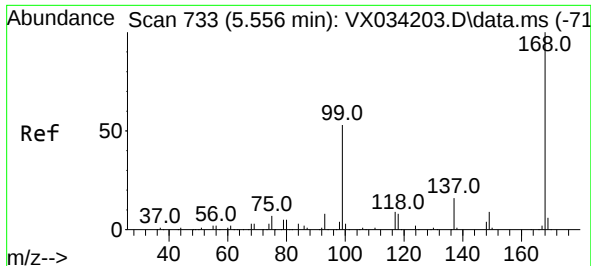
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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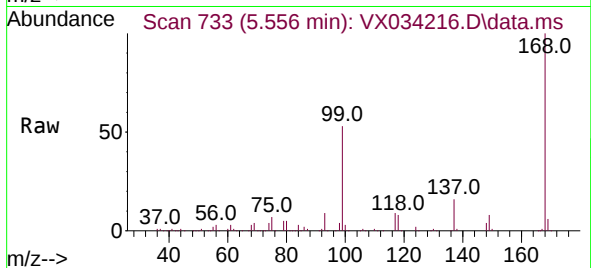
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034216.D
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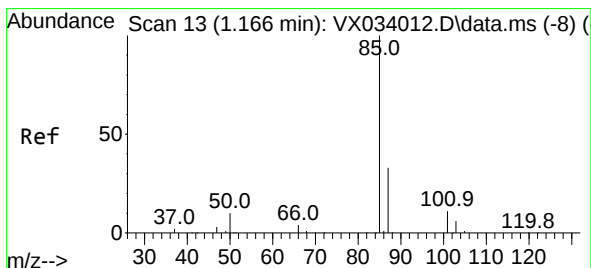
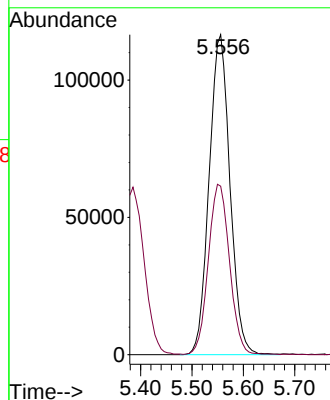
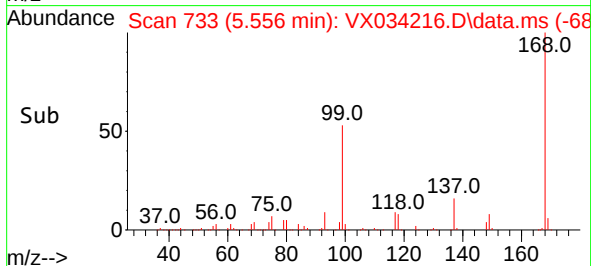
Instrument :
MSVOA_X
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VSTDCCC050EC



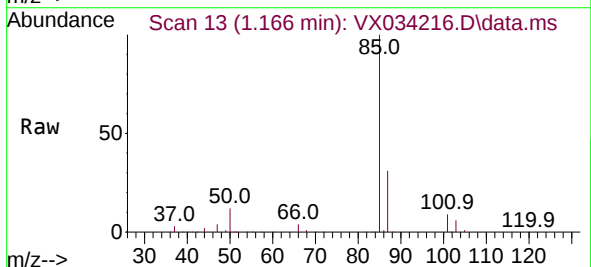
Tgt Ion:168 Resp: 32828
Ion Ratio Lower Upper
168 100
99 52.6 39.6 59.4

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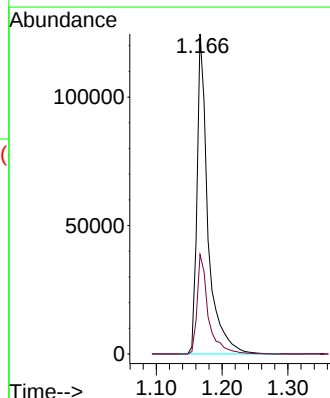
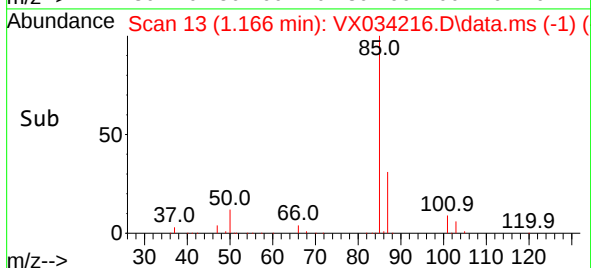
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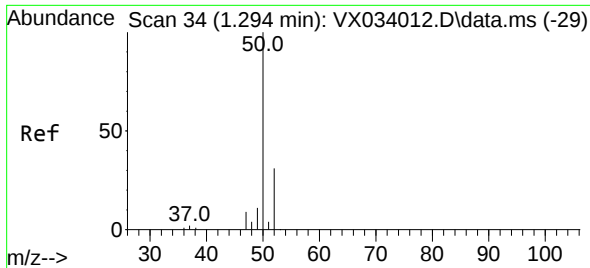


#2
Dichlorodifluoromethane
Concen: 50.596 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



Tgt Ion: 85 Resp: 143526
Ion Ratio Lower Upper
85 100
87 31.1 15.8 47.4





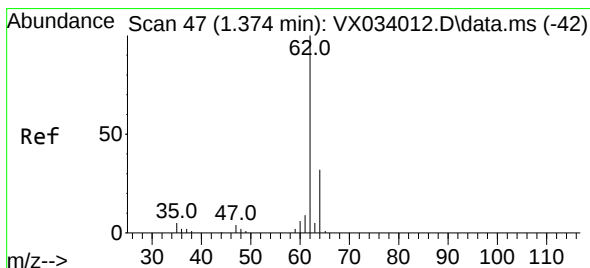
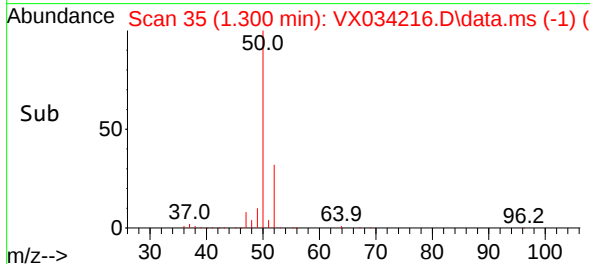
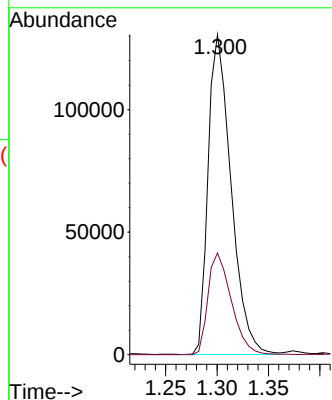
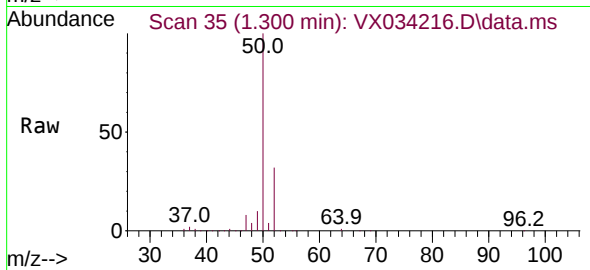
#3
Chloromethane
Concen: 49.781 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
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Tgt Ion: 50 Resp: 203214
Ion Ratio Lower Upper
50 100
52 31.8 25.2 37.8

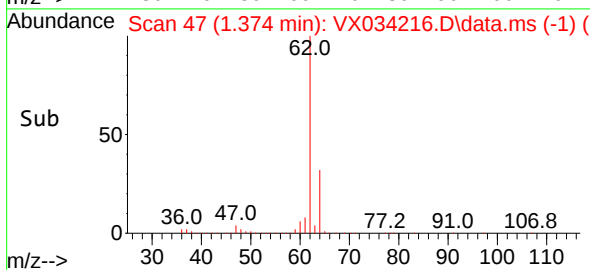
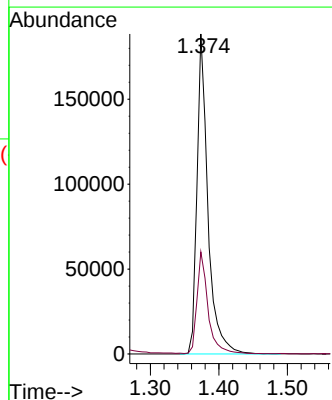
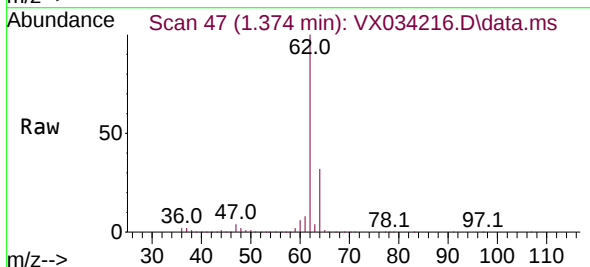
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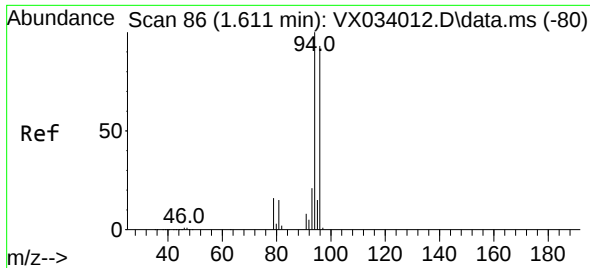
Reviewed By :John Carlone 02/22/2023
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#4
Vinyl Chloride
Concen: 56.472 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

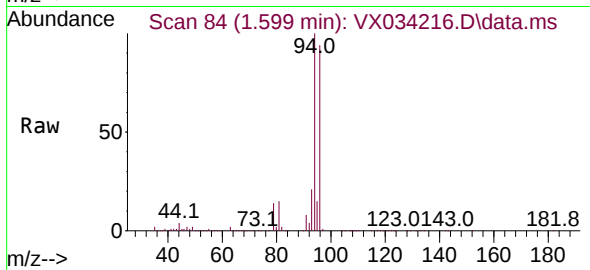
Tgt Ion: 62 Resp: 209944
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.4





#5
Bromomethane
Concen: 61.966 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

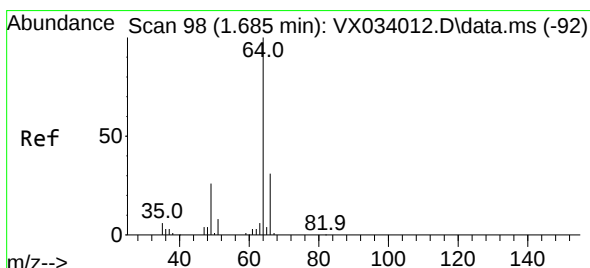
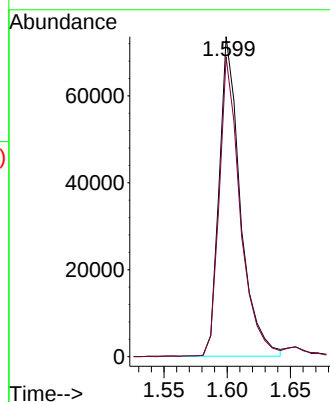
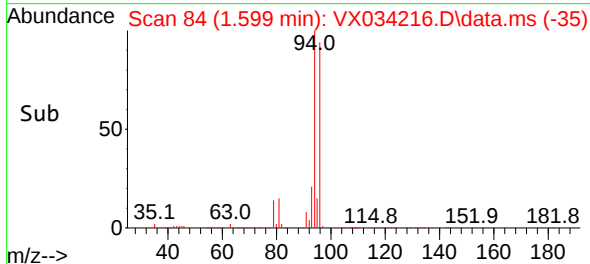
Instrument :
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Tgt Ion: 94 Resp: 8510
Ion Ratio Lower Upper
94 100
96 93.6 74.3 111.5

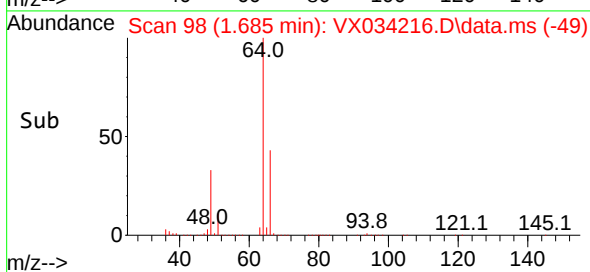
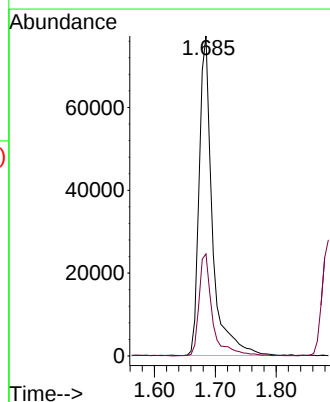
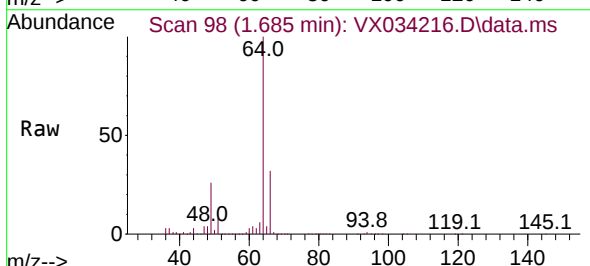
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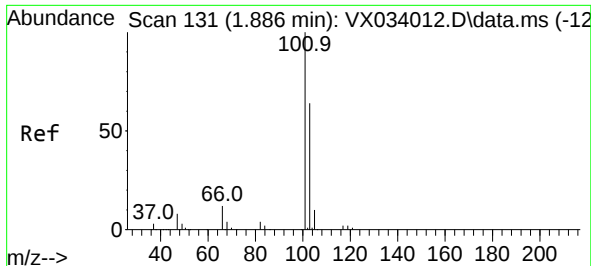
Reviewed By :John Carlone 02/22/2023
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#6
Chloroethane
Concen: 62.073 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034216.D
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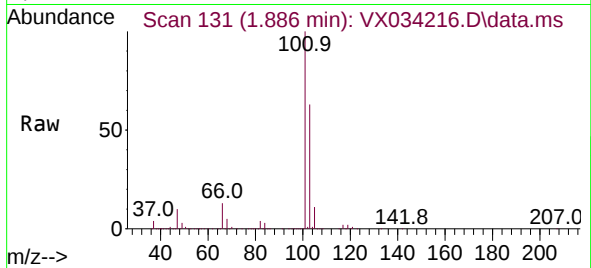
Tgt Ion: 64 Resp: 116014
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 58.714 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034216.D
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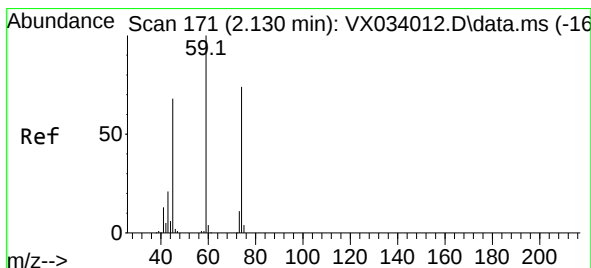
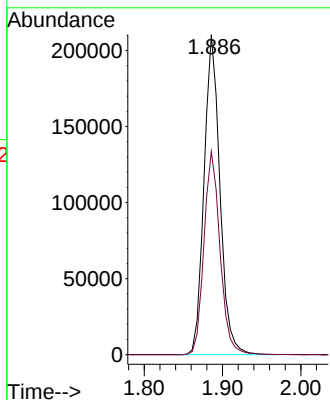
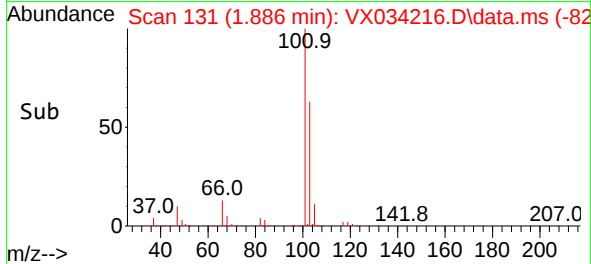
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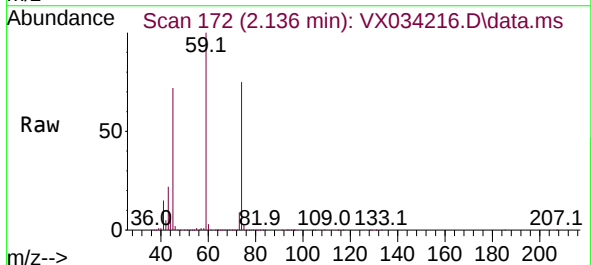
Tgt Ion:101 Resp: 295308
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.6 75.8

Manual Integrations
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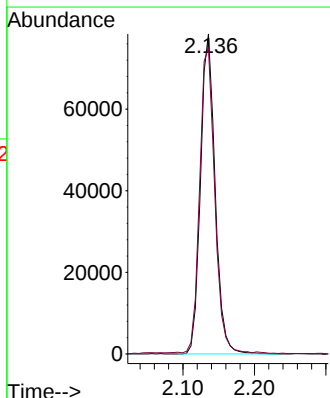
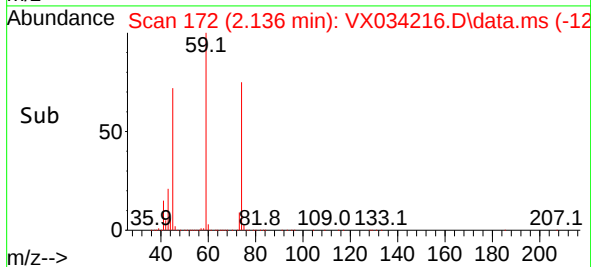
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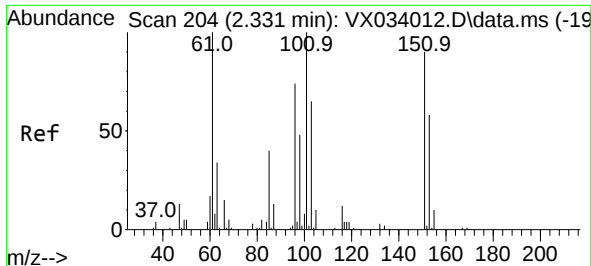


#8
 Diethyl Ether
 Concen: 54.793 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 111027
 Ion Ratio Lower Upper
 74 100
 45 98.0 51.5 154.5





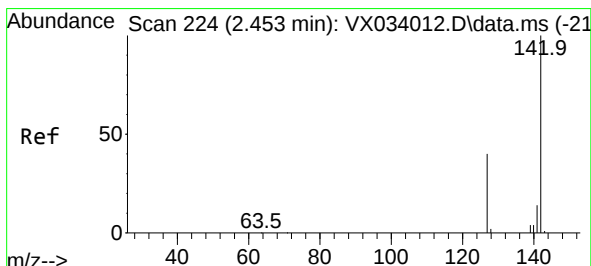
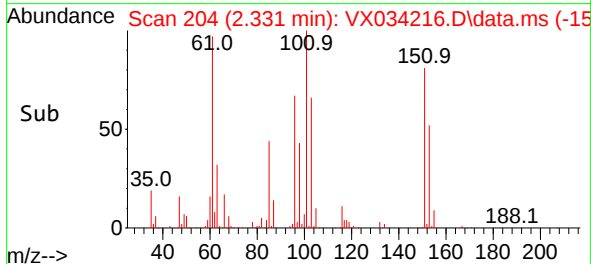
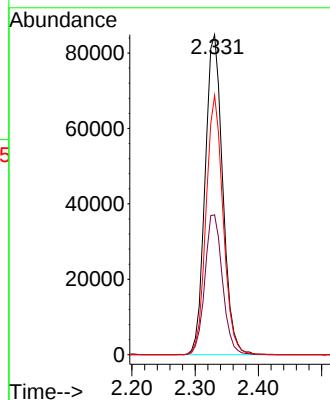
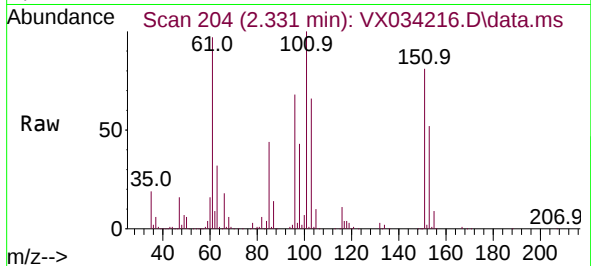
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.363 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16422
Ion Ratio Lower Upper
101 100
85 43.9 36.7 55.1
151 78.5 66.5 99.7

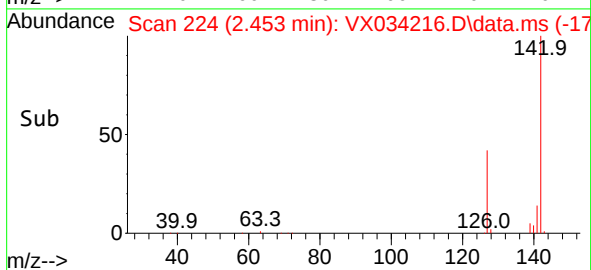
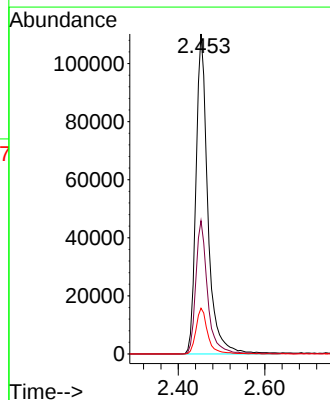
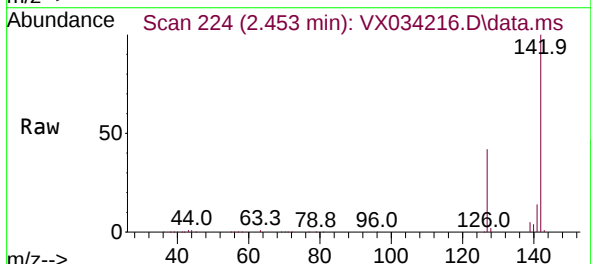
Manual Integrations
APPROVED

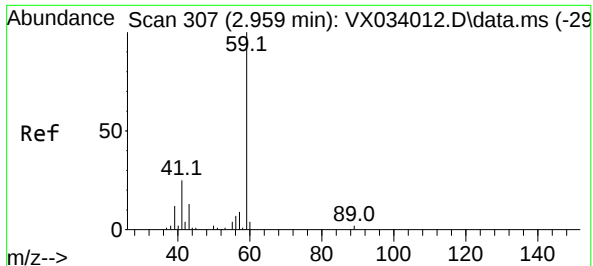
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 48.651 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

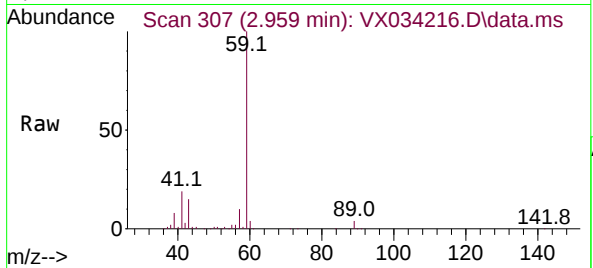
Tgt Ion:142 Resp: 209818
Ion Ratio Lower Upper
142 100
127 41.3 37.3 55.9
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 221.288 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

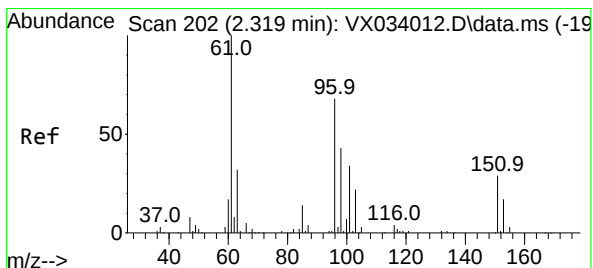
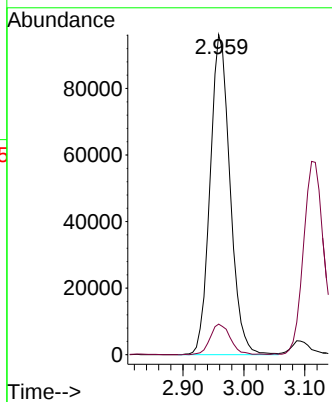
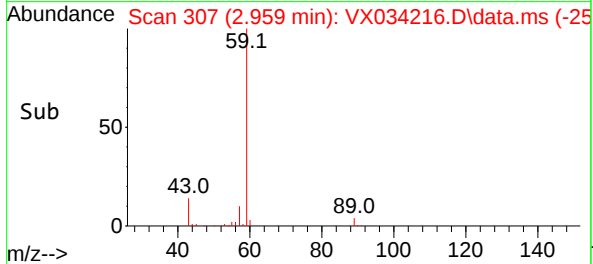
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



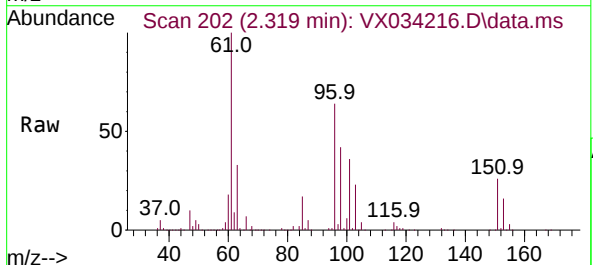
Tgt Ion: 59 Resp: 21882
Ion Ratio Lower Upper
59 100
57 9.7 3.7 5.5

Manual Integrations
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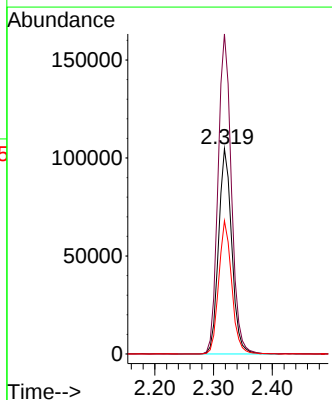
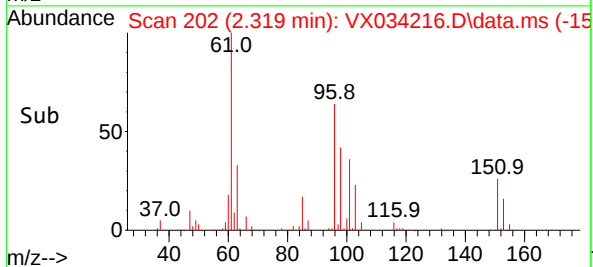
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

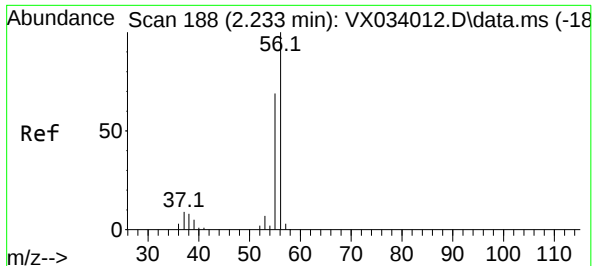


#12
1,1-Dichloroethene
Concen: 45.973 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



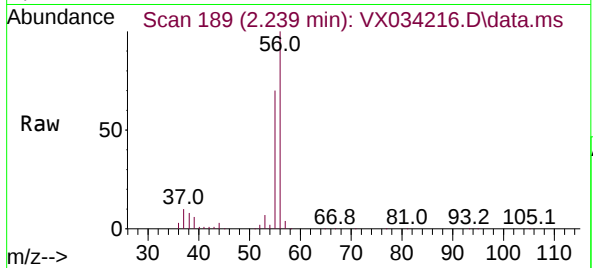
Tgt Ion: 96 Resp: 163238
Ion Ratio Lower Upper
96 100
61 155.8 134.2 201.4
98 64.8 50.2 75.2





#13
Acrolein
Concen: 225.115 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

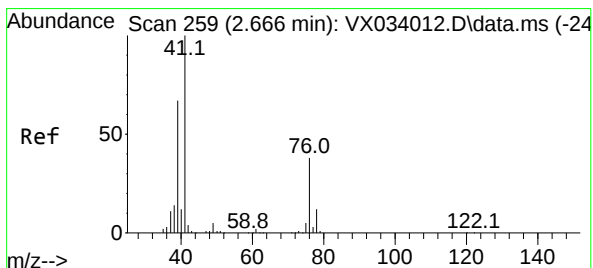
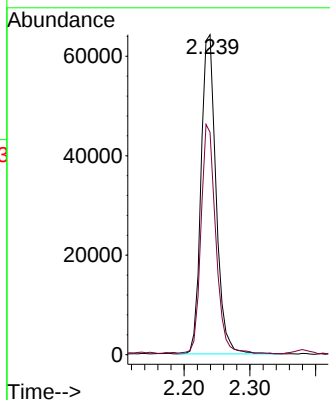
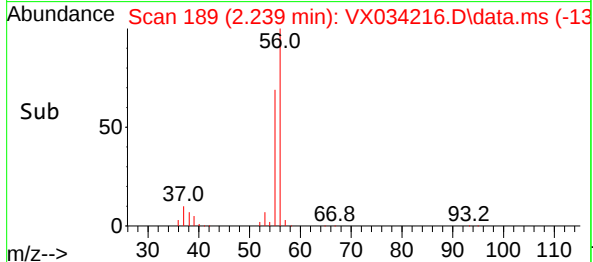
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



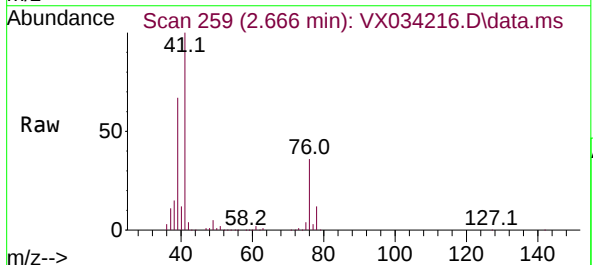
Tgt Ion: 56 Resp: 101615
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5

Manual Integrations
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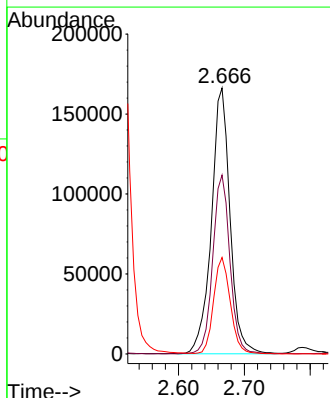
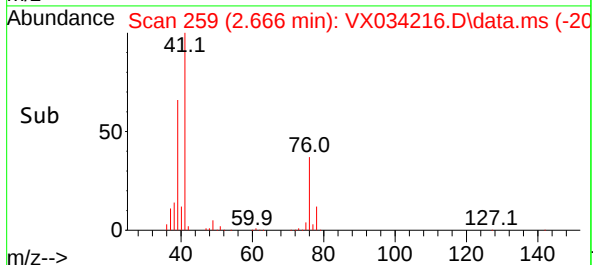
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

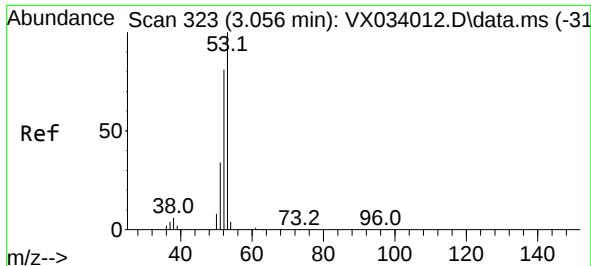


#14
Allyl chloride
Concen: 43.530 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



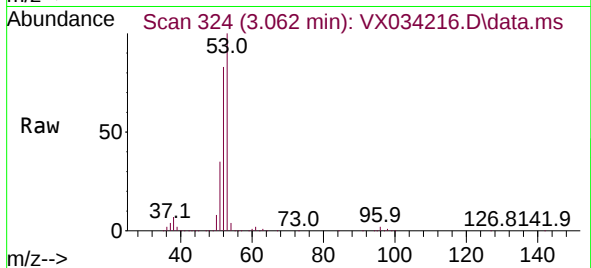
Tgt Ion: 41 Resp: 327869
Ion Ratio Lower Upper
41 100
39 62.0 59.0 88.4
76 32.6 24.6 37.0





#15
Acrylonitrile
Concen: 245.720 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

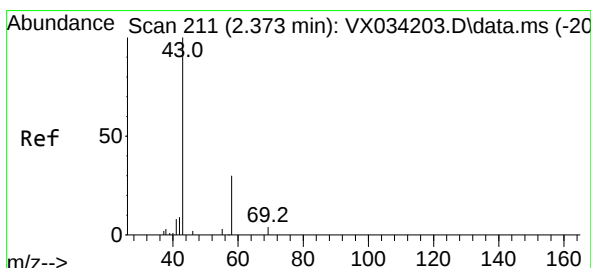
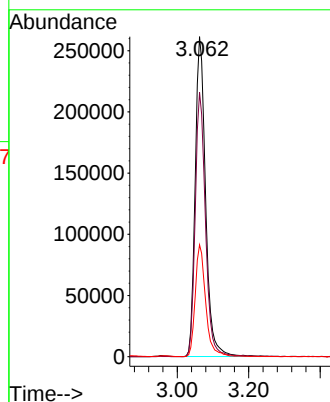
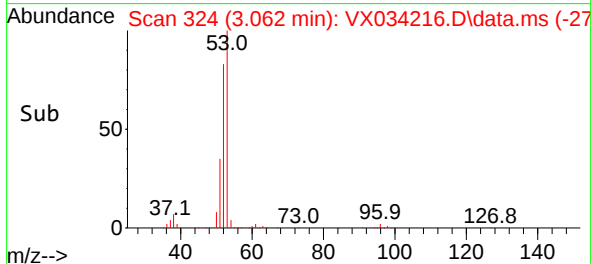
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 530069
Ion Ratio Lower Upper
53 100
52 81.5 65.7 98.5
51 35.3 29.0 43.4

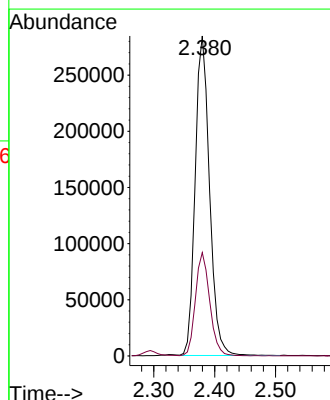
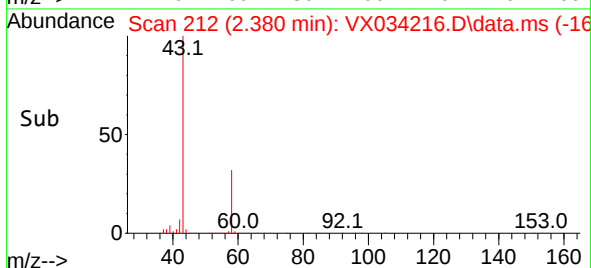
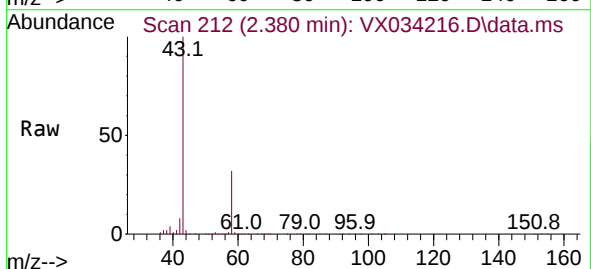
Manual Integrations
APPROVED

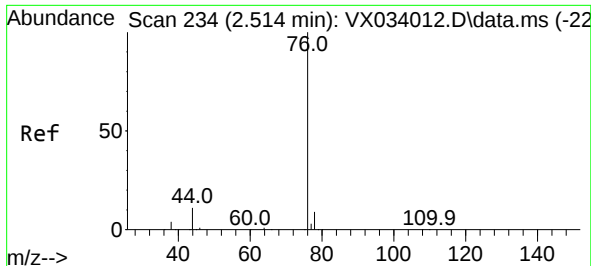
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16
Acetone
Concen: 203.858 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Tgt Ion: 43 Resp: 464930
Ion Ratio Lower Upper
43 100
58 32.3 22.6 33.8





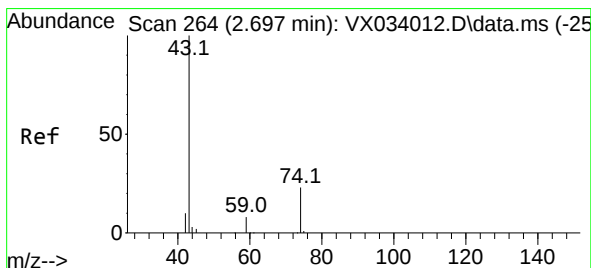
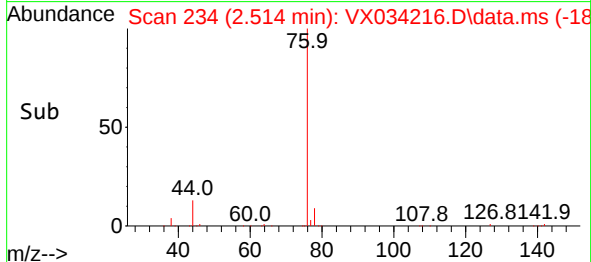
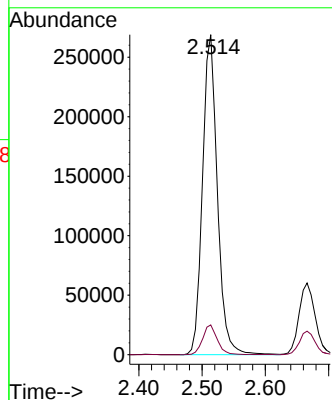
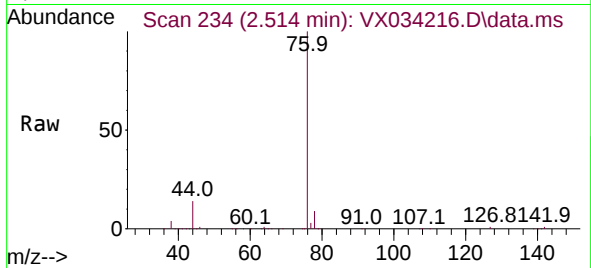
#17
Carbon Disulfide
Concen: 43.097 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 439960
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

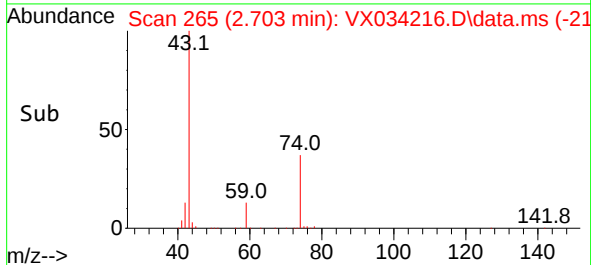
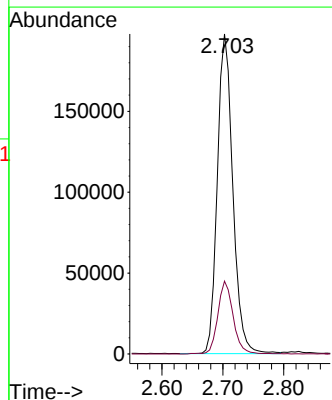
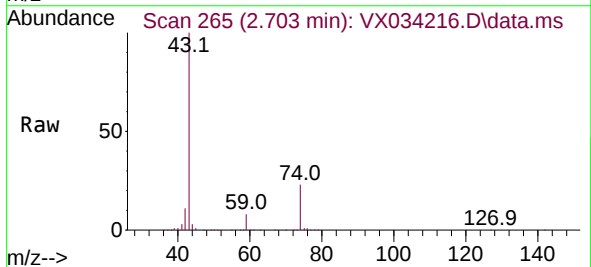
Manual Integrations
APPROVED

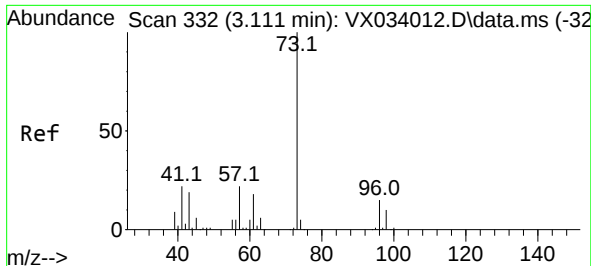
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 49.355 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

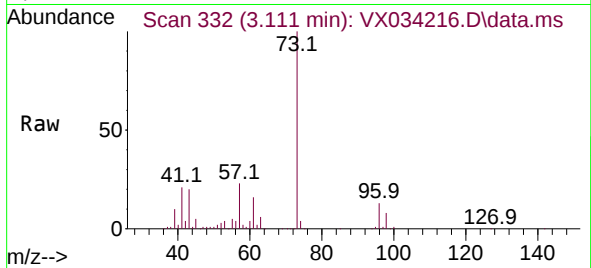
Tgt Ion: 43 Resp: 348297
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 46.794 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

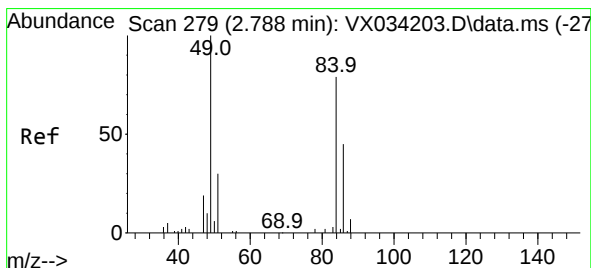
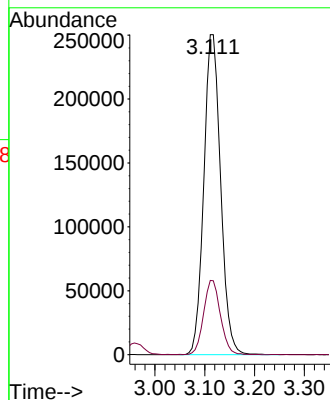
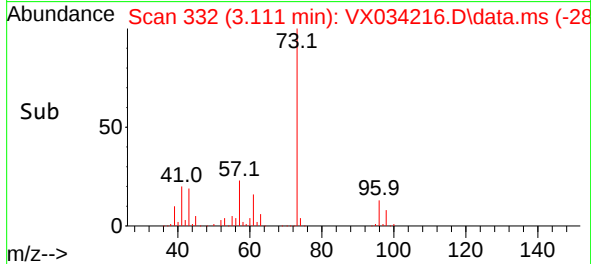
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 586410
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0

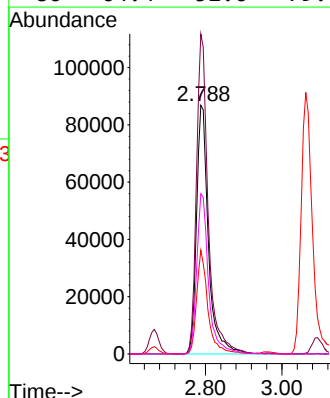
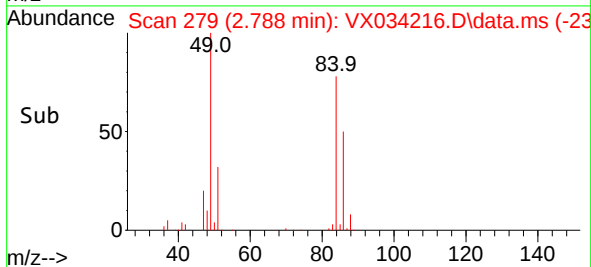
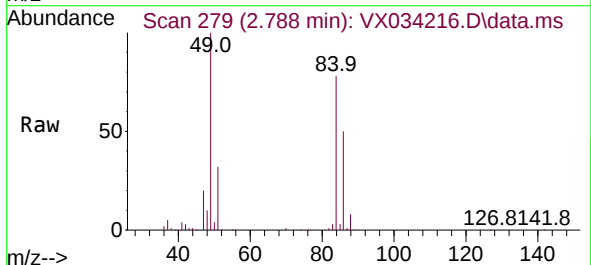
Manual Integrations
APPROVED

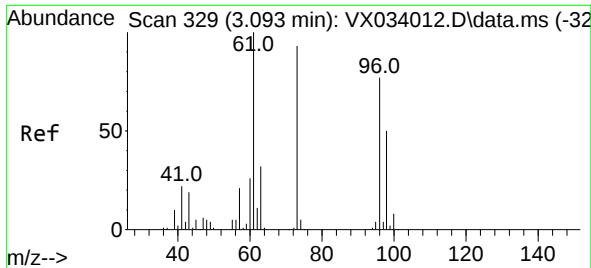
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 45.439 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

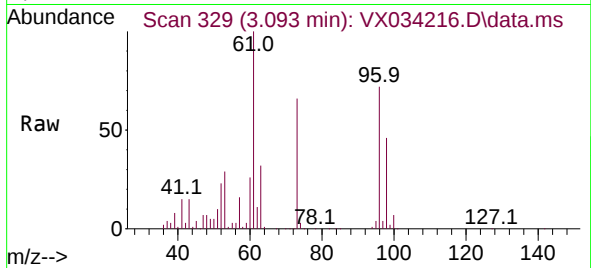
Tgt Ion: 84 Resp: 186724
Ion Ratio Lower Upper
84 100
49 128.7 101.1 151.7
51 41.7 31.0 46.6
86 64.4 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 46.794 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

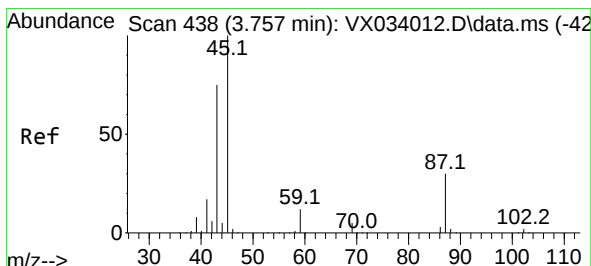
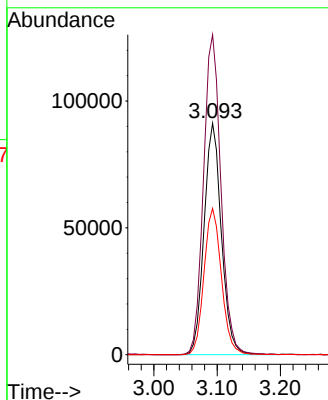
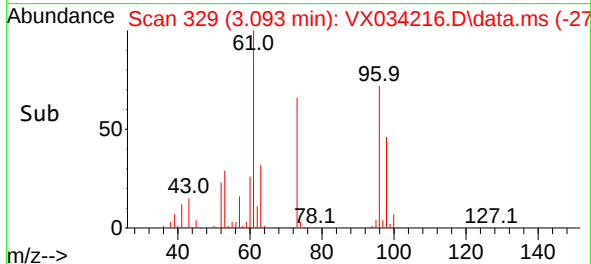
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 17410
Ion Ratio Lower Upper
96 100
61 138.2 106.7 160.1
98 63.1 50.0 75.0

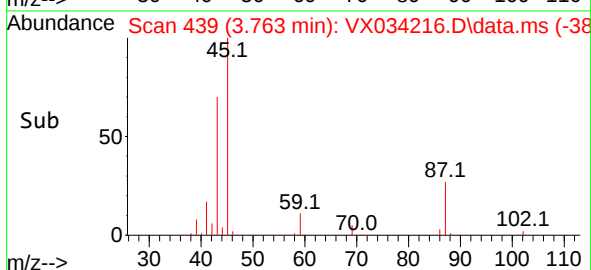
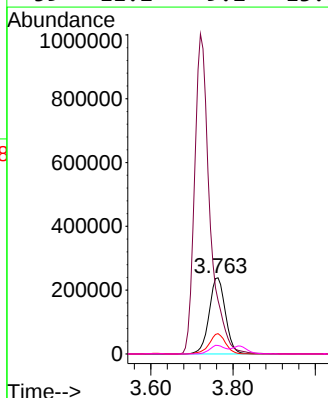
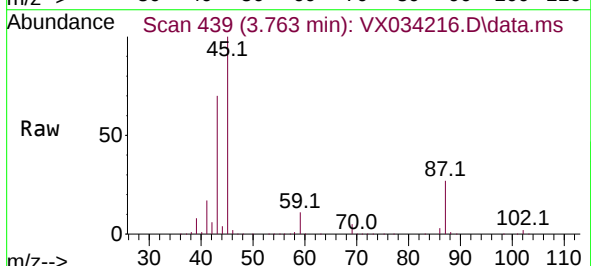
Manual Integrations
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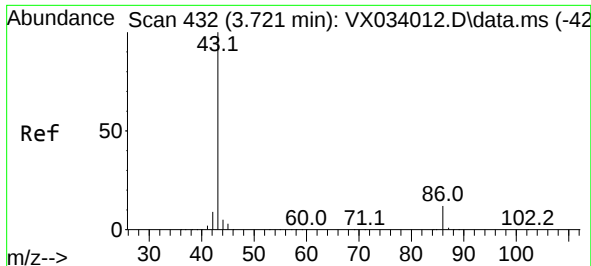
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#22
Diisopropyl ether
Concen: 49.679 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

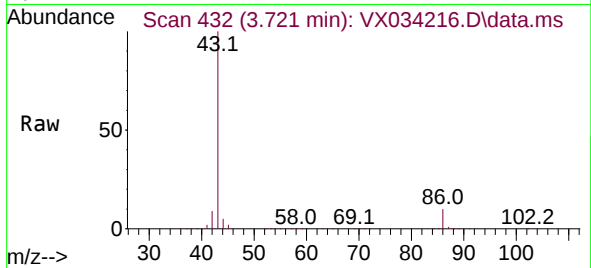
Tgt Ion: 45 Resp: 655989
Ion Ratio Lower Upper
45 100
43 70.2 64.6 97.0
87 26.6 21.9 32.9
59 11.2 9.2 13.8





#23
 Vinyl Acetate
 Concen: 244.398 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034216.D
 Acq: 21 Feb 2023 17:51

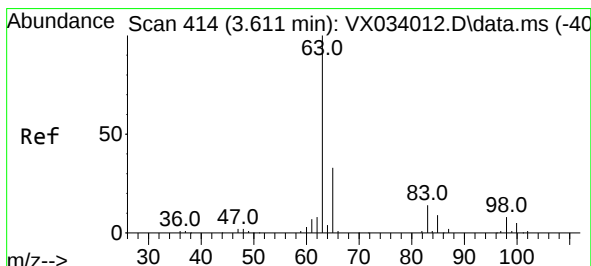
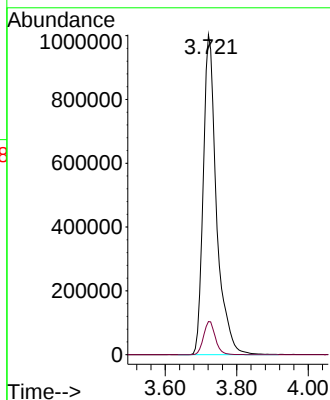
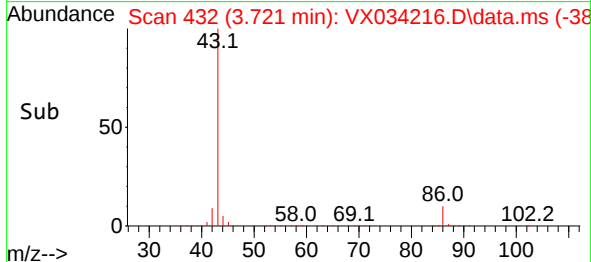
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



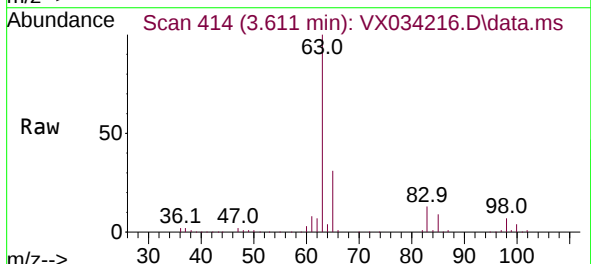
Tgt Ion: 43 Resp: 258556
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6

Manual Integrations
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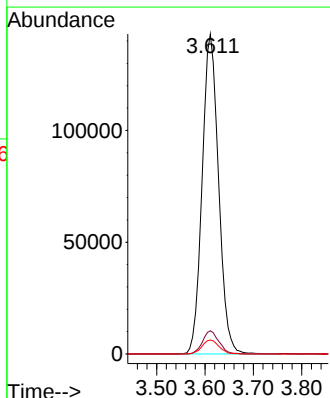
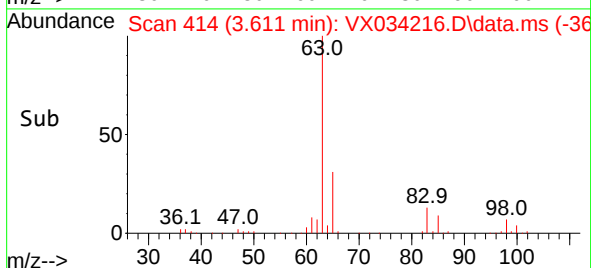
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

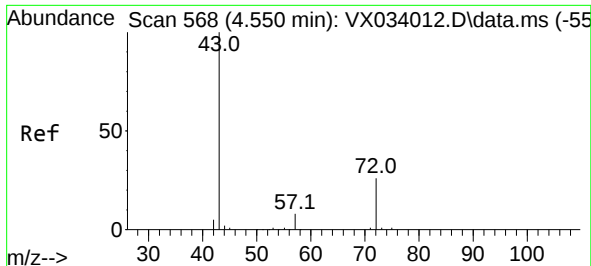


#24
 1,1-Dichloroethane
 Concen: 46.591 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034216.D
 Acq: 21 Feb 2023 17:51



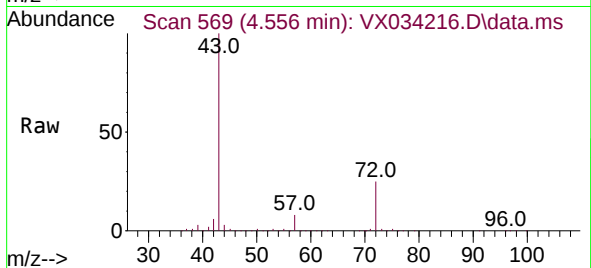
Tgt Ion: 63 Resp: 337740
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.3 2.4 7.2





#25
2-Butanone
Concen: 232.337 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

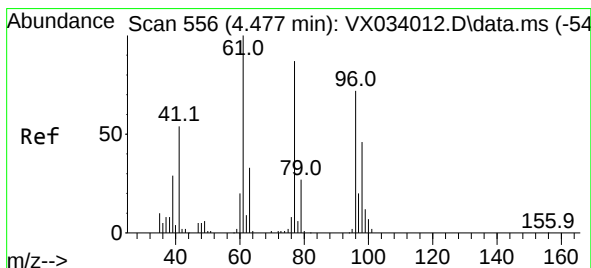
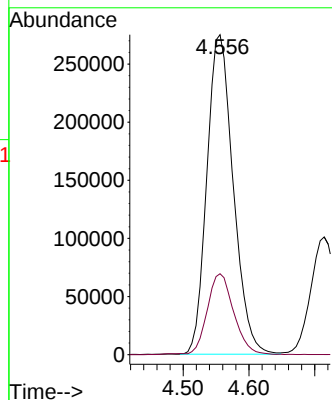
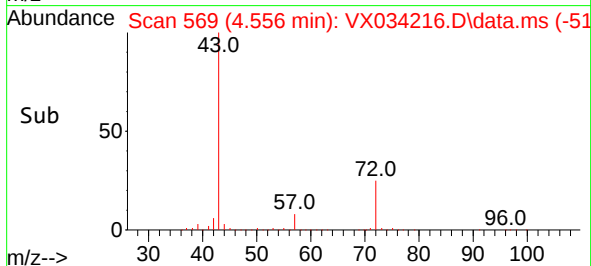
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 766692
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

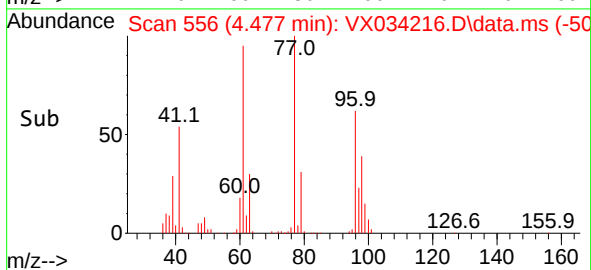
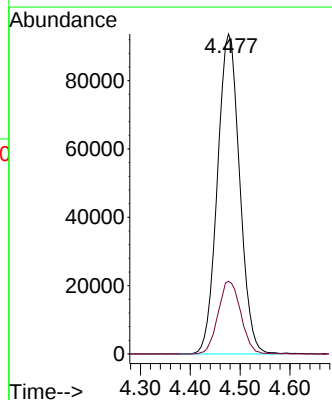
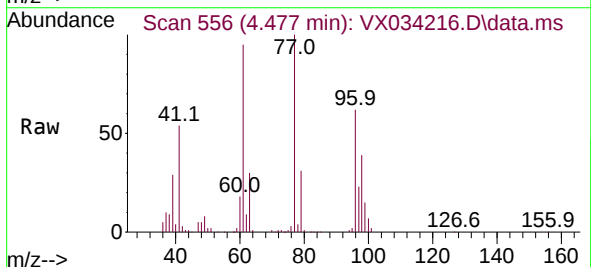
Manual Integrations
APPROVED

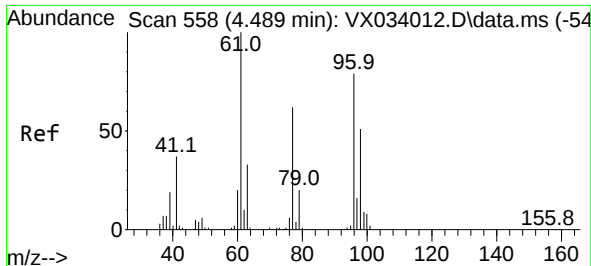
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 44.204 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Tgt Ion: 77 Resp: 290282
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.143 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 21211

Ion Ratio Lower Upper

96 100

61 144.0 0.0 277.6

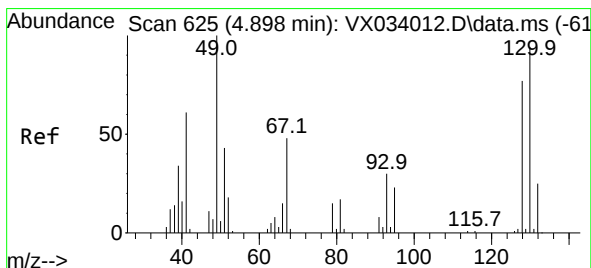
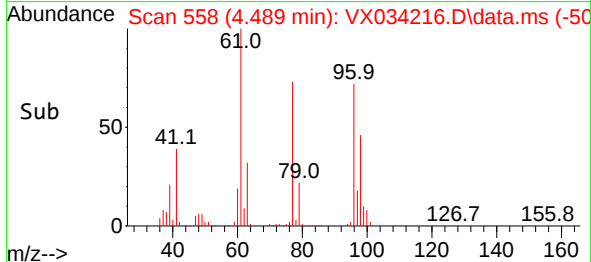
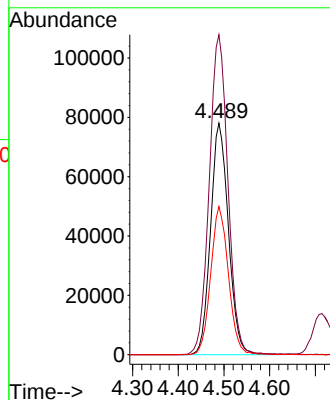
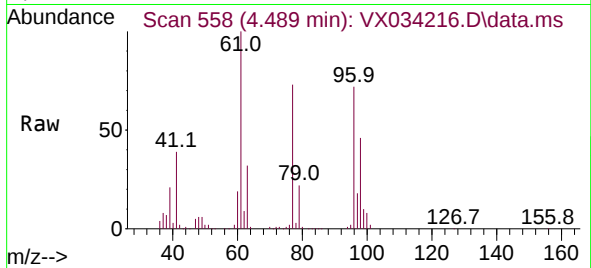
98 63.4 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 46.702 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

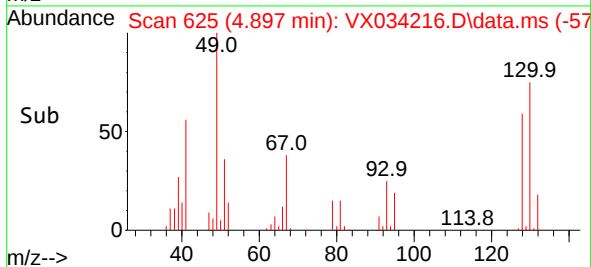
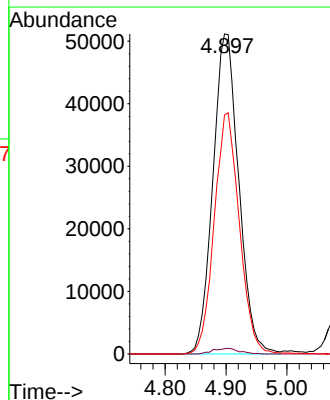
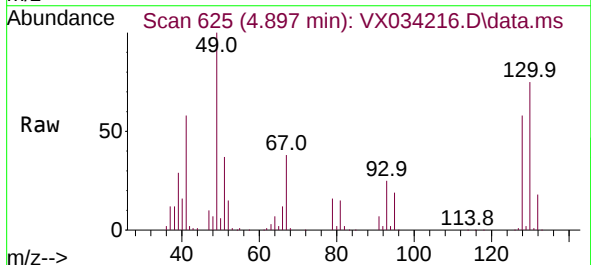
Tgt Ion: 49 Resp: 151023

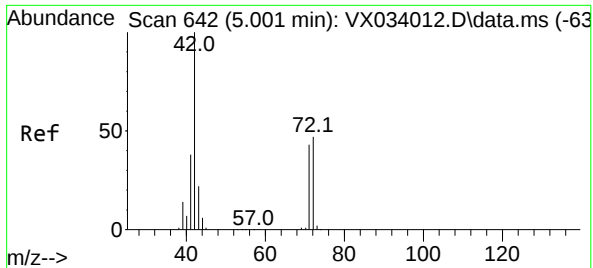
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 73.3 68.5 102.7





#29

Tetrahydrofuran

Concen: 250.170 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 503614

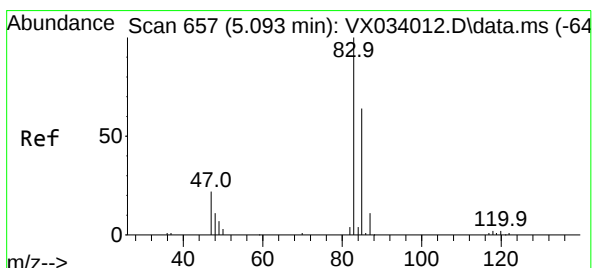
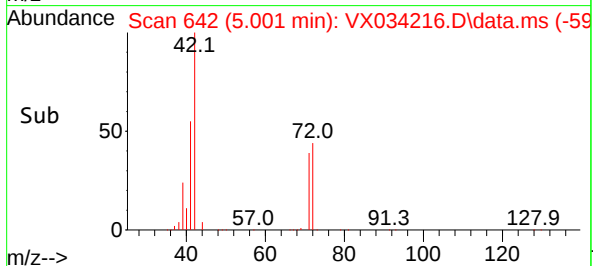
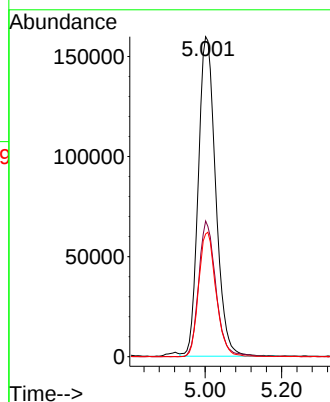
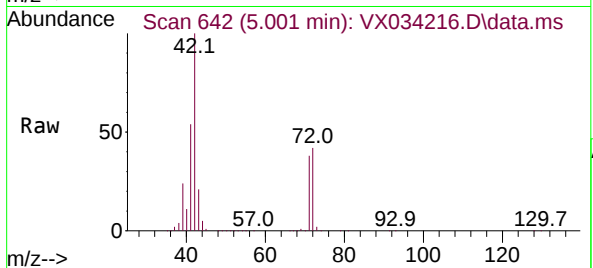
Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.8	52.2
71	39.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 48.068 ug/l

RT: 5.092 min Scan# 657

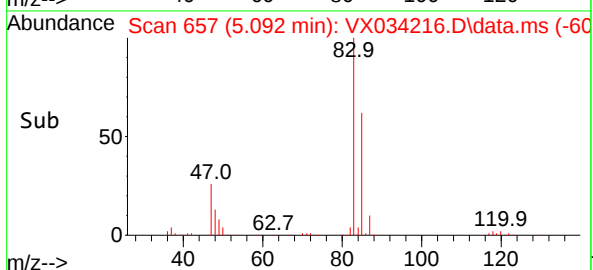
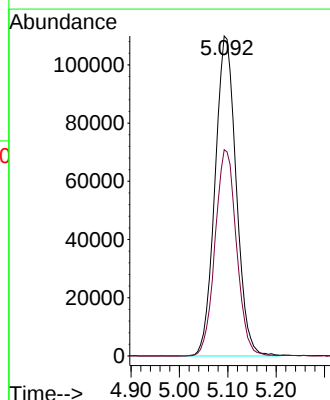
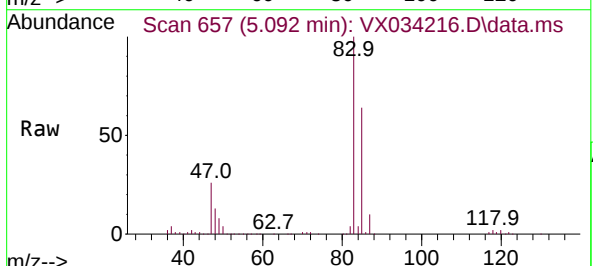
Delta R.T. 0.000 min

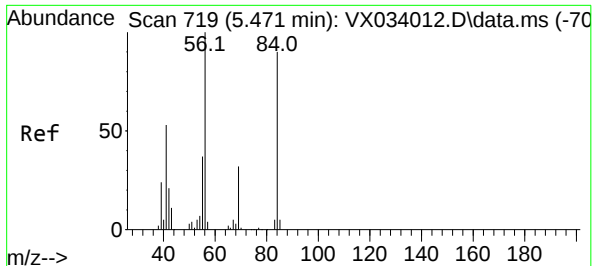
Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Tgt Ion: 83 Resp: 334590

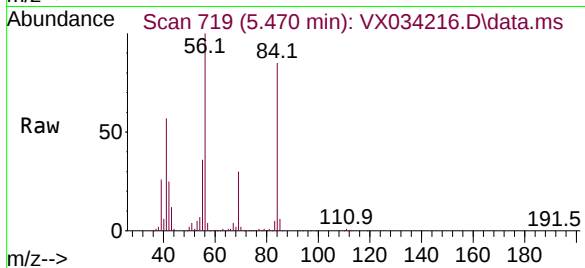
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1





#31
Cyclohexane
Concen: 46.615 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

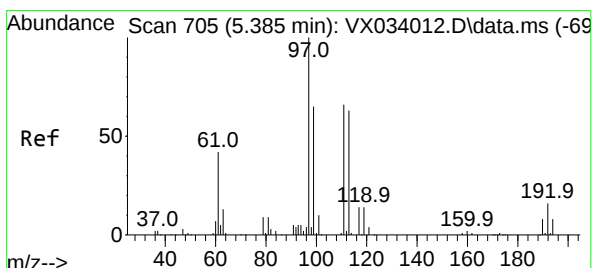
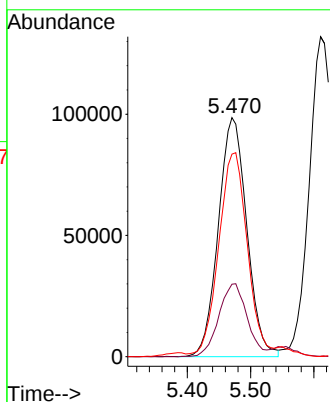
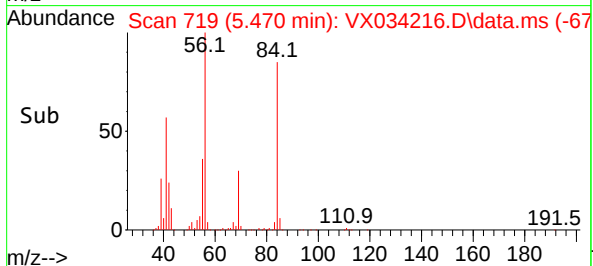
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



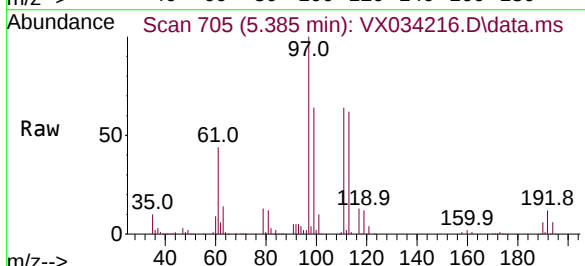
Tgt Ion: 56 Resp: 307700
Ion Ratio Lower Upper
56 100
69 30.3 24.6 37.0
84 83.1 71.0 106.6

Manual Integrations
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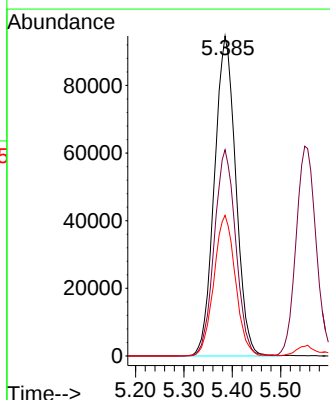
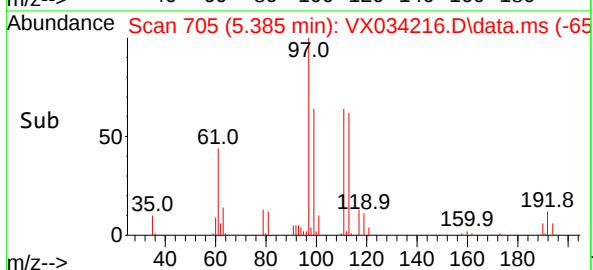
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

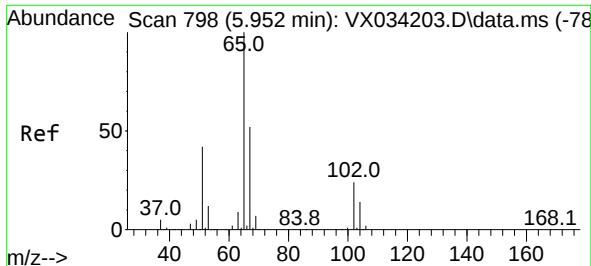


#32
1,1,1-Trichloroethane
Concen: 46.568 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



Tgt Ion: 97 Resp: 290575
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 44.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.524 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 201270

Ion Ratio Lower Upper

65 100

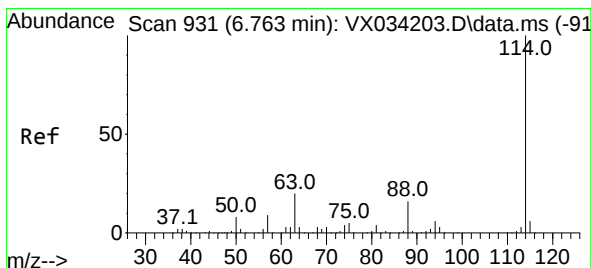
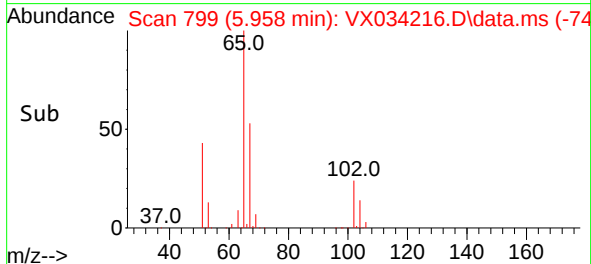
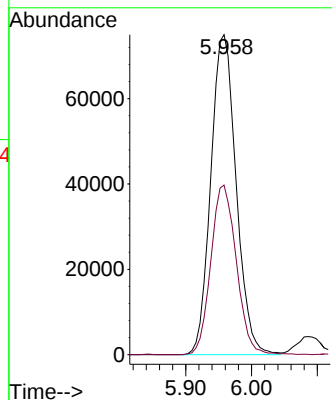
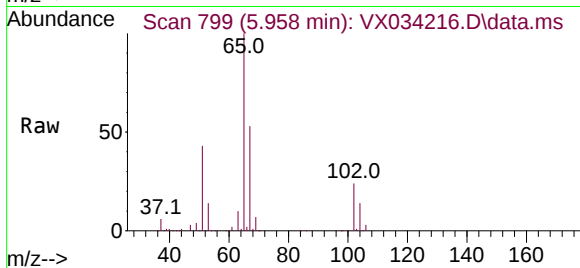
67 53.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

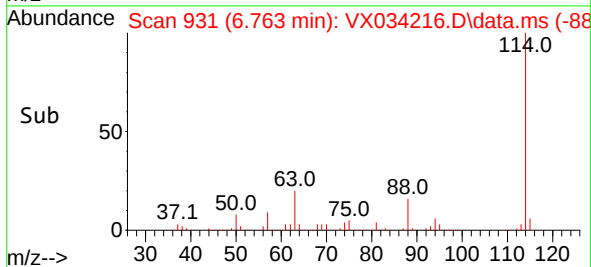
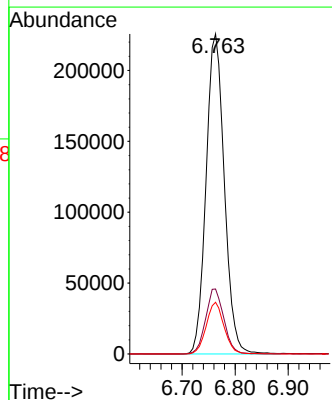
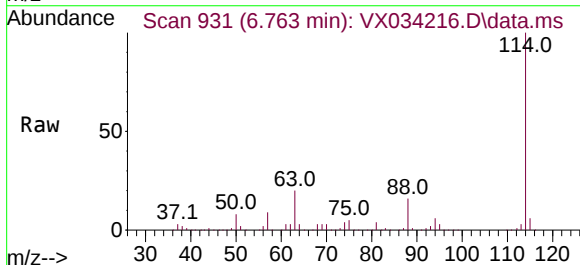
Tgt Ion:114 Resp: 539855

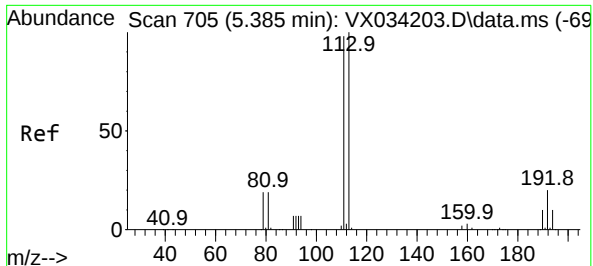
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

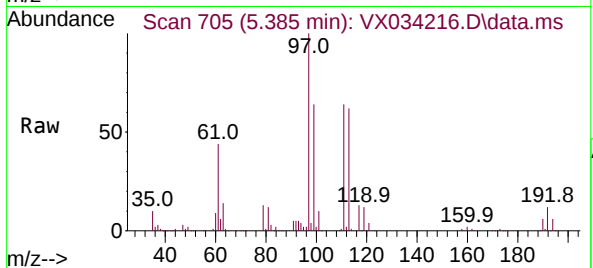
88 16.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.000 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

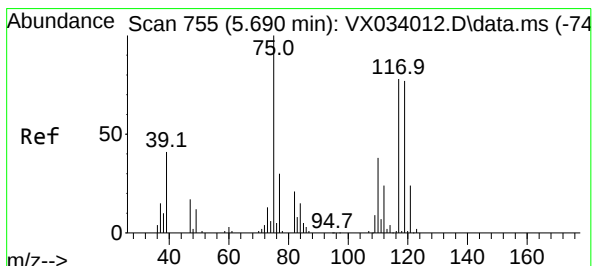
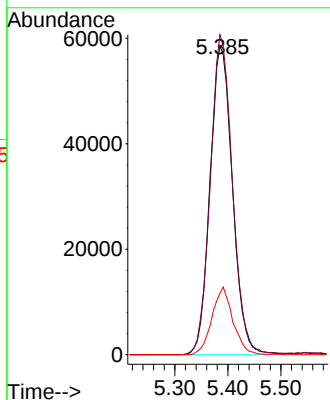
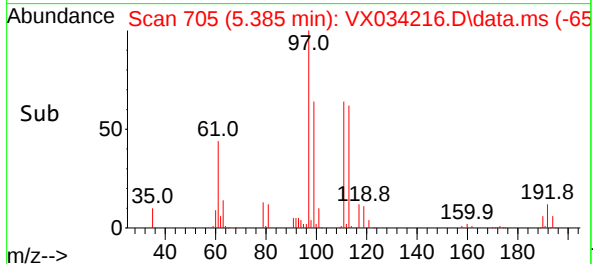
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



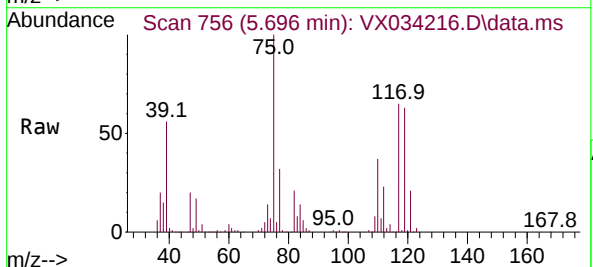
Tgt Ion:113 Resp: 172235
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 20.4 19.0 28.4

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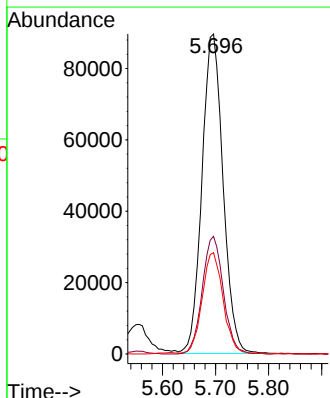
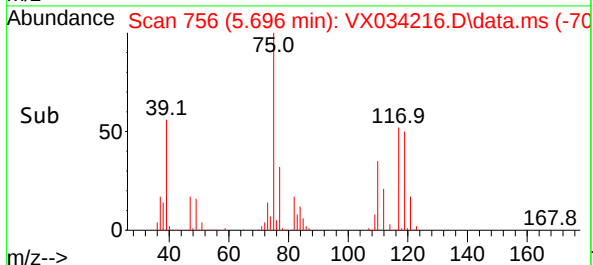
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

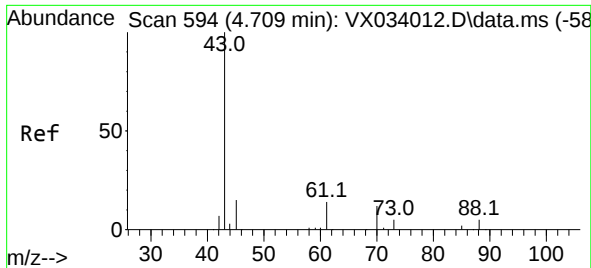


#36
1,1-Dichloropropene
Concen: 47.591 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



Tgt Ion: 75 Resp: 247395
Ion Ratio Lower Upper
75 100
110 36.8 18.8 56.4
77 31.7 25.1 37.7





#37

Ethyl Acetate

Concen: 50.935 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 295912

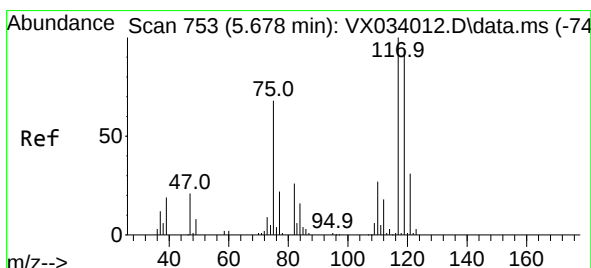
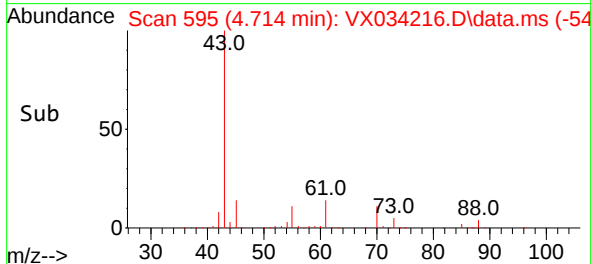
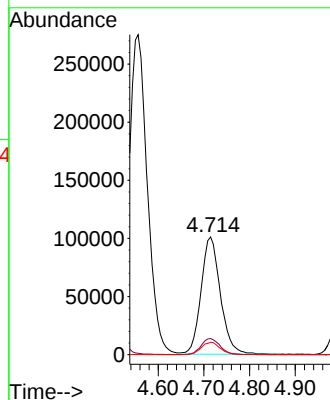
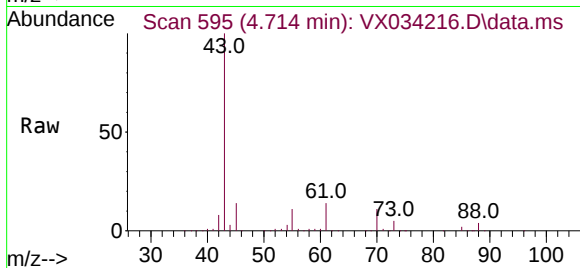
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.5	8.5	12.7

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#38

Carbon Tetrachloride

Concen: 47.993 ug/l

RT: 5.678 min Scan# 753

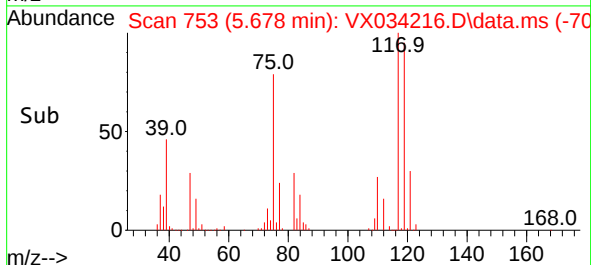
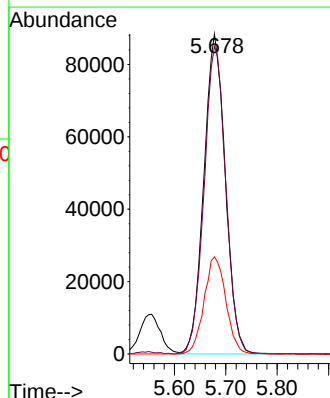
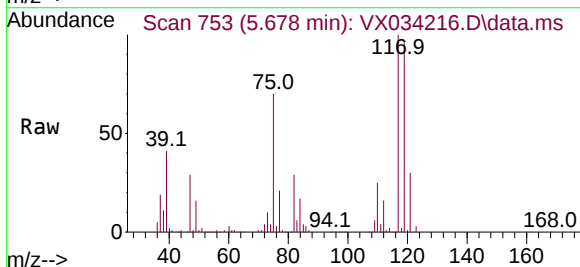
Delta R.T. 0.006 min

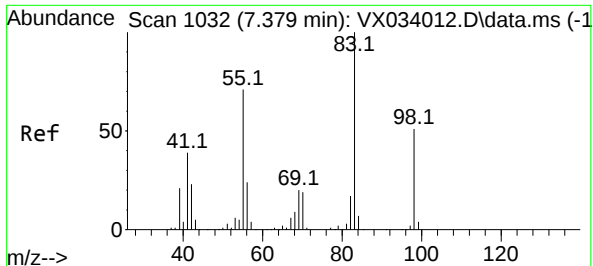
Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Tgt Ion:117 Resp: 256720

Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.0	117.0
121	30.4	24.4	36.6





#39

Methylcyclohexane

Concen: 47.073 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 314899

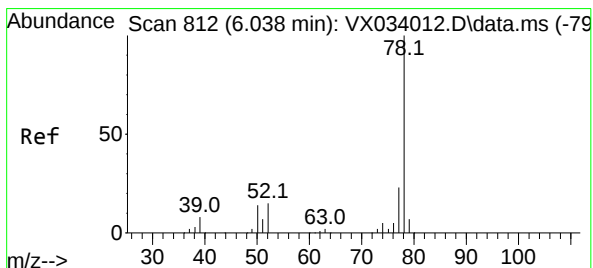
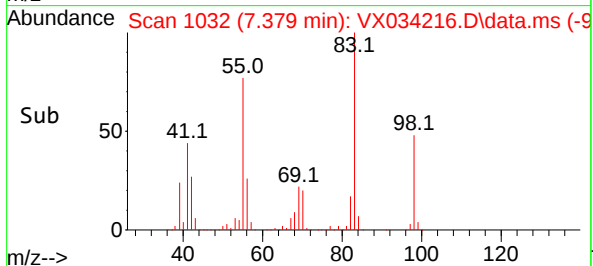
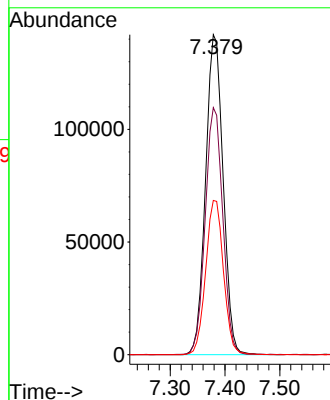
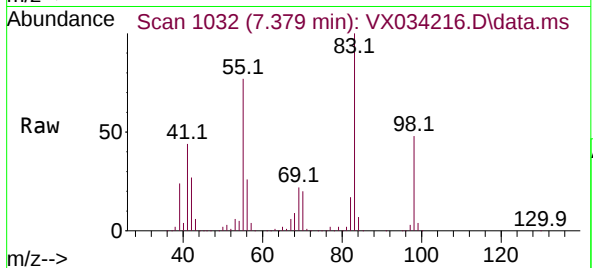
Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.8	92.6
98	48.2	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 49.224 ug/l

RT: 6.037 min Scan# 812

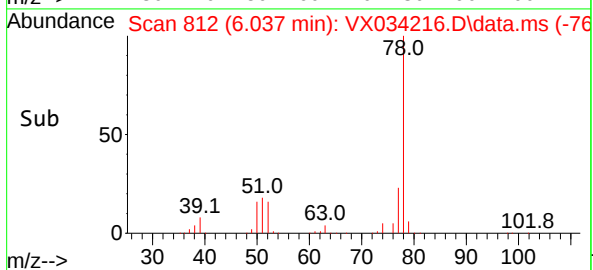
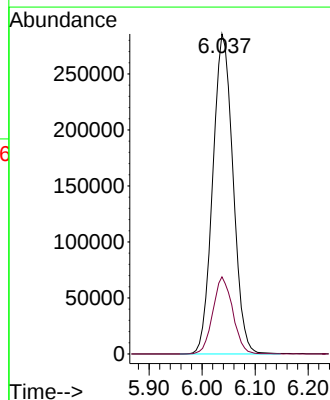
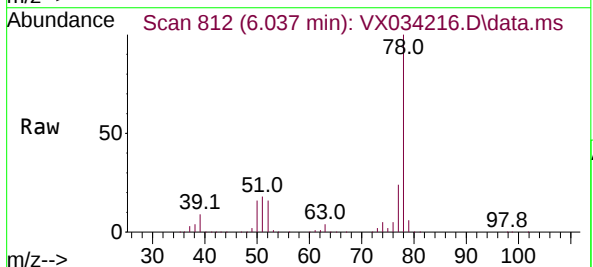
Delta R.T. 0.000 min

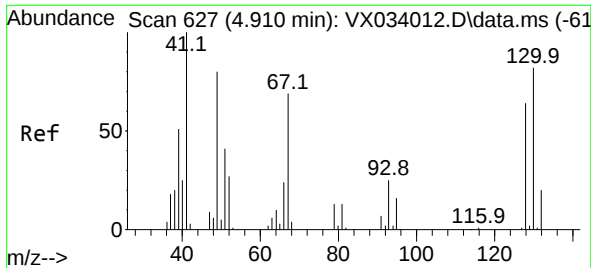
Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Tgt Ion: 78 Resp: 758295

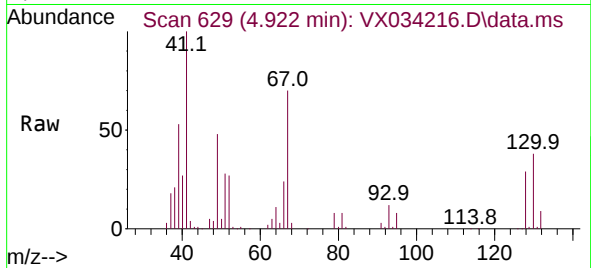
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#41
Methacrylonitrile
Concen: 50.722 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

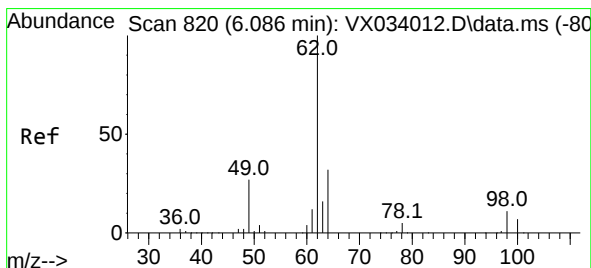
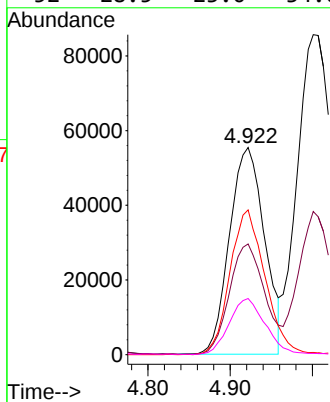
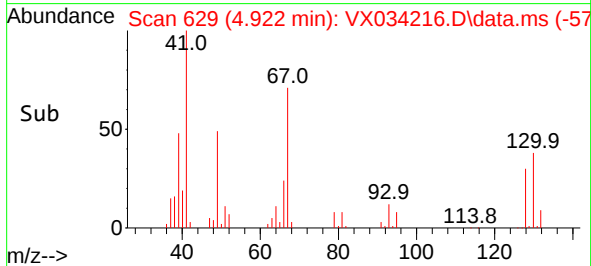
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050EC



Tgt Ion: 41 Resp: 164179
Ion Ratio Lower Upper
41 100
39 54.7 43.8 65.6
67 70.6 54.8 82.2
52 28.5 23.0 34.6

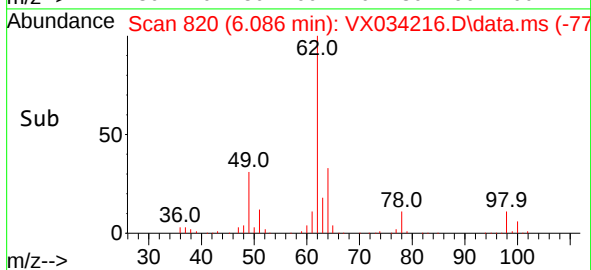
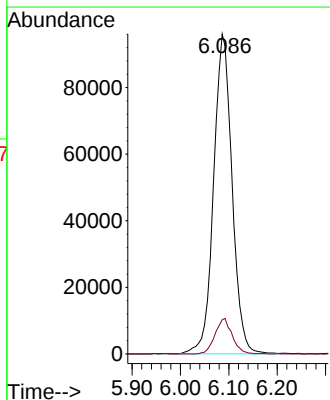
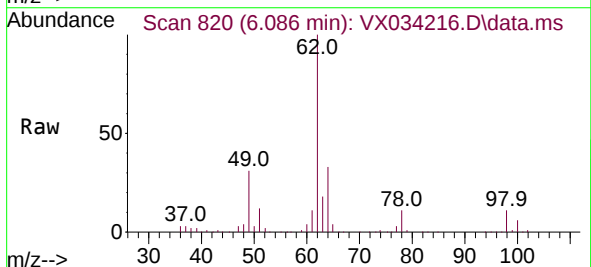
Manual Integrations
APPROVED

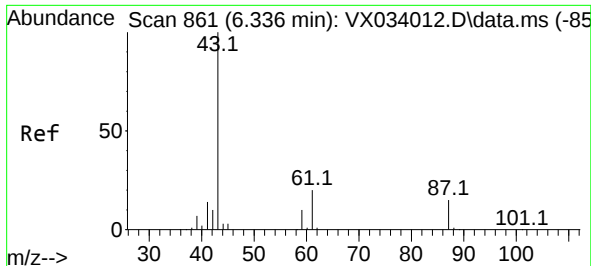
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 46.974 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

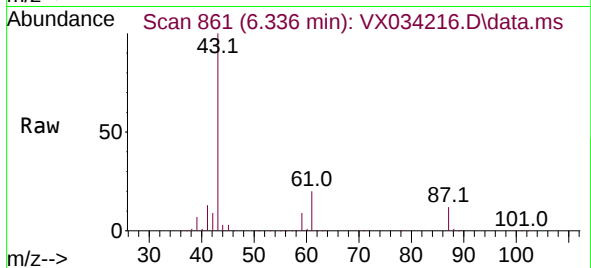
Tgt Ion: 62 Resp: 254507
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43
Isopropyl Acetate
Concen: 49.594 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

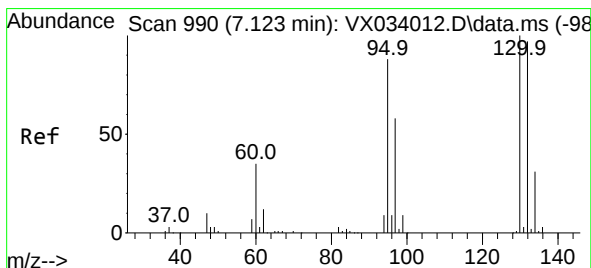
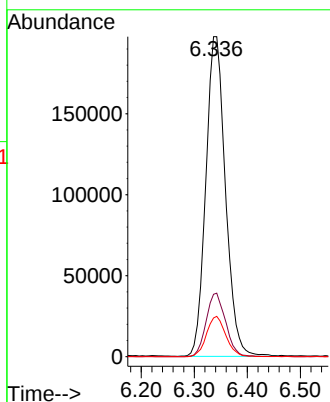
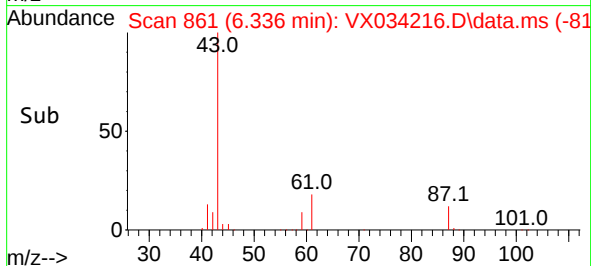
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 508438
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5
87 12.4 10.6 15.8

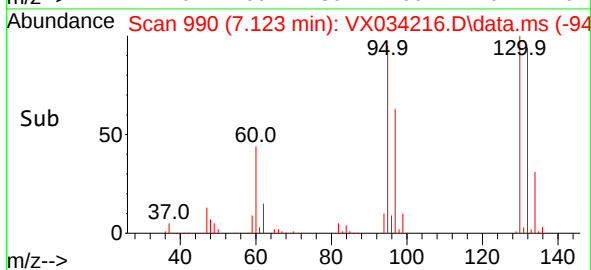
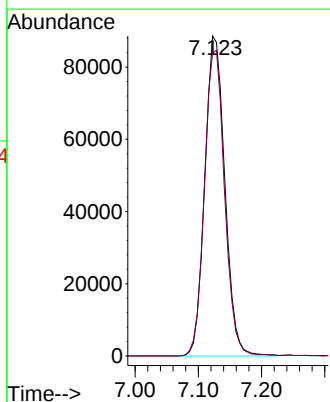
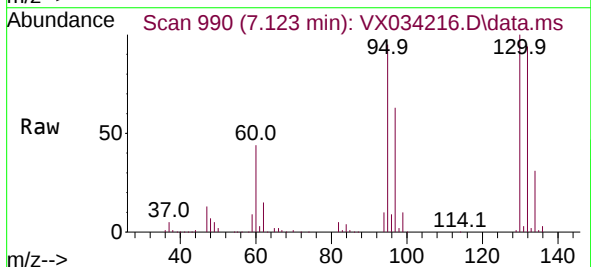
Manual Integrations
APPROVED

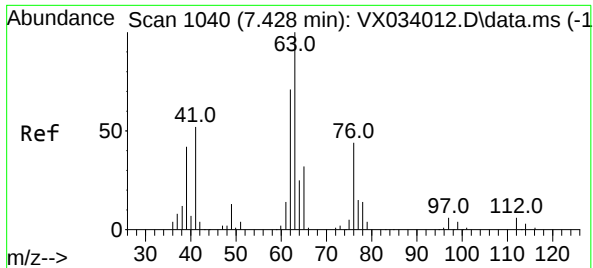
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#44
Trichloroethene
Concen: 49.326 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

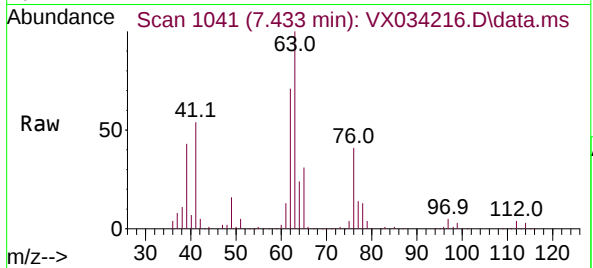
Tgt Ion:130 Resp: 195000
Ion Ratio Lower Upper
130 100
95 94.7 0.0 182.6





#45
1,2-Dichloropropane
Concen: 49.848 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

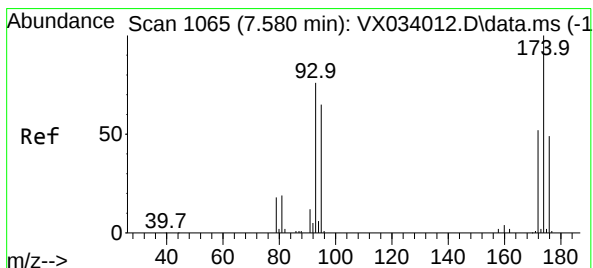
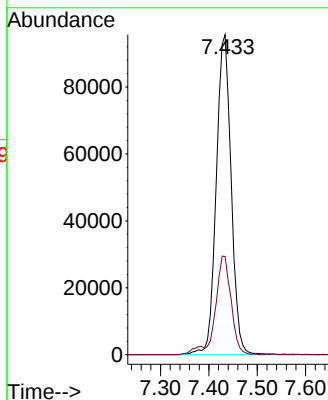
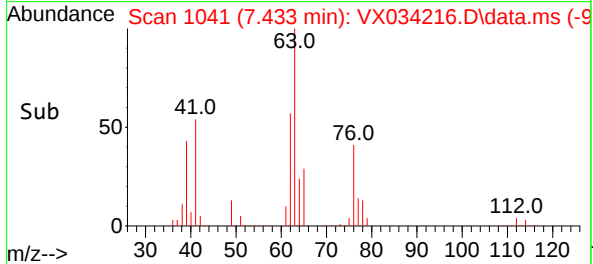
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 204425
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.2

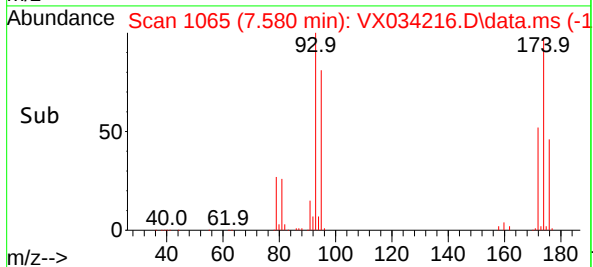
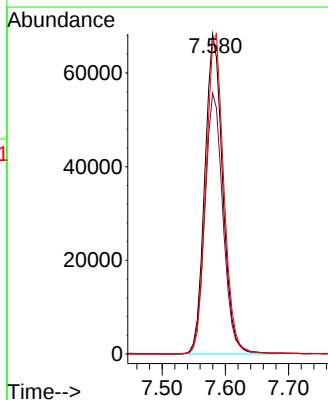
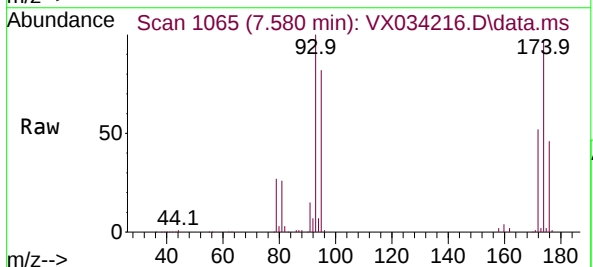
Manual Integrations
APPROVED

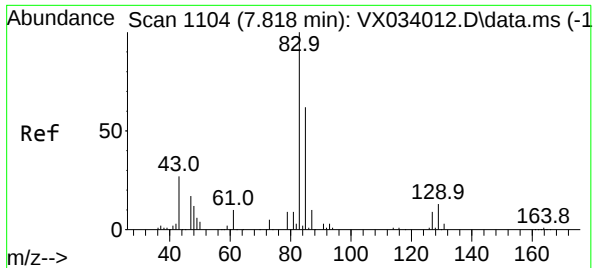
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#46
Dibromomethane
Concen: 49.904 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

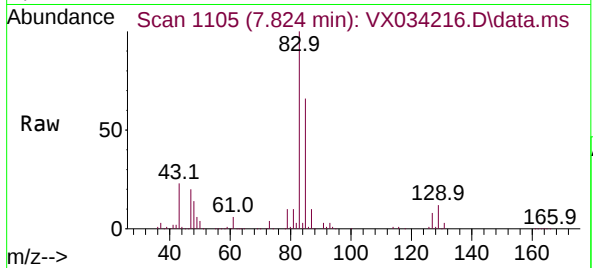
Tgt Ion: 93 Resp: 134686
Ion Ratio Lower Upper
93 100
95 82.7 67.6 101.4
174 99.8 97.4 146.0





#47
Bromodichloromethane
Concen: 48.083 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

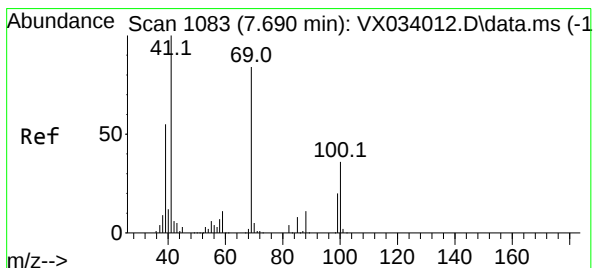
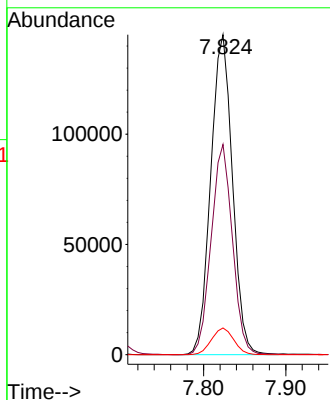
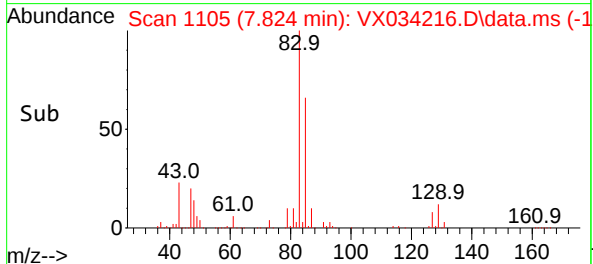
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 266320
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.6
127 8.4 7.0 10.4

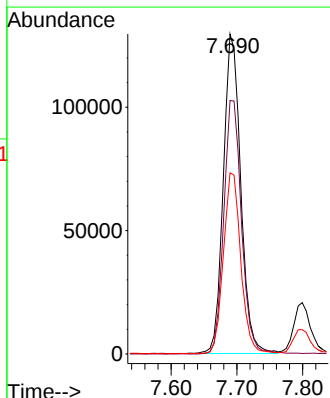
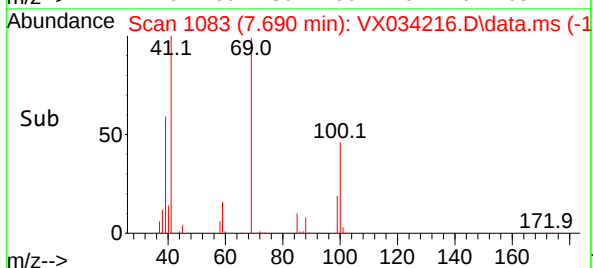
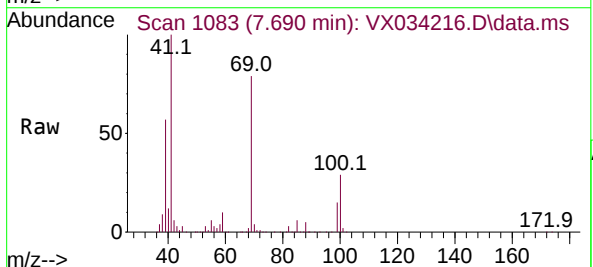
Manual Integrations
APPROVED

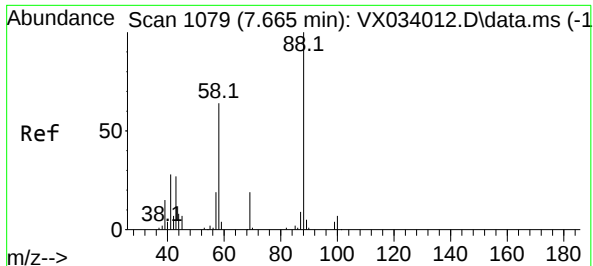
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 49.055 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Tgt Ion: 41 Resp: 238700
Ion Ratio Lower Upper
41 100
69 81.2 63.1 94.7
39 56.6 43.2 64.8





#49

1,4-Dioxane

Concen: 984.218 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

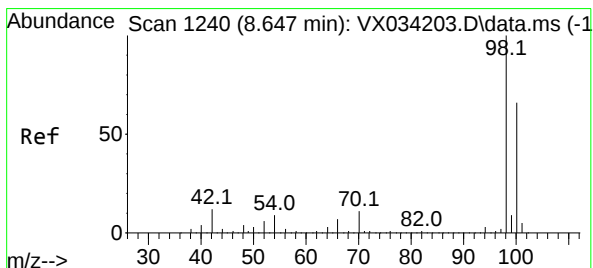
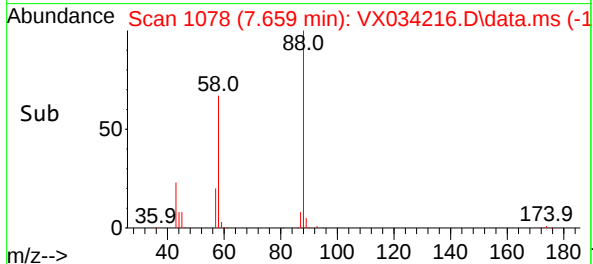
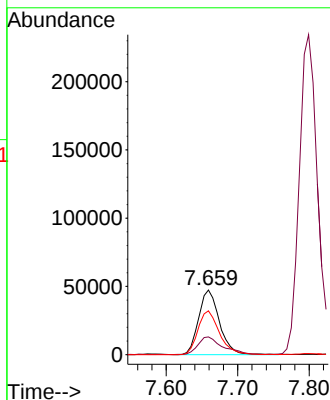
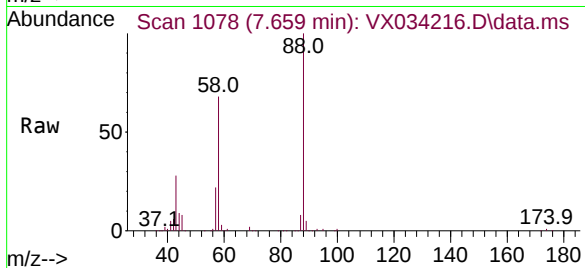
Tgt Ion: 88 Resp: 95529
 Ion Ratio Lower Upper
 88 100
 43 32.1 0.0 0.0
 58 69.9 56.5 84.7

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 52.068 ug/l

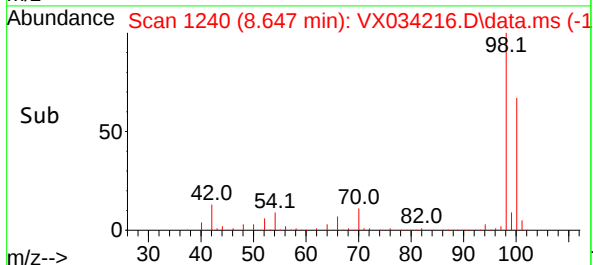
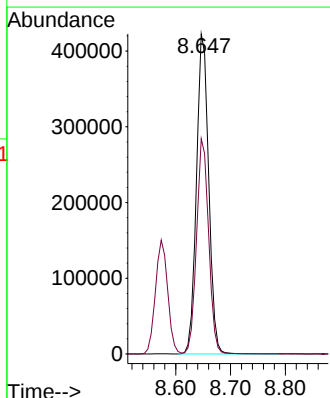
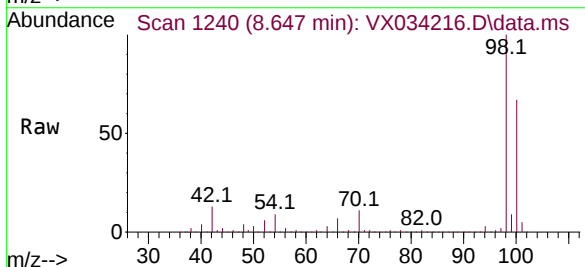
RT: 8.647 min Scan# 1240

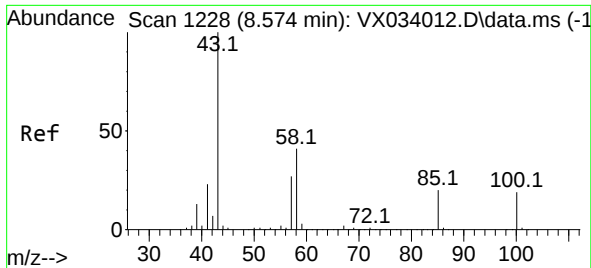
Delta R.T. 0.000 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Tgt Ion: 98 Resp: 657101
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.6 80.4





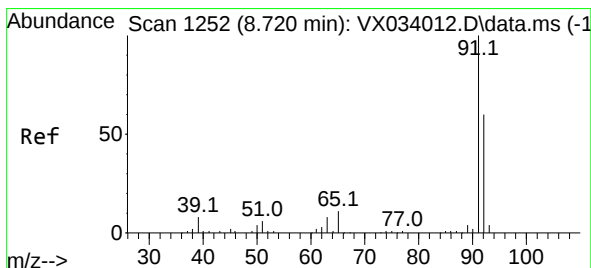
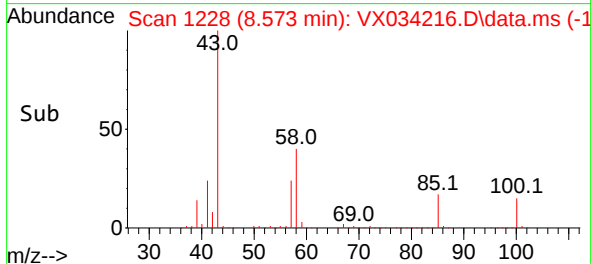
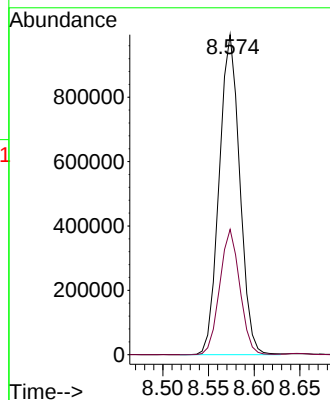
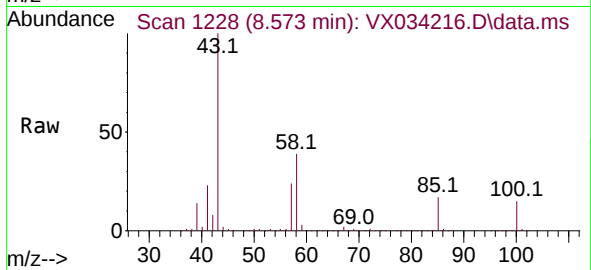
#51
4-Methyl-2-Pentanone
Concen: 275.816 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 155572
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8

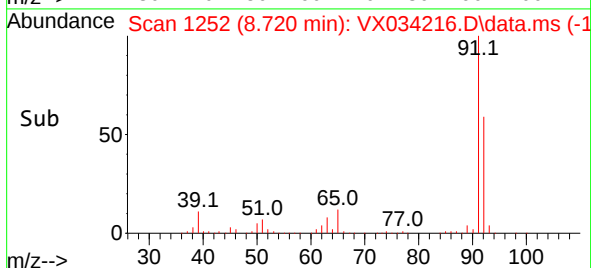
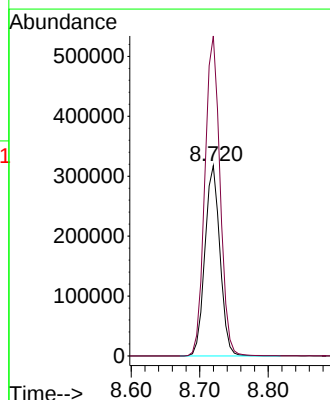
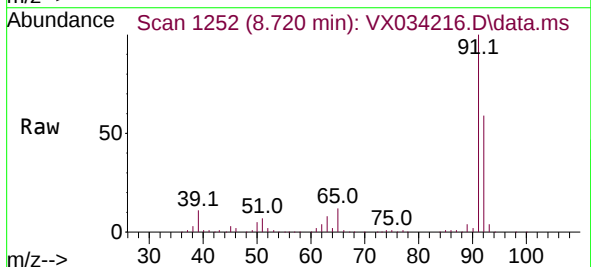
Manual Integrations
APPROVED

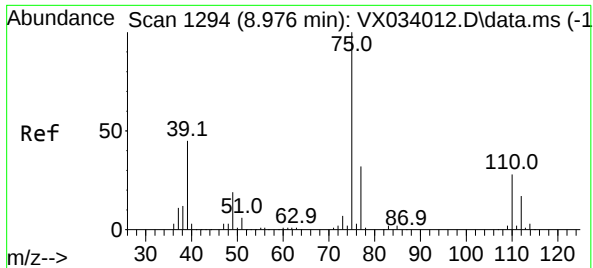
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#52
Toluene
Concen: 52.095 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Tgt Ion: 92 Resp: 486271
Ion Ratio Lower Upper
92 100
91 169.8 135.5 203.3





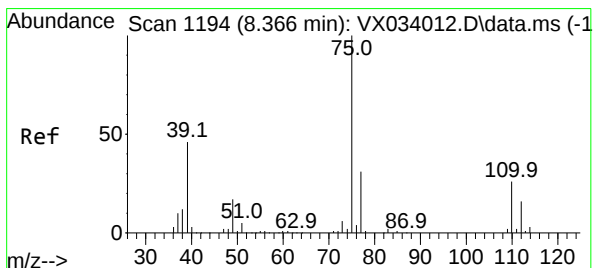
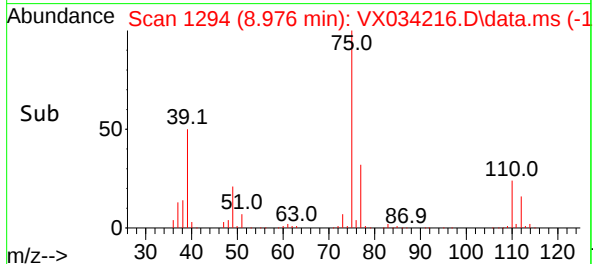
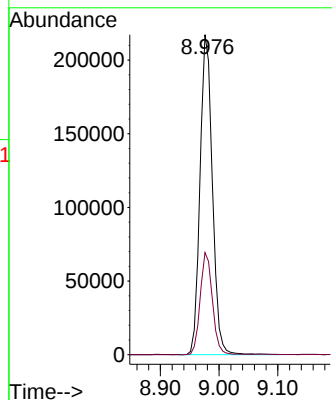
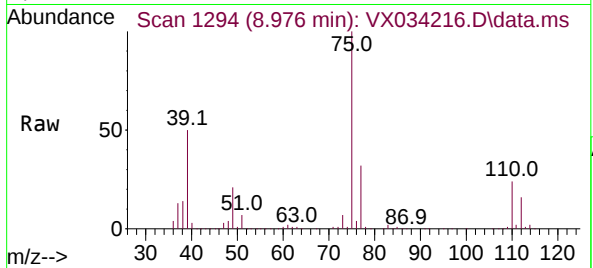
#53
t-1,3-Dichloropropene
Concen: 49.687 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 316779
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3

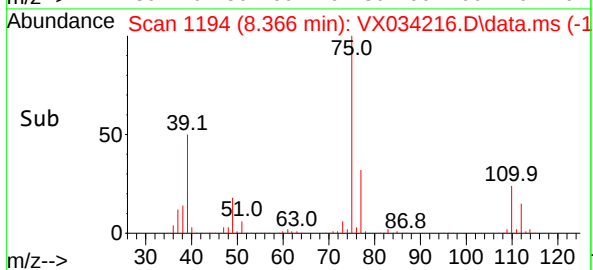
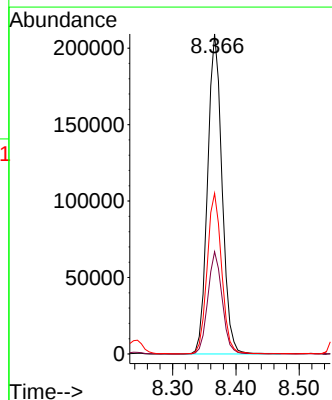
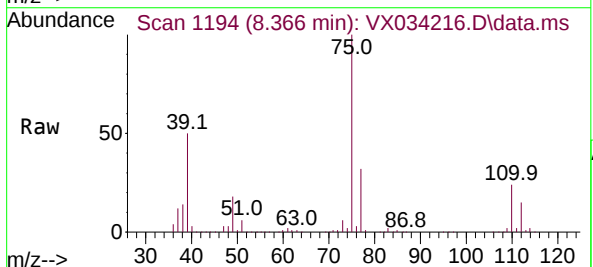
Manual Integrations
APPROVED

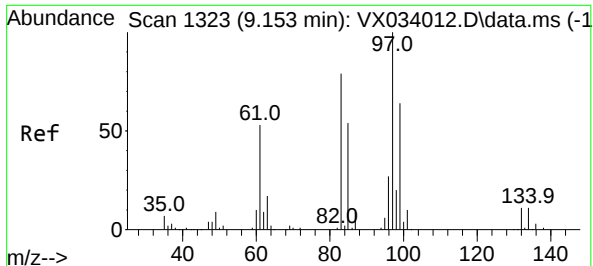
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#54
cis-1,3-Dichloropropene
Concen: 48.855 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Tgt Ion: 75 Resp: 333449
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.6
39 50.1 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 52.911 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 19935

Ion Ratio Lower Upper

97 100

83 84.1 67.4 101.0

85 53.2 43.2 64.8

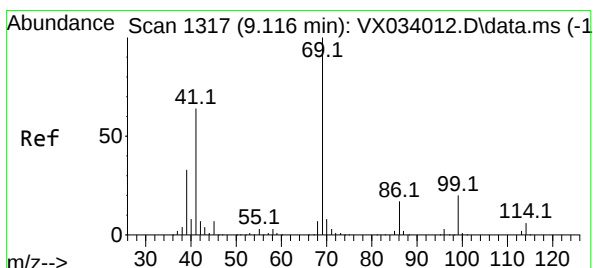
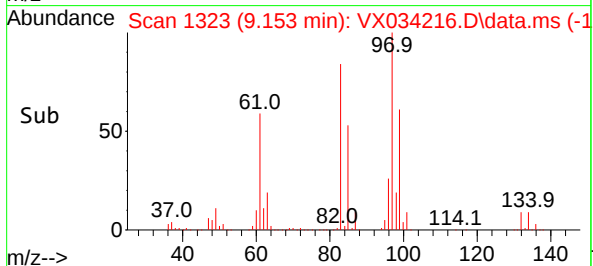
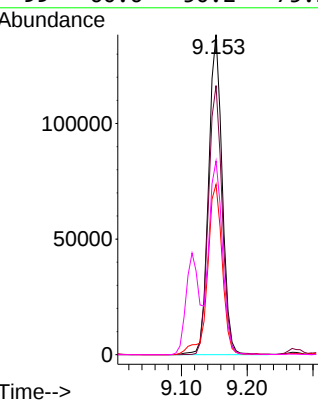
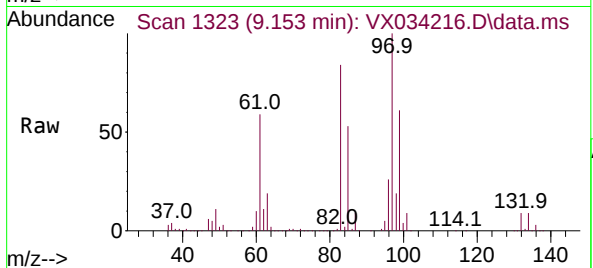
99 60.6 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#56

Ethyl methacrylate

Concen: 52.363 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

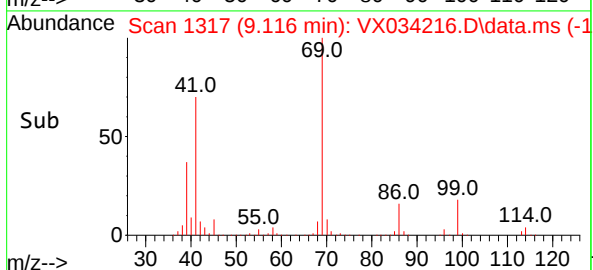
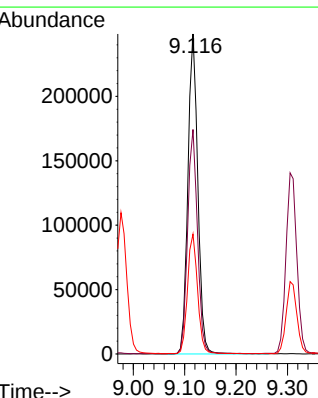
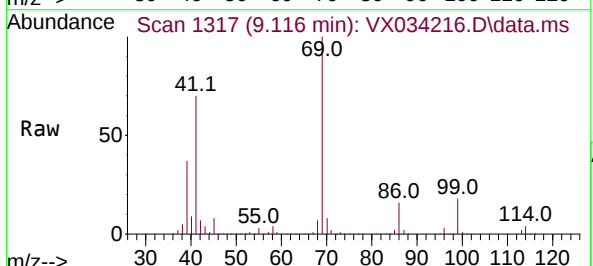
Tgt Ion: 69 Resp: 333746

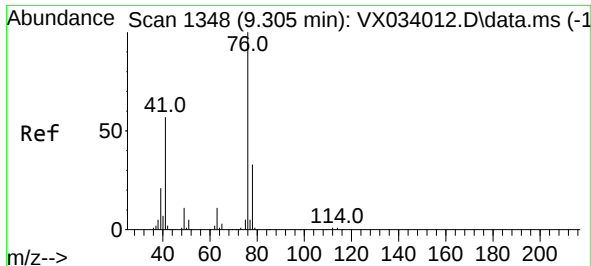
Ion Ratio Lower Upper

69 100

41 69.8 55.1 82.7

39 37.9 28.5 42.7





#57

1,3-Dichloropropane

Concen: 51.794 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 339524

Ion Ratio Lower Upper

76 100

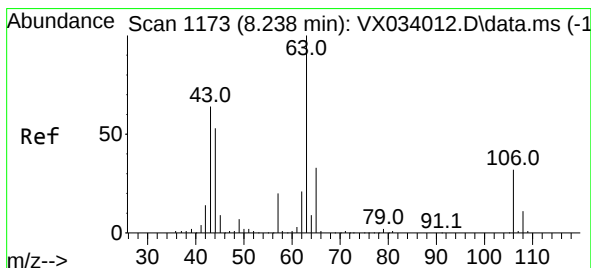
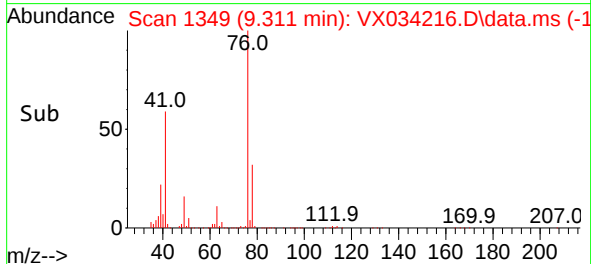
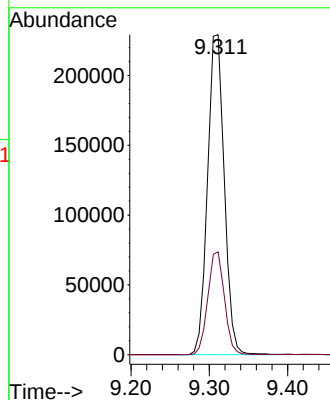
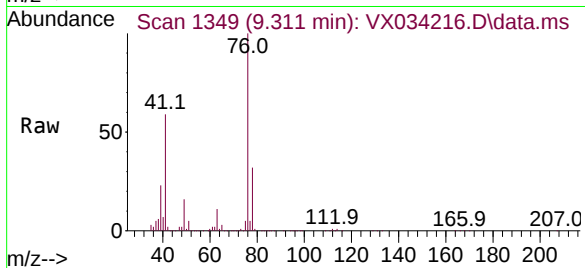
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.848 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034216.D

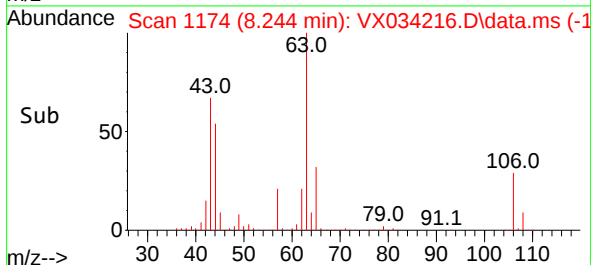
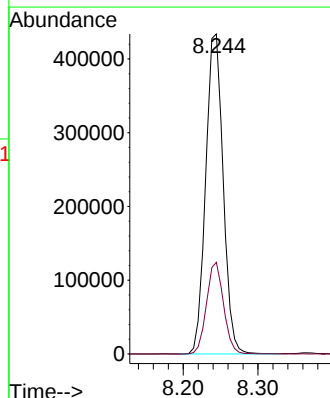
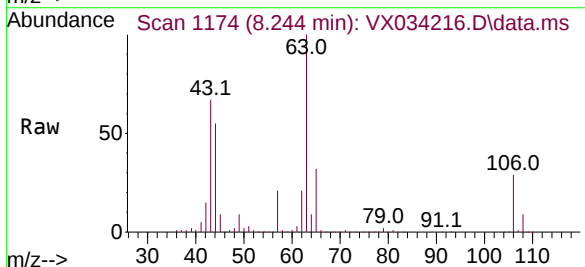
Acq: 21 Feb 2023 17:51

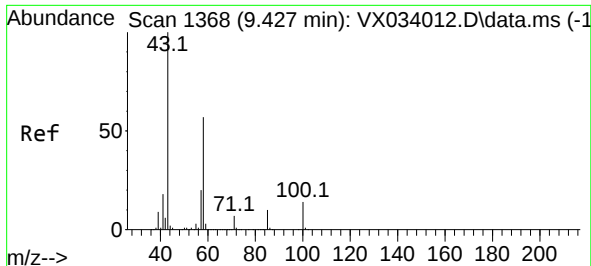
Tgt Ion: 63 Resp: 703646

Ion Ratio Lower Upper

63 100

106 27.9 24.5 36.7





#59

2-Hexanone

Concen: 276.539 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 118873

Ion Ratio Lower Upper

43 100

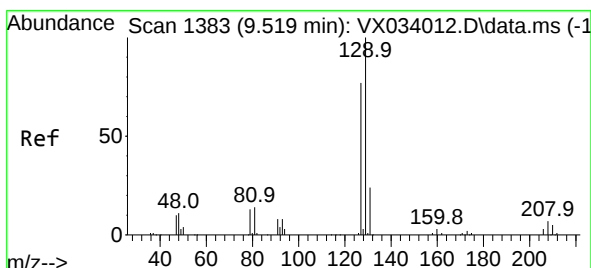
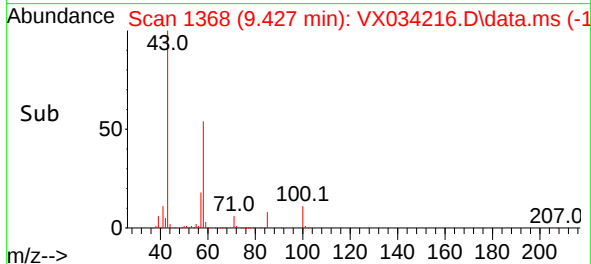
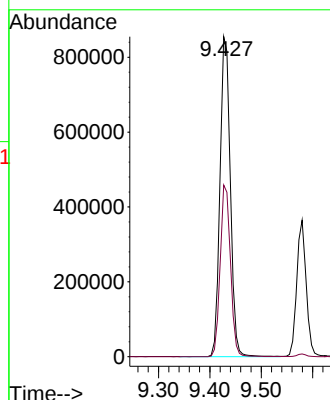
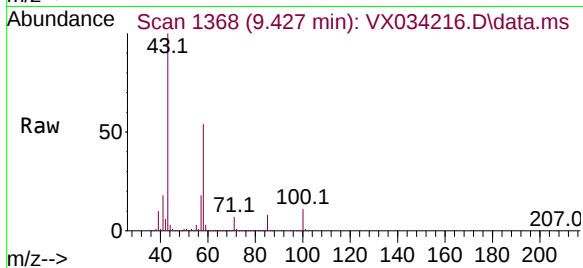
58 53.4 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#60

Dibromochloromethane

Concen: 52.123 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034216.D

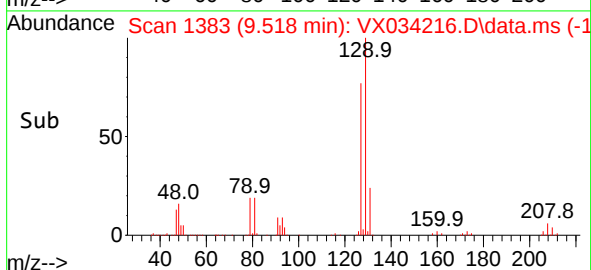
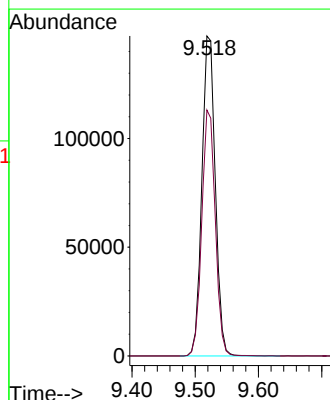
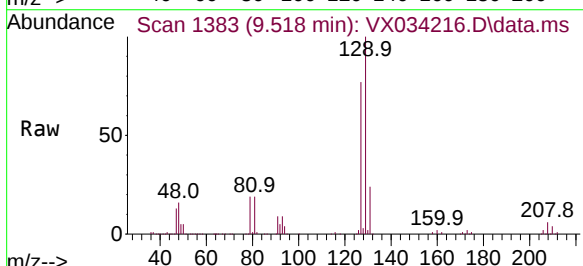
Acq: 21 Feb 2023 17:51

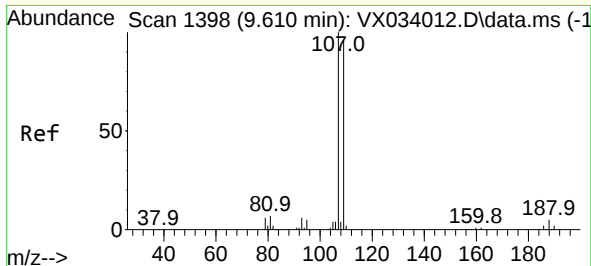
Tgt Ion:129 Resp: 216994

Ion Ratio Lower Upper

129 100

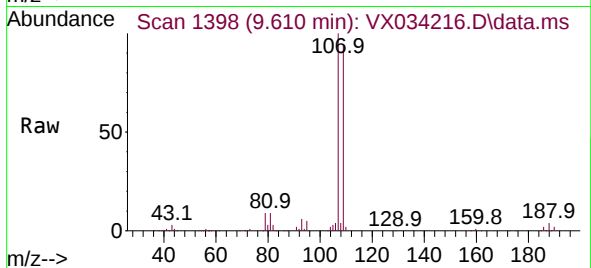
127 77.5 38.8 116.3





#61
1,2-Dibromoethane
Concen: 52.323 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

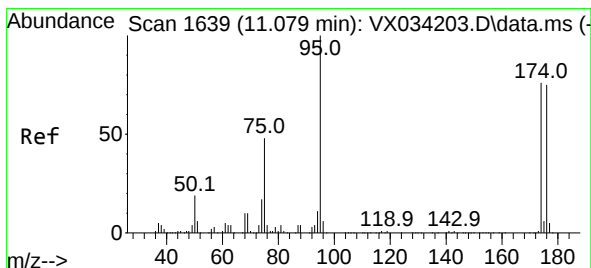
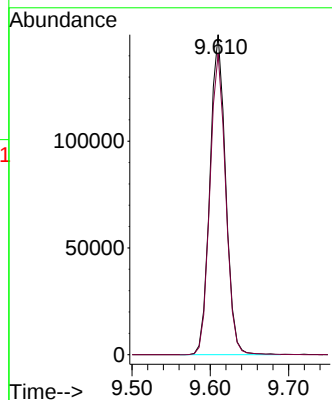
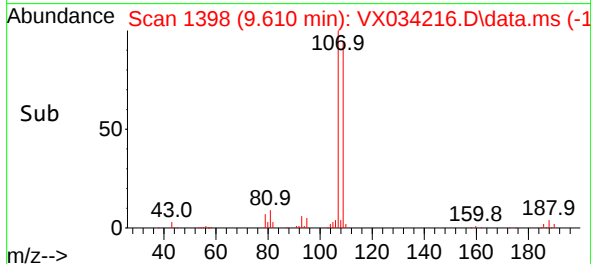
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



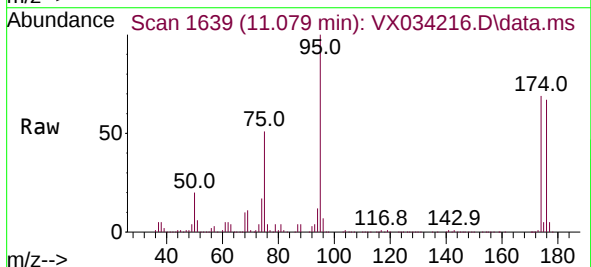
Tgt Ion:107 Resp: 208492
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.2

Manual Integrations
APPROVED

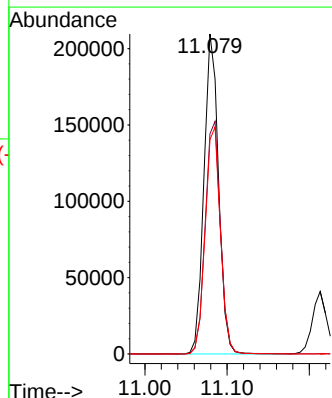
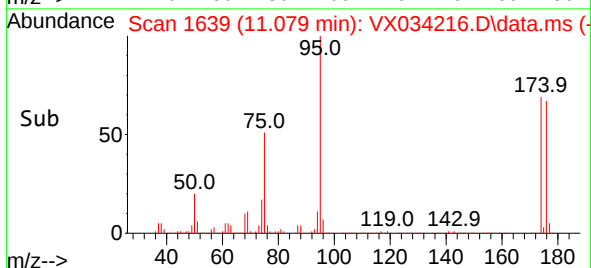
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

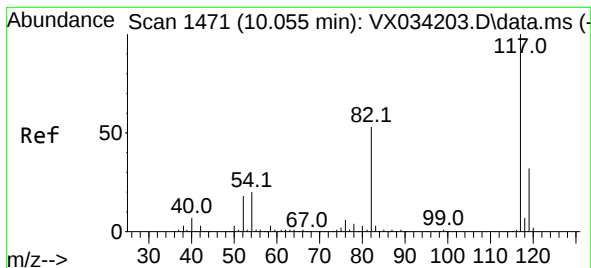


#62
4-Bromofluorobenzene
Concen: 53.559 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



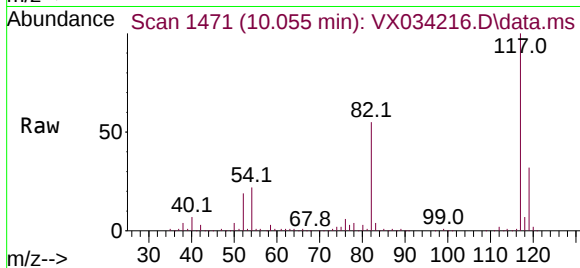
Tgt Ion: 95 Resp: 258540
Ion Ratio Lower Upper
95 100
174 75.7 0.0 184.4
176 73.9 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

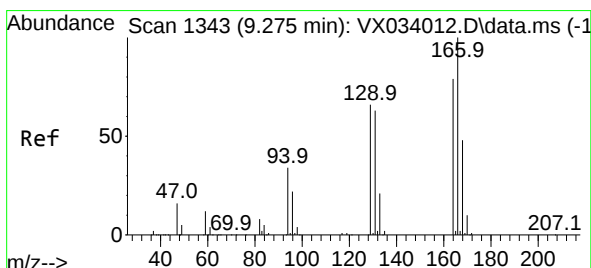
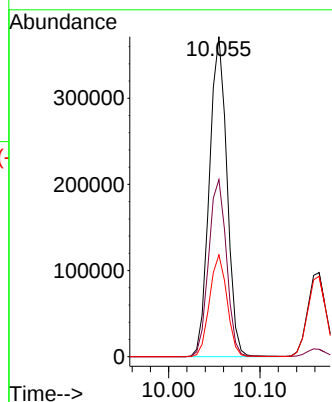
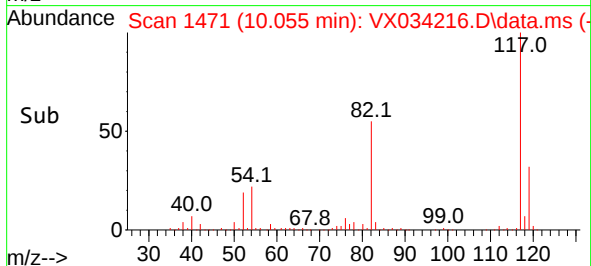
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



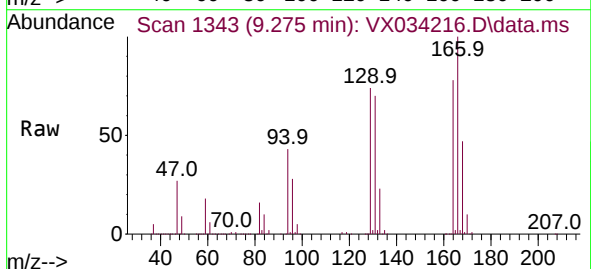
Tgt Ion:117 Resp: 496290
Ion Ratio Lower Upper
117 100
82 55.3 40.6 60.8
119 31.8 25.6 38.4

Manual Integrations
APPROVED

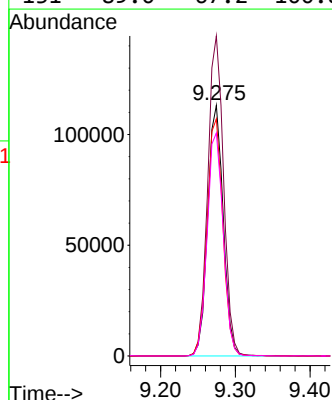
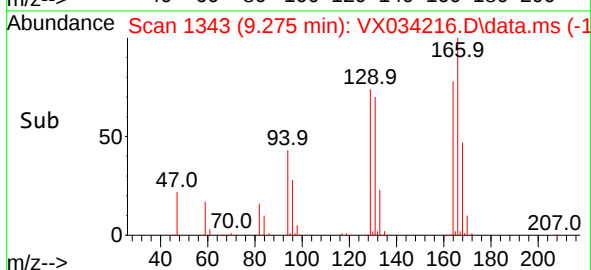
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

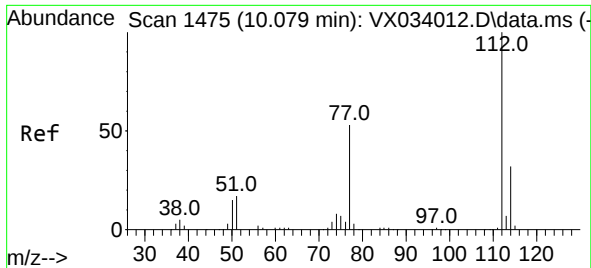


#64
Tetrachloroethene
Concen: 46.730 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



Tgt Ion:164 Resp: 163685
Ion Ratio Lower Upper
164 100
166 127.7 100.2 150.2
129 94.6 69.2 103.8
131 89.0 67.2 100.8





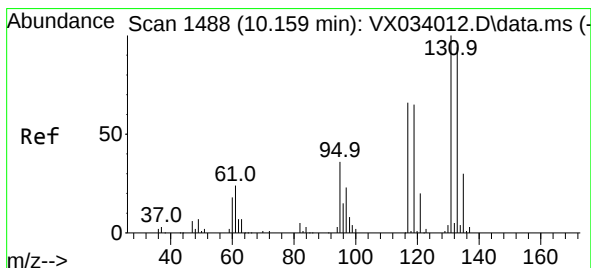
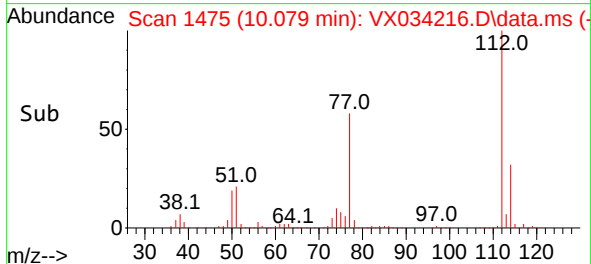
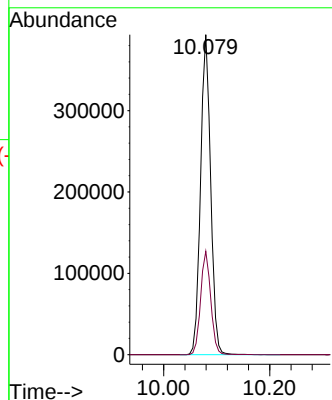
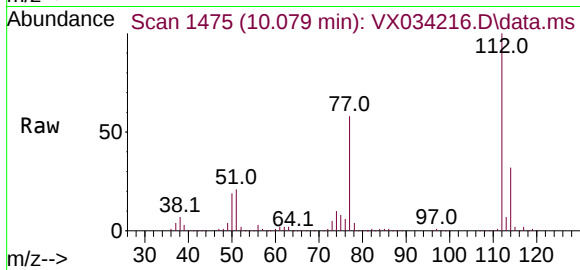
#65
Chlorobenzene
Concen: 50.297 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 52034
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4

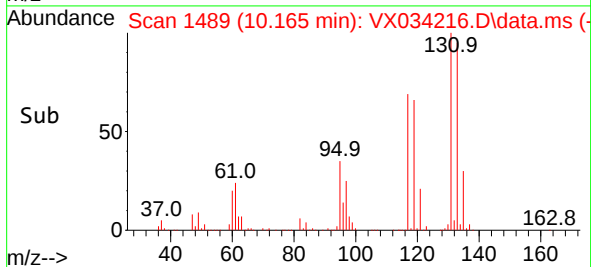
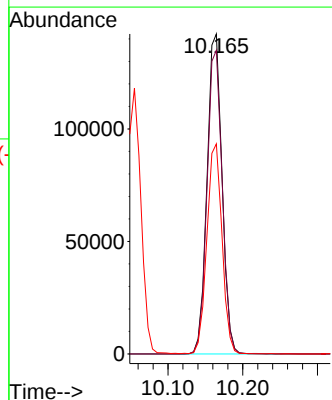
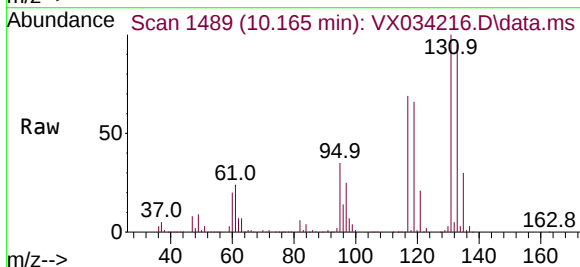
Manual Integrations
APPROVED

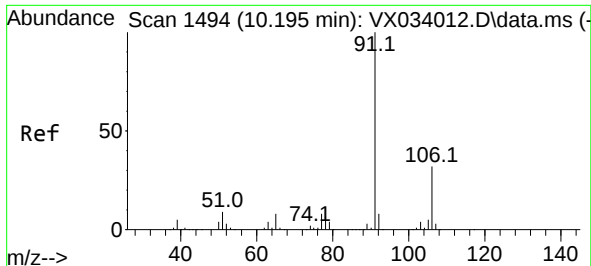
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.410 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Tgt Ion:131 Resp: 197882
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 66.3 31.9 95.7





#67

Ethyl Benzene

Concen: 50.093 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034216.D

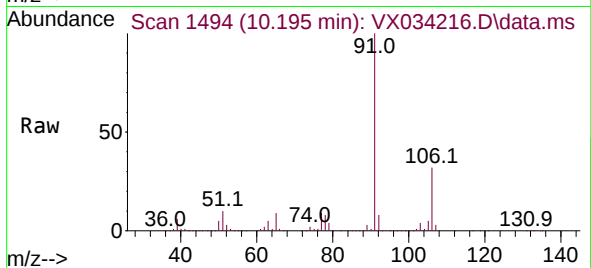
Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 93101

Ion Ratio Lower Upper

91 100

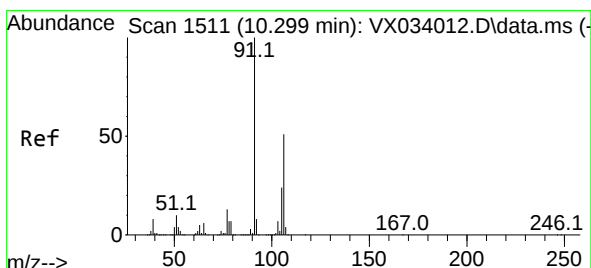
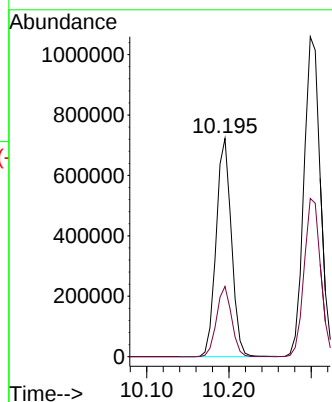
106 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#68

m/p-Xylenes

Concen: 102.706 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034216.D

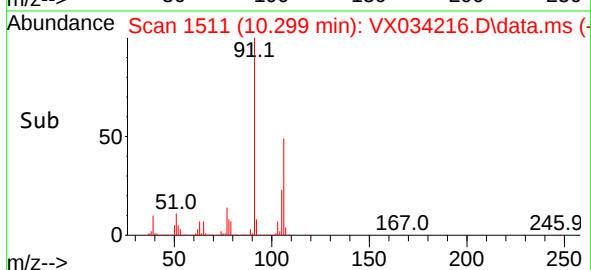
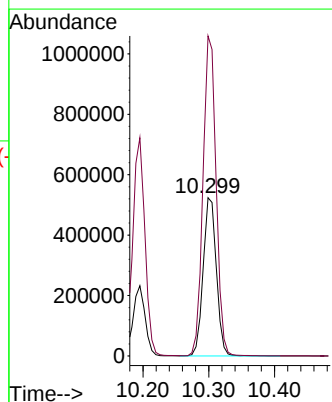
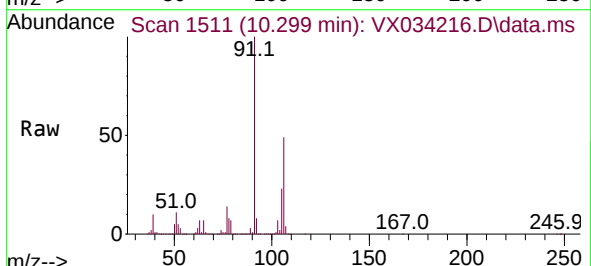
Acq: 21 Feb 2023 17:51

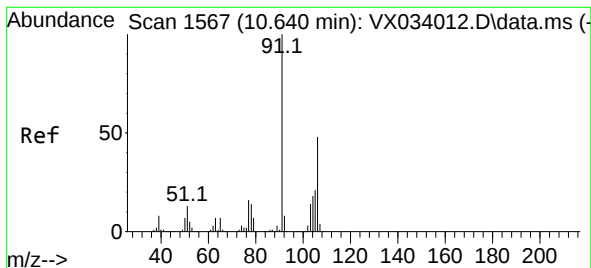
Tgt Ion:106 Resp: 730500

Ion Ratio Lower Upper

106 100

91 201.0 156.4 234.6





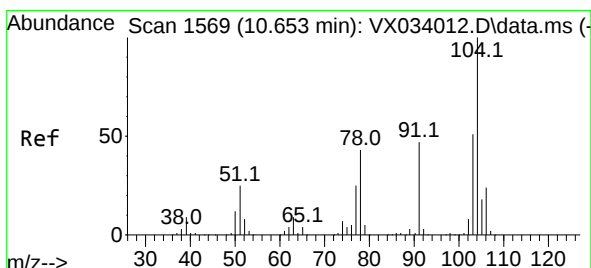
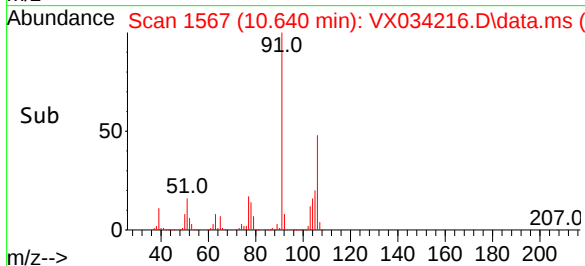
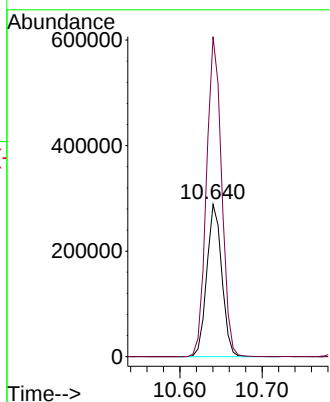
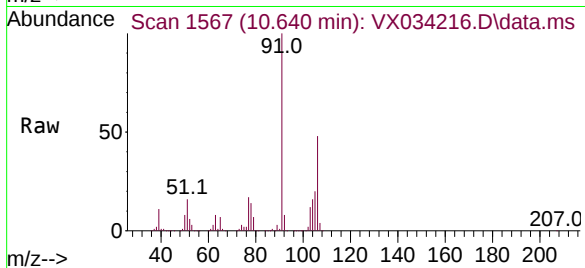
#69
o-Xylene
Concen: 51.647 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 36570
Ion Ratio Lower Upper
106 100
91 211.8 103.1 309.3

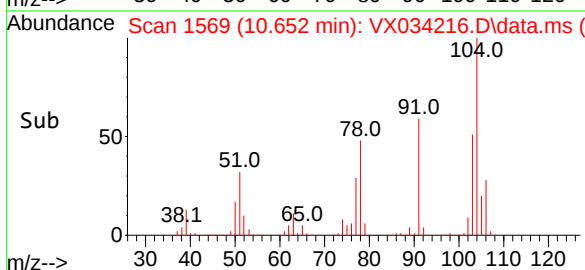
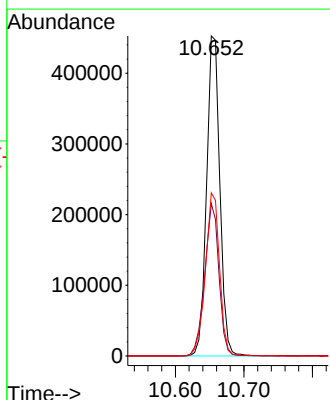
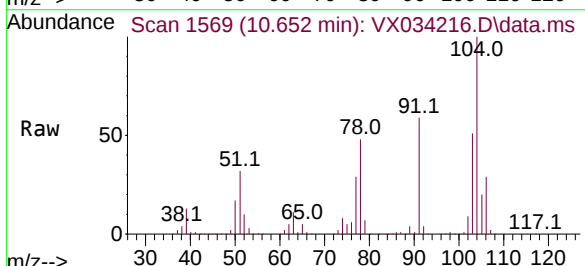
Manual Integrations
APPROVED

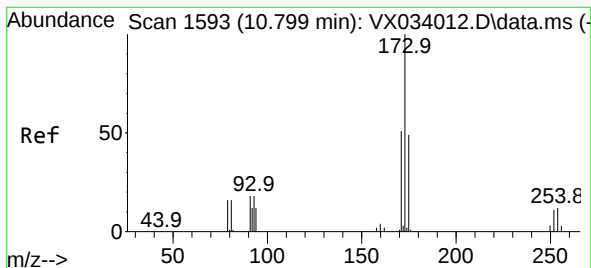
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 52.953 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

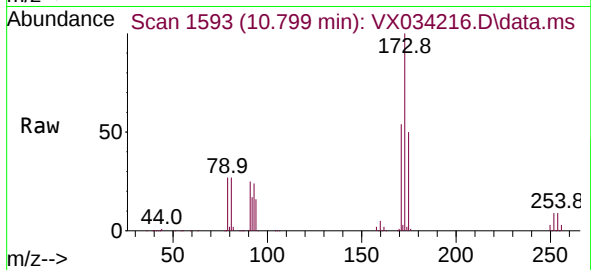
Tgt Ion:104 Resp: 609811
Ion Ratio Lower Upper
104 100
78 51.1 37.5 56.3
103 54.5 43.3 64.9





#71
Bromoform
Concen: 49.847 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

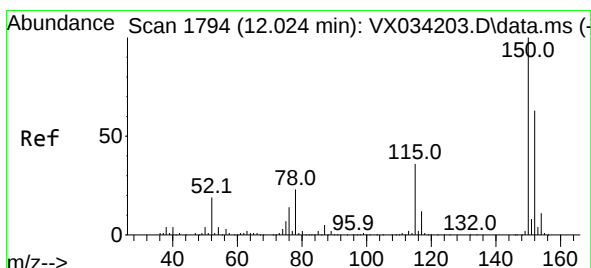
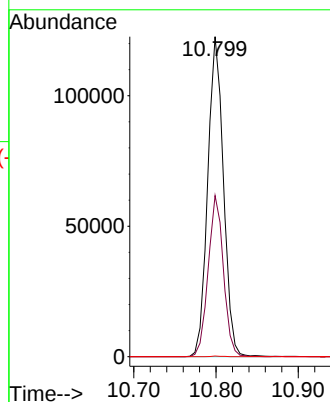
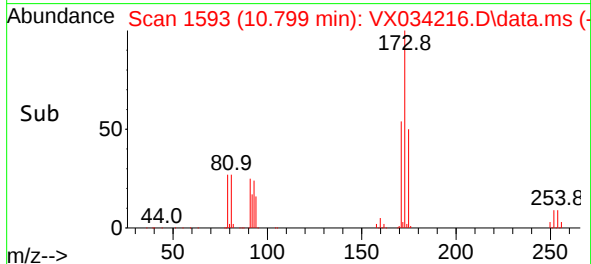
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



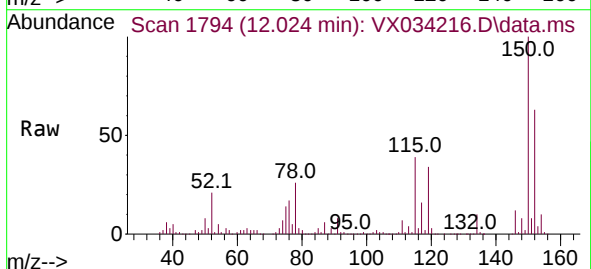
Tgt Ion:173 Resp: 16295
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

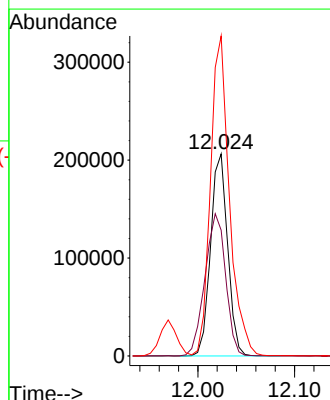
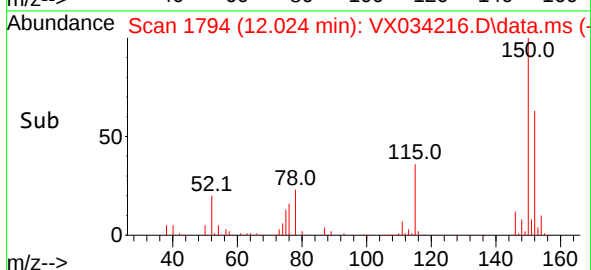
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

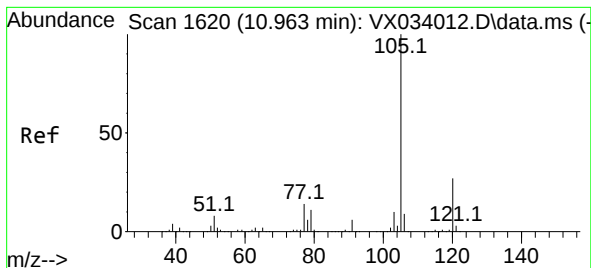


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



Tgt Ion:152 Resp: 252687
Ion Ratio Lower Upper
152 100
115 85.4 38.7 116.1
150 175.3 0.0 348.2





#73

Isopropylbenzene

Concen: 48.895 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 941624

Ion Ratio Lower Upper

105 100

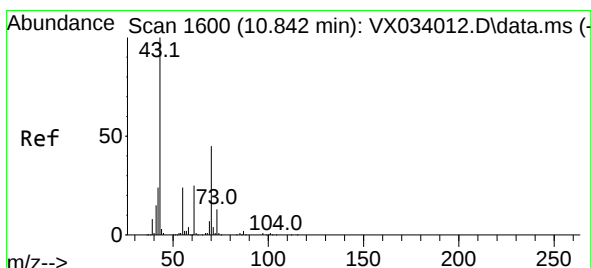
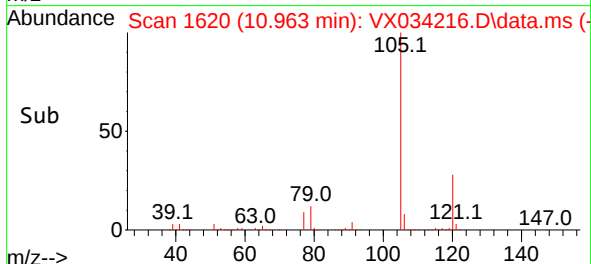
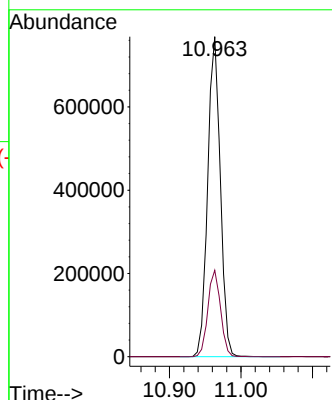
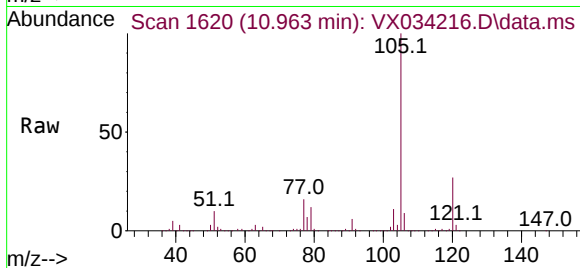
120 27.2 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#74

N-ethyl acetate

Concen: 49.241 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Tgt Ion: 43 Resp: 476403

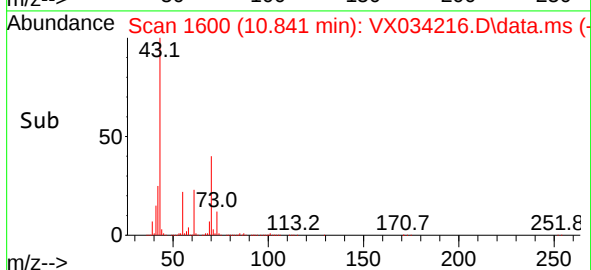
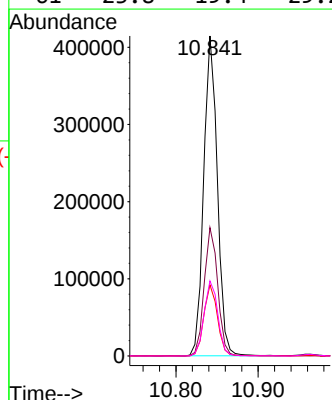
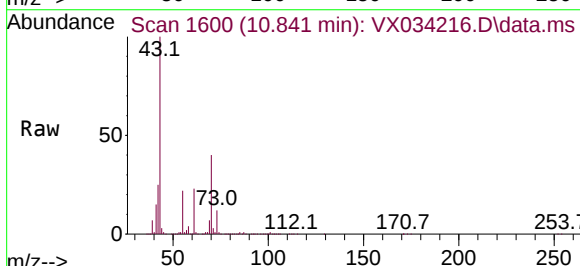
Ion Ratio Lower Upper

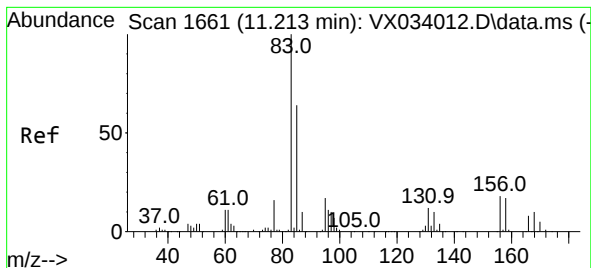
43 100

70 40.1 34.8 52.2

55 22.4 19.4 29.0

61 23.8 19.4 29.2





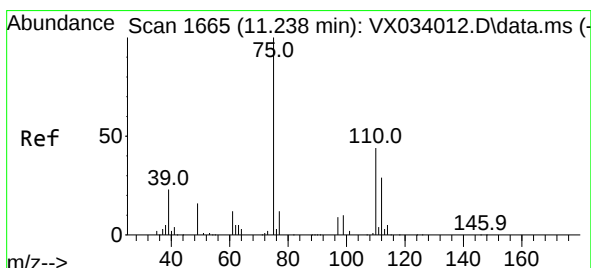
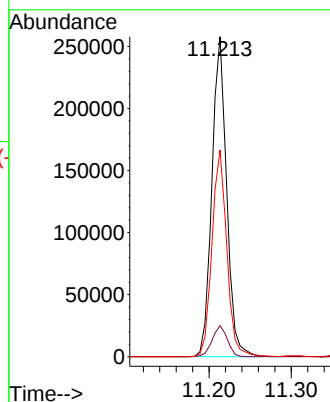
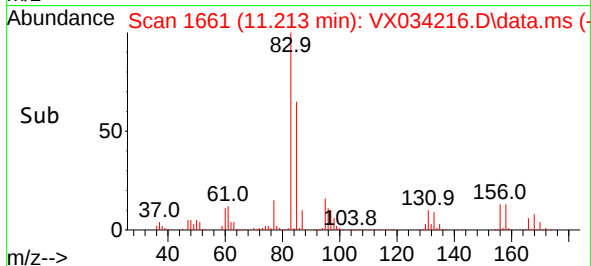
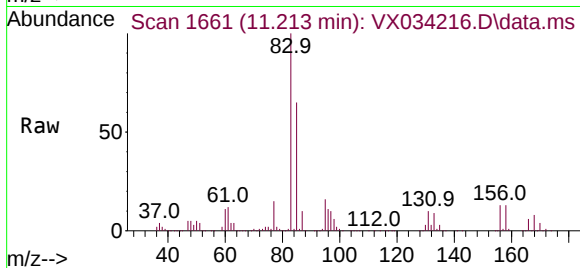
#75
1,1,2,2-Tetrachloroethane
Concen: 48.756 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 32114
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.7
85 65.1 32.3 96.9

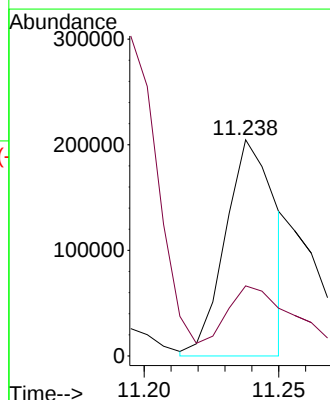
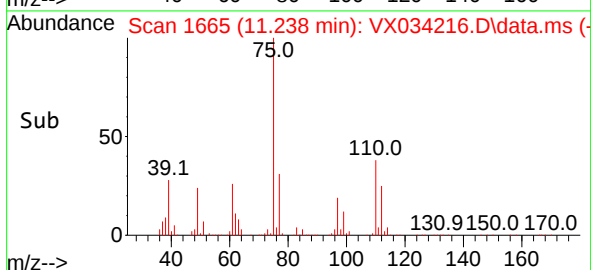
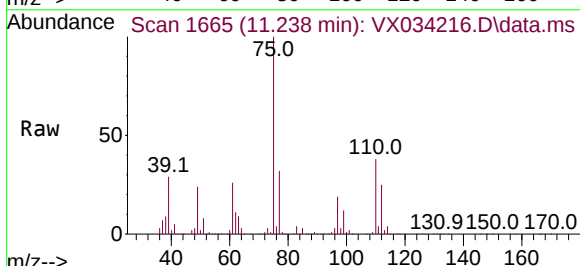
Manual Integrations
APPROVED

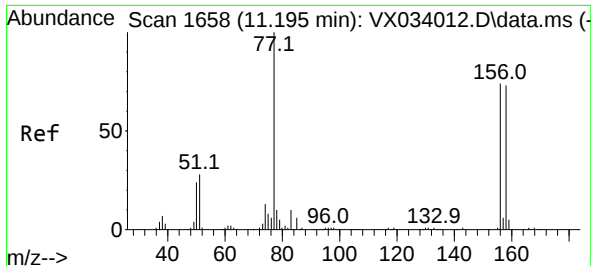
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#76
1,2,3-Trichloropropane
Concen: 41.361 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Tgt Ion: 75 Resp: 262986
Ion Ratio Lower Upper
75 100
77 46.0 21.8 65.4





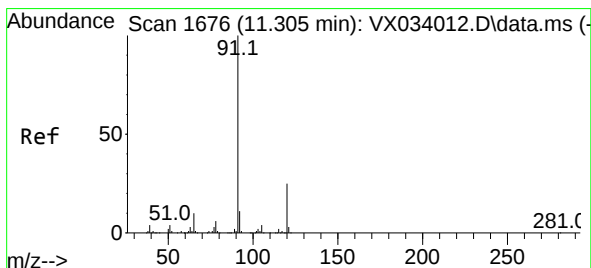
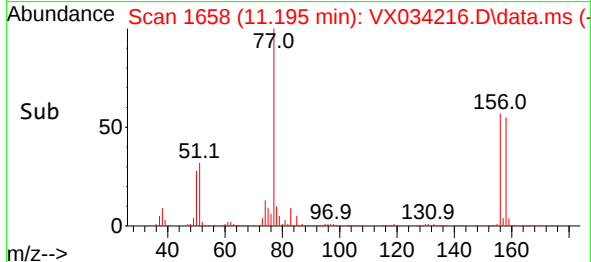
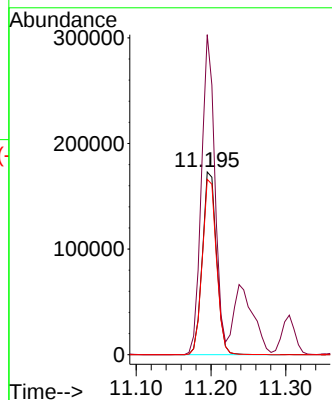
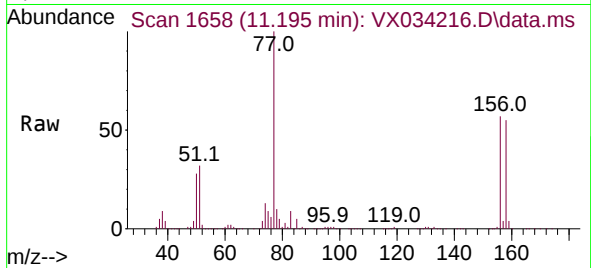
#77
Bromobenzene
Concen: 49.126 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 227669
Ion Ratio Lower Upper
156 100
77 166.3 68.1 204.3
158 96.4 48.0 144.2

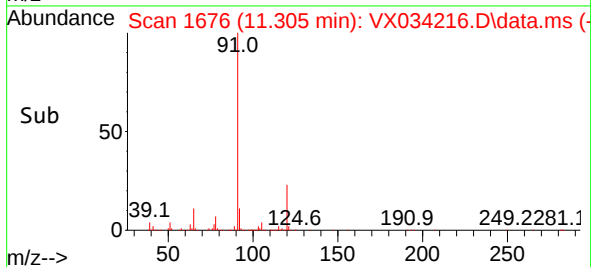
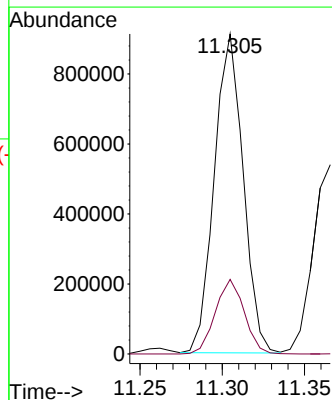
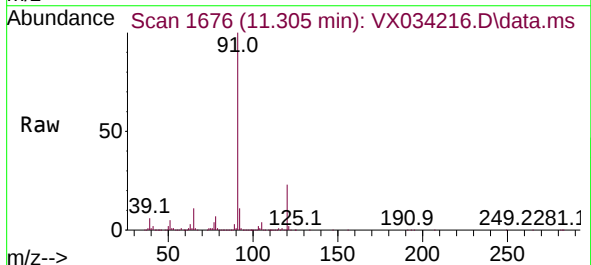
Manual Integrations
APPROVED

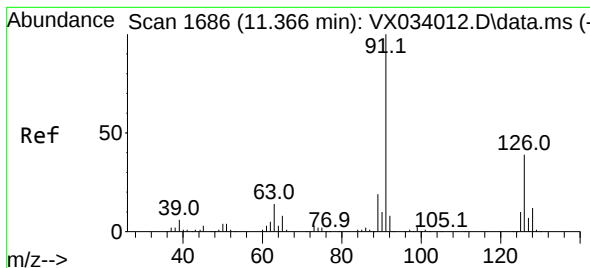
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#78
n-propylbenzene
Concen: 49.661 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Tgt Ion: 91 Resp: 1112275
Ion Ratio Lower Upper
91 100
120 23.5 12.3 36.8





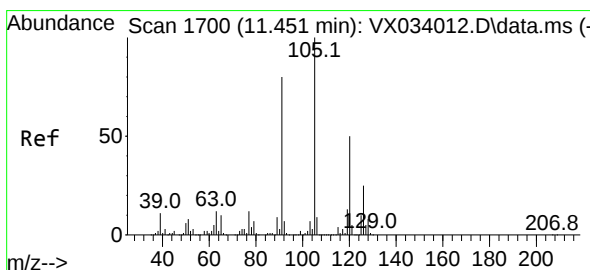
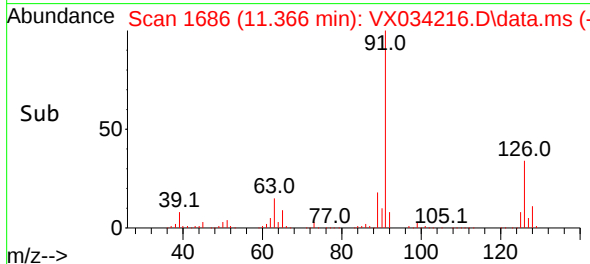
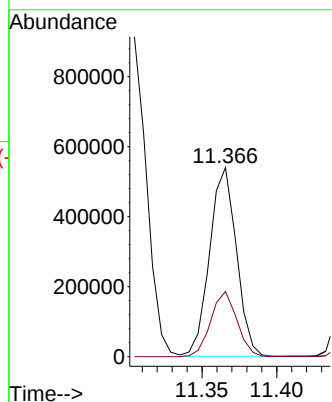
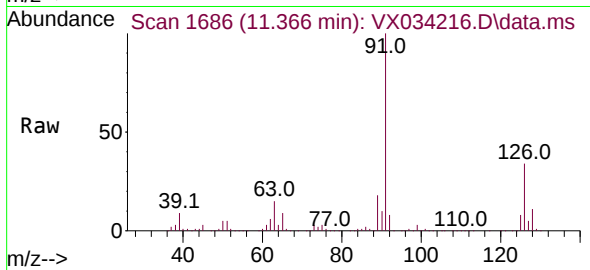
#79
2-Chlorotoluene
Concen: 48.990 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 672814
Ion Ratio Lower Upper
91 100
126 33.7 18.1 54.1

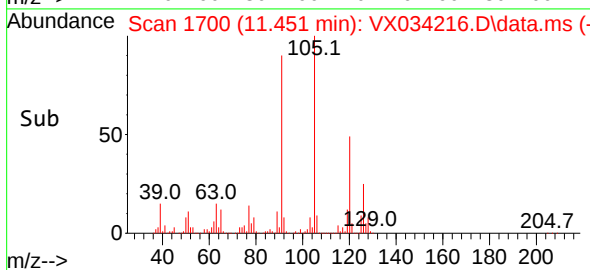
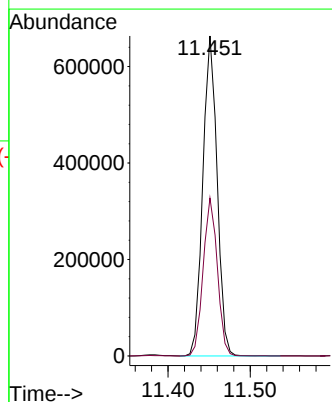
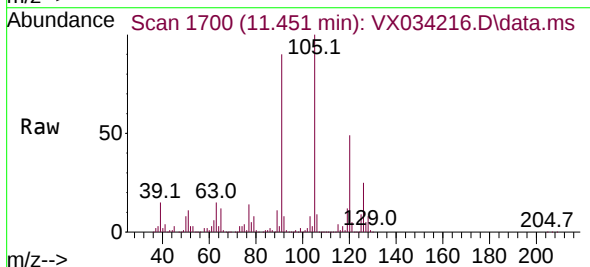
Manual Integrations
APPROVED

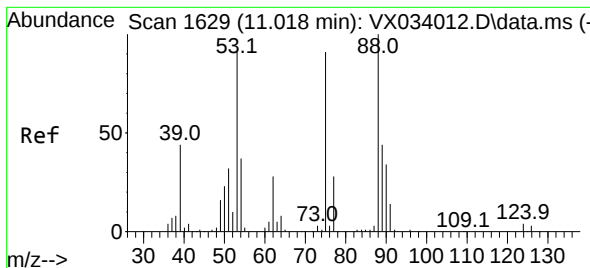
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.401 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

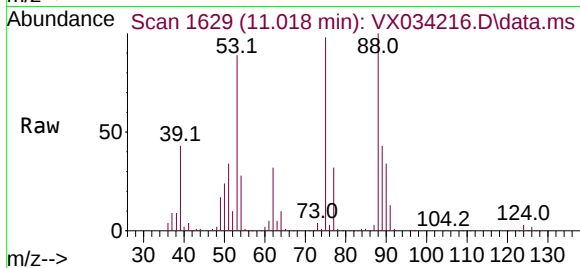
Tgt Ion:105 Resp: 799854
Ion Ratio Lower Upper
105 100
120 49.0 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.025 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

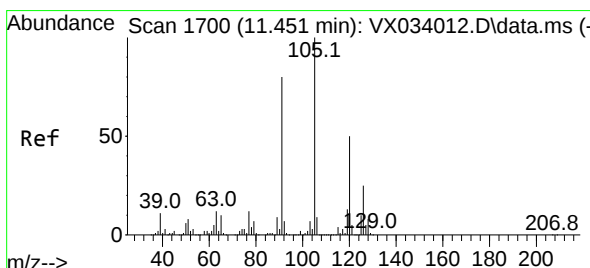
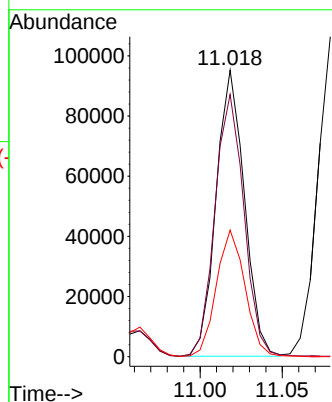
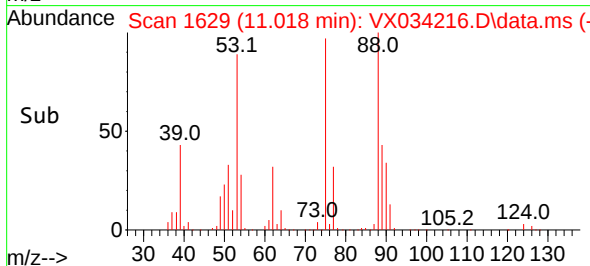
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



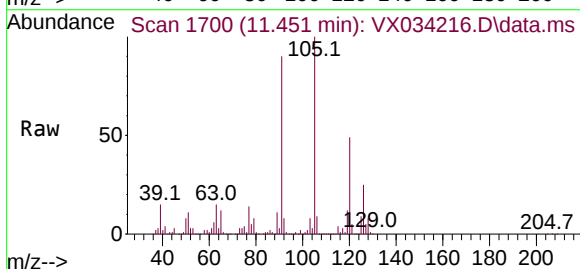
Tgt Ion: 75 Resp: 113910
Ion Ratio Lower Upper
75 100
53 94.0 83.0 124.6
89 44.9 37.7 56.5

Manual Integrations
APPROVED

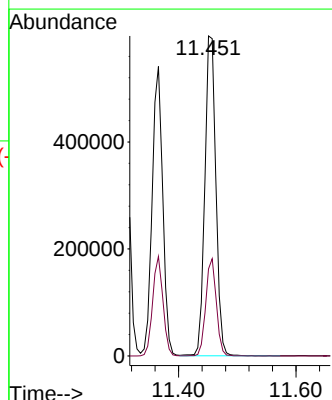
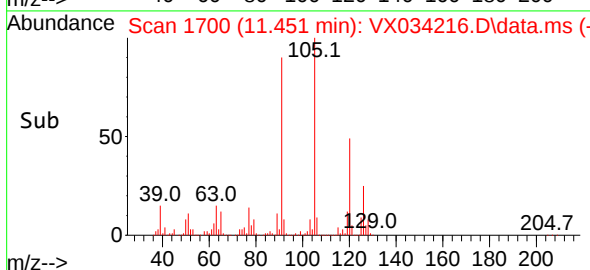
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

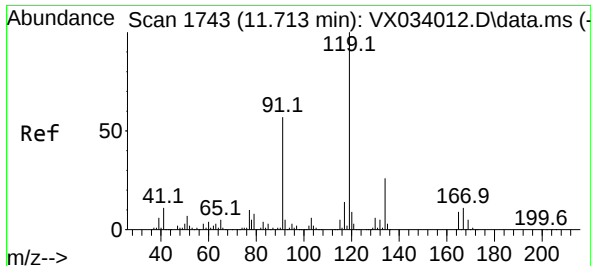


#82
4-Chlorotoluene
Concen: 49.832 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



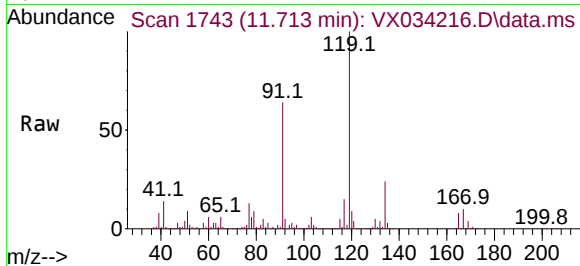
Tgt Ion: 91 Resp: 779485
Ion Ratio Lower Upper
91 100
126 29.0 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.293 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

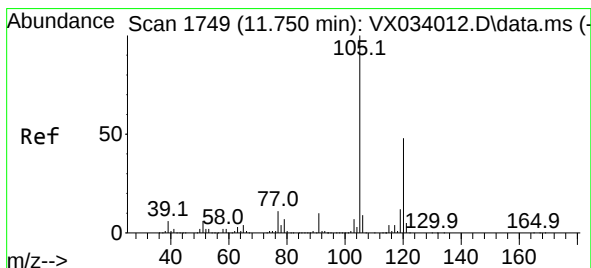
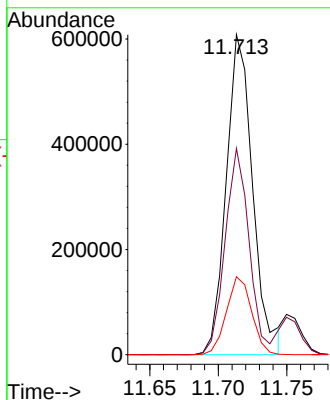
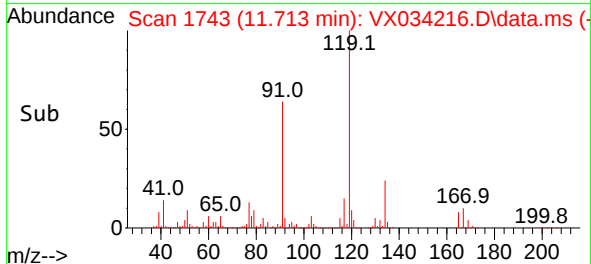
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



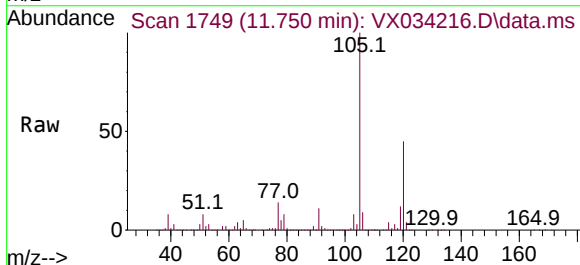
Tgt Ion:119 Resp: 817410
Ion Ratio Lower Upper
119 100
91 58.5 26.9 80.7
134 23.2 12.3 36.8

Manual Integrations
APPROVED

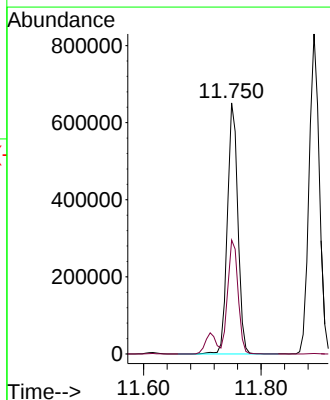
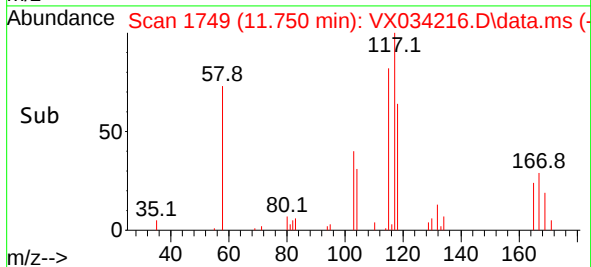
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

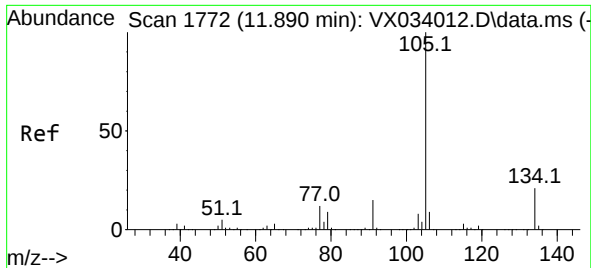


#84
1,2,4-Trimethylbenzene
Concen: 49.112 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



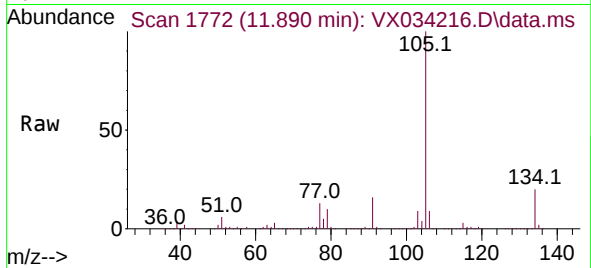
Tgt Ion:105 Resp: 804013
Ion Ratio Lower Upper
105 100
120 45.0 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 50.054 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034216.D
 Acq: 21 Feb 2023 17:51

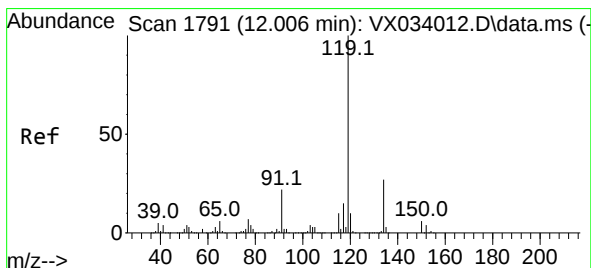
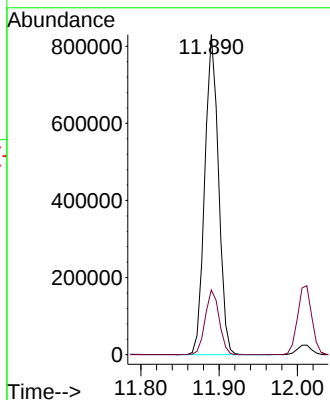
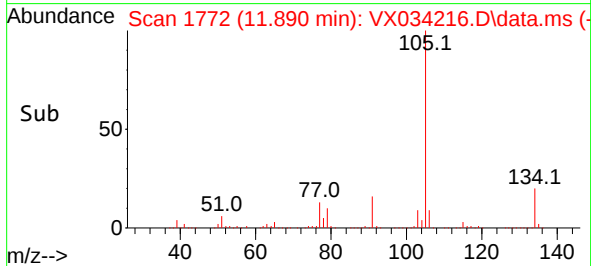
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



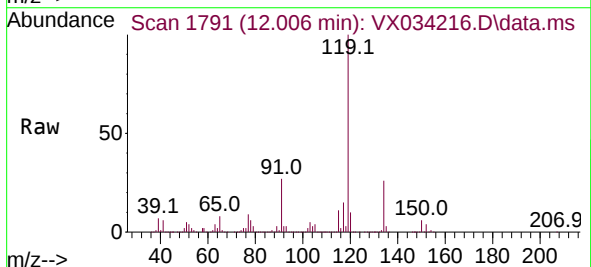
Tgt Ion:105 Resp: 1007959
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.8 32.3

Manual Integrations
 APPROVED

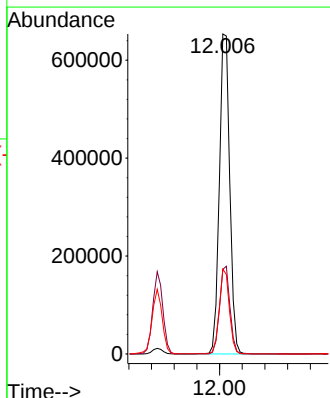
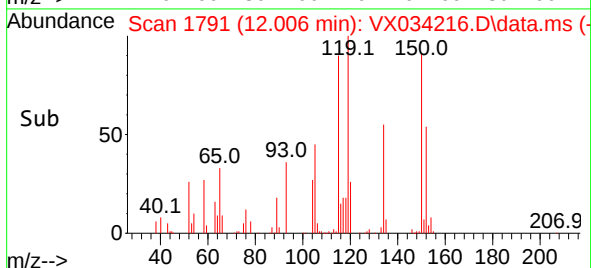
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

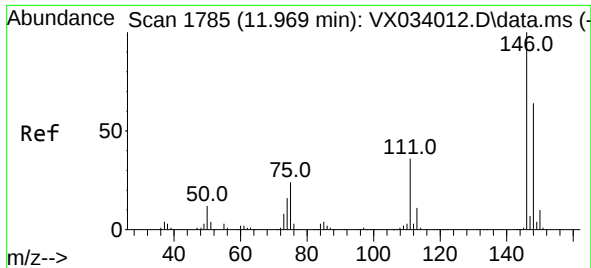


#86
 p-Isopropyltoluene
 Concen: 49.973 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034216.D
 Acq: 21 Feb 2023 17:51



Tgt Ion:119 Resp: 832845
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 25.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.782 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 43267

Ion Ratio Lower Upper

146 100

111 41.4 18.6 55.6

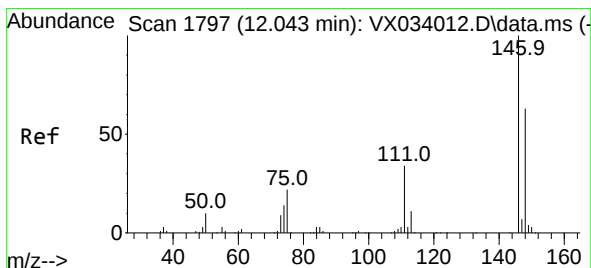
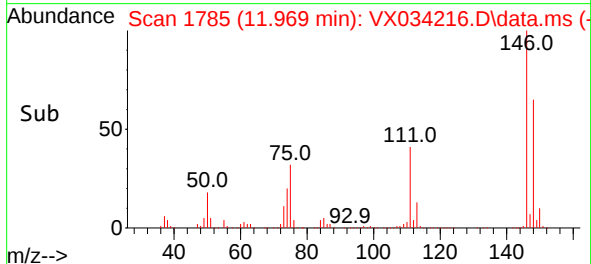
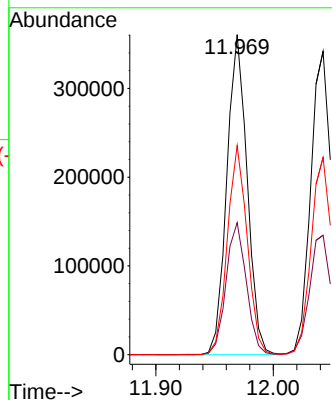
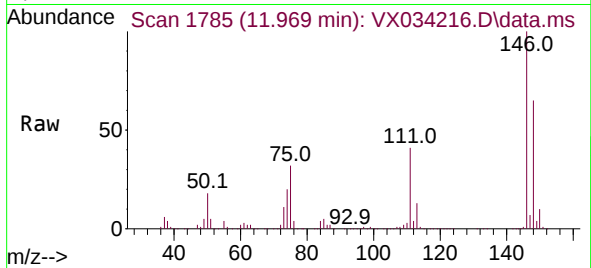
148 64.0 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#88

1,4-Dichlorobenzene

Concen: 48.927 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034216.D

Acq: 21 Feb 2023 17:51

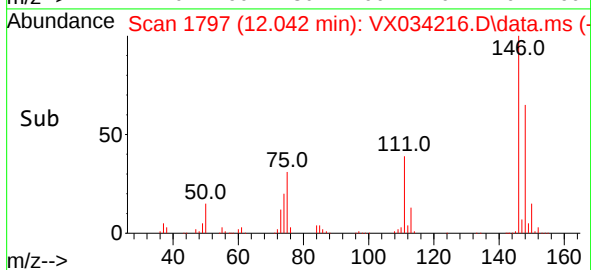
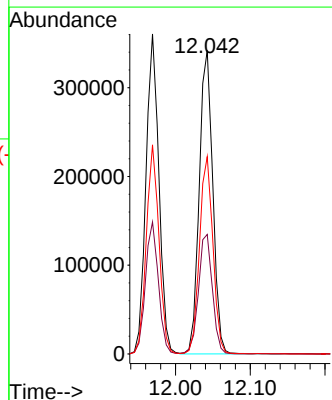
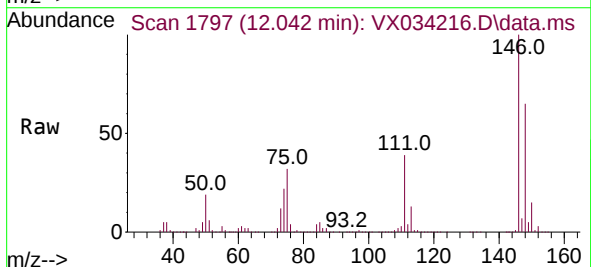
Tgt Ion:146 Resp: 428923

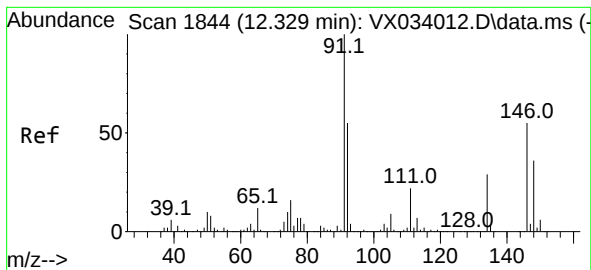
Ion Ratio Lower Upper

146 100

111 40.3 17.8 53.4

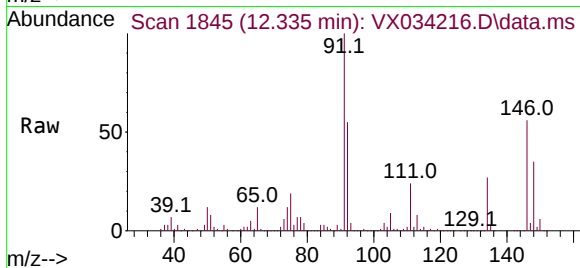
148 64.4 32.1 96.3





#89
n-Butylbenzene
Concen: 50.526 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

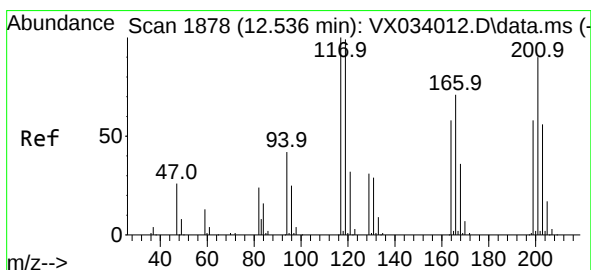
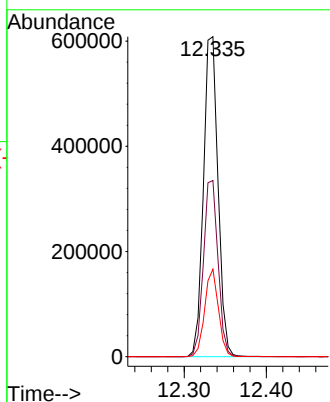
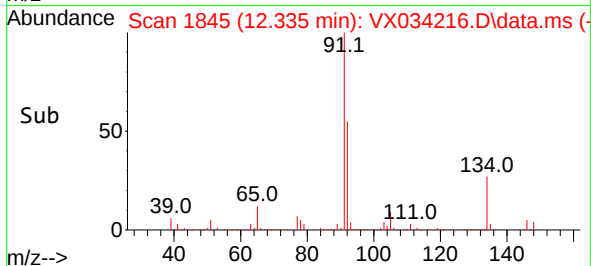
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 749999
Ion Ratio Lower Upper
91 100
92 55.1 27.5 82.5
134 25.9 14.3 42.9

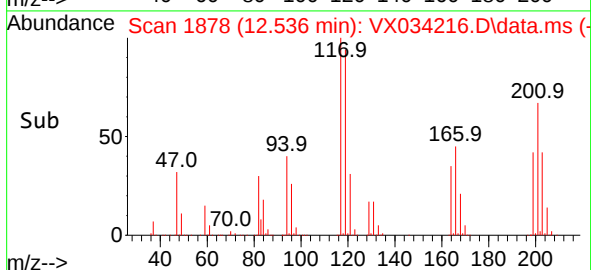
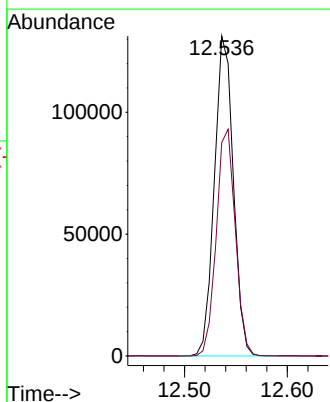
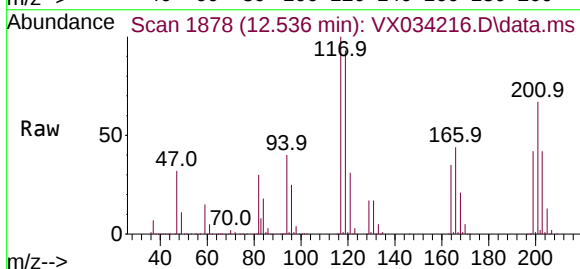
Manual Integrations
APPROVED

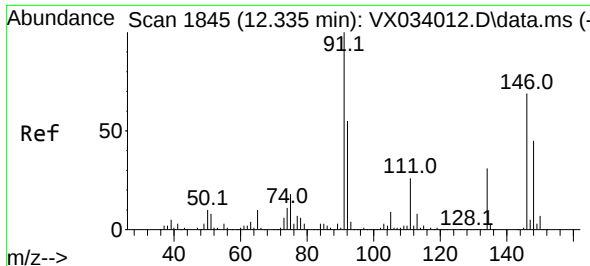
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 48.227 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

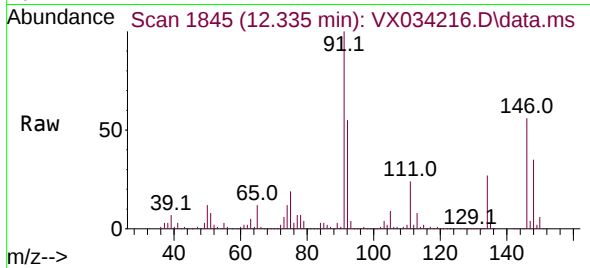
Tgt Ion:117 Resp: 168048
Ion Ratio Lower Upper
117 100
201 71.1 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 49.071 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

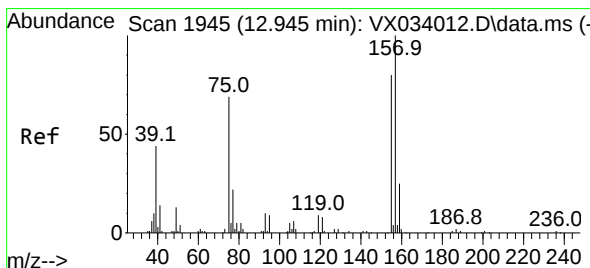
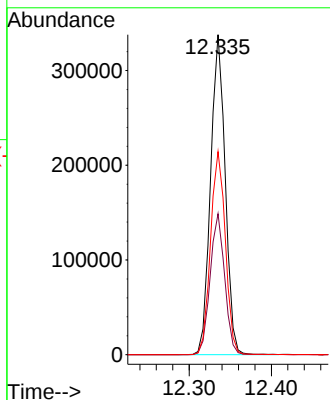
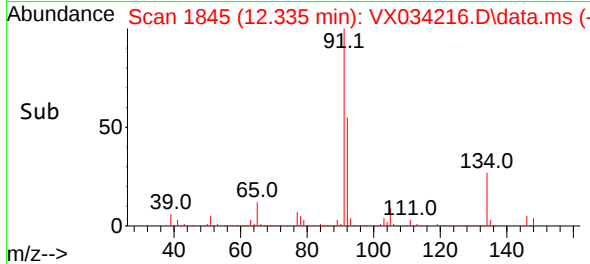
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



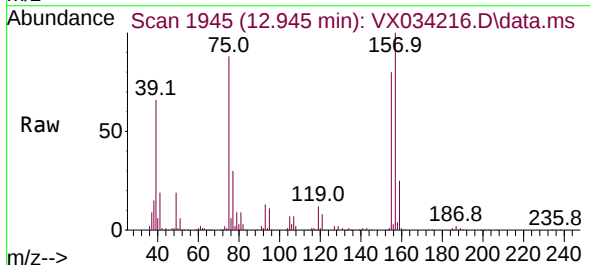
Tgt Ion:146 Resp: 417290
Ion Ratio Lower Upper
146 100
111 43.8 19.3 57.8
148 64.5 32.3 96.9

Manual Integrations
APPROVED

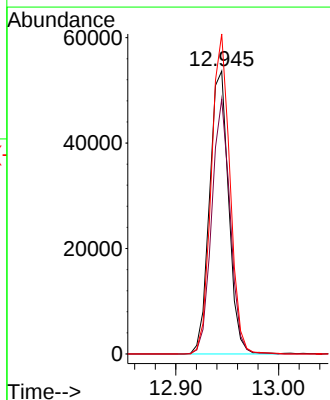
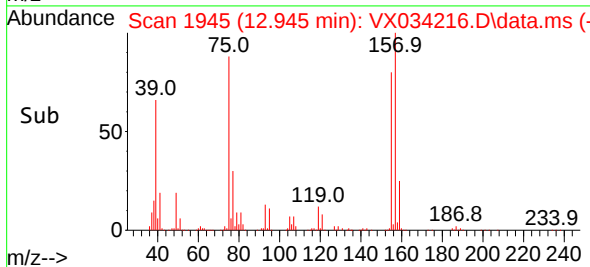
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

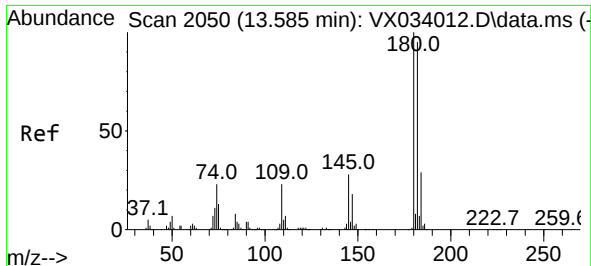


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.008 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51



Tgt Ion: 75 Resp: 69124
Ion Ratio Lower Upper
75 100
155 86.6 51.7 155.1
157 110.1 67.5 202.3





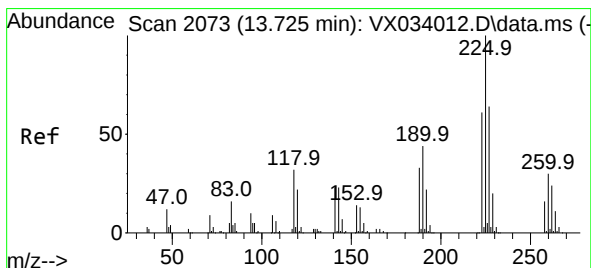
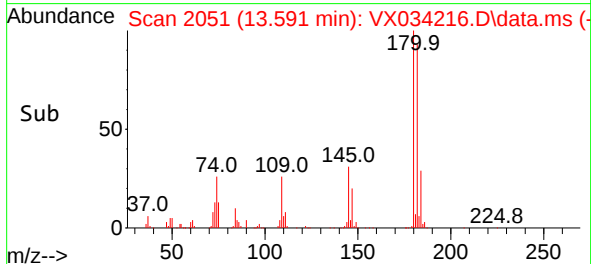
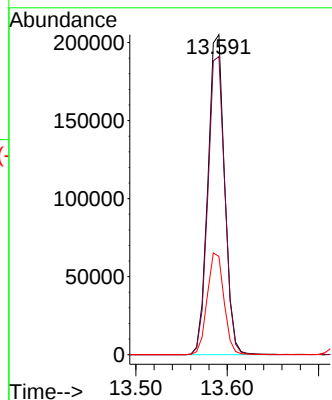
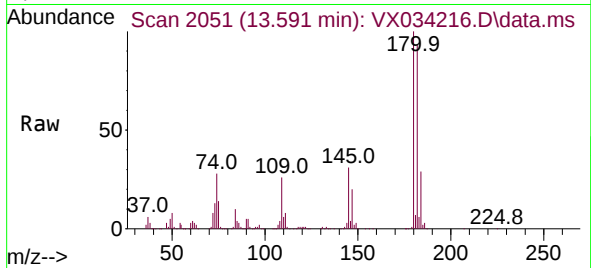
#93
1,2,4-Trichlorobenzene
Concen: 47.554 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 259624
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 31.9 14.1 42.2

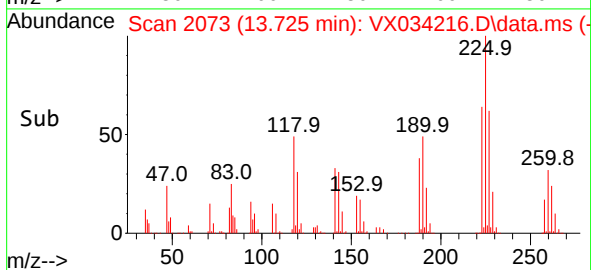
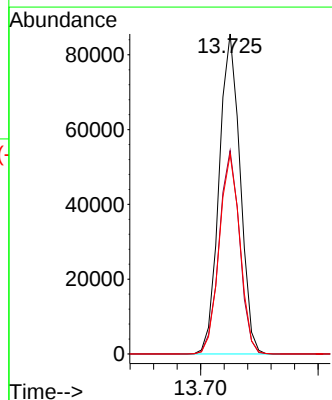
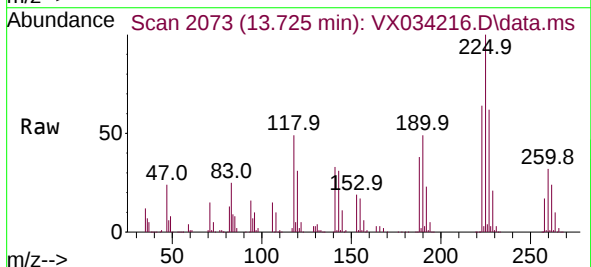
Manual Integrations
APPROVED

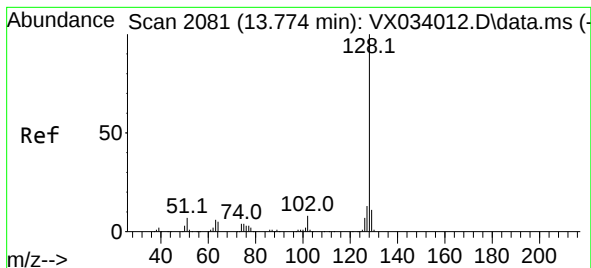
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#94
Hexachlorobutadiene
Concen: 46.900 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

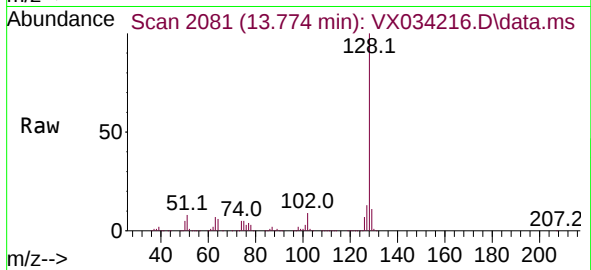
Tgt Ion:225 Resp: 106148
Ion Ratio Lower Upper
225 100
223 61.9 31.3 93.9
227 61.4 32.3 96.9





#95
Naphthalene
Concen: 48.456 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

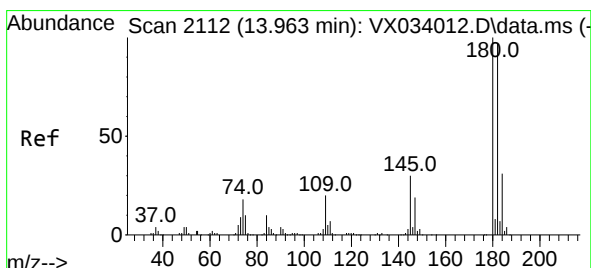
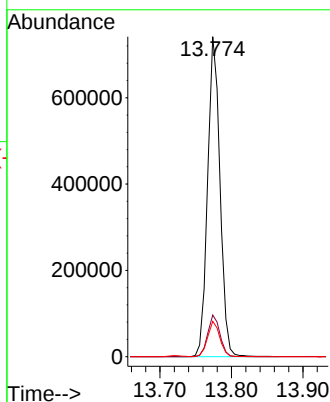
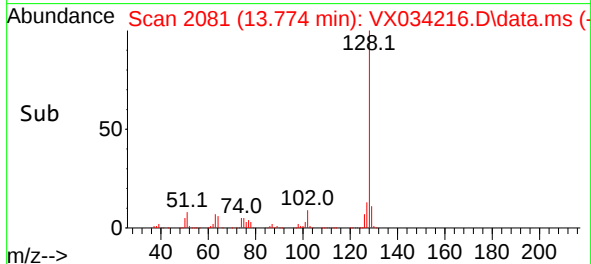
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 89118
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.857 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034216.D
Acq: 21 Feb 2023 17:51

Tgt Ion:180 Resp: 259395
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.9
145 33.2 15.1 45.3

