

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016217.D
 Acq On : 03 Nov 2023 17:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 03 23:04:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	163635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	264997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	229970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	109003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78536	51.291	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.580%			
35) Dibromofluoromethane	7.728	113	74662	47.259	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.520%			
50) Toluene-d8	10.185	98	306126	48.873	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.740%			
62) 4-Bromofluorobenzene	12.489	95	103433	48.291	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53181	50.949	ug/l	98
3) Chloromethane	2.119	50	68337	47.286	ug/l	96
4) Vinyl Chloride	2.259	62	77848	52.191	ug/l	96
5) Bromomethane	2.656	94	52815	52.467	ug/l	98
6) Chloroethane	2.802	64	53790	51.223	ug/l	97
7) Trichlorofluoromethane	3.137	101	121179	53.813	ug/l	99
8) Diethyl Ether	3.540	74	41633	55.783	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.912	101	73796	52.019	ug/l	97
10) Methyl Iodide	4.101	142	84130	53.332	ug/l	98
11) Tert butyl alcohol	4.972	59	32808	286.777	ug/l #	83
12) 1,1-Dichloroethene	3.887	96	67164	51.872	ug/l	91
13) Acrolein	3.741	56	31911	305.430	ug/l	98
14) Allyl chloride	4.497	41	105150	56.775	ug/l #	94
15) Acrylonitrile	5.180	53	91204	285.975	ug/l	98
16) Acetone	3.960	43	66087	272.063	ug/l #	88
17) Carbon Disulfide	4.210	76	165318	51.140	ug/l	99
18) Methyl Acetate	4.491	43	71882	58.375	ug/l	91
19) Methyl tert-butyl Ether	5.234	73	208862	56.709	ug/l	100
20) Methylene Chloride	4.728	84	83478	53.835	ug/l	88
21) trans-1,2-Dichloroethene	5.234	96	79698	52.842	ug/l	93
22) Diisopropyl ether	6.131	45	251706	56.189	ug/l	90
23) Vinyl Acetate	6.076	43	619626	281.724	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	145704	54.347	ug/l	97
25) 2-Butanone	6.996	43	116693	276.236	ug/l	95
26) 2,2-Dichloropropane	6.996	77	134872	53.217	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	97042	54.674	ug/l	92
28) Bromochloromethane	7.350	49	54236	54.061	ug/l	90
29) Tetrahydrofuran	7.356	42	78283	295.620	ug/l	90
30) Chloroform	7.521	83	160502	54.988	ug/l	95
31) Cyclohexane	7.795	56	117743	50.023	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	141957	53.032	ug/l	98
36) 1,1-Dichloropropene	7.929	75	114390	50.143	ug/l	99
37) Ethyl Acetate	7.082	43	55671	54.790	ug/l #	95
38) Carbon Tetrachloride	7.911	117	124384	55.035	ug/l	97
39) Methylcyclohexane	9.191	83	138857	50.993	ug/l	91
40) Benzene	8.173	78	336779	51.422	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	28918m	49.032	ug/l	
42) 1,2-Dichloroethane	8.246	62	96265	52.671	ug/l	94
43) Isopropyl Acetate	8.283	43	110557	55.008	ug/l	93
44) Trichloroethene	8.947	130	97680	50.966	ug/l	97
45) 1,2-Dichloropropane	9.222	63	85141	54.040	ug/l	98
46) Dibromomethane	9.313	93	47829	53.515	ug/l	98
47) Bromodichloromethane	9.502	83	123978	54.597	ug/l	99
48) Methyl methacrylate	9.301	41	49205	53.839	ug/l	89
49) 1,4-Dioxane	9.307	88	10895	1027.932	ug/l #	56
51) 4-Methyl-2-Pentanone	10.075	43	285503	284.693	ug/l	92
52) Toluene	10.252	92	220991	52.073	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	123704	54.570	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	141178	53.075	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	67267	53.506	ug/l	97
56) Ethyl methacrylate	10.514	69	91867	56.267	ug/l #	87
57) 1,3-Dichloropropane	10.794	76	113400	52.985	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	208202	262.979	ug/l	93
59) 2-Hexanone	10.837	43	196464	285.885	ug/l	89
60) Dibromochloromethane	10.990	129	85422	54.160	ug/l	100
61) 1,2-Dibromoethane	11.093	107	64040	53.554	ug/l	99
64) Tetrachloroethene	10.727	164	97768	47.795	ug/l	98
65) Chlorobenzene	11.526	112	236078	51.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	91544	54.095	ug/l	99
67) Ethyl Benzene	11.599	91	425800	52.104	ug/l	99
68) m/p-Xylenes	11.709	106	328418	104.001	ug/l	94
69) o-Xylene	12.038	106	157693	52.302	ug/l	97
70) Styrene	12.050	104	264198	52.710	ug/l	97
71) Bromoform	12.215	173	51929	55.313	ug/l #	98
73) Isopropylbenzene	12.337	105	421941	51.604	ug/l	100
74) N-amyl acetate	12.148	43	98203	55.269	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	71669	55.083	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	56809m	55.343	ug/l	
77) Bromobenzene	12.617	156	96815	52.291	ug/l	96
78) n-propylbenzene	12.678	91	494350	51.138	ug/l	99
79) 2-Chlorotoluene	12.764	91	277418	51.453	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	340398	51.385	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	26314	55.582	ug/l	94
82) 4-Chlorotoluene	12.861	91	281013	50.756	ug/l	97
83) tert-Butylbenzene	13.081	119	304366	51.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	335883	51.242	ug/l	98
85) sec-Butylbenzene	13.257	105	451039	51.846	ug/l	99
86) p-Isopropyltoluene	13.373	119	369341	51.225	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	187796	51.287	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	184243	50.909	ug/l	99
89) n-Butylbenzene	13.702	91	342073	51.634	ug/l	97
90) Hexachloroethane	13.965	117	70250	56.538	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	166385	52.592	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11192	48.065	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	98544	50.466	ug/l	99
94) Hexachlorobutadiene	15.117	225	54179	50.775	ug/l	97
95) Naphthalene	15.245	128	189621	49.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	83134	49.839	ug/l	100

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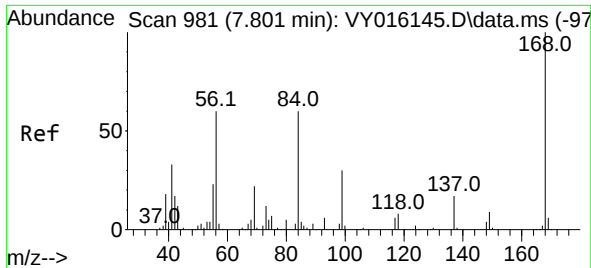
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

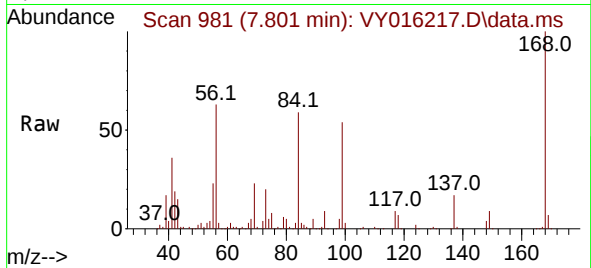
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016217.D
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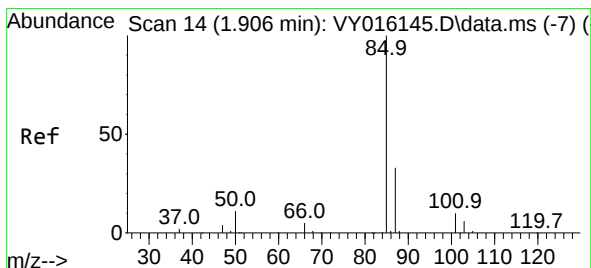
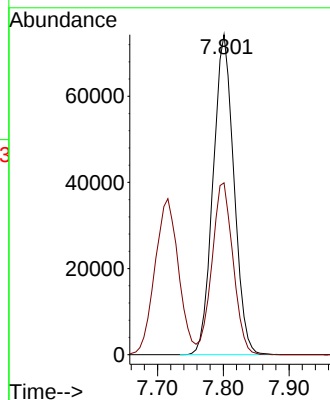
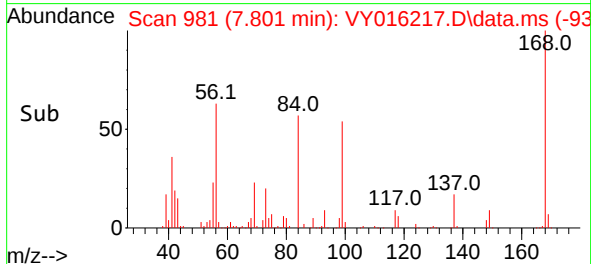
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 16363
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0

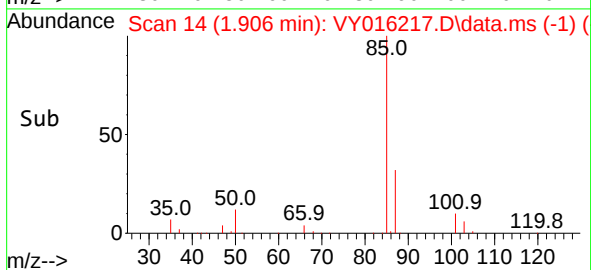
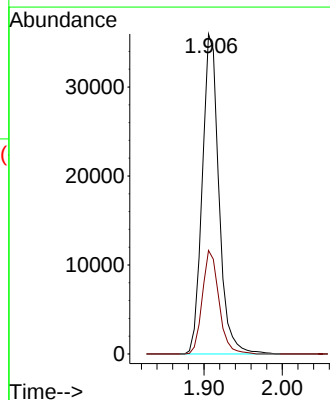
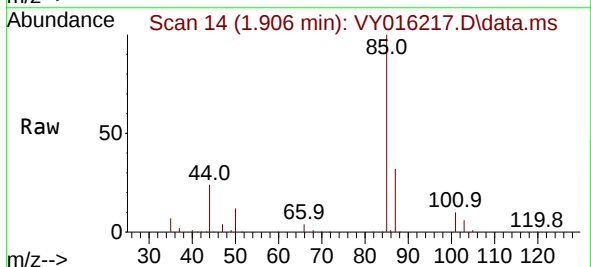
Manual Integrations
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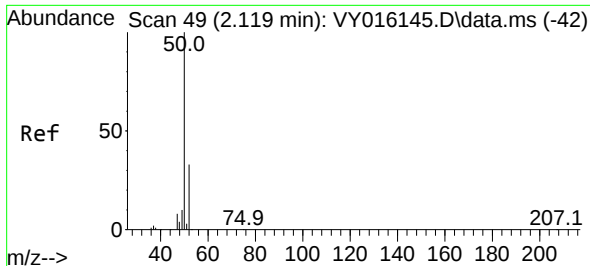
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#2
Dichlorodifluoromethane
Concen: 50.949 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

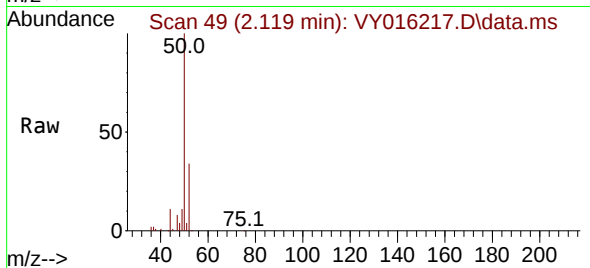
Tgt Ion: 85 Resp: 53181
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.8





#3
Chloromethane
Concen: 47.286 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

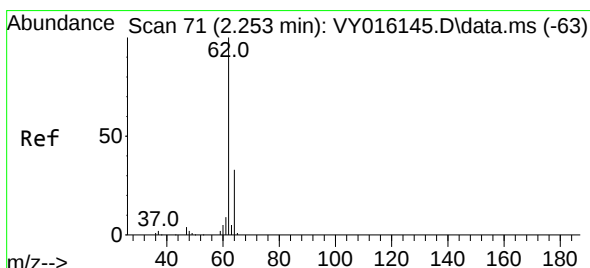
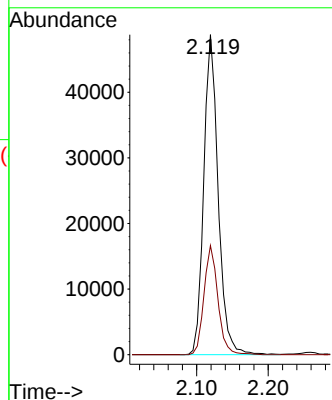
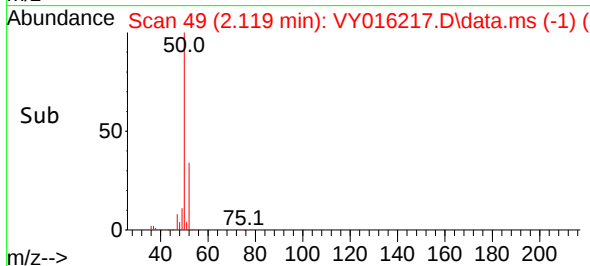
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 6833
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2

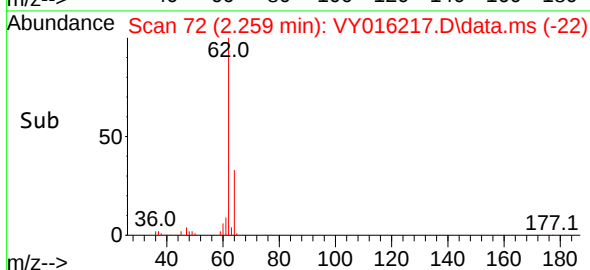
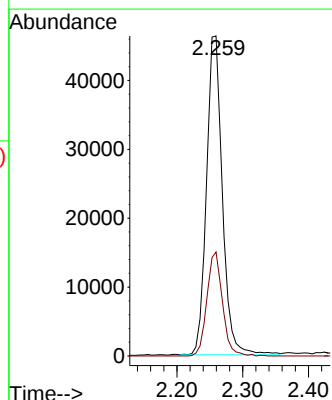
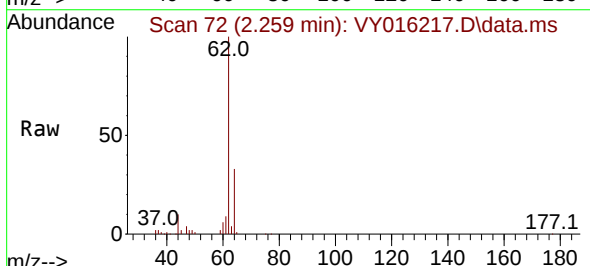
Manual Integrations
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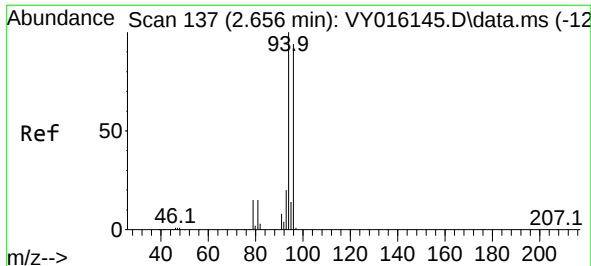
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#4
Vinyl Chloride
Concen: 52.191 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

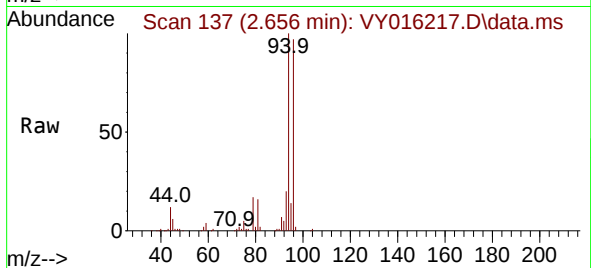
Tgt Ion: 62 Resp: 77848
Ion Ratio Lower Upper
62 100
64 32.6 24.3 36.5





#5
Bromomethane
Concen: 52.467 ug/l
RT: 2.656 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

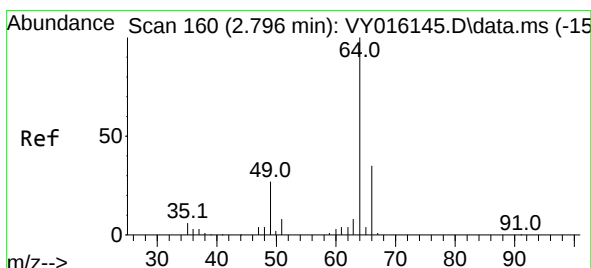
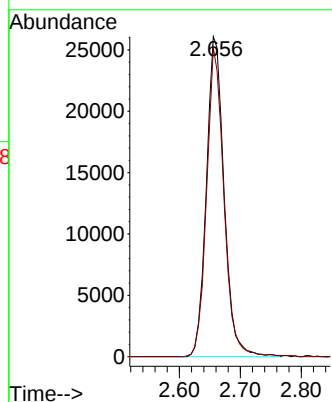
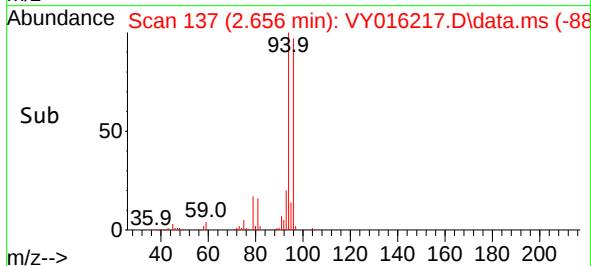
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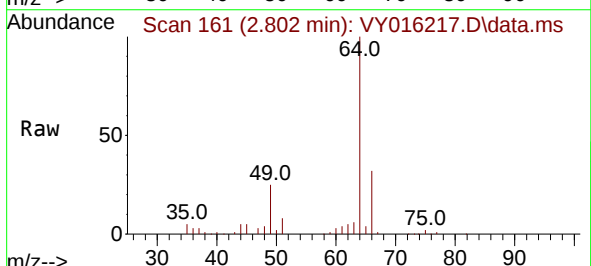
Tgt Ion: 94 Resp: 5281
Ion Ratio Lower Upper
94 100
96 96.5 75.8 113.6

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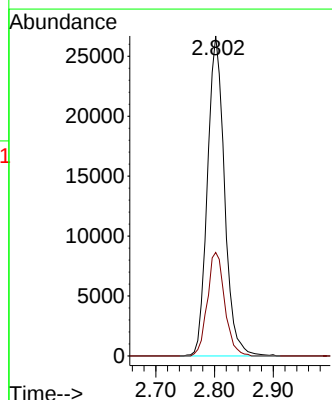
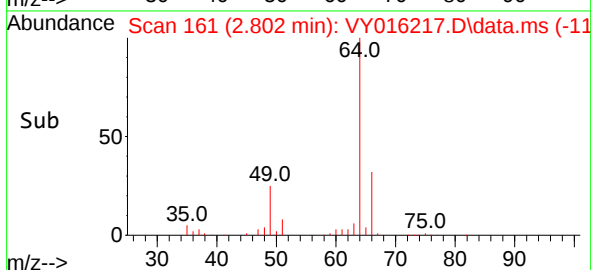
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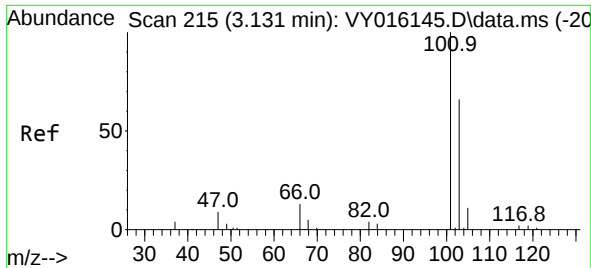


#6
Chloroethane
Concen: 51.223 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
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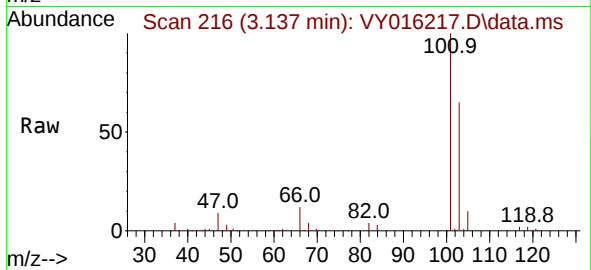
Tgt Ion: 64 Resp: 53790
Ion Ratio Lower Upper
64 100
66 32.4 24.4 36.6





#7
Trichlorofluoromethane
Concen: 53.813 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

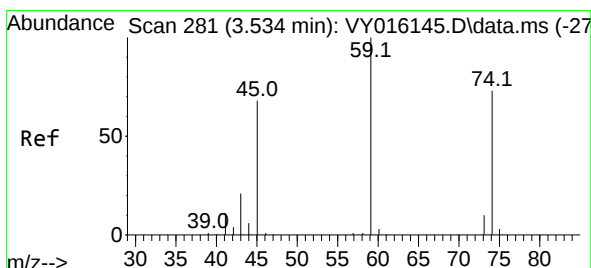
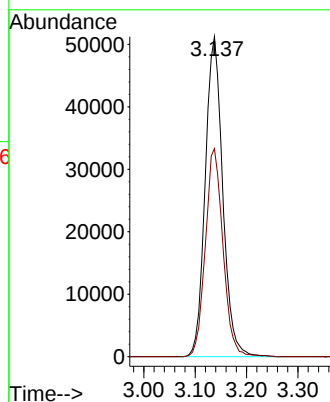
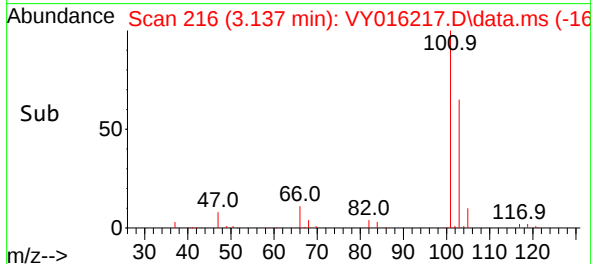
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 121179
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

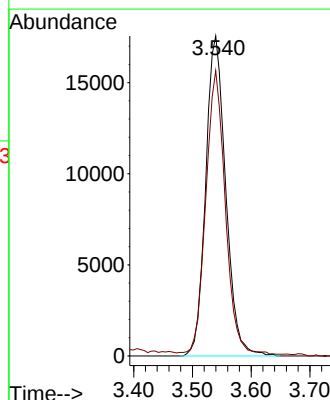
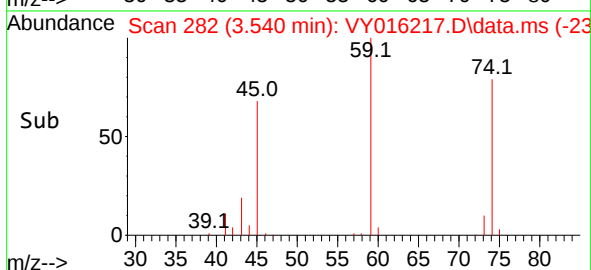
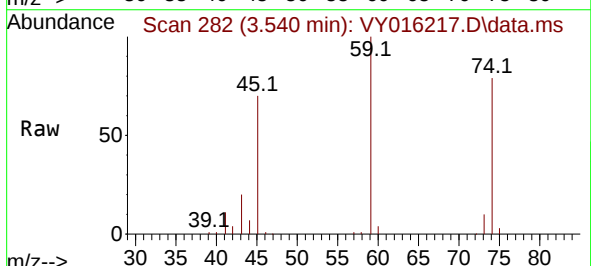
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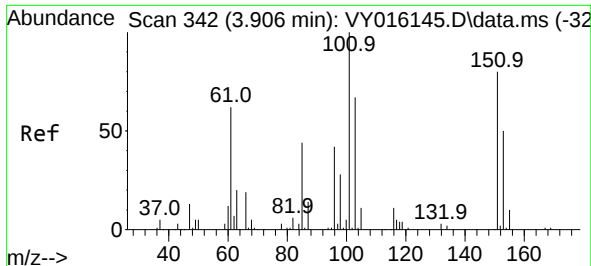
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#8
Diethyl Ether
Concen: 55.783 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion: 74 Resp: 41633
Ion Ratio Lower Upper
74 100
45 86.4 51.5 154.5





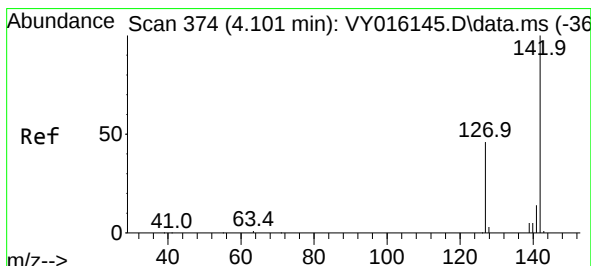
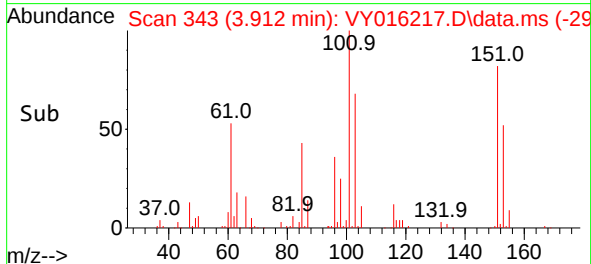
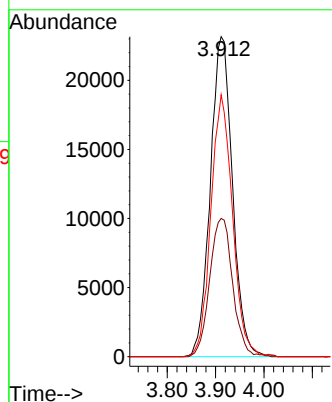
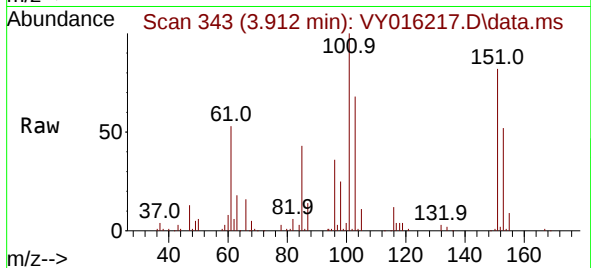
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.019 ug/l
RT: 3.912 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 73790
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 79.8 67.0 100.6

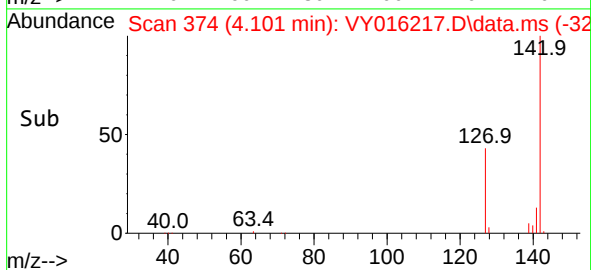
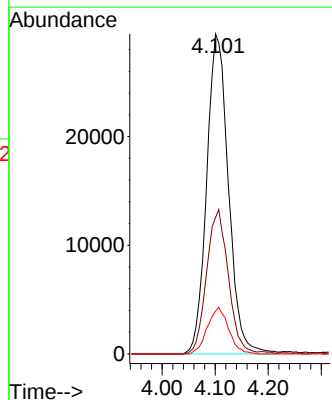
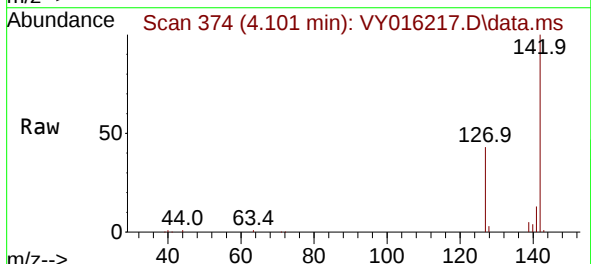
Manual Integrations
APPROVED

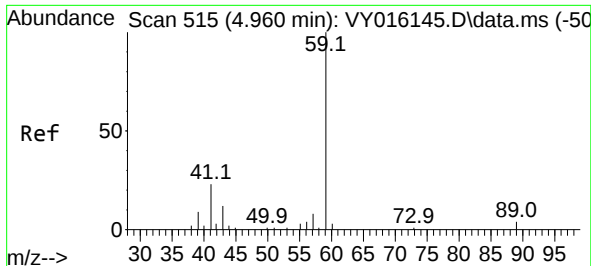
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 53.332 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

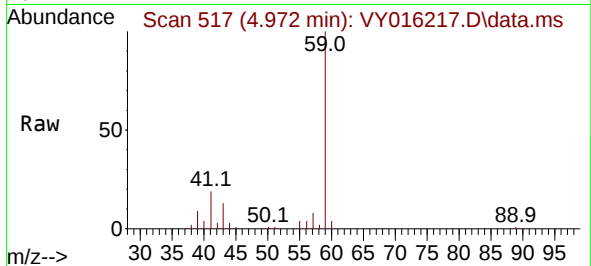
Tgt Ion:142 Resp: 84130
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.2 11.8 17.8





#11
Tert butyl alcohol
Concen: 286.777 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

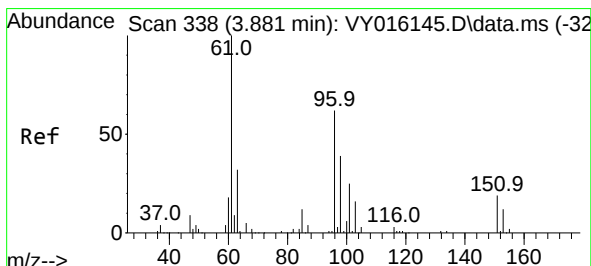
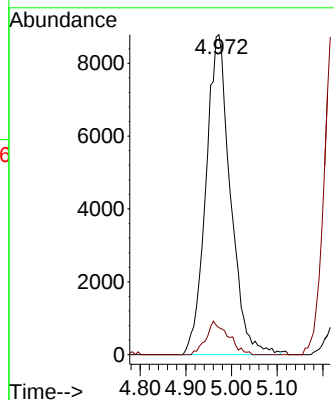
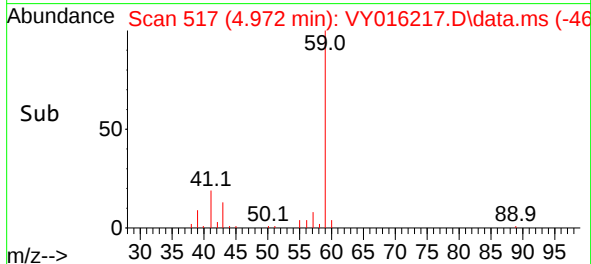
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



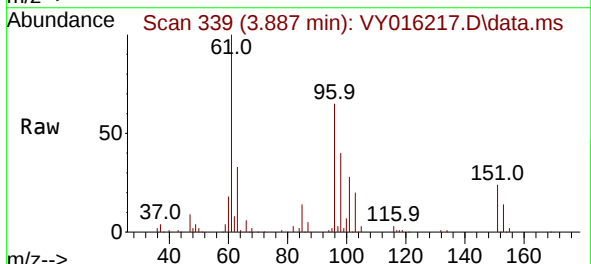
Tgt Ion: 59 Resp: 3280
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4

Manual Integrations
APPROVED

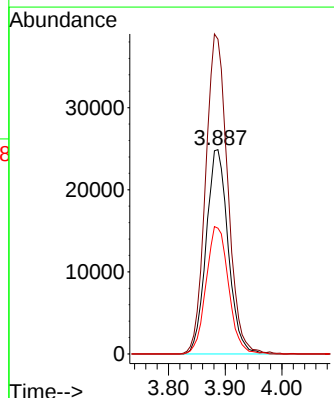
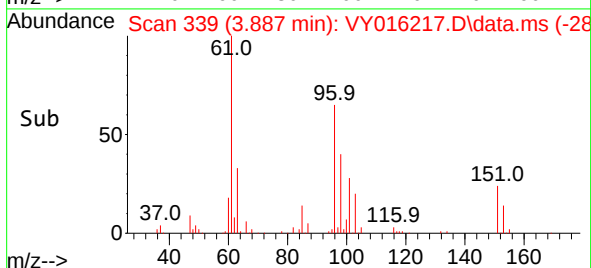
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

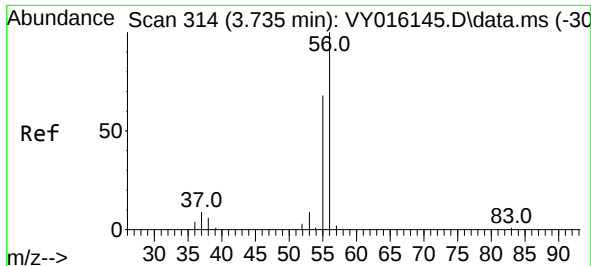


#12
1,1-Dichloroethene
Concen: 51.872 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



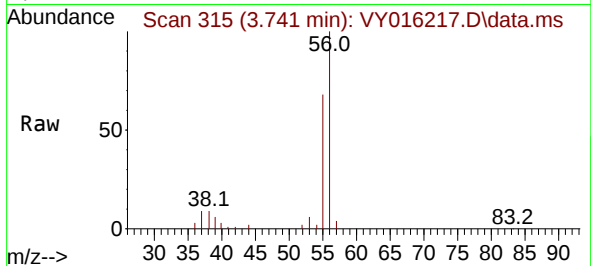
Tgt Ion: 96 Resp: 67164
Ion Ratio Lower Upper
96 100
61 154.1 136.4 204.6
98 61.5 49.4 74.2





#13
Acrolein
Concen: 305.430 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

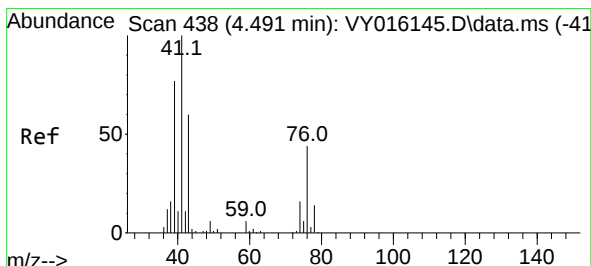
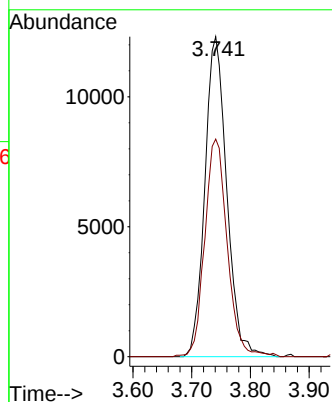
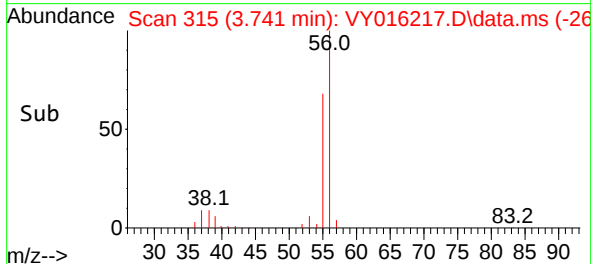
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



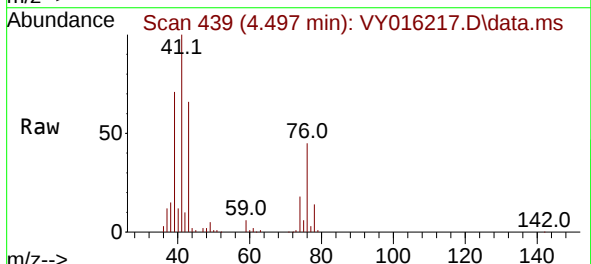
Tgt Ion: 56 Resp: 3191
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.4

Manual Integrations
APPROVED

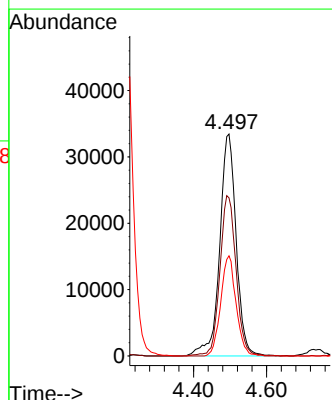
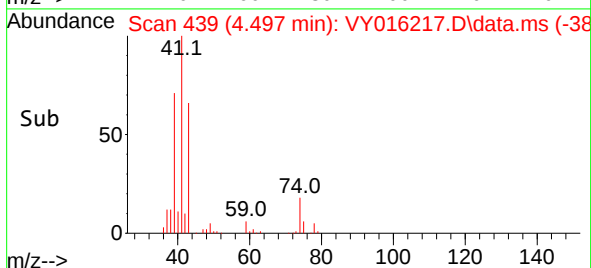
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

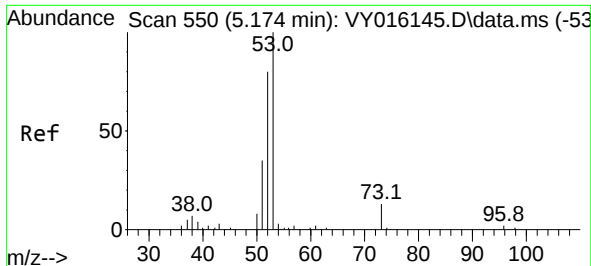


#14
Allyl chloride
Concen: 56.775 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



Tgt Ion: 41 Resp: 105150
Ion Ratio Lower Upper
41 100
39 70.9 58.0 87.0
76 42.0 27.4 41.2#





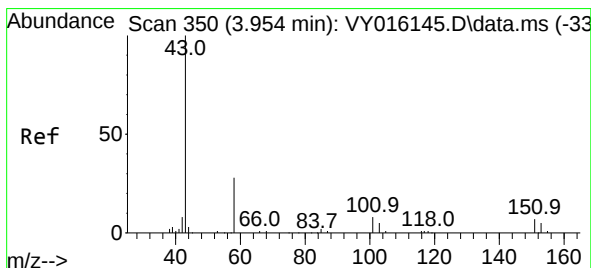
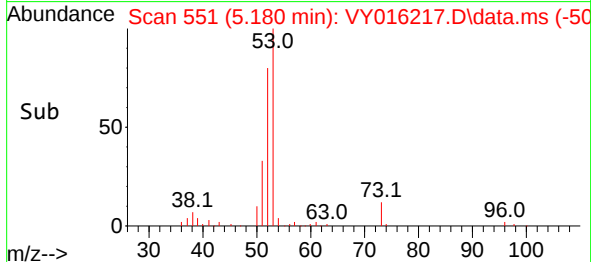
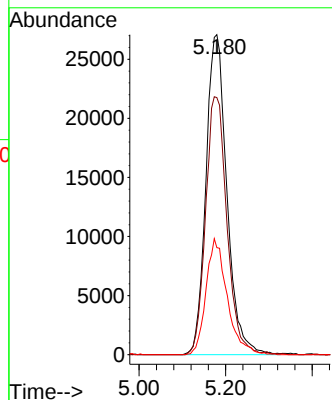
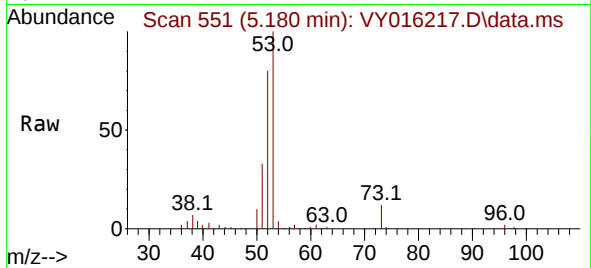
#15
Acrylonitrile
Concen: 285.975 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 91204
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.6 29.8 44.6

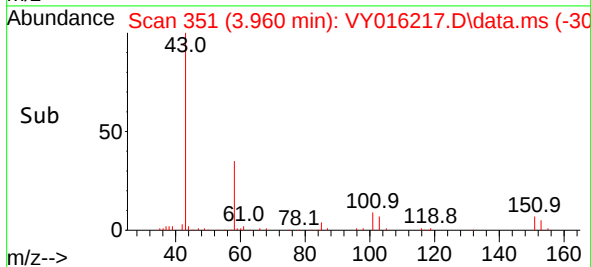
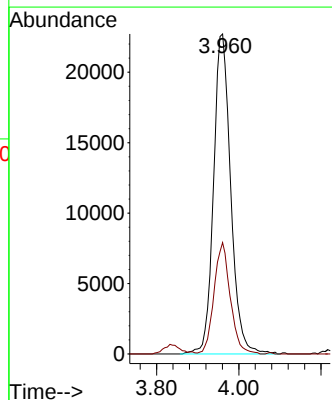
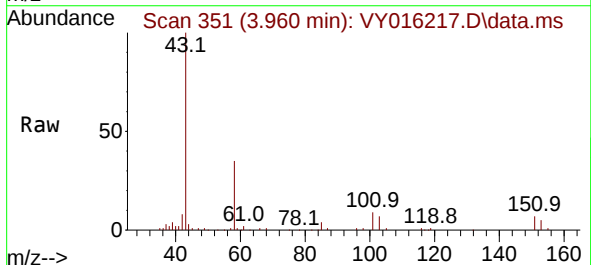
Manual Integrations
APPROVED

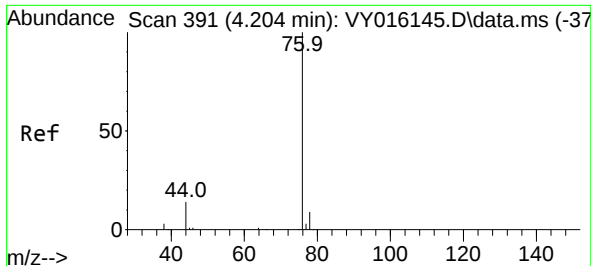
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#16
Acetone
Concen: 272.063 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

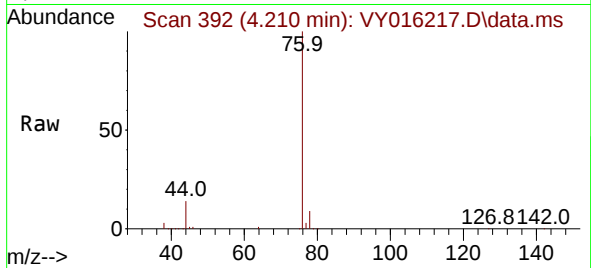
Tgt Ion: 43 Resp: 66087
Ion Ratio Lower Upper
43 100
58 34.8 22.7 34.1#





#17
Carbon Disulfide
Concen: 51.140 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

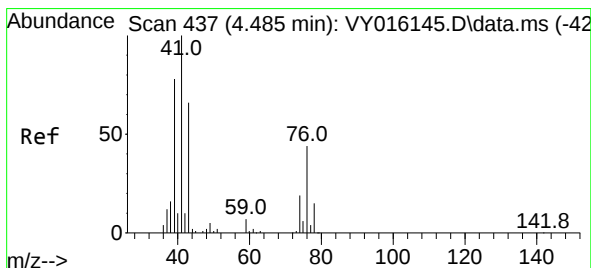
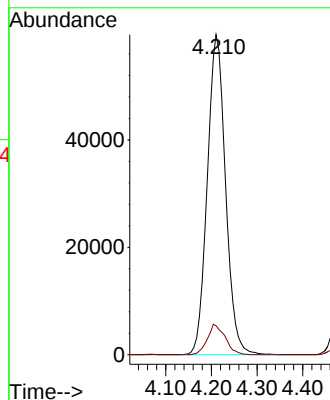
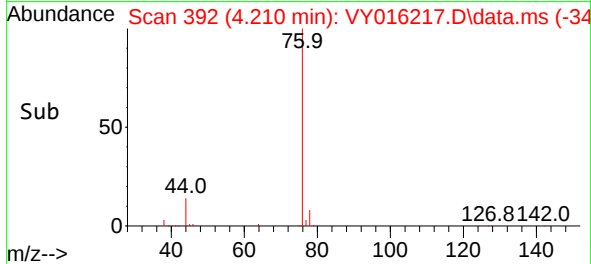
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 165318
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

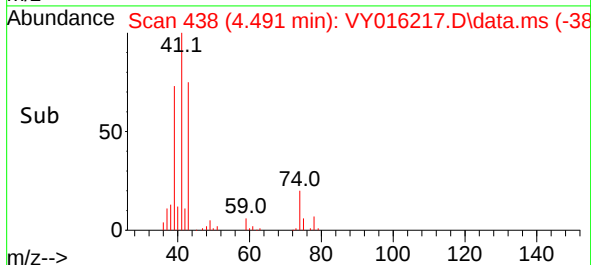
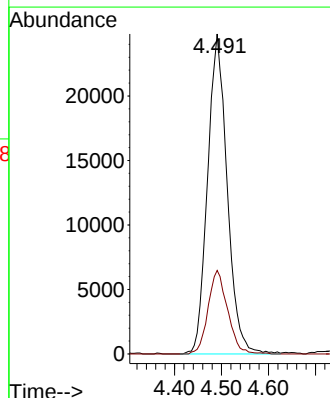
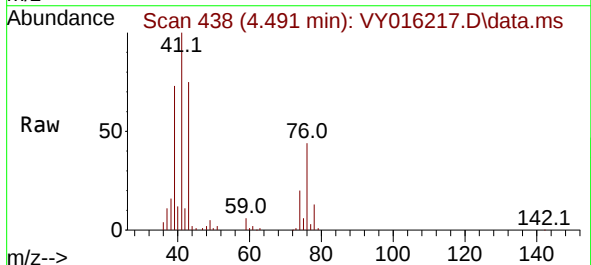
Manual Integrations
APPROVED

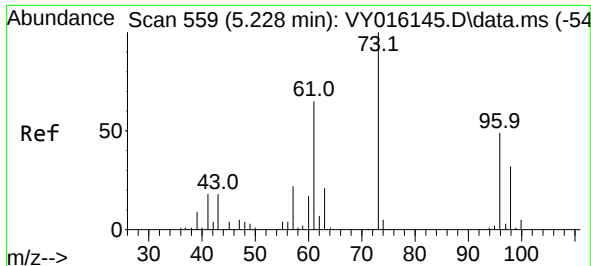
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#18
Methyl Acetate
Concen: 58.375 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion: 43 Resp: 71882
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0





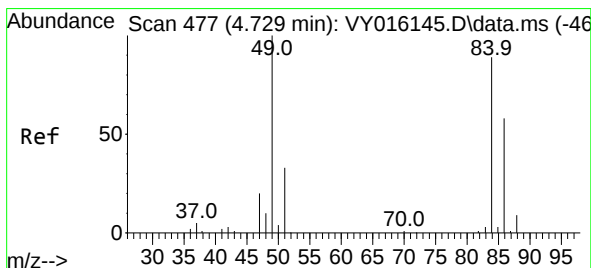
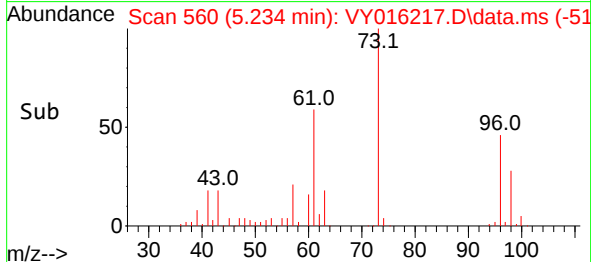
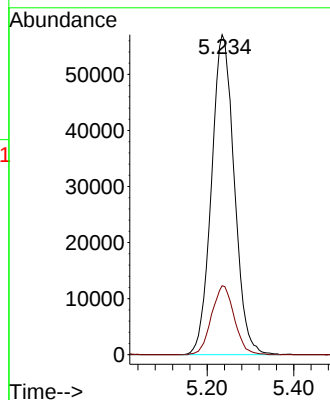
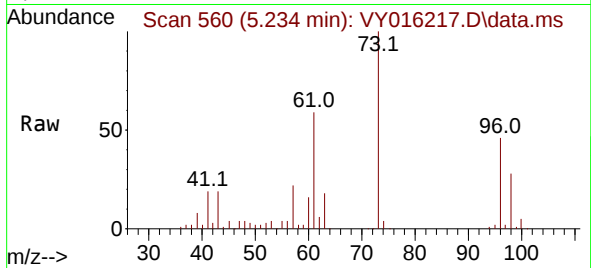
#19
Methyl tert-butyl Ether
Concen: 56.709 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 208862
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

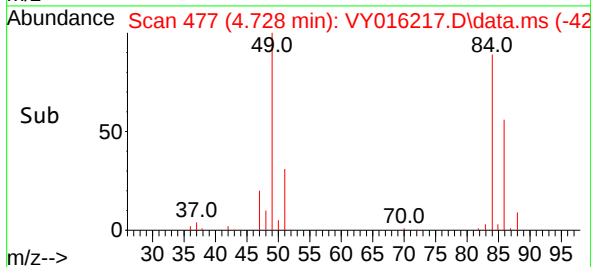
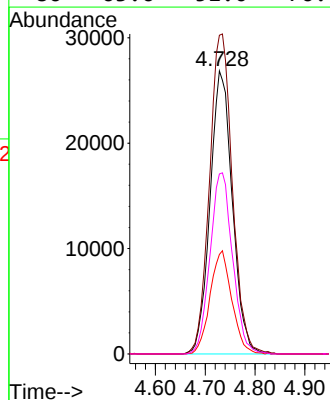
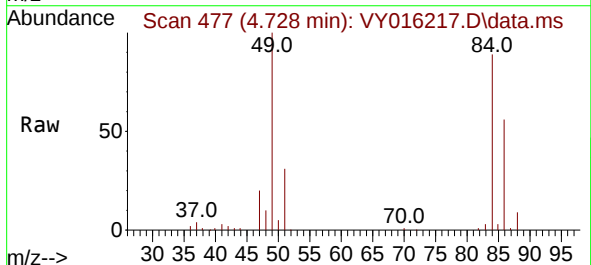
Manual Integrations
APPROVED

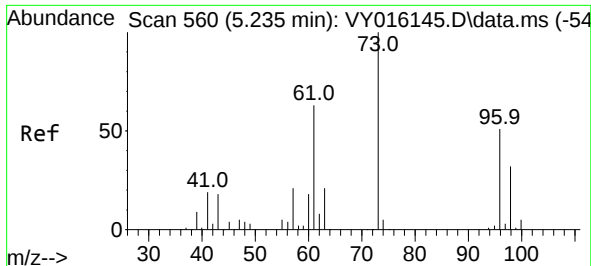
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 53.835 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

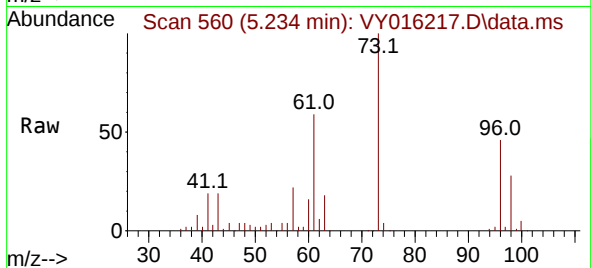
Tgt Ion: 84 Resp: 83478
Ion Ratio Lower Upper
84 100
49 112.6 106.9 160.3
51 35.1 33.2 49.8
86 63.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 52.842 ug/l
RT: 5.234 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

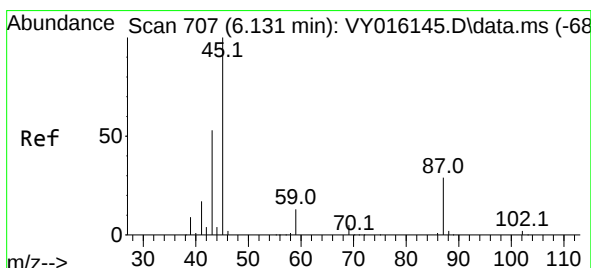
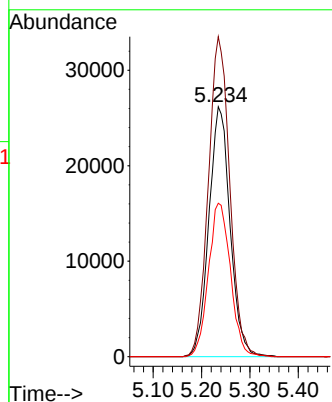
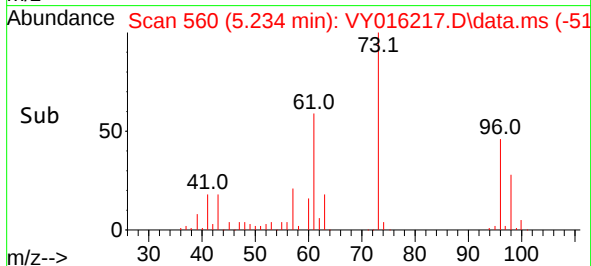
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



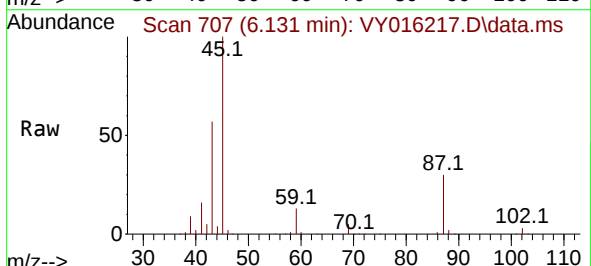
Tgt Ion: 96 Resp: 79698
Ion Ratio Lower Upper
96 100
61 128.0 110.2 165.4
98 61.4 51.8 77.6

Manual Integrations
APPROVED

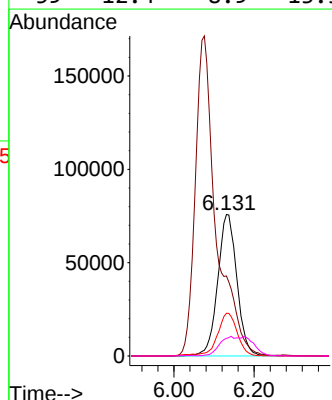
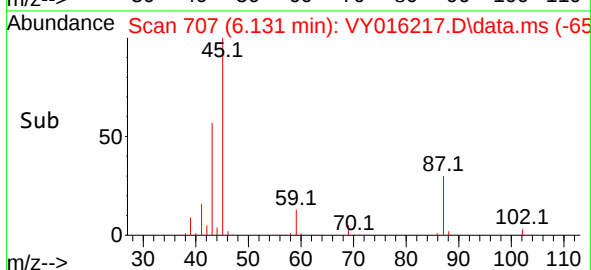
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

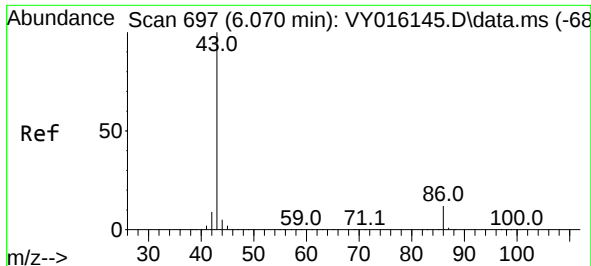


#22
Diisopropyl ether
Concen: 56.189 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



Tgt Ion: 45 Resp: 251706
Ion Ratio Lower Upper
45 100
43 56.1 52.2 78.4
87 30.3 21.0 31.6
59 12.4 8.9 13.3





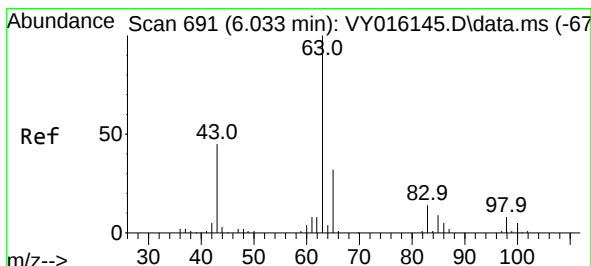
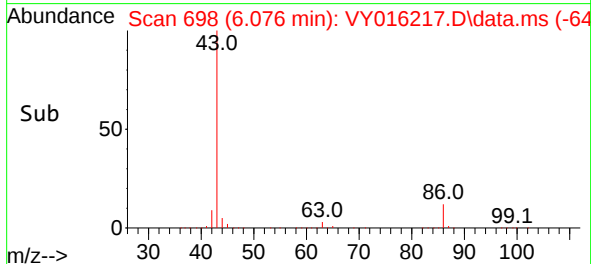
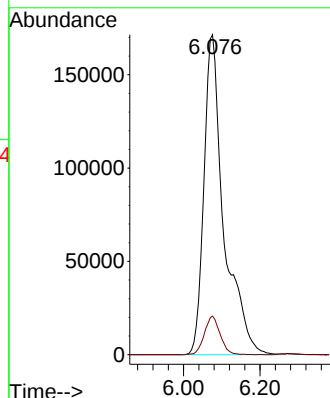
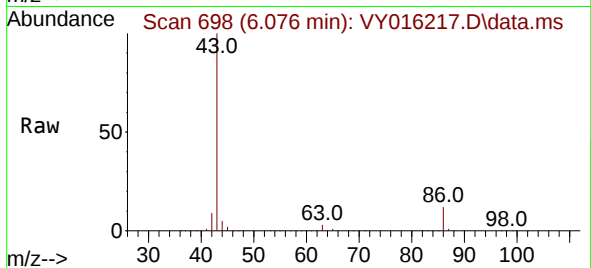
#23
 Vinyl Acetate
 Concen: 281.724 ug/l
 RT: 6.076 min Scan# 619
 Delta R.T. 0.006 min
 Lab File: VY016217.D
 Acq: 03 Nov 2023 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 619620
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3

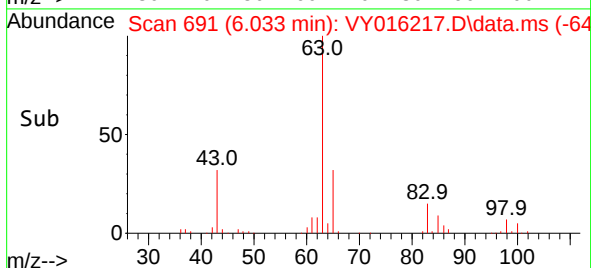
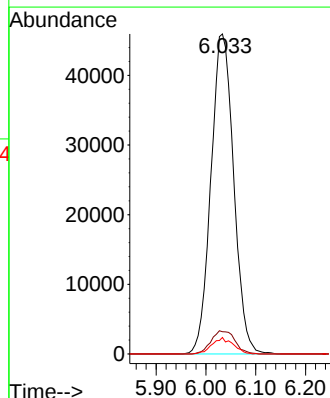
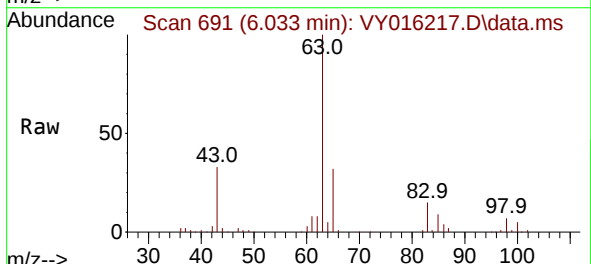
Manual Integrations
 APPROVED

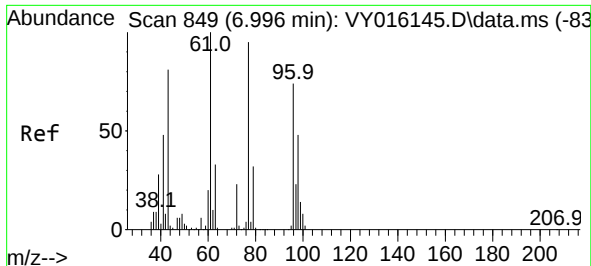
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#24
 1,1-Dichloroethane
 Concen: 54.347 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY016217.D
 Acq: 03 Nov 2023 17:17

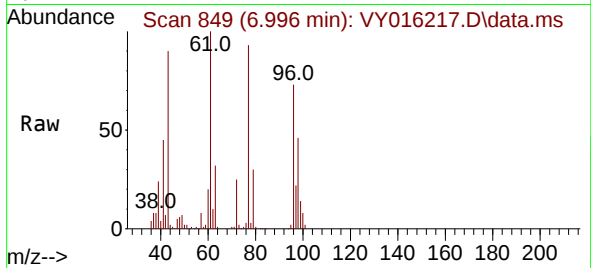
Tgt Ion: 63 Resp: 145704
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 5.2 1.8 5.5





#25
2-Butanone
Concen: 276.236 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

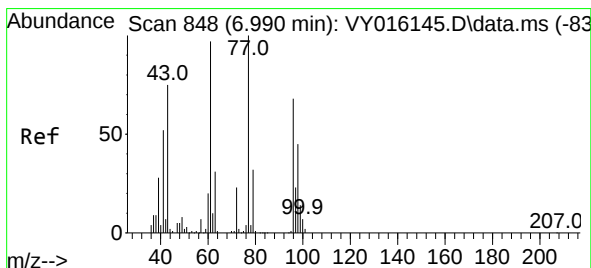
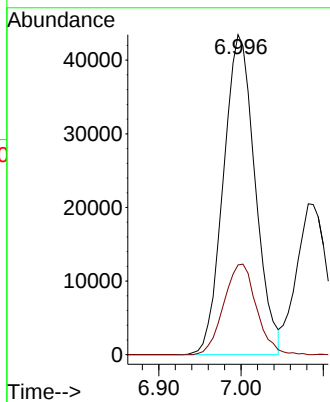
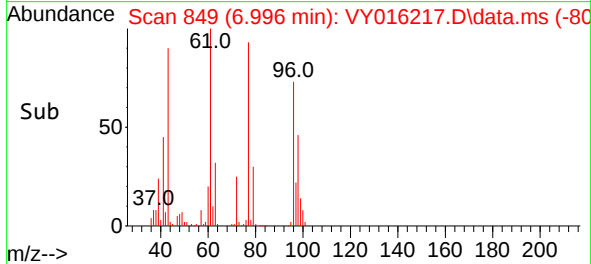
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



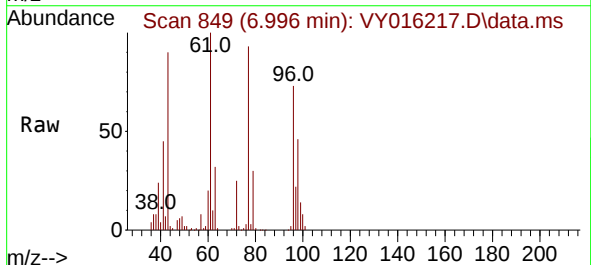
Tgt Ion: 43 Resp: 116693
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7

Manual Integrations
APPROVED

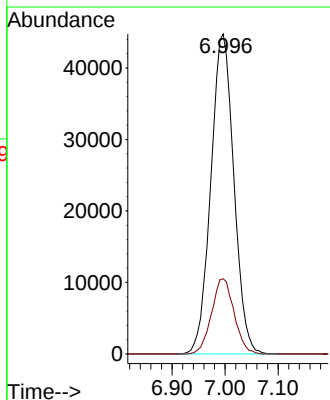
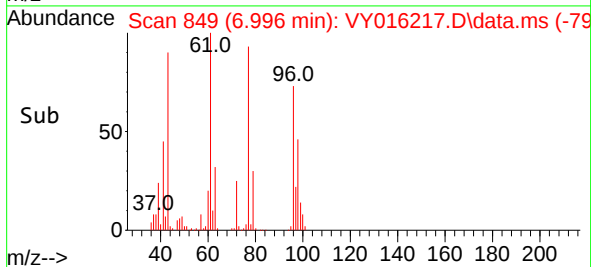
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

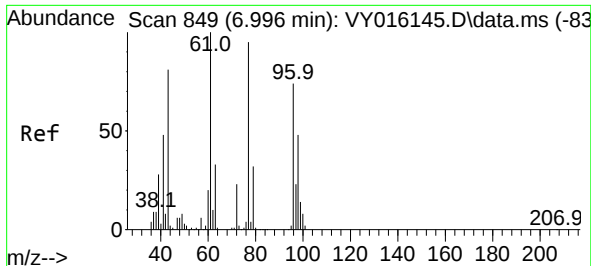


#26
2,2-Dichloropropane
Concen: 53.217 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



Tgt Ion: 77 Resp: 134872
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 54.674 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

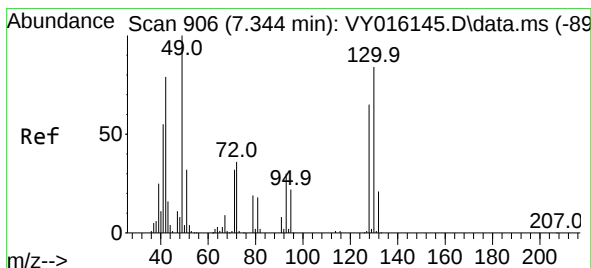
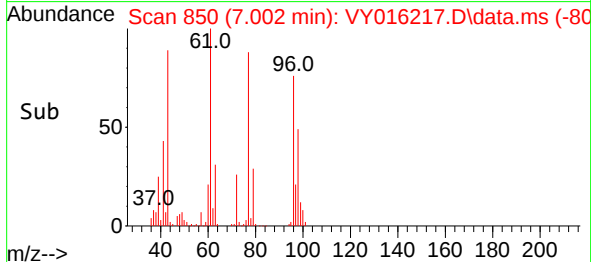
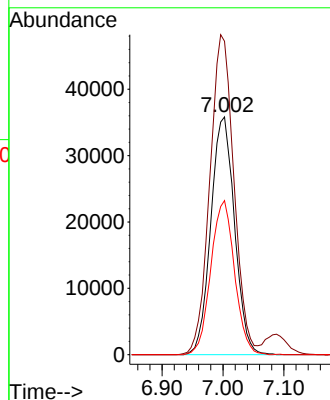
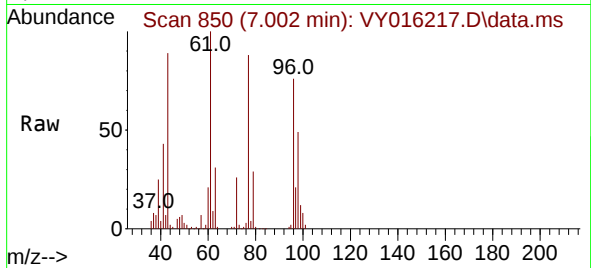
Tgt Ion:	96	Resp:	9704
Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	301.4
98	64.8	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#28

Bromochloromethane

Concen: 54.061 ug/l

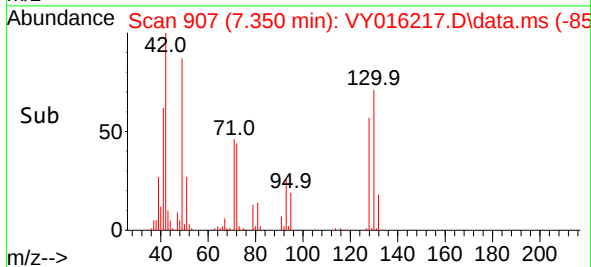
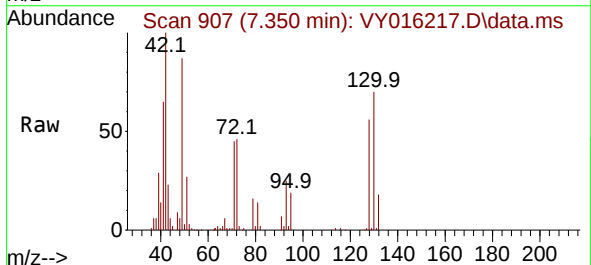
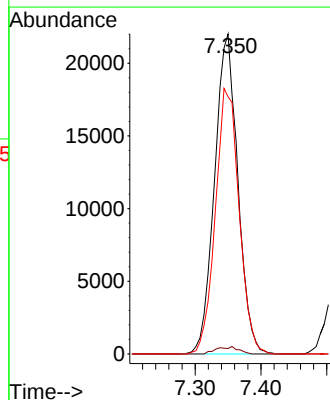
RT: 7.350 min Scan# 907

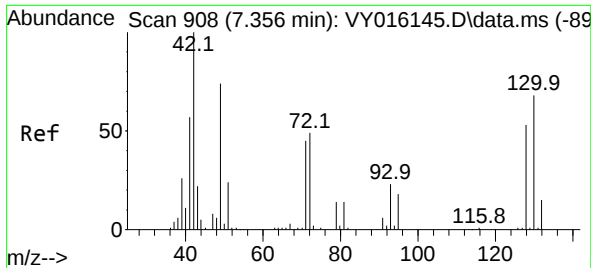
Delta R.T. 0.006 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

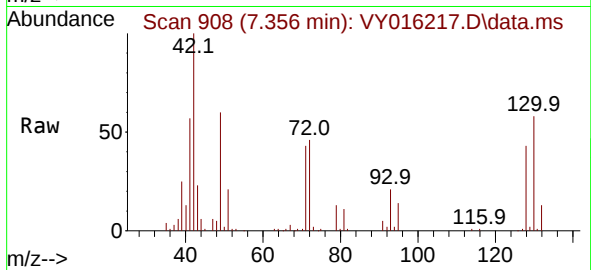
Tgt Ion:	49	Resp:	54236
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	84.6	60.7	91.1





#29
Tetrahydrofuran
Concen: 295.620 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

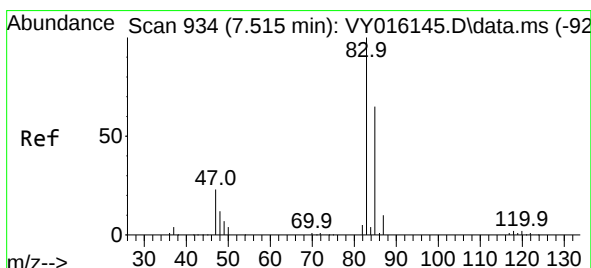
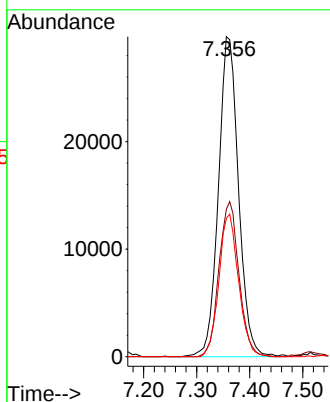
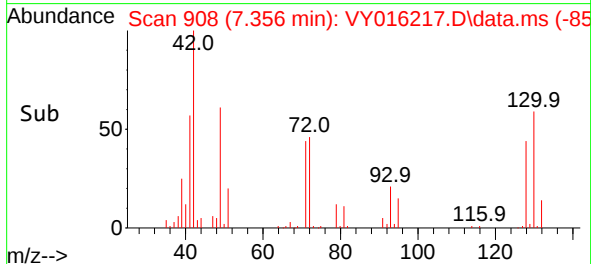
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



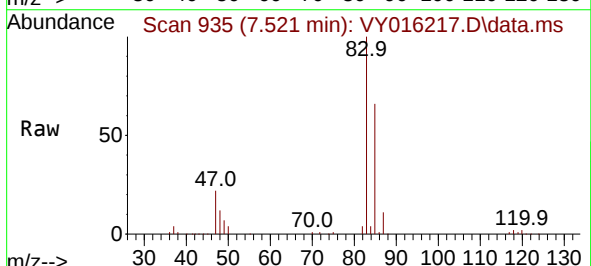
Tgt Ion: 42 Resp: 7828
Ion Ratio Lower Upper
42 100
72 48.1 32.8 49.2
71 43.7 31.0 46.4

Manual Integrations
APPROVED

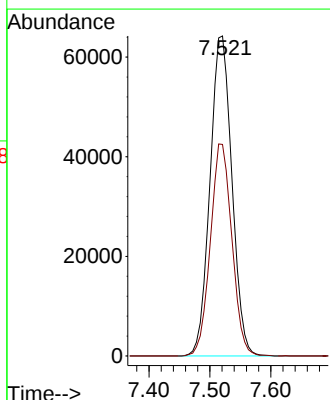
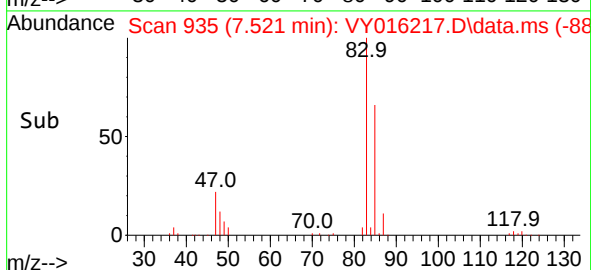
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

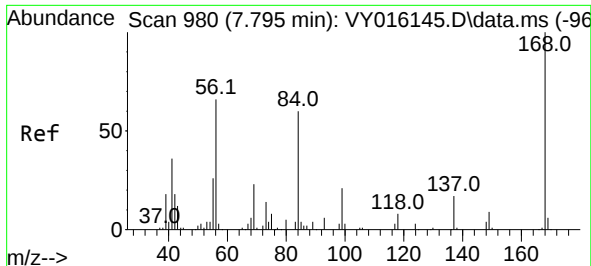


#30
Chloroform
Concen: 54.988 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



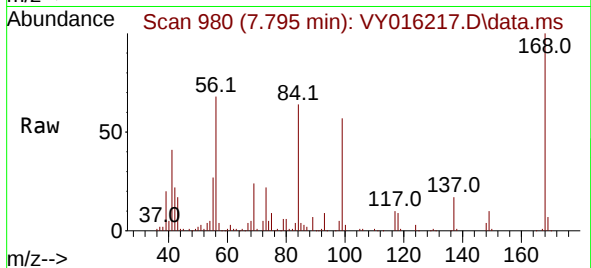
Tgt Ion: 83 Resp: 160502
Ion Ratio Lower Upper
83 100
85 66.1 49.7 74.5





#31
Cyclohexane
Concen: 50.023 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

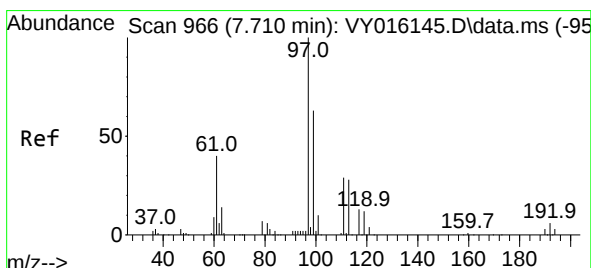
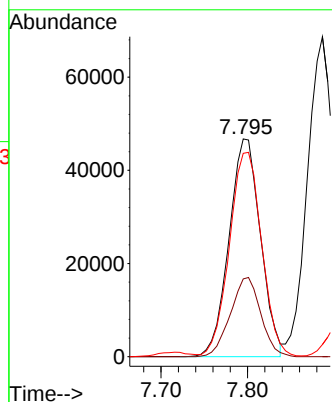
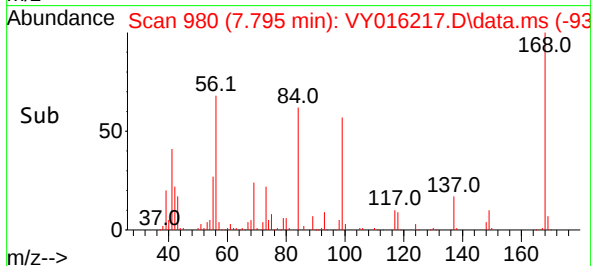
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



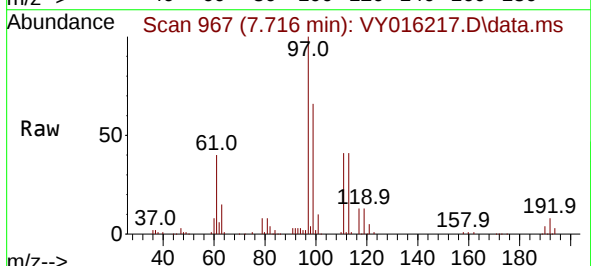
Tgt Ion: 56 Resp: 11774
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.6
84 91.4 66.4 99.6

Manual Integrations
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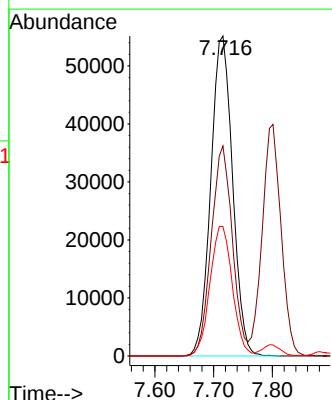
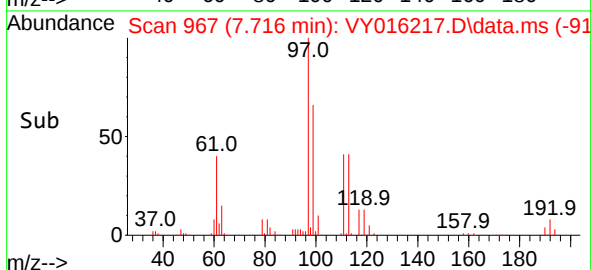
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

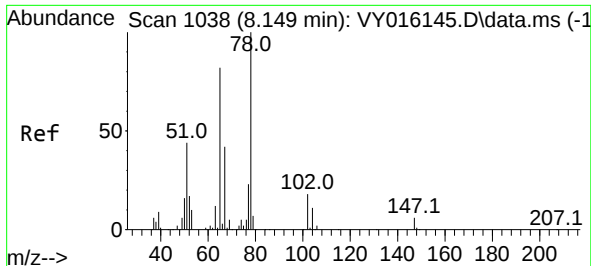


#32
1,1,1-Trichloroethane
Concen: 53.032 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



Tgt Ion: 97 Resp: 141957
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.291 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 78530

Ion Ratio Lower Upper

65 100

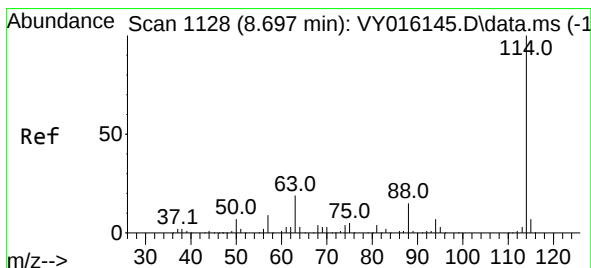
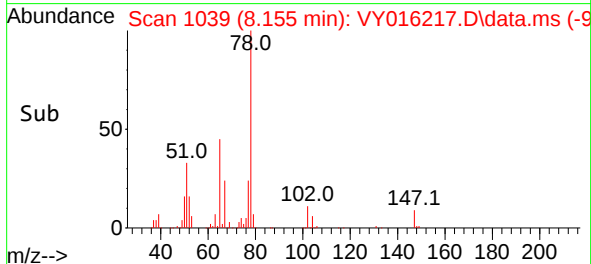
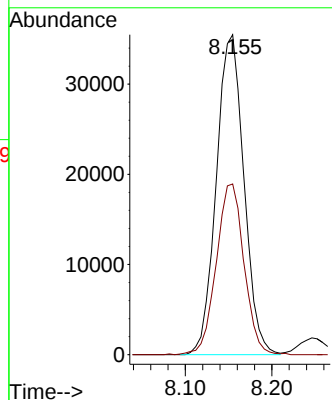
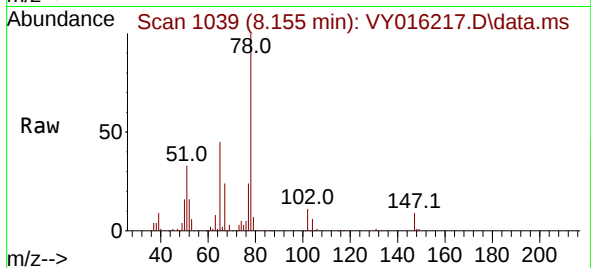
67 53.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

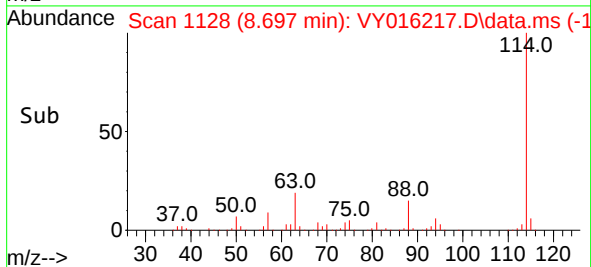
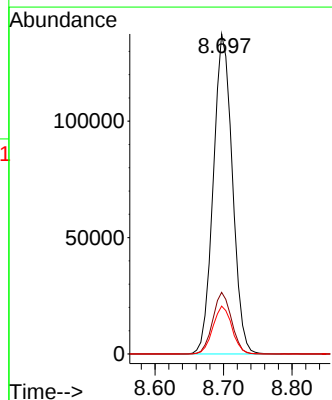
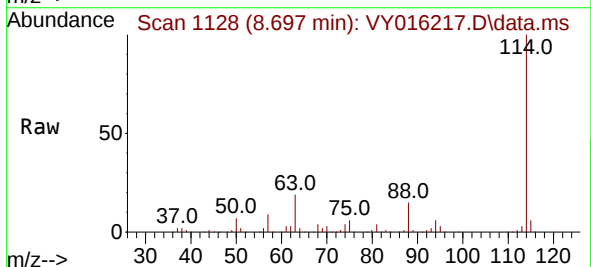
Tgt Ion:114 Resp: 264997

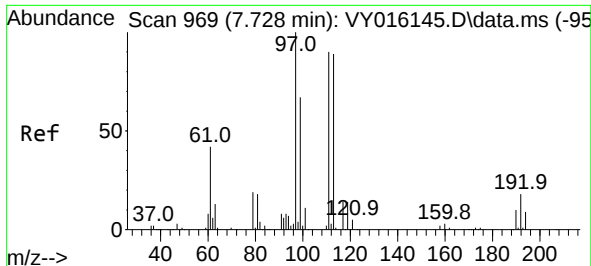
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.9 0.0 30.6





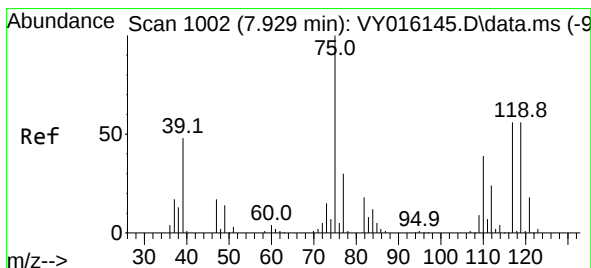
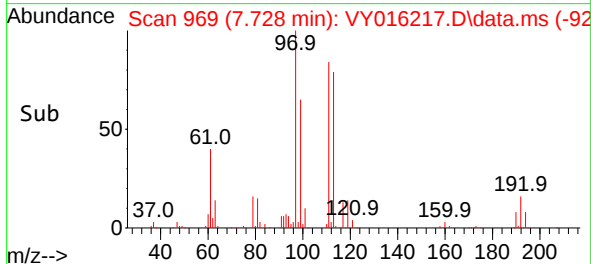
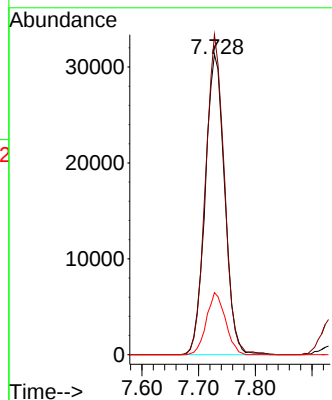
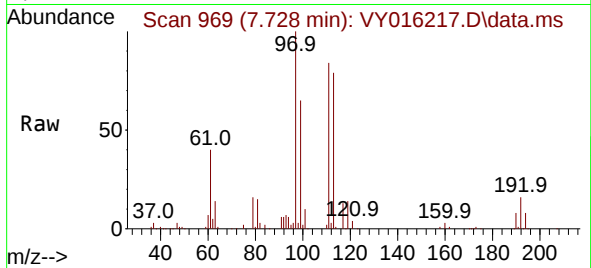
#35
Dibromofluoromethane
Concen: 47.259 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 74662
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.2 16.9 25.3

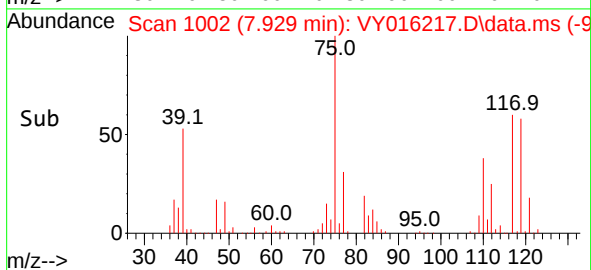
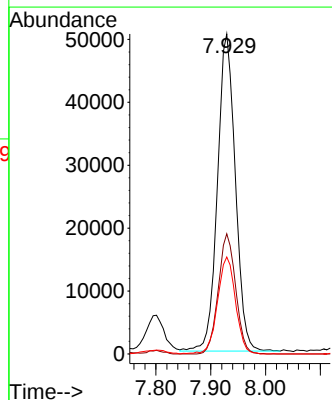
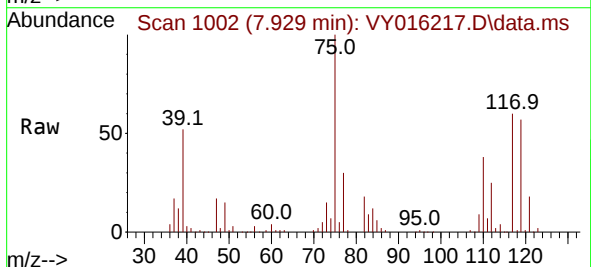
Manual Integrations
APPROVED

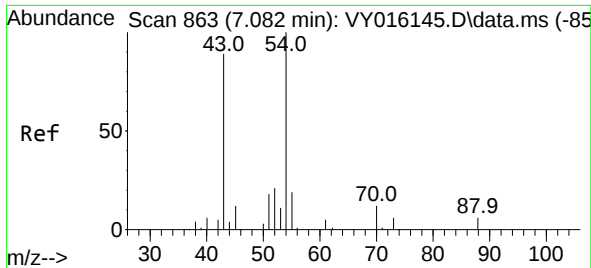
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#36
1,1-Dichloropropene
Concen: 50.143 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion: 75 Resp: 114390
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 30.8 24.4 36.6





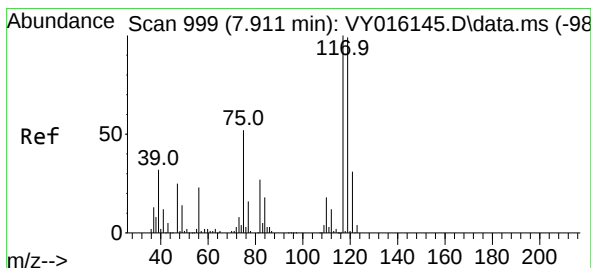
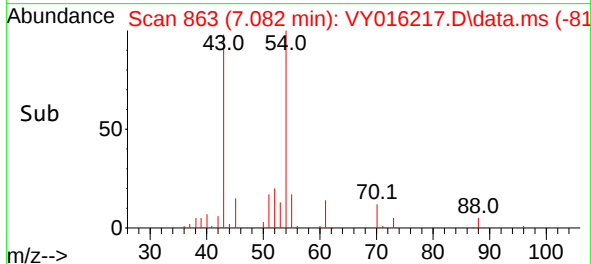
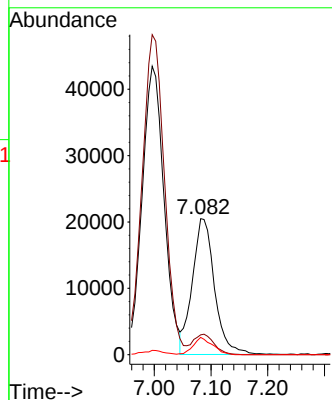
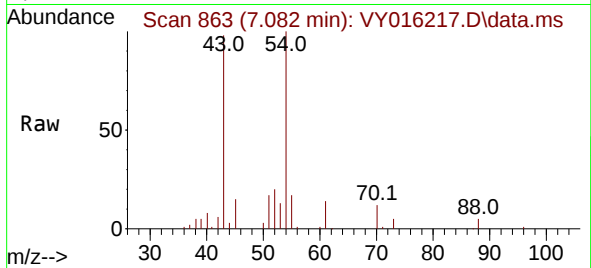
#37
Ethyl Acetate
Concen: 54.790 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5567
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 11.1 7.1 10.7

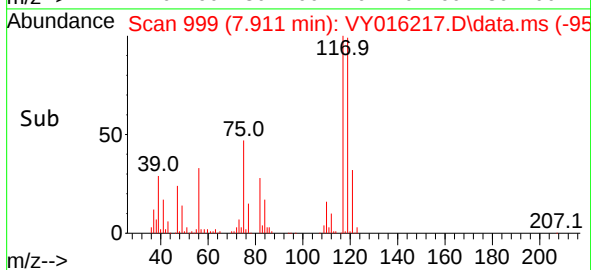
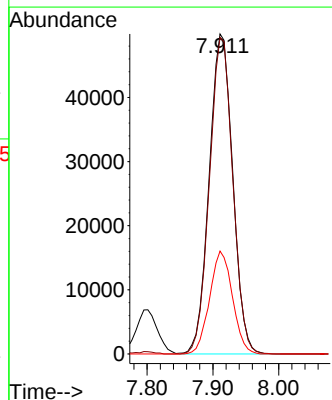
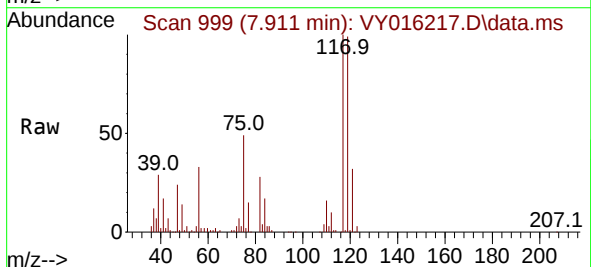
Manual Integrations
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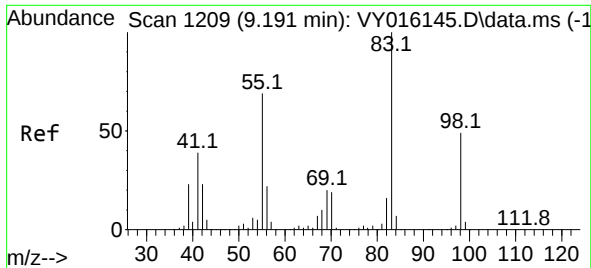
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#38
Carbon Tetrachloride
Concen: 55.035 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion:117 Resp: 124384
Ion Ratio Lower Upper
117 100
119 98.9 76.4 114.6
121 32.2 25.8 38.6





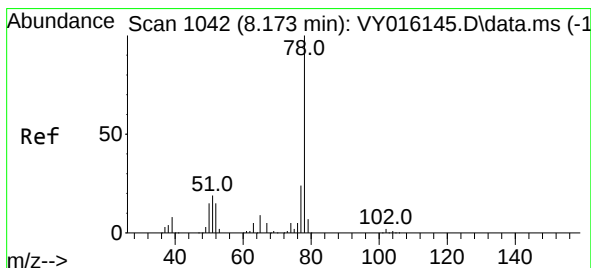
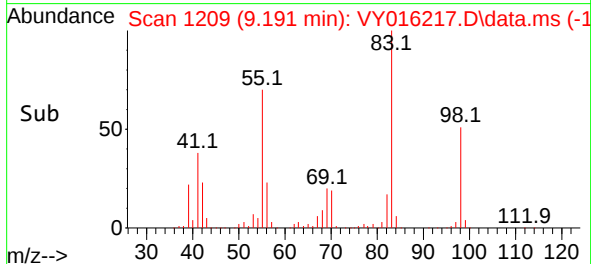
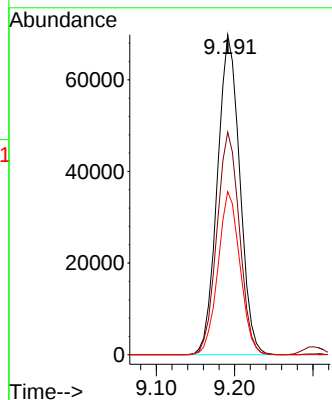
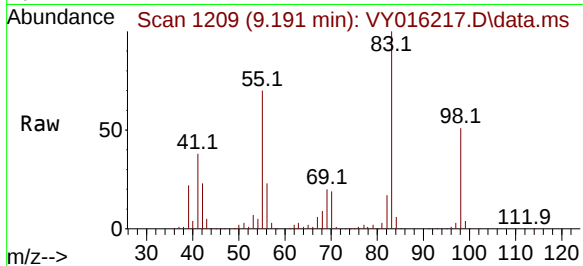
#39
Methylcyclohexane
Concen: 50.993 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13885
Ion Ratio Lower Upper
83 100
55 69.6 63.0 94.4
98 51.0 37.4 56.2

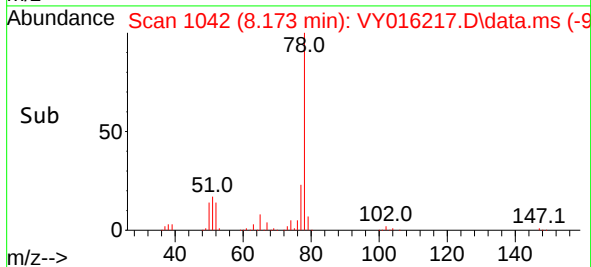
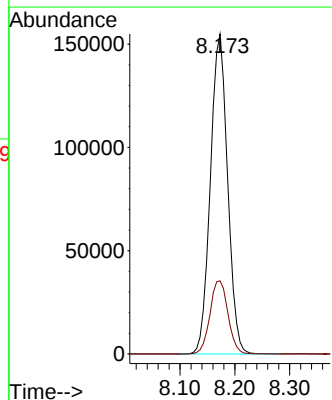
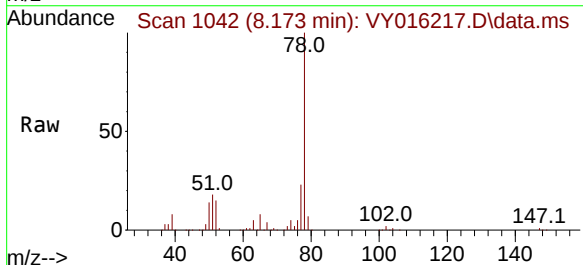
Manual Integrations
APPROVED

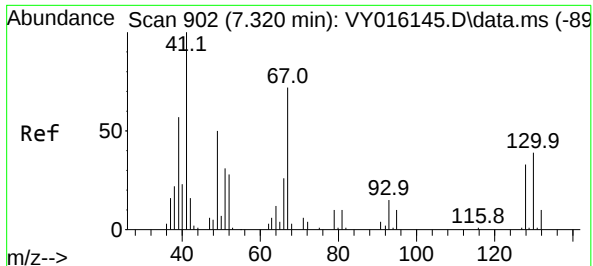
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#40
Benzene
Concen: 51.422 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

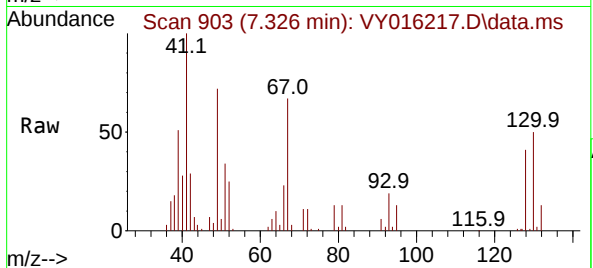
Tgt Ion: 78 Resp: 336779
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6





#41
Methacrylonitrile
Concen: 49.032 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

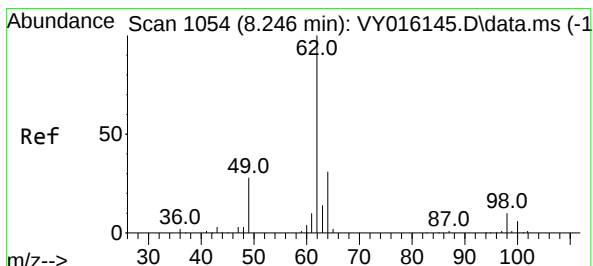
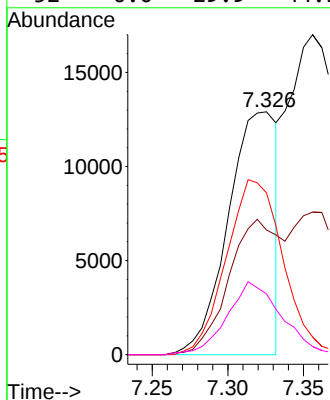
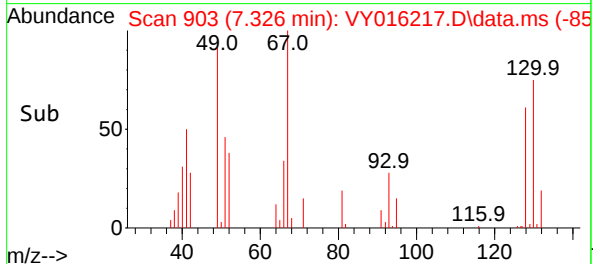
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 28918
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

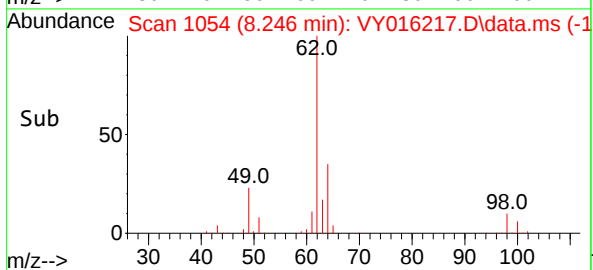
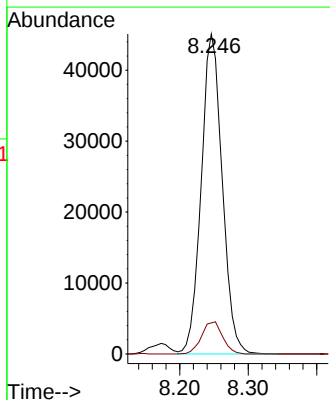
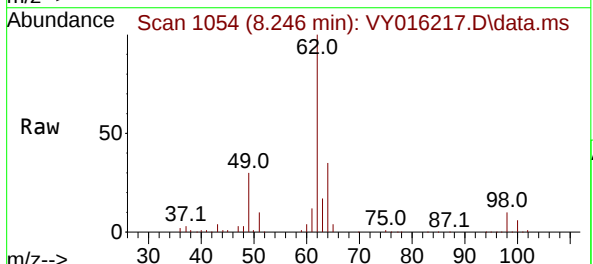
Manual Integrations
APPROVED

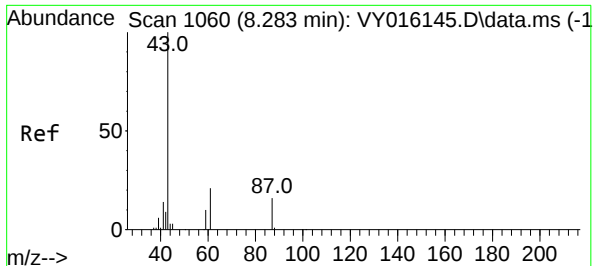
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 52.671 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

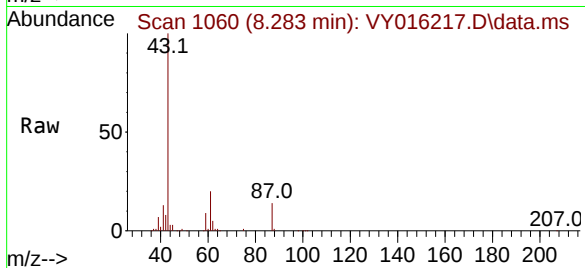
Tgt Ion: 62 Resp: 96265
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 55.008 ug/l
RT: 8.283 min Scan# 11055
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

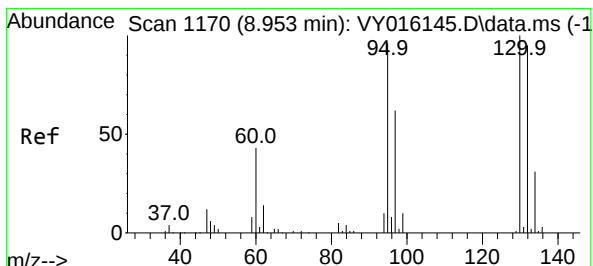
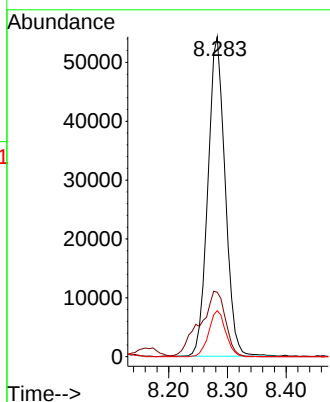
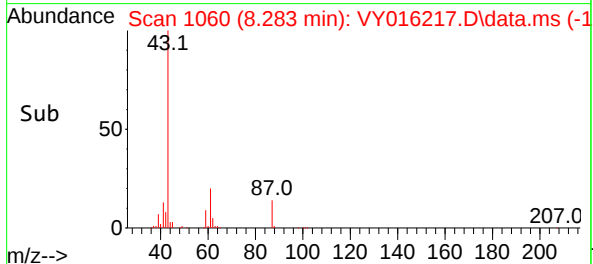
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11055
Ion Ratio Lower Upper
43 100
61 30.4 21.1 31.7
87 14.2 9.8 14.8

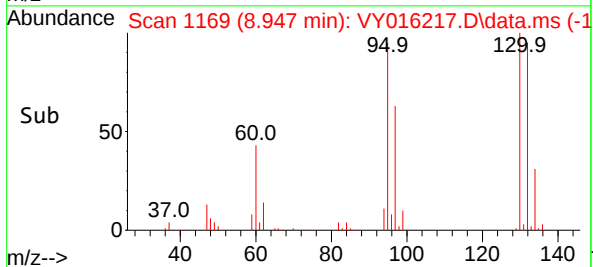
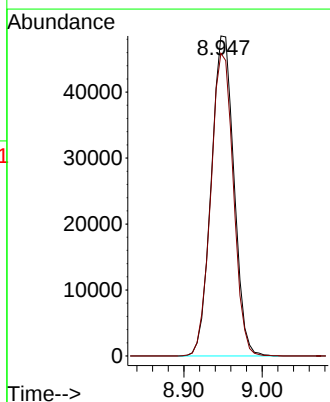
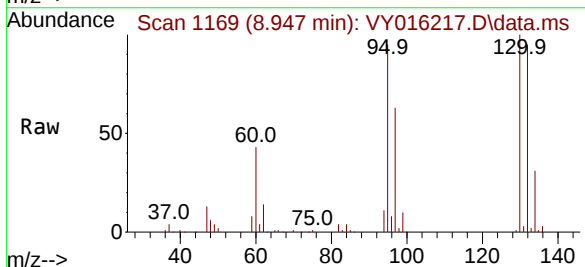
Manual Integrations
APPROVED

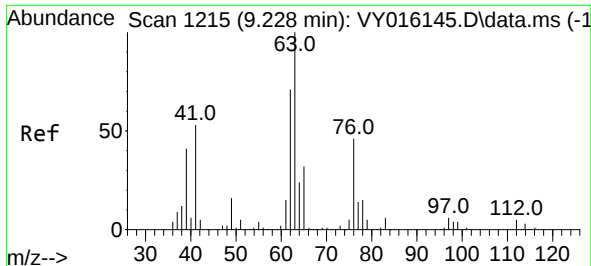
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#44
Trichloroethene
Concen: 50.966 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion:130 Resp: 97680
Ion Ratio Lower Upper
130 100
95 94.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.040 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8514

Ion Ratio Lower Upper

63 100

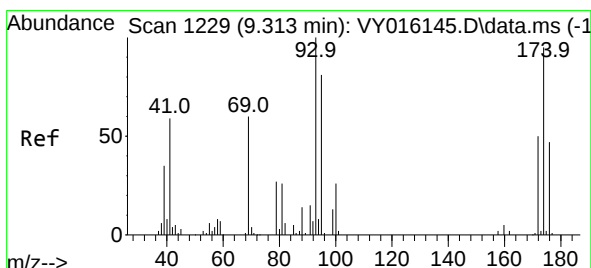
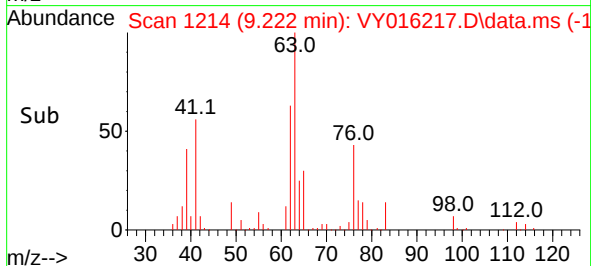
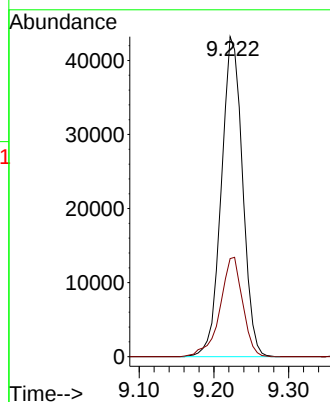
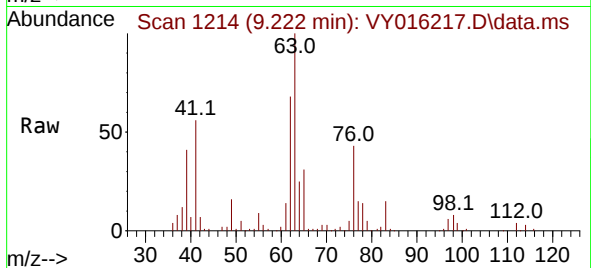
65 30.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#46

Dibromomethane

Concen: 53.515 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

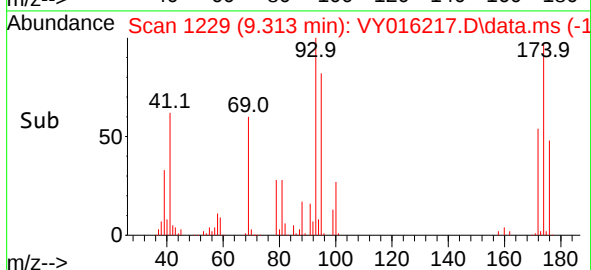
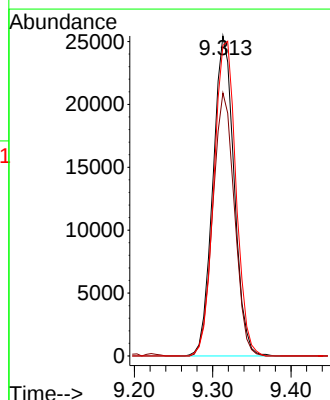
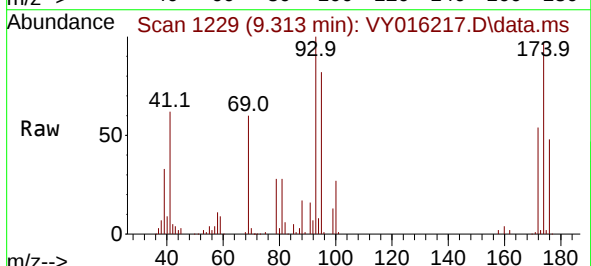
Tgt Ion: 93 Resp: 47829

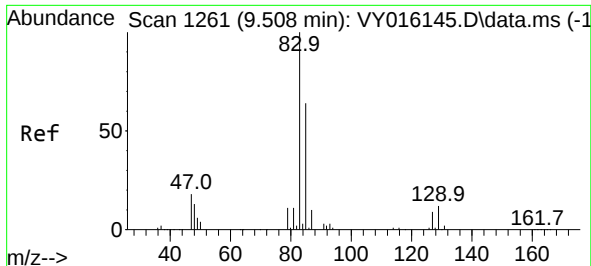
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 102.3 84.8 127.2





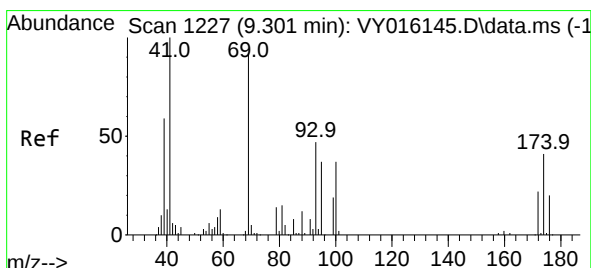
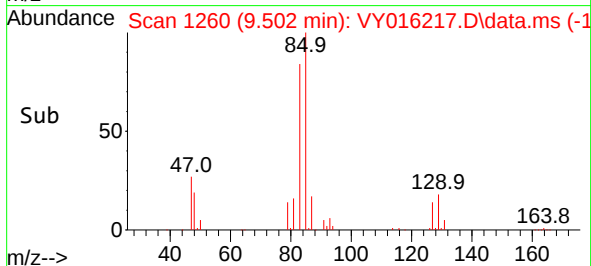
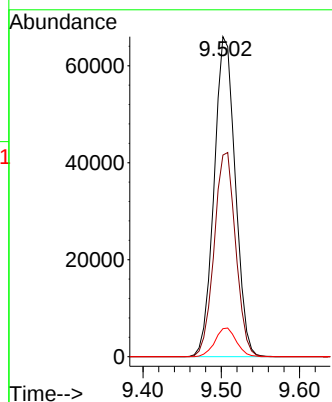
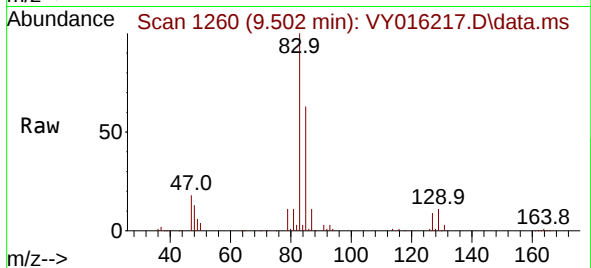
#47
Bromodichloromethane
Concen: 54.597 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 123978
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.7 7.1 10.7

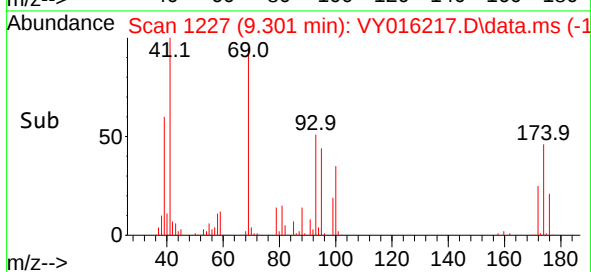
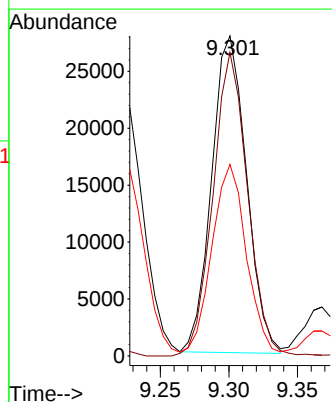
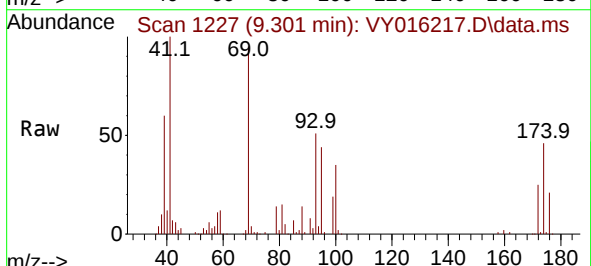
Manual Integrations
APPROVED

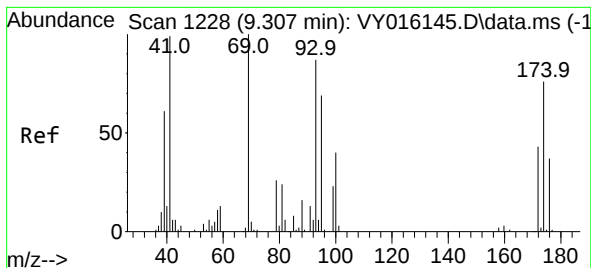
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#48
Methyl methacrylate
Concen: 53.839 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion: 41 Resp: 49205
Ion Ratio Lower Upper
41 100
69 95.1 64.5 96.7
39 60.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1027.932 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1089

Ion Ratio Lower Upper

88 100

43 32.3 0.0 0.0

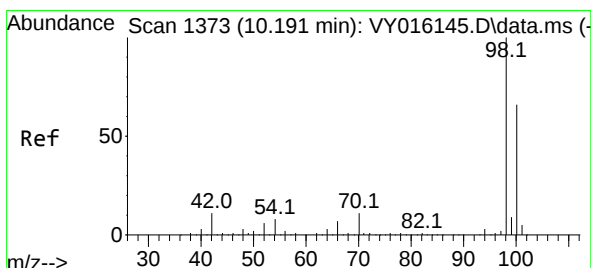
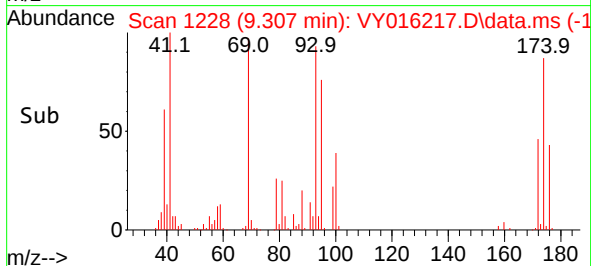
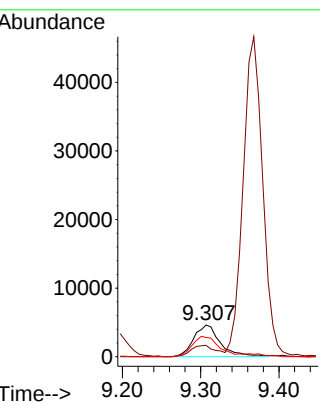
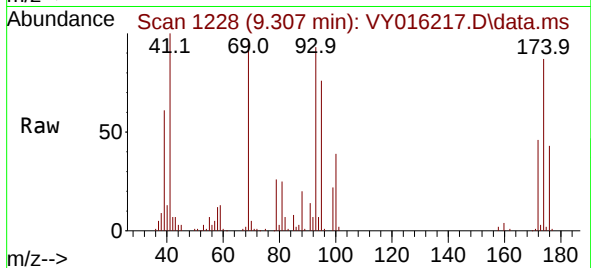
58 65.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#50

Toluene-d8

Concen: 48.873 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016217.D

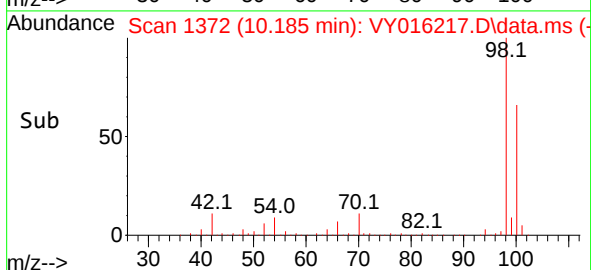
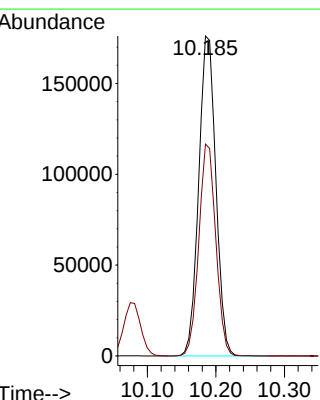
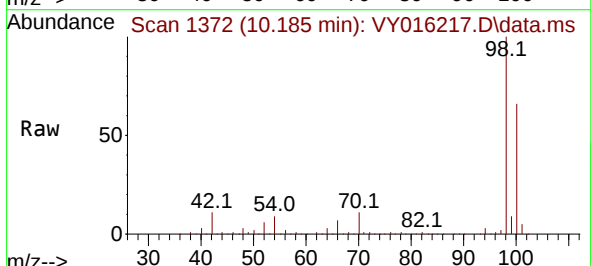
Acq: 03 Nov 2023 17:17

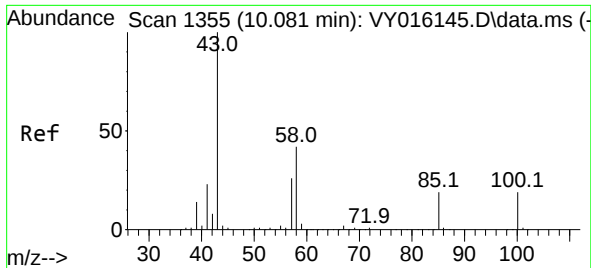
Tgt Ion: 98 Resp: 306126

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





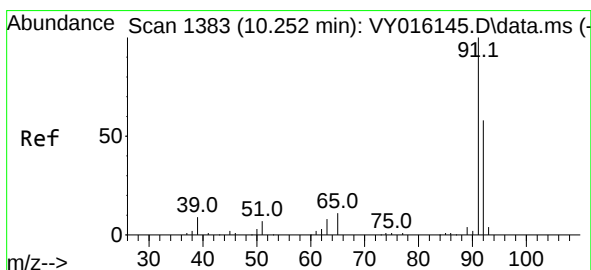
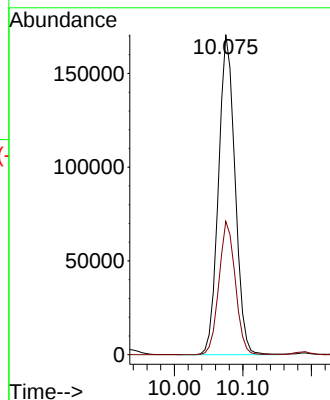
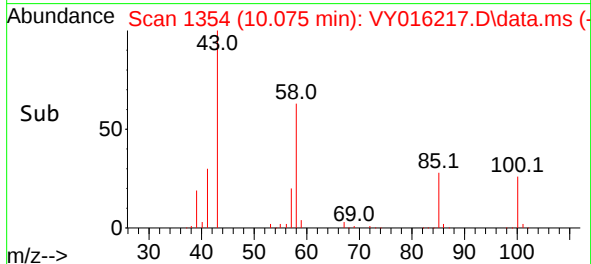
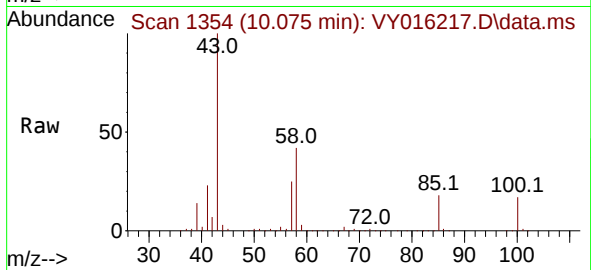
#51
4-Methyl-2-Pentanone
Concen: 284.693 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28550
Ion Ratio Lower Upper
43 100
58 41.3 29.0 43.6

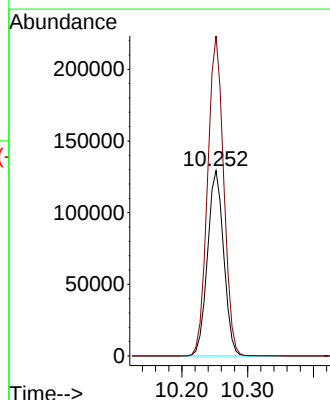
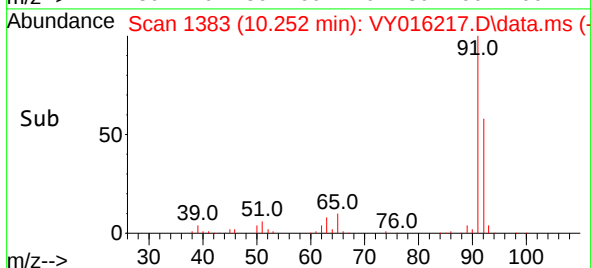
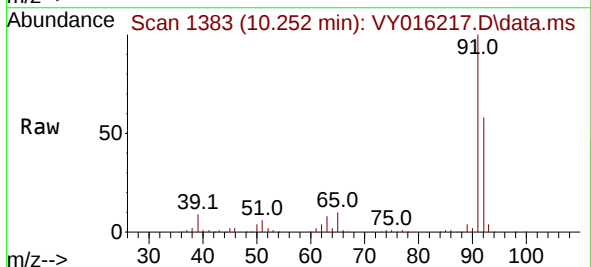
Manual Integrations
APPROVED

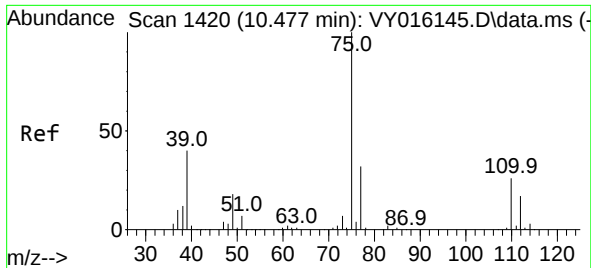
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 52.073 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

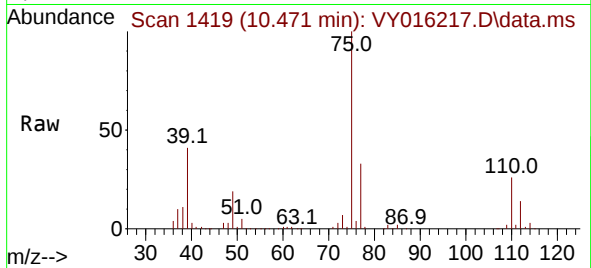
Tgt Ion: 92 Resp: 220991
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 54.570 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016217.D
 Acq: 03 Nov 2023 17:17

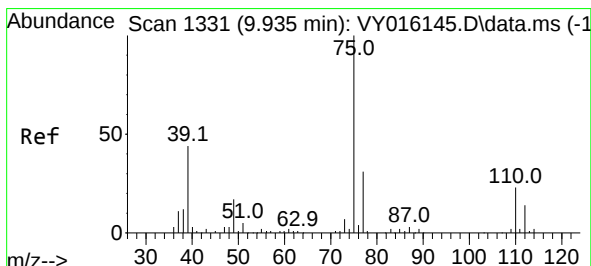
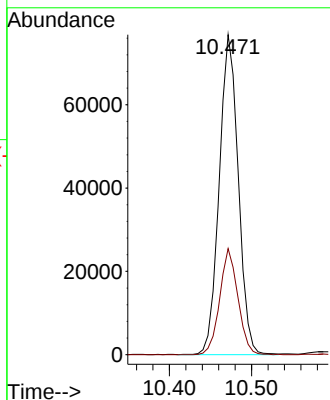
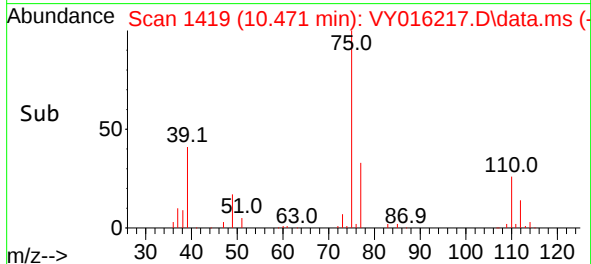
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 123704
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.0 37.4

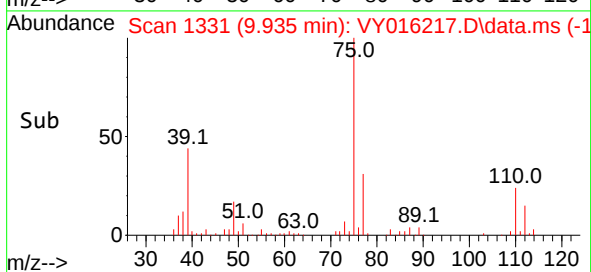
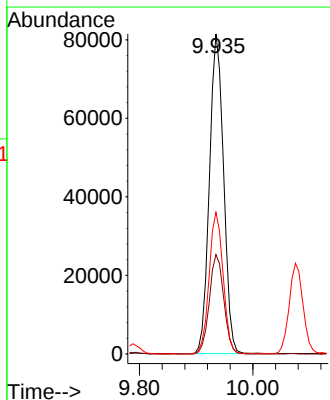
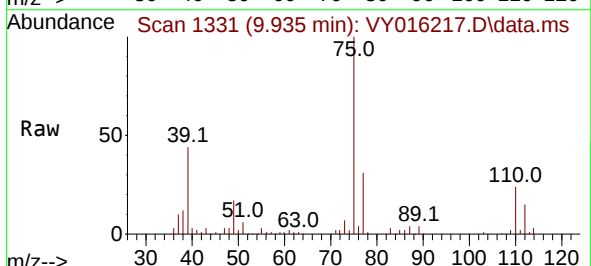
Manual Integrations
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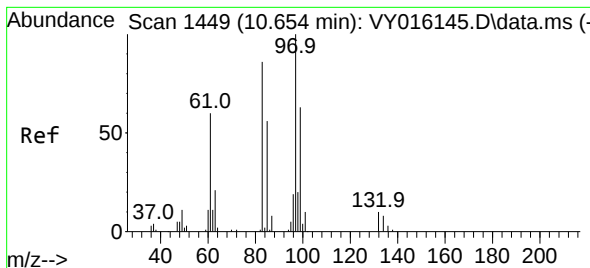
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.075 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY016217.D
 Acq: 03 Nov 2023 17:17

Tgt Ion: 75 Resp: 141178
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 44.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 53.506 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 6726

Ion Ratio Lower Upper

97 100

83 85.7 72.0 108.0

85 54.8 45.4 68.0

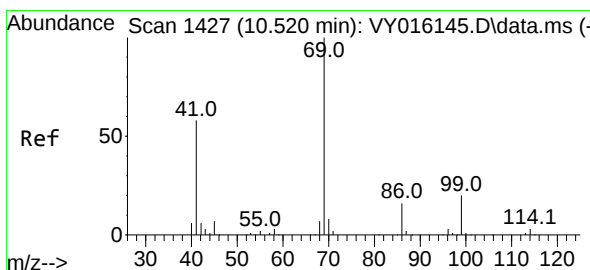
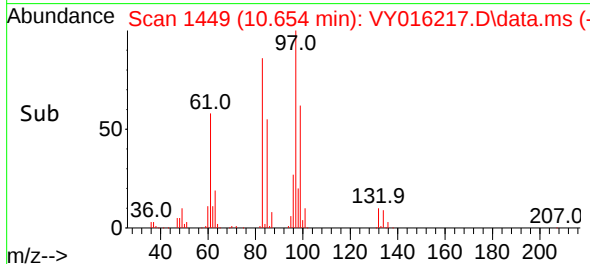
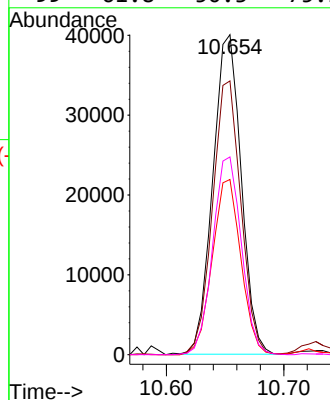
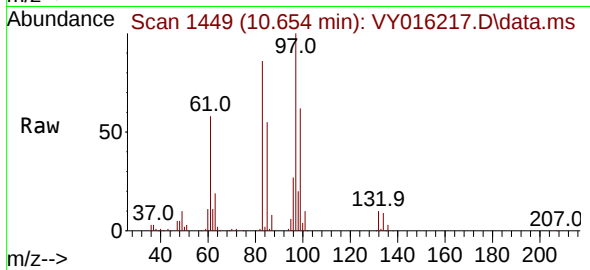
99 61.8 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#56

Ethyl methacrylate

Concen: 56.267 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

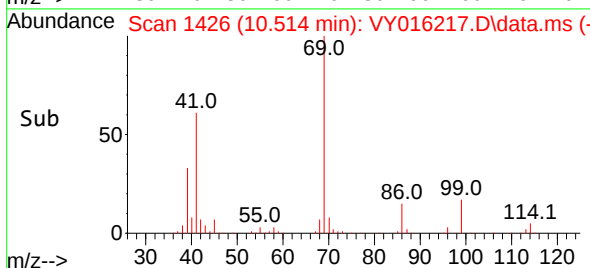
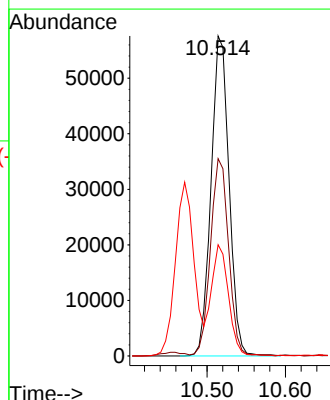
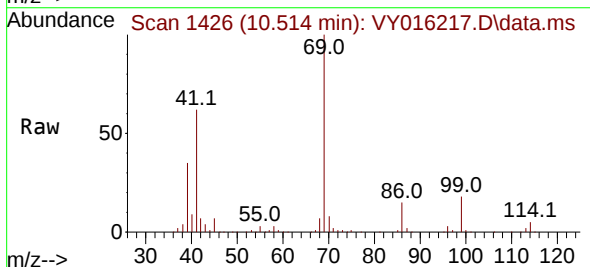
Tgt Ion: 69 Resp: 91867

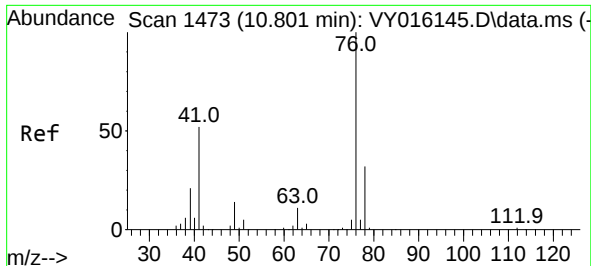
Ion Ratio Lower Upper

69 100

41 62.1 57.6 86.4

39 33.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 52.985 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 113400

Ion Ratio Lower Upper

76 100

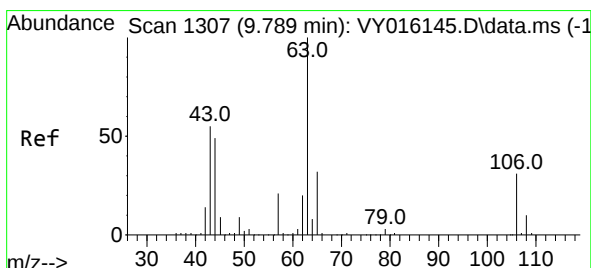
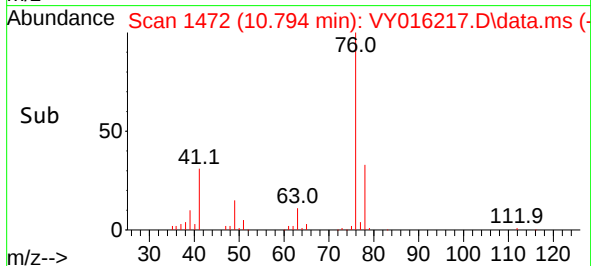
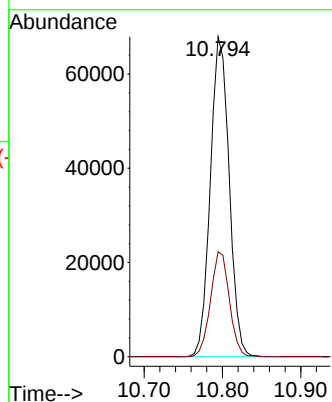
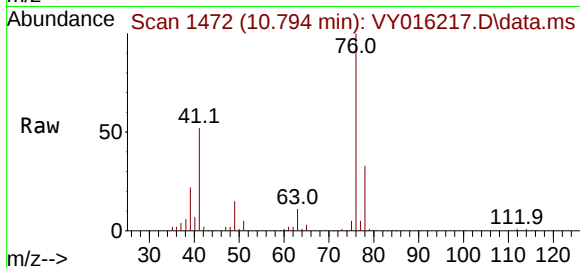
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 262.979 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016217.D

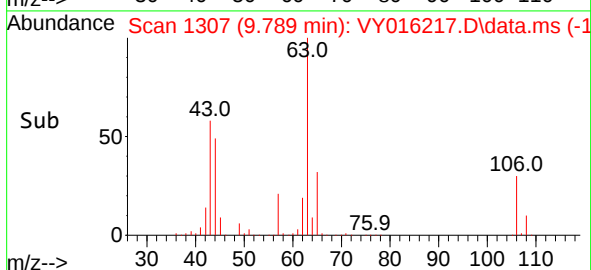
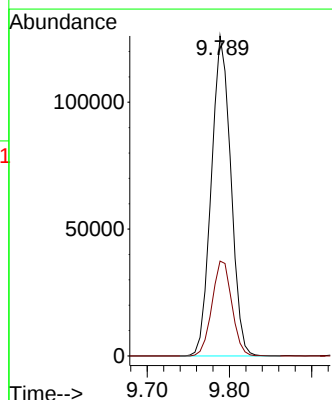
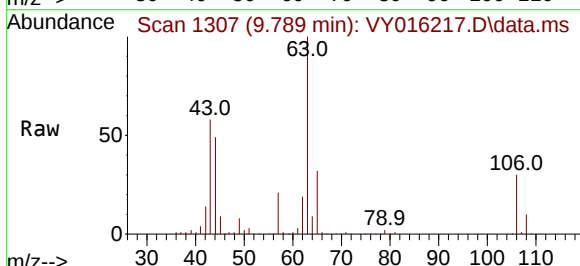
Acq: 03 Nov 2023 17:17

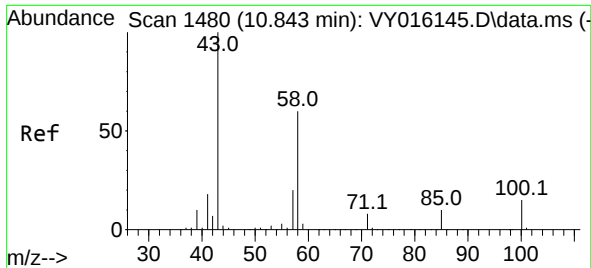
Tgt Ion: 63 Resp: 208202

Ion Ratio Lower Upper

63 100

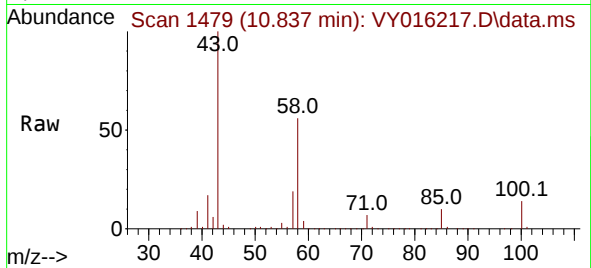
106 30.1 21.2 31.8





#59
2-Hexanone
Concen: 285.885 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

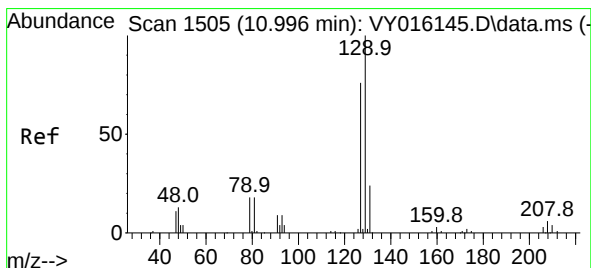
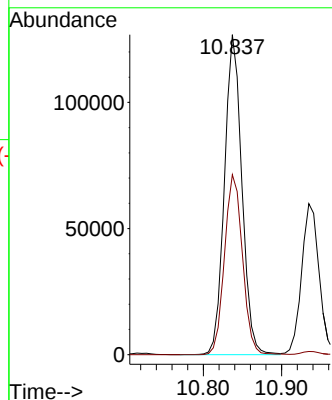
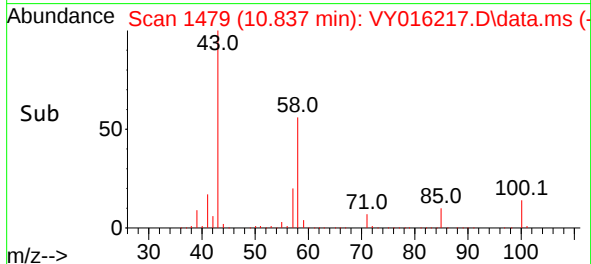
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 196464
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3

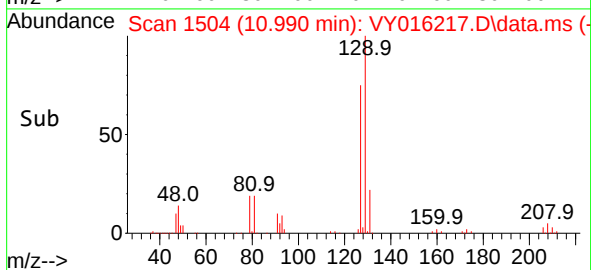
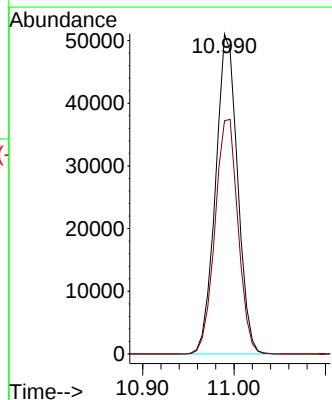
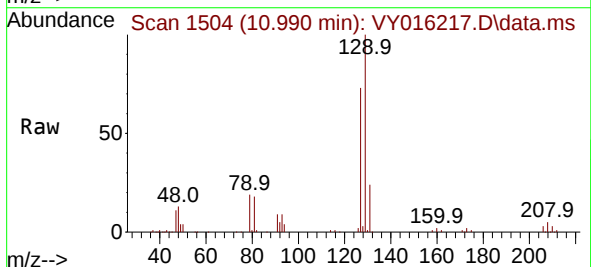
Manual Integrations
APPROVED

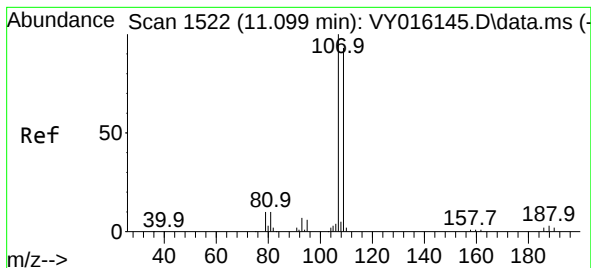
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 54.160 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

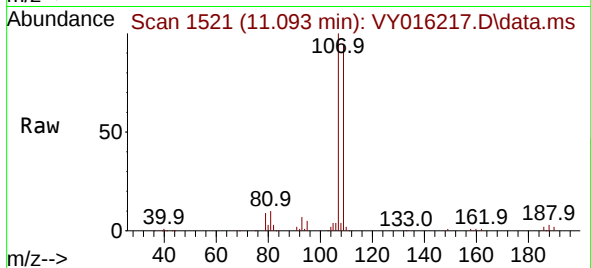
Tgt Ion:129 Resp: 85422
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 53.554 ug/l
RT: 11.093 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

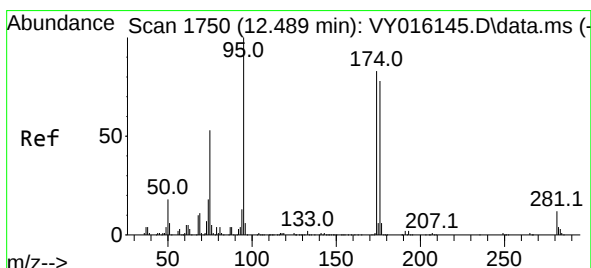
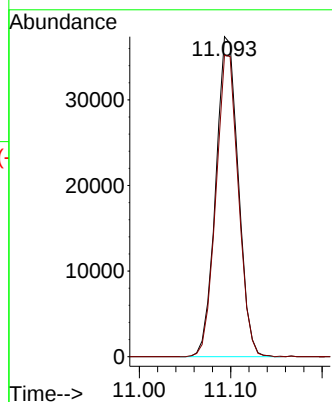
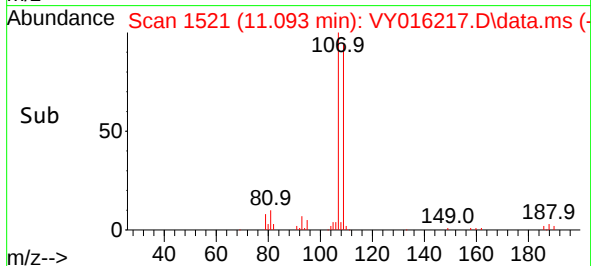
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



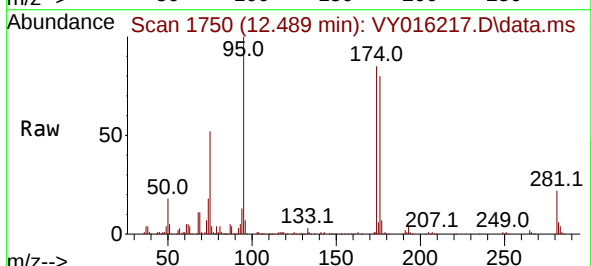
Tgt Ion:107 Resp: 64040
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

Manual Integrations
APPROVED

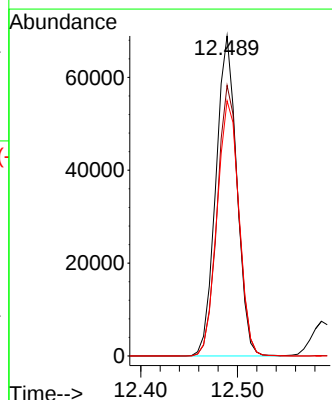
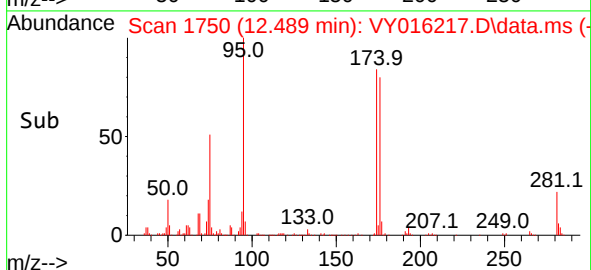
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

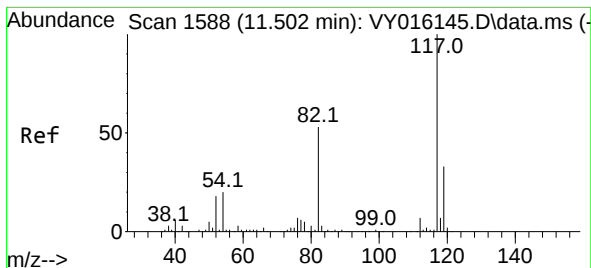


#62
4-Bromofluorobenzene
Concen: 48.291 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



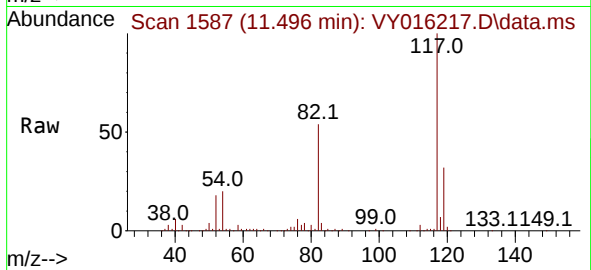
Tgt Ion: 95 Resp: 103433
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

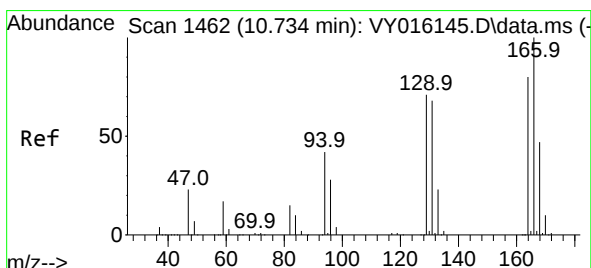
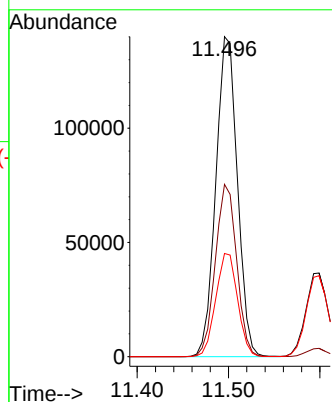
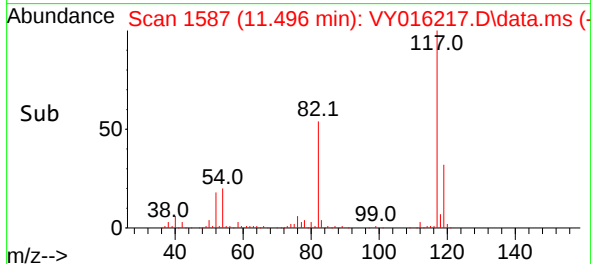
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 229970
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.2 26.3 39.5

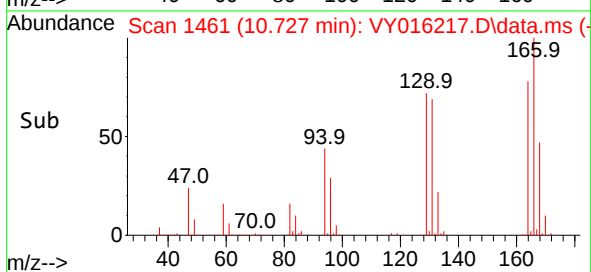
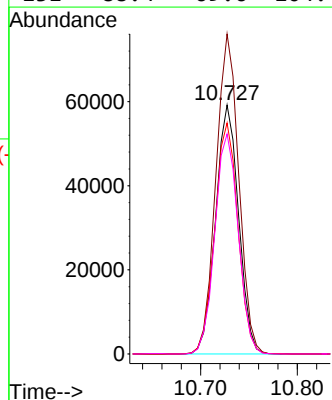
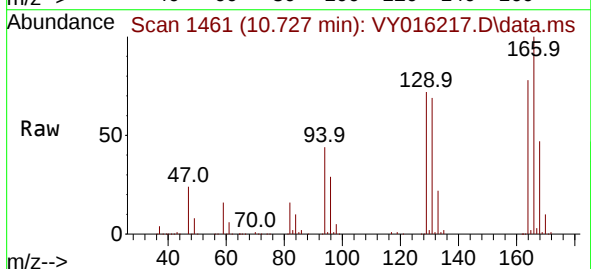
Manual Integrations
APPROVED

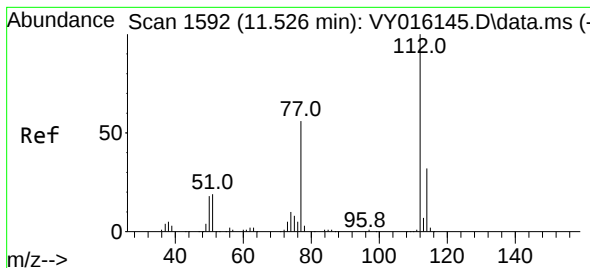
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#64
Tetrachloroethene
Concen: 47.795 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion:164 Resp: 97768
Ion Ratio Lower Upper
164 100
166 128.5 103.0 154.6
129 92.8 77.2 115.8
131 88.4 69.6 104.4





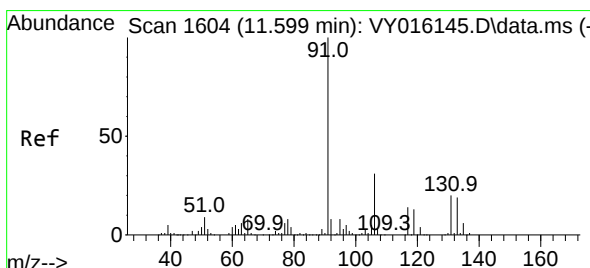
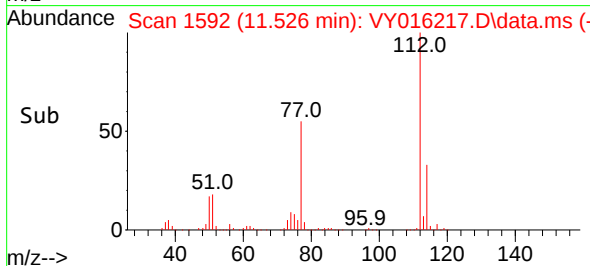
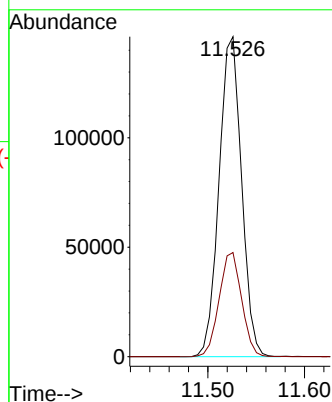
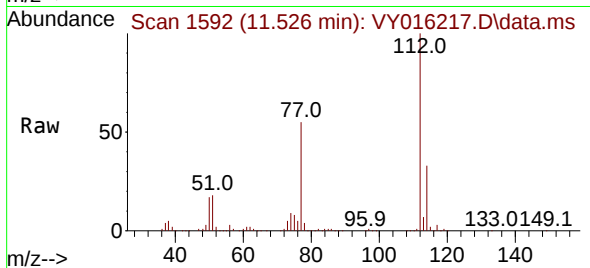
#65
Chlorobenzene
Concen: 51.670 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 236078
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

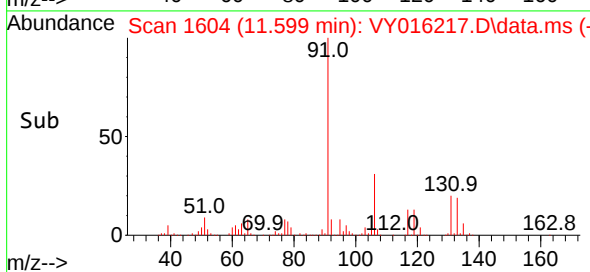
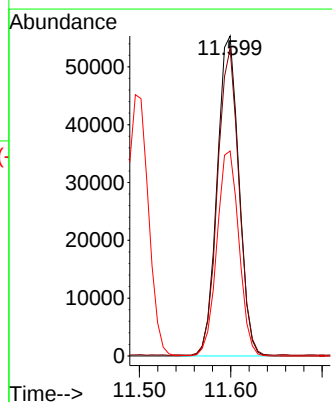
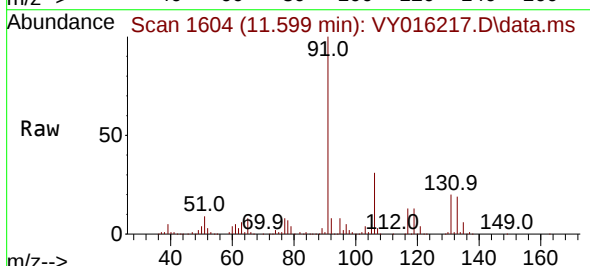
Manual Integrations
APPROVED

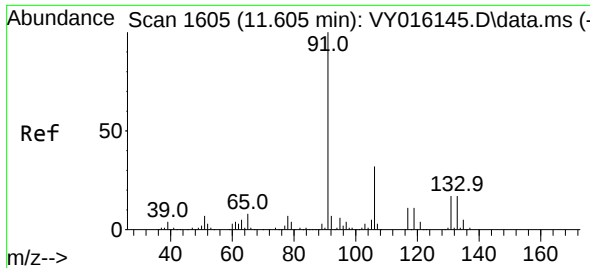
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.095 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion:131 Resp: 91544
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 64.8 31.6 94.7





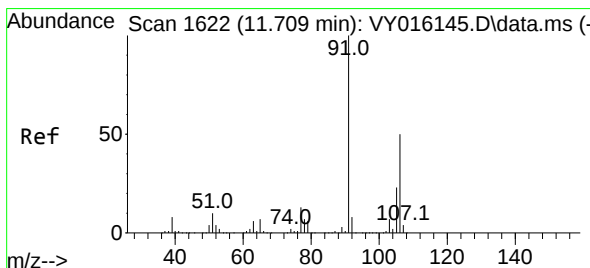
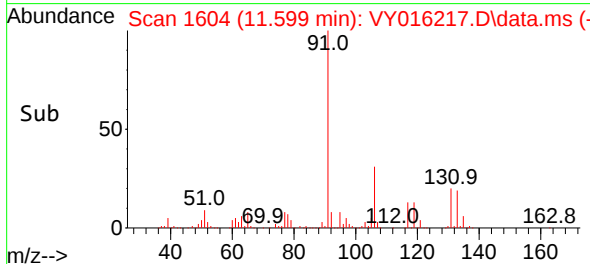
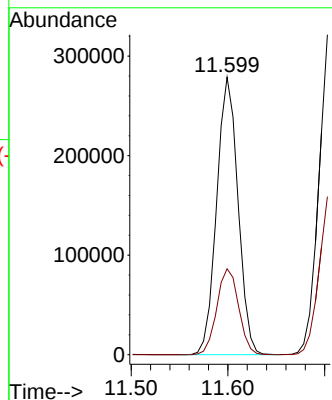
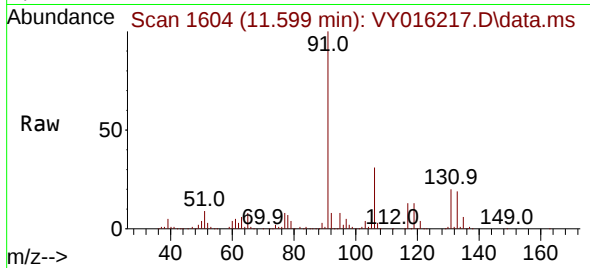
#67
Ethyl Benzene
Concen: 52.104 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 425800
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

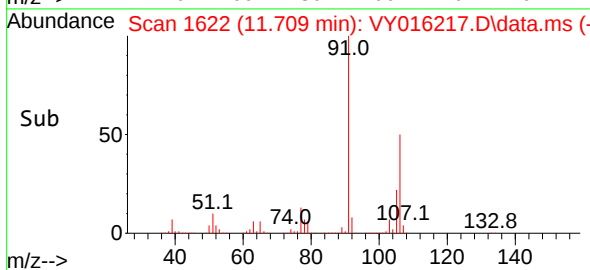
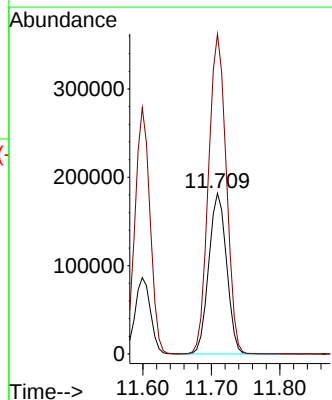
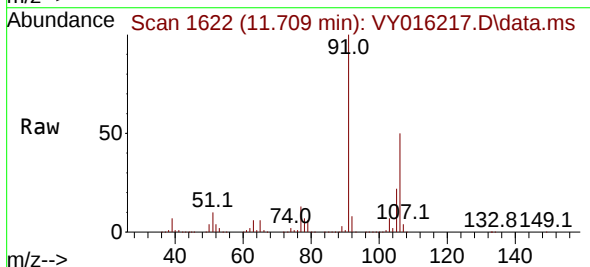
Manual Integrations
APPROVED

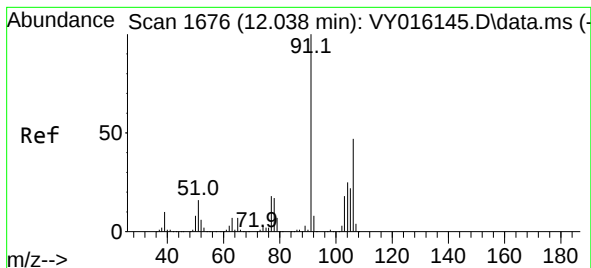
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#68
m/p-Xylenes
Concen: 104.001 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion:106 Resp: 328418
Ion Ratio Lower Upper
106 100
91 198.8 166.1 249.1





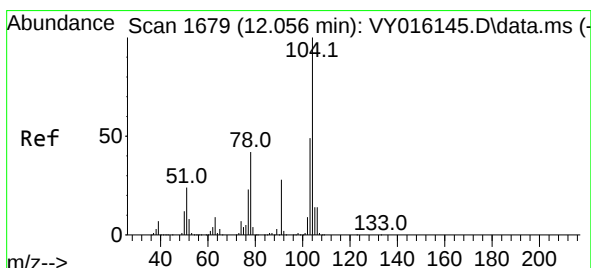
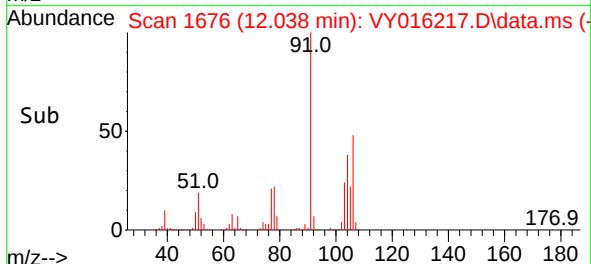
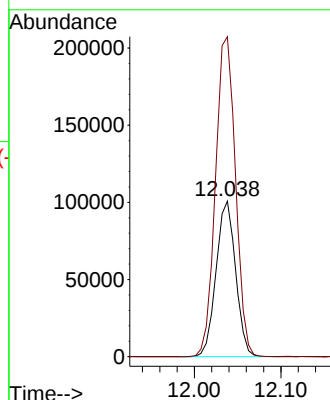
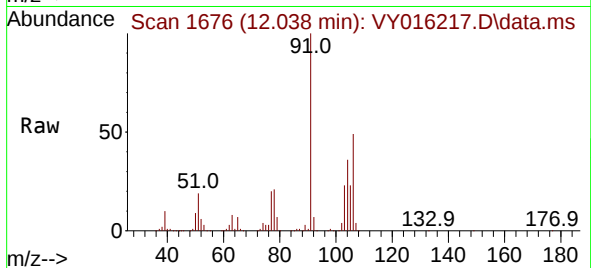
#69
o-Xylene
Concen: 52.302 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 157693
Ion Ratio Lower Upper
106 100
91 211.3 108.1 324.3

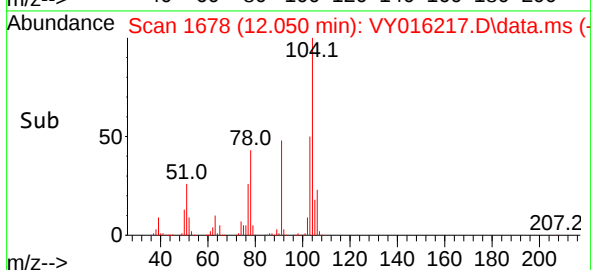
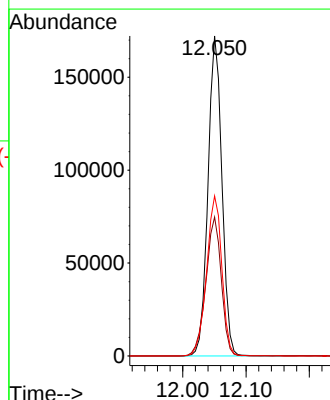
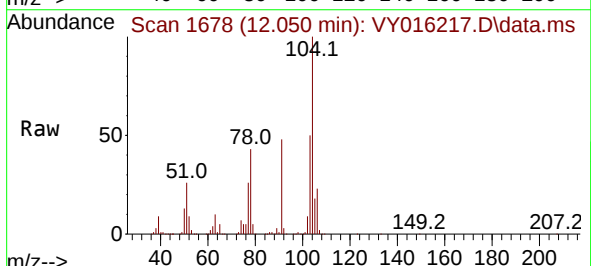
Manual Integrations
APPROVED

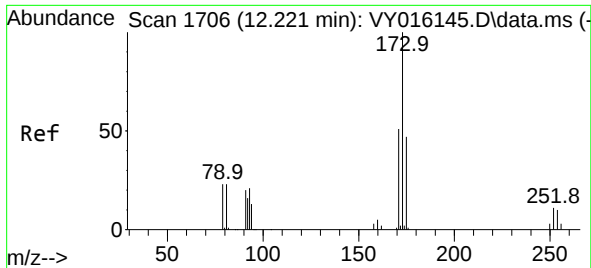
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 52.710 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

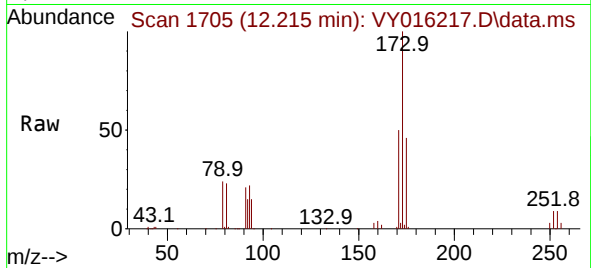
Tgt Ion:104 Resp: 264198
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 54.7 44.6 67.0





#71
Bromoform
Concen: 55.313 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

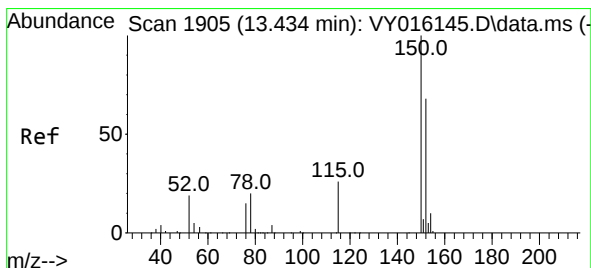
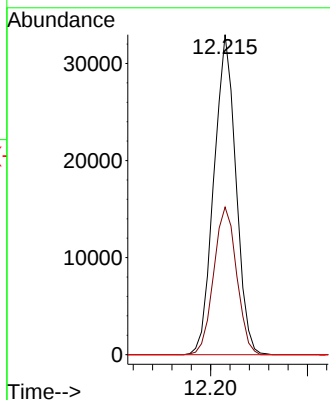
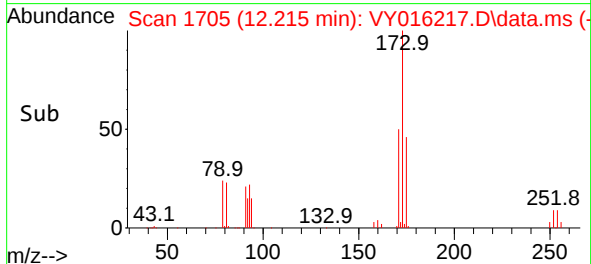
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



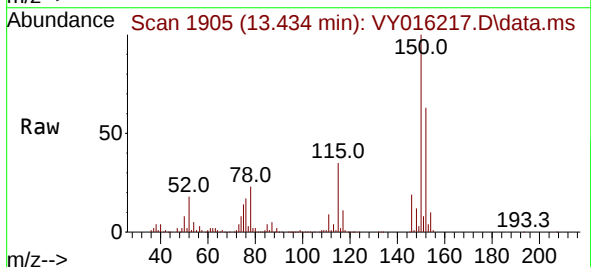
Tgt Ion:173 Resp: 51929
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

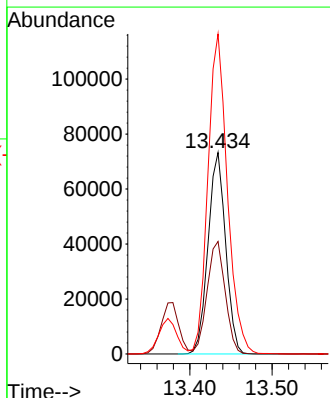
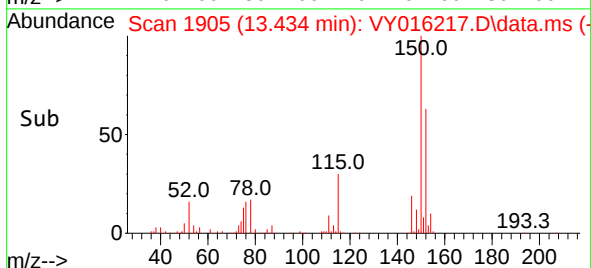
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

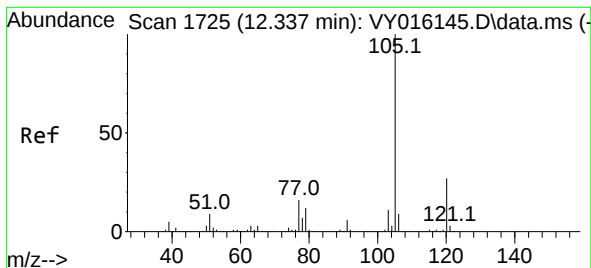


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



Tgt Ion:152 Resp: 109003
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 176.0 0.0 348.8





#73

Isopropylbenzene

Concen: 51.604 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 42194

Ion Ratio Lower Upper

105 100

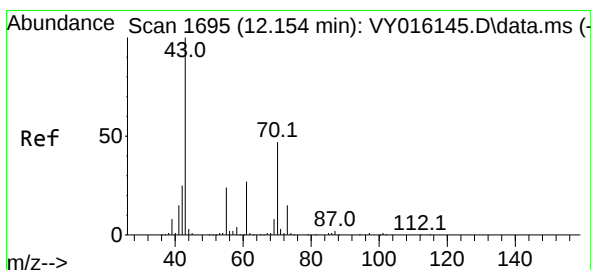
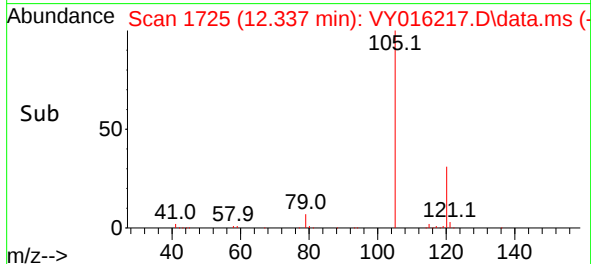
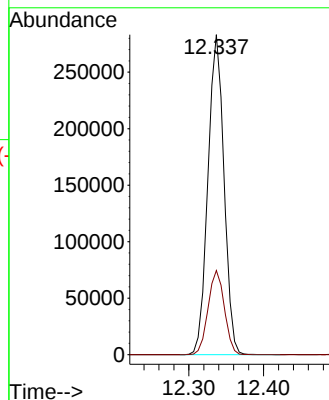
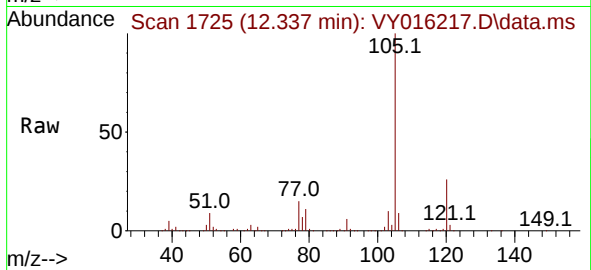
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#74

N-ethyl acetate

Concen: 55.269 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Tgt Ion: 43 Resp: 98203

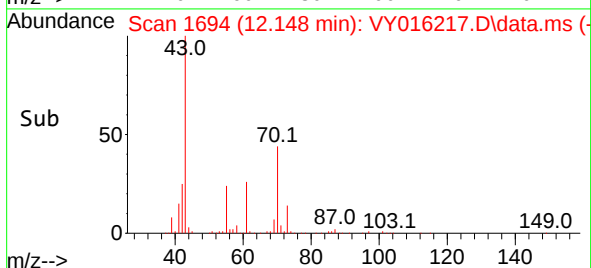
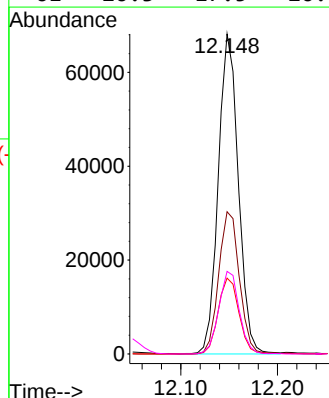
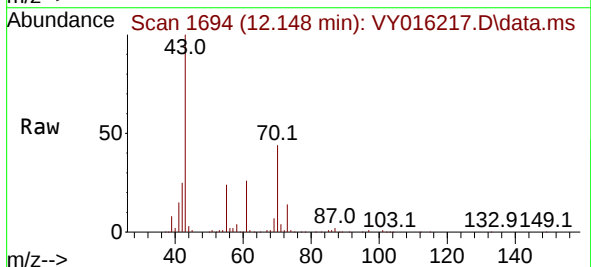
Ion Ratio Lower Upper

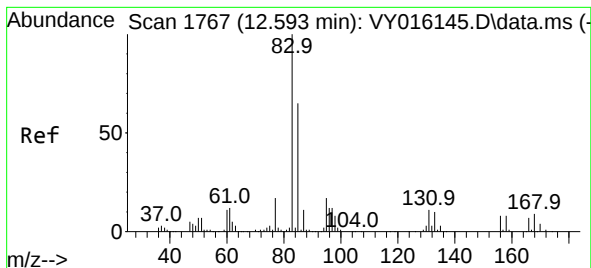
43 100

70 45.8 29.7 44.5#

55 24.6 18.3 27.5

61 26.3 17.5 26.3#





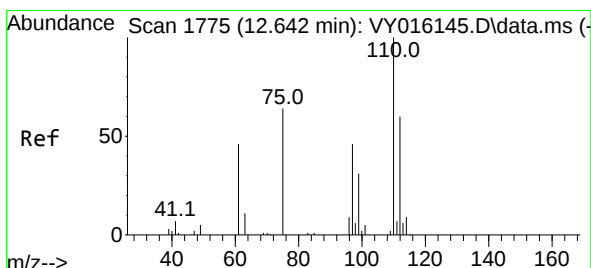
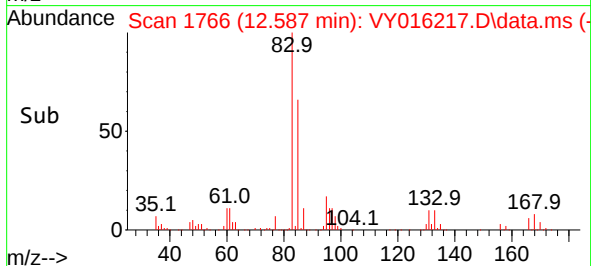
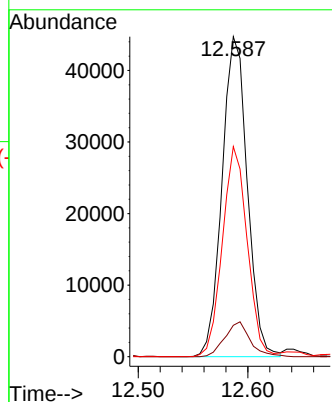
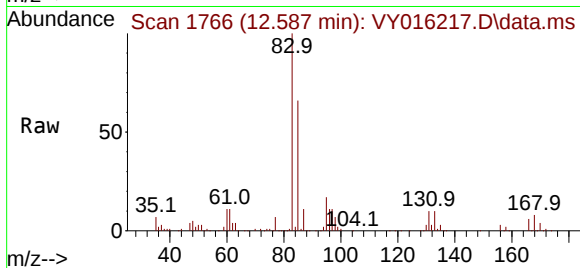
#75
1,1,2,2-Tetrachloroethane
Concen: 55.083 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 71669
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.6 31.8 95.4

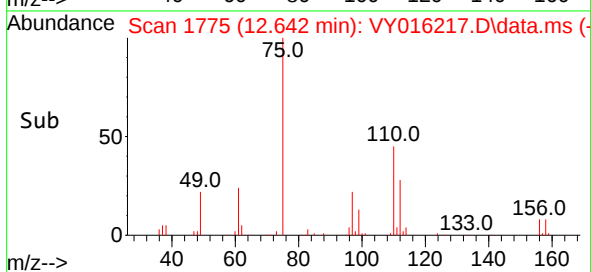
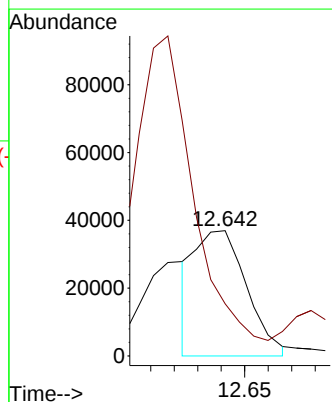
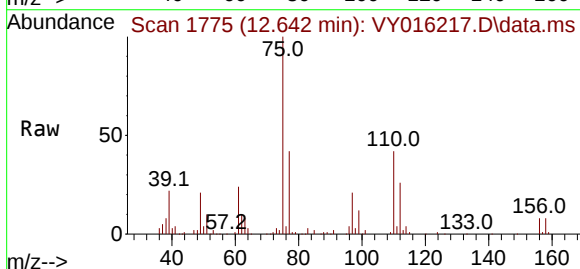
Manual Integrations
APPROVED

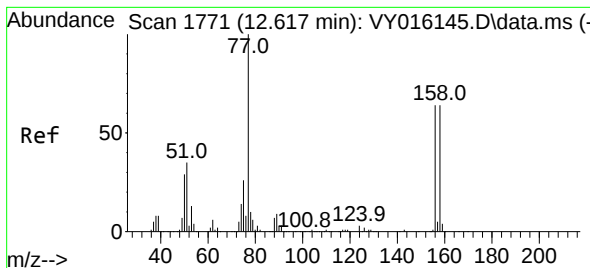
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#76
1,2,3-Trichloropropane
Concen: 55.343 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion: 75 Resp: 56809
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.291 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

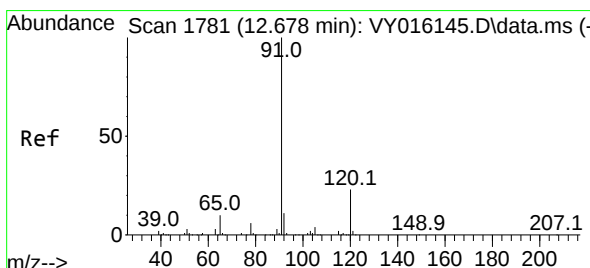
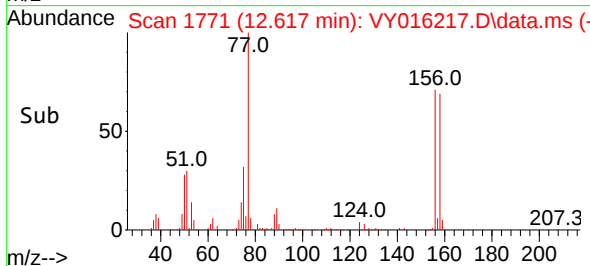
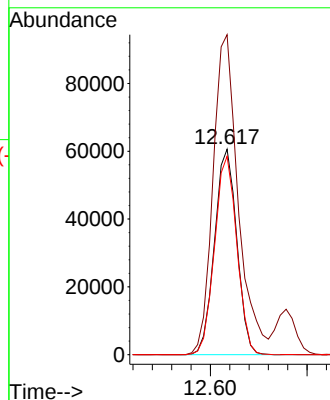
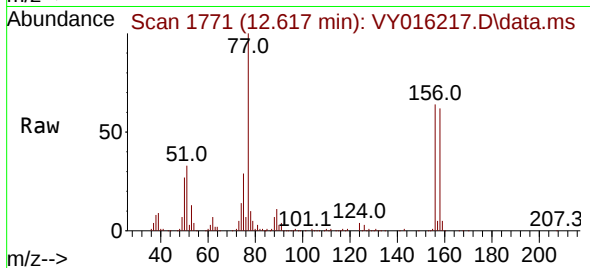
Tgt Ion:	156	Resp:	9681
Ion Ratio	Lower	Upper	
156	100		
77	176.4	92.8	278.6
158	96.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#78

n-propylbenzene

Concen: 51.138 ug/l

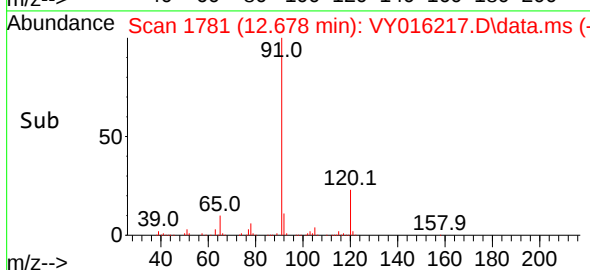
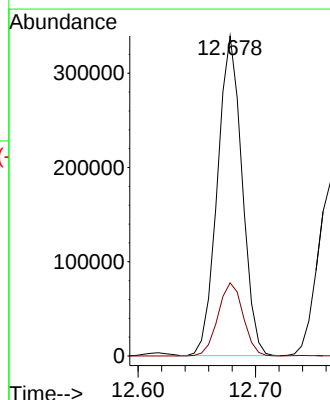
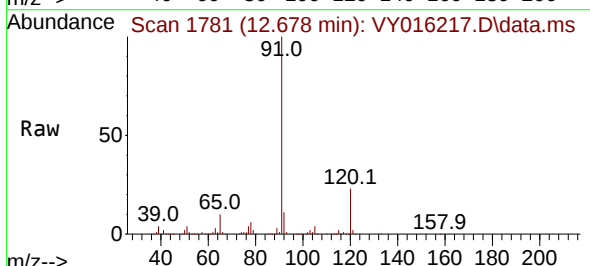
RT: 12.678 min Scan# 1781

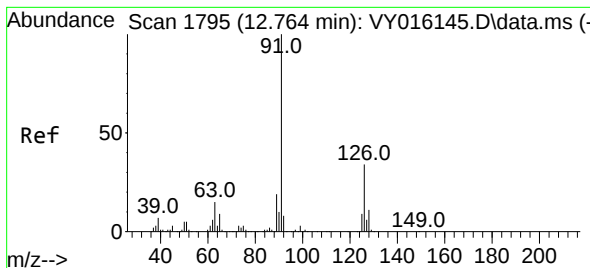
Delta R.T. -0.000 min

Lab File: VY016217.D

Acq: 03 Nov 2023 17:17

Tgt Ion:	91	Resp:	494350
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





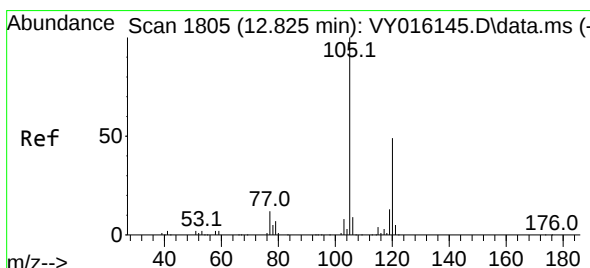
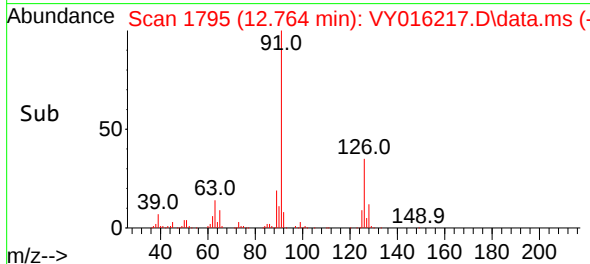
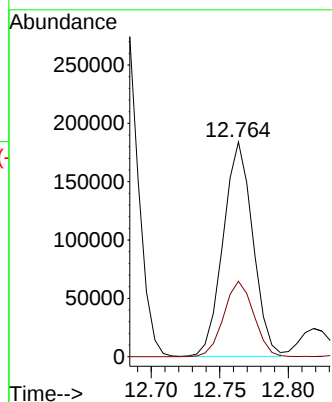
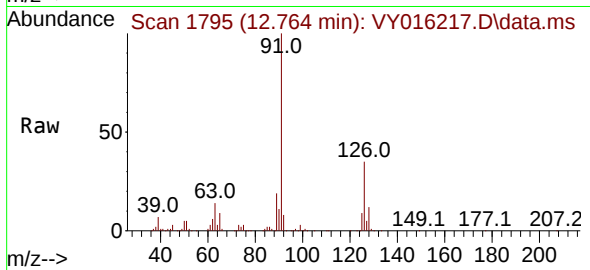
#79
2-Chlorotoluene
Concen: 51.453 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 277418
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7

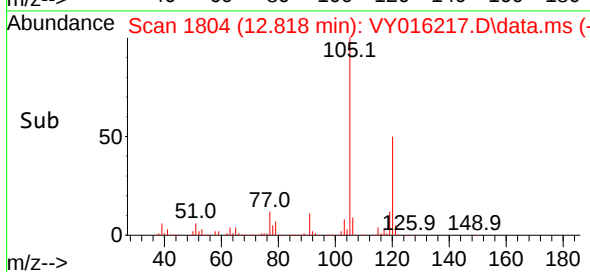
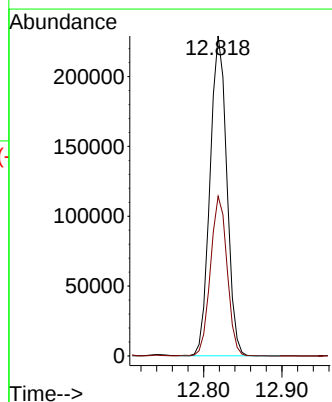
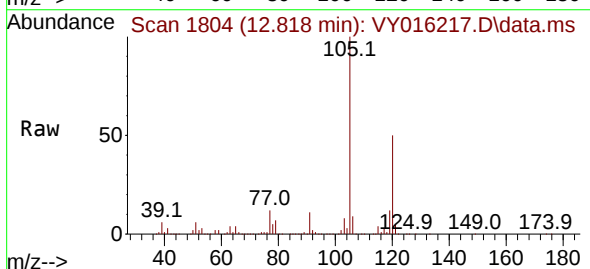
Manual Integrations
APPROVED

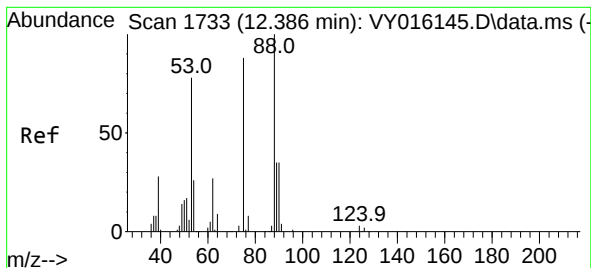
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.385 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

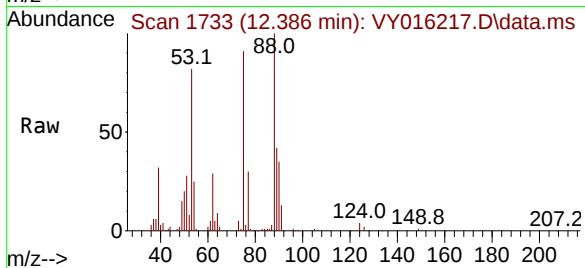
Tgt Ion:105 Resp: 340398
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 55.582 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

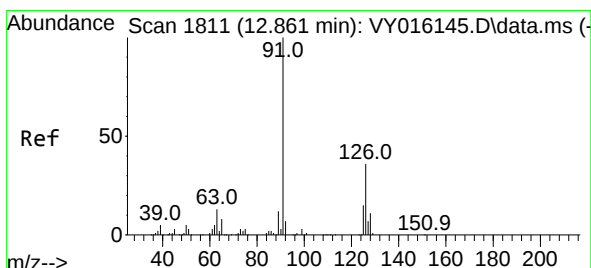
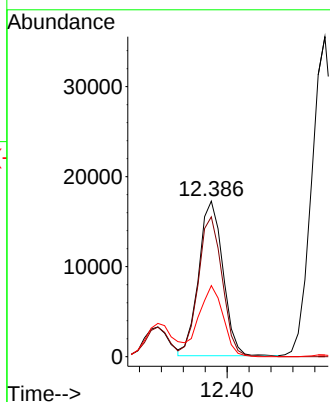
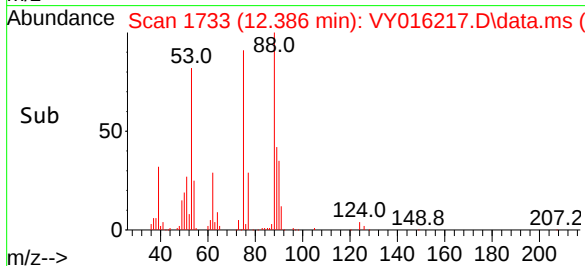
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 26314
Ion Ratio Lower Upper
75 100
53 90.0 77.8 116.8
89 45.7 37.4 56.0

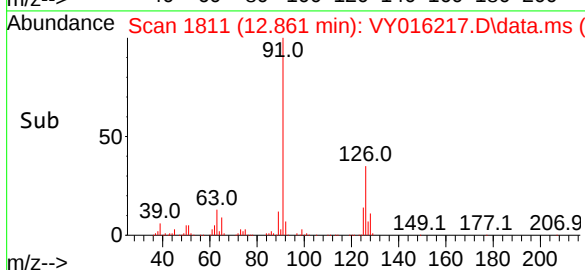
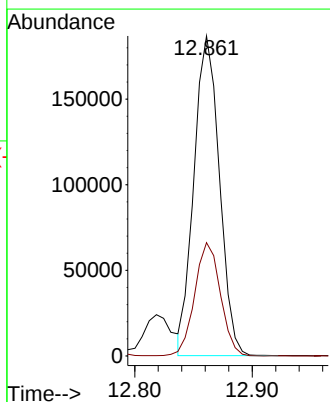
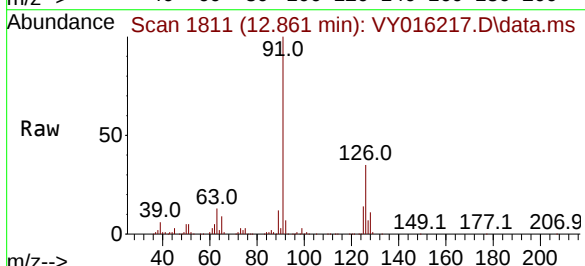
Manual Integrations
APPROVED

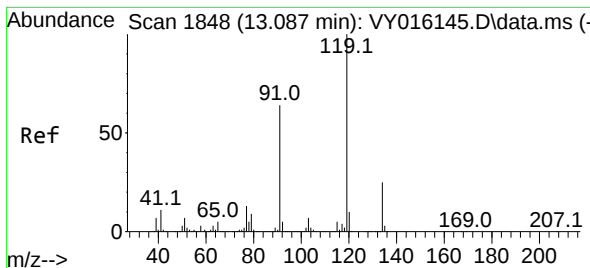
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 50.756 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

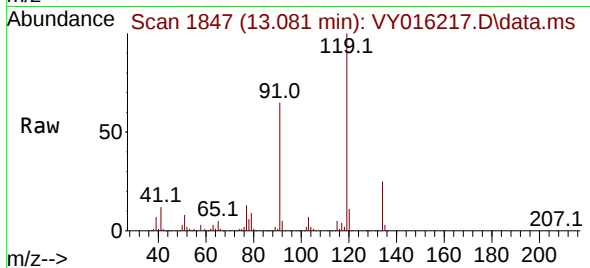
Tgt Ion: 91 Resp: 281013
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.350 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

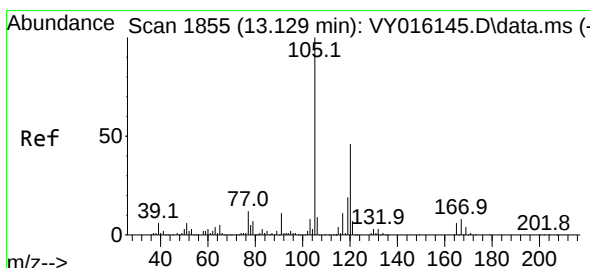
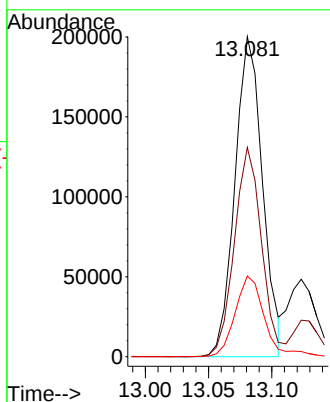
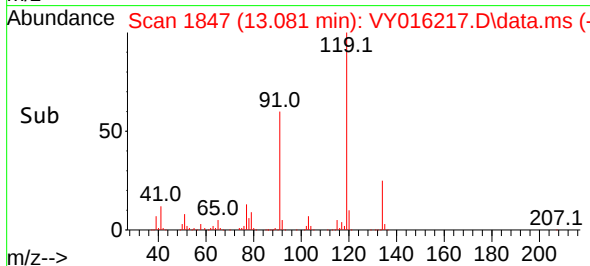
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



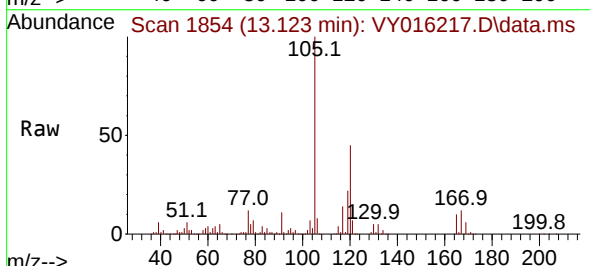
Tgt Ion:119 Resp: 304360
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.6
134 26.7 13.0 38.9

Manual Integrations
APPROVED

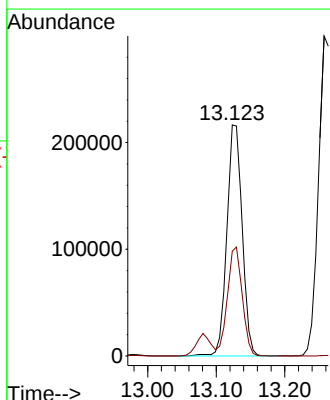
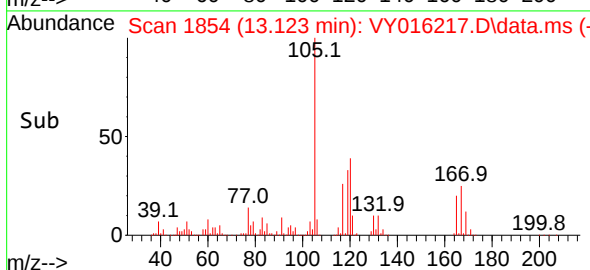
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

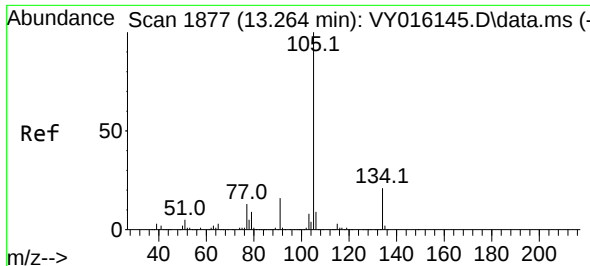


#84
1,2,4-Trimethylbenzene
Concen: 51.242 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



Tgt Ion:105 Resp: 335883
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





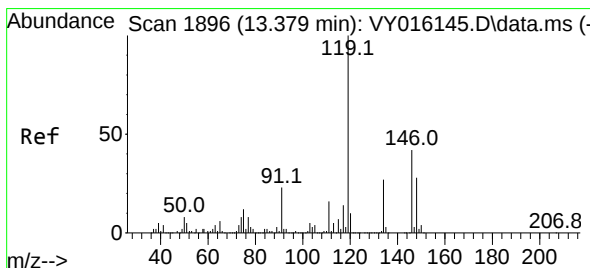
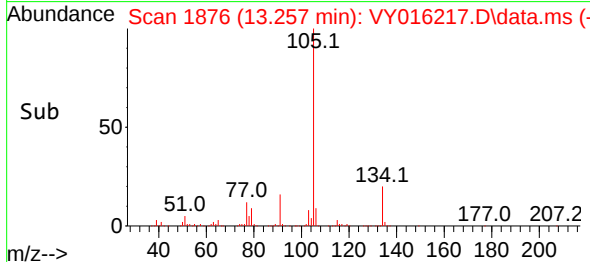
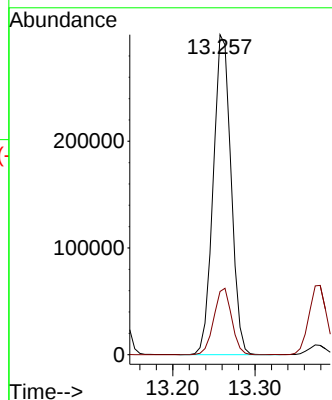
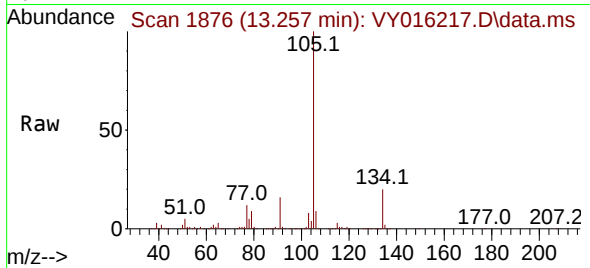
#85
 sec-Butylbenzene
 Concen: 51.846 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016217.D
 Acq: 03 Nov 2023 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 451039
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

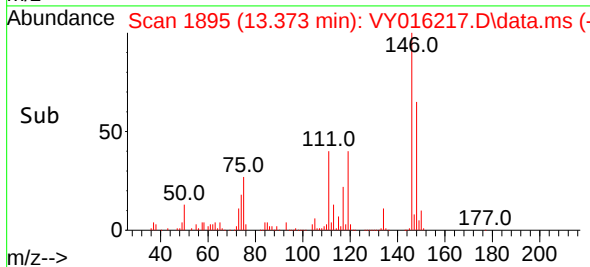
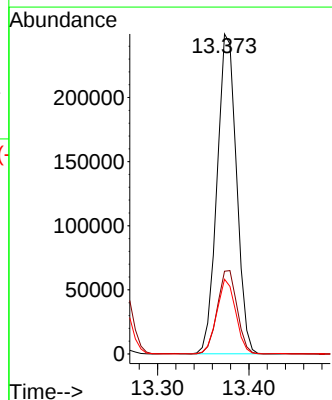
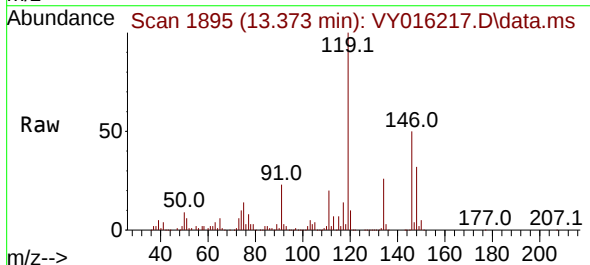
Manual Integrations
 APPROVED

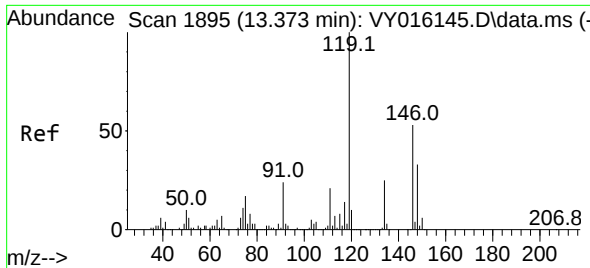
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#86
 p-Isopropyltoluene
 Concen: 51.225 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016217.D
 Acq: 03 Nov 2023 17:17

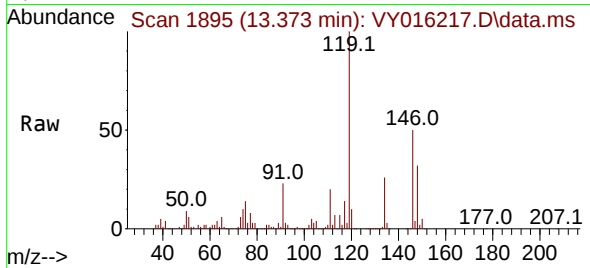
Tgt Ion:119 Resp: 369341
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.7 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 51.287 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

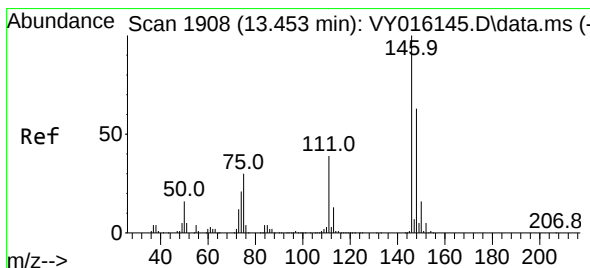
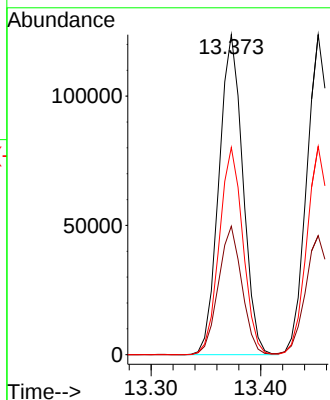
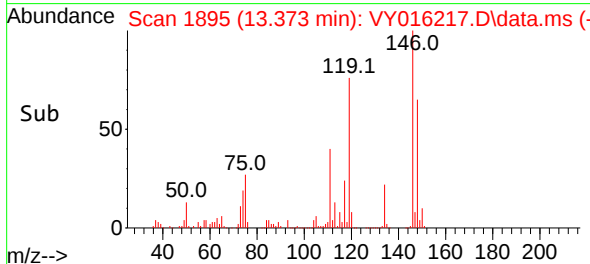
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



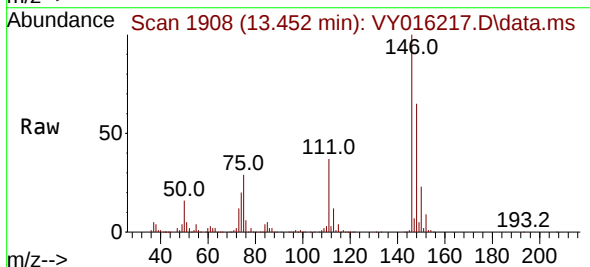
Tgt Ion:146 Resp: 187790
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 63.8 31.9 95.5

Manual Integrations
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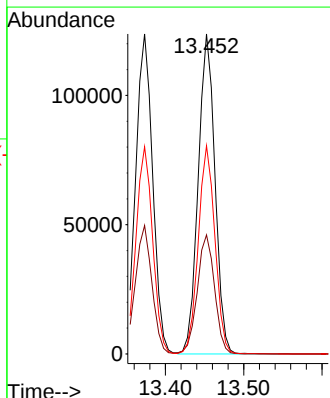
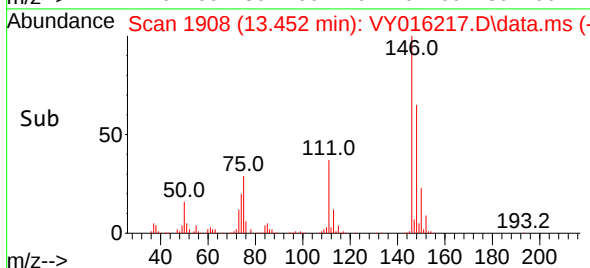
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

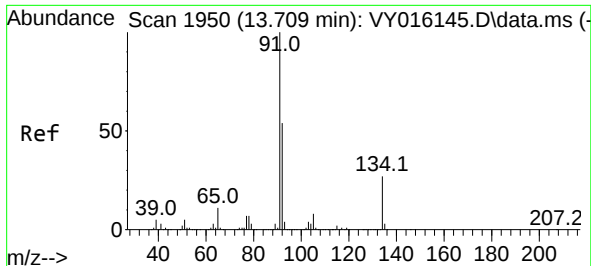


#88
1,4-Dichlorobenzene
Concen: 50.909 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



Tgt Ion:146 Resp: 184243
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 64.7 32.1 96.5





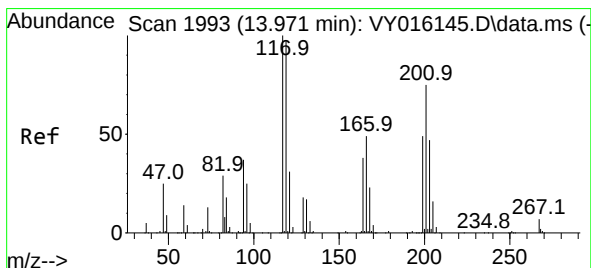
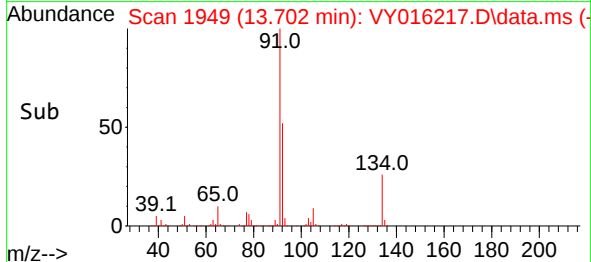
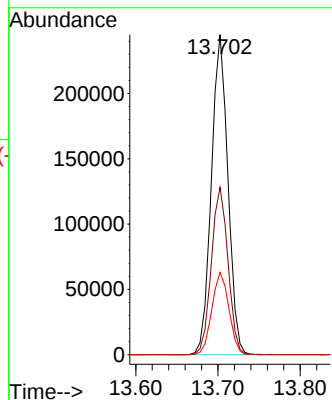
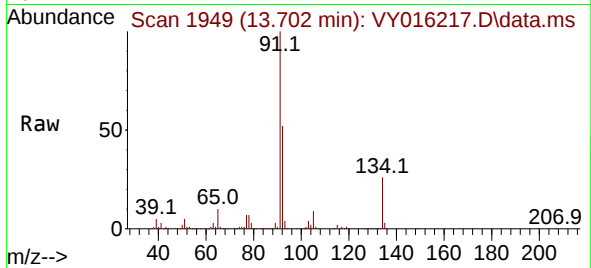
#89
n-Butylbenzene
Concen: 51.634 ug/l
RT: 13.702 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 34207
Ion Ratio Lower Upper
91 100
92 52.6 25.4 76.0
134 26.5 12.6 37.6

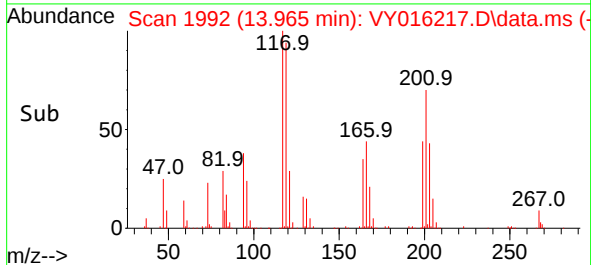
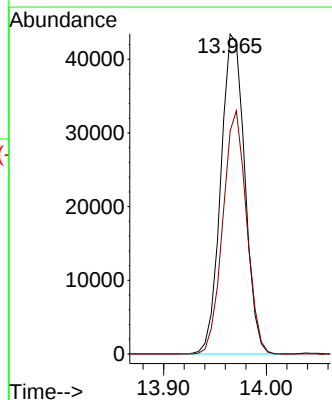
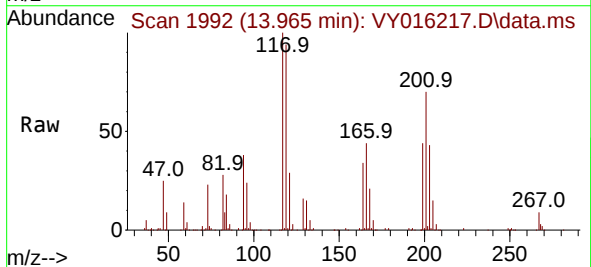
Manual Integrations
APPROVED

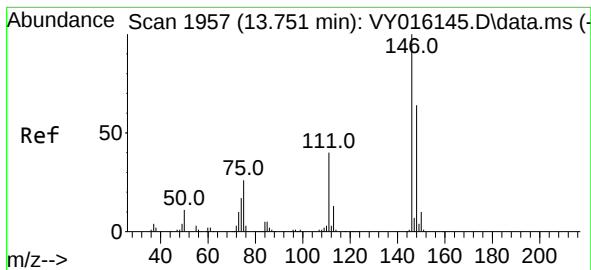
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 56.538 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Tgt Ion:117 Resp: 70250
Ion Ratio Lower Upper
117 100
201 75.1 41.6 124.8





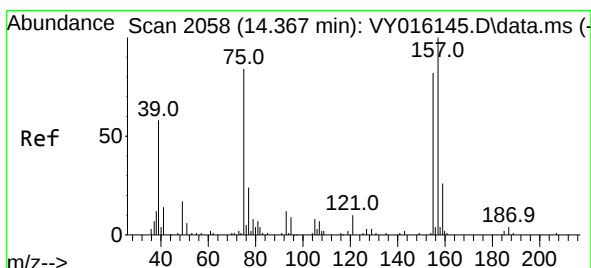
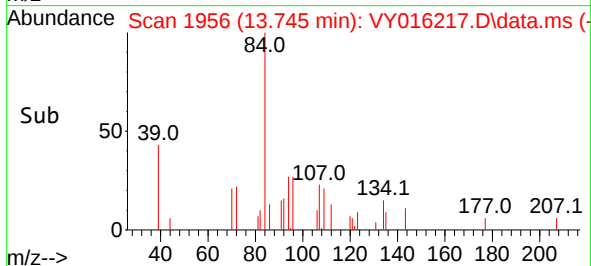
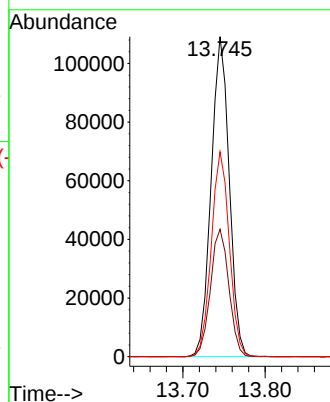
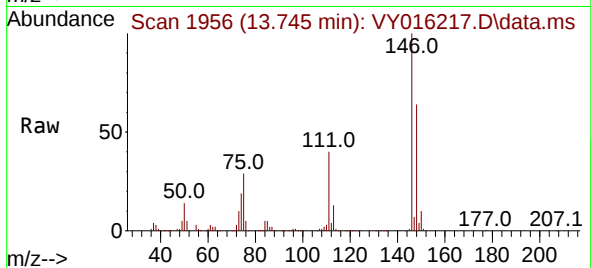
#91
1,2-Dichlorobenzene
Concen: 52.592 ug/l
RT: 13.745 min Scan# 1957
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 16638
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 63.9 32.0 96.2

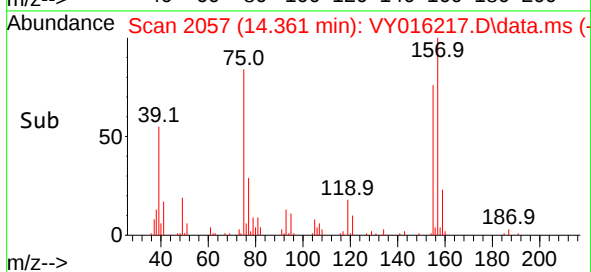
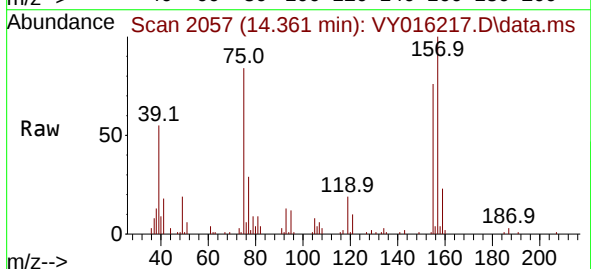
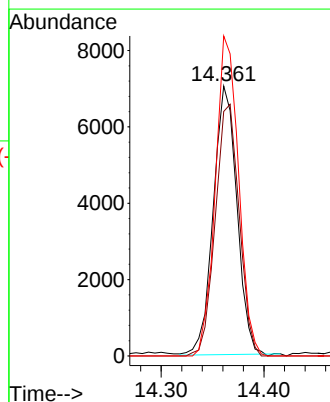
Manual Integrations
APPROVED

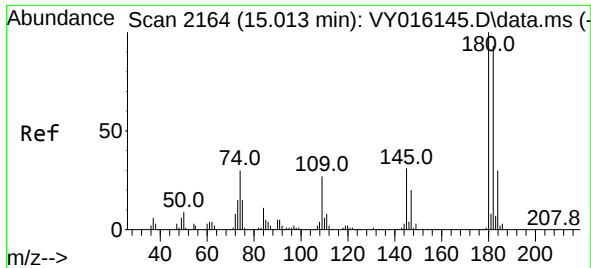
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.065 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

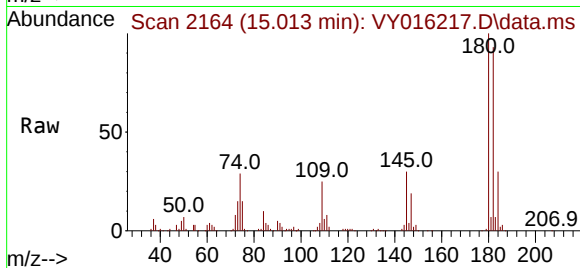
Tgt Ion: 75 Resp: 11192
Ion Ratio Lower Upper
75 100
155 94.9 41.5 124.6
157 116.9 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 50.466 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

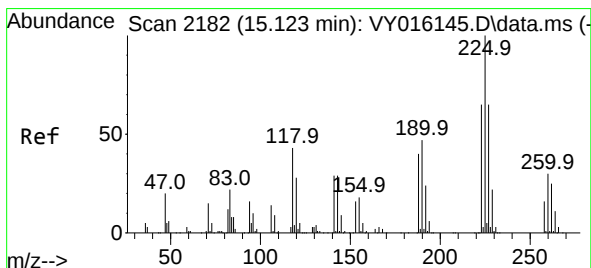
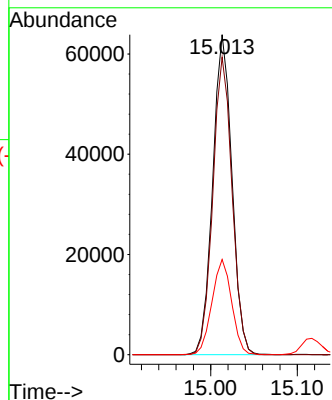
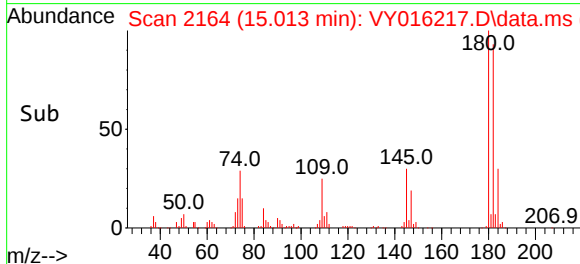
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 98544
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.2
145 30.5 14.5 43.5

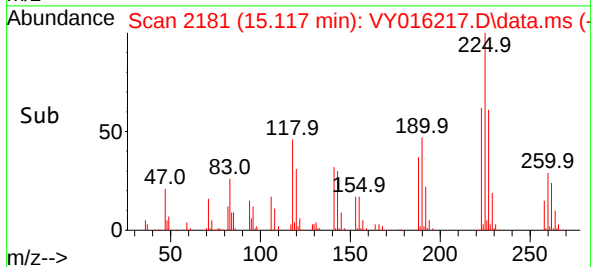
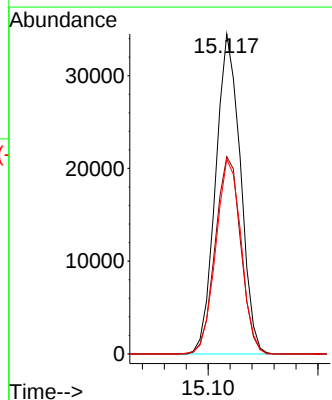
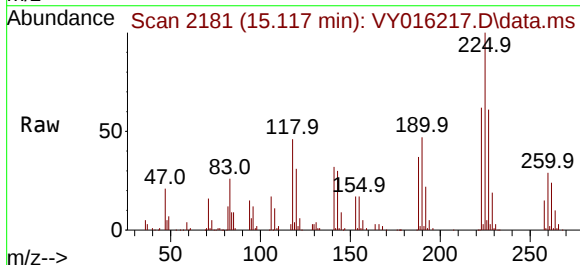
Manual Integrations
APPROVED

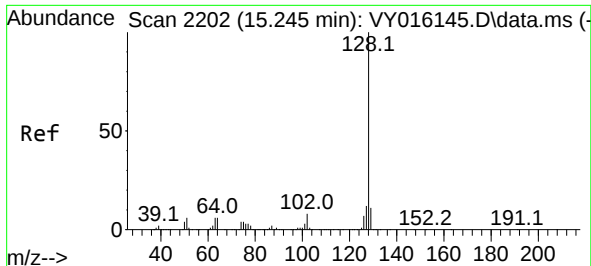
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#94
Hexachlorobutadiene
Concen: 50.775 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

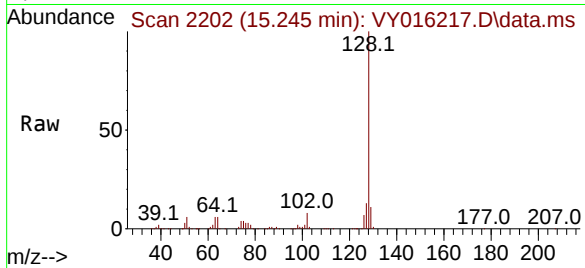
Tgt Ion:225 Resp: 54179
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.9
227 62.2 33.0 98.9





#95
Naphthalene
Concen: 49.986 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17

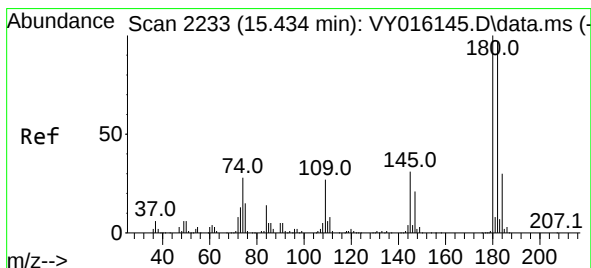
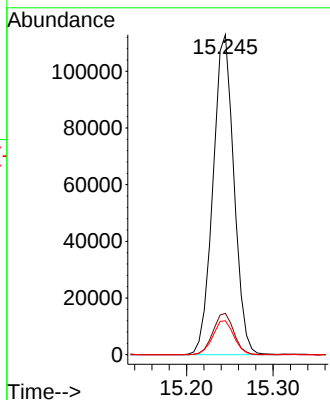
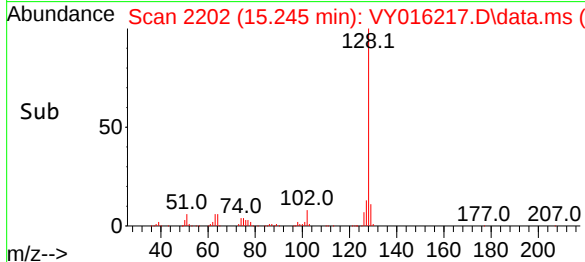
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



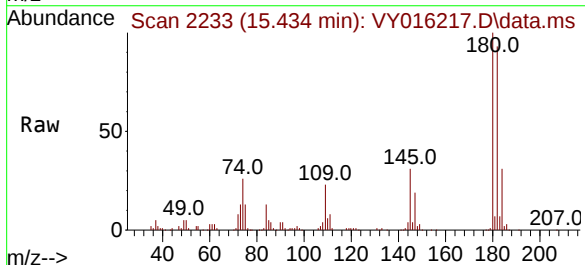
Tgt Ion:128 Resp: 18962
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.839 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016217.D
Acq: 03 Nov 2023 17:17



Tgt Ion:180 Resp: 83134
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 31.4 15.4 46.2

