

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016222.D
 Acq On : 03 Nov 2023 20:18
 Operator : SY/MD
 Sample : 04699-03 4.0 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:08:21 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	7.807	168	144068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	241135	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	213123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	100338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	73978	54.876	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.740	113	70900	49.319	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.640%	
50) Toluene-d8	10.197	98	288127	50.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.495	95	94536	48.505	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.000%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	3487	3.794	ug/l	92
3) Chloromethane	2.125	50	4780	3.757	ug/l	94
4) Vinyl Chloride	2.260	62	4983	3.794	ug/l	93
5) Bromomethane	2.662	94	3733	4.212	ug/l	100
6) Chloroethane	2.808	64	3554	3.844	ug/l	99
7) Trichlorofluoromethane	3.137	101	7988	4.029	ug/l	95
8) Diethyl Ether	3.546	74	2824	4.298	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.912	101	4913	3.934	ug/l	97
10) Methyl Iodide	4.113	142	5570	4.010	ug/l	95
11) Tert butyl alcohol	4.979	59	3252	32.287	ug/l #	90
12) 1,1-Dichloroethene	3.893	96	4599	4.034	ug/l	81
13) Acrolein	3.753	56	1526	8.378	ug/l	100
14) Allyl chloride	4.509	41	7131	4.373	ug/l #	96
15) Acrylonitrile	5.186	53	6326	22.530	ug/l	99
16) Acetone	3.967	43	5829	8.668	ug/l #	86
17) Carbon Disulfide	4.223	76	10328	3.629	ug/l	99
18) Methyl Acetate	4.503	43	5443	5.021	ug/l	92
19) Methyl tert-butyl Ether	5.247	73	14318	4.416	ug/l	94
20) Methylene Chloride	4.741	84	12322	6.326	ug/l	87
21) trans-1,2-Dichloroethene	5.247	96	5575	4.198	ug/l	89
22) Diisopropyl ether	6.137	45	16710	4.237	ug/l	94
23) Vinyl Acetate	6.082	43	37776	19.508	ug/l	99
24) 1,1-Dichloroethane	6.045	63	10330	4.376	ug/l #	96
25) 2-Butanone	7.003	43	7898	21.235	ug/l	98
26) 2,2-Dichloropropane	7.003	77	8765	3.928	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	6738	4.312	ug/l	90
28) Bromochloromethane	7.362	49	3741	4.235	ug/l #	97
29) Tetrahydrofuran	7.368	42	5100	21.875	ug/l	93
30) Chloroform	7.527	83	13628	5.303	ug/l	99
31) Cyclohexane	7.813	56	9696	4.679	ug/l #	64
32) 1,1,1-Trichloroethane	7.722	97	9927	4.212	ug/l	99
36) 1,1-Dichloropropene	7.941	75	8243	3.971	ug/l	96
37) Ethyl Acetate	7.094	43	3784	4.093	ug/l	97
38) Carbon Tetrachloride	7.923	117	8489	4.128	ug/l	97
39) Methylcyclohexane	9.203	83	9008	3.635	ug/l #	87
40) Benzene	8.179	78	24441	4.101	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	1723	3.211	ug/l #	81
42) 1,2-Dichloroethane	8.258	62	7278	4.376	ug/l	92
43) Isopropyl Acetate	8.295	43	7262	3.971	ug/l #	87
44) Trichloroethene	8.960	130	6874	3.942	ug/l	97
45) 1,2-Dichloropropane	9.228	63	5988	4.177	ug/l	98
46) Dibromomethane	9.325	93	3239	3.983	ug/l	97
47) Bromodichloromethane	9.514	83	9880	4.781	ug/l	94
48) Methyl methacrylate	9.307	41	3361	4.041	ug/l	98
49) 1,4-Dioxane	9.319	88	786	Below Cal	#	77
51) 4-Methyl-2-Pentanone	10.081	43	18621	20.406	ug/l	92
52) Toluene	10.258	92	16077	4.163	ug/l	96
53) t-1,3-Dichloropropene	10.478	75	8299	4.023	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	9885	4.084	ug/l #	85
55) 1,1,2-Trichloroethane	10.660	97	4934	4.313	ug/l #	88
56) Ethyl methacrylate	10.526	69	5686	3.827	ug/l #	85
57) 1,3-Dichloropropane	10.807	76	8117	4.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	14082	19.547	ug/l	93
59) 2-Hexanone	10.849	43	12067	19.297	ug/l	91
60) Dibromochloromethane	11.002	129	5962	4.154	ug/l	98
61) 1,2-Dibromoethane	11.105	107	4569	4.199	ug/l	96
64) Tetrachloroethene	10.734	164	7294	3.848	ug/l	93
65) Chlorobenzene	11.532	112	16713	3.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	6400	4.081	ug/l	96
67) Ethyl Benzene	11.605	91	28457	3.757	ug/l	96
68) m/p-Xylenes	11.715	106	22564	7.710	ug/l	93
69) o-Xylene	12.044	106	10459	3.743	ug/l	97
70) Styrene	12.057	104	16978	3.655	ug/l	96
71) Bromoform	12.221	173	3446	3.961	ug/l #	99
73) Isopropylbenzene	12.343	105	27454	3.648	ug/l	98
74) N-amyl acetate	12.154	43	5725	3.500	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.599	83	5130	4.283	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	7332	7.760	ug/l #	100
77) Bromobenzene	12.624	156	6980	4.096	ug/l	94
78) n-propylbenzene	12.684	91	34110	3.833	ug/l	100
79) 2-Chlorotoluene	12.770	91	18939	3.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	21753	3.567	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	1557	3.573	ug/l	94
82) 4-Chlorotoluene	12.867	91	20245	3.972	ug/l	100
83) tert-Butylbenzene	13.087	119	20199	3.702	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	22610	3.747	ug/l	99
85) sec-Butylbenzene	13.264	105	29491	3.683	ug/l	98
86) p-Isopropyltoluene	13.379	119	23742	3.577	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	13764	4.084	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	13523	4.059	ug/l	95
89) n-Butylbenzene	13.709	91	22476	3.686	ug/l	97
90) Hexachloroethane	13.977	117	4444	3.885	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	11945	4.102	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1025	4.782	ug/l	82
93) 1,2,4-Trichlorobenzene	15.019	180	7107	3.954	ug/l	97
94) Hexachlorobutadiene	15.123	225	4041	4.114	ug/l	97
95) Naphthalene	15.251	128	12494	3.578	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	5804	3.780	ug/l	97

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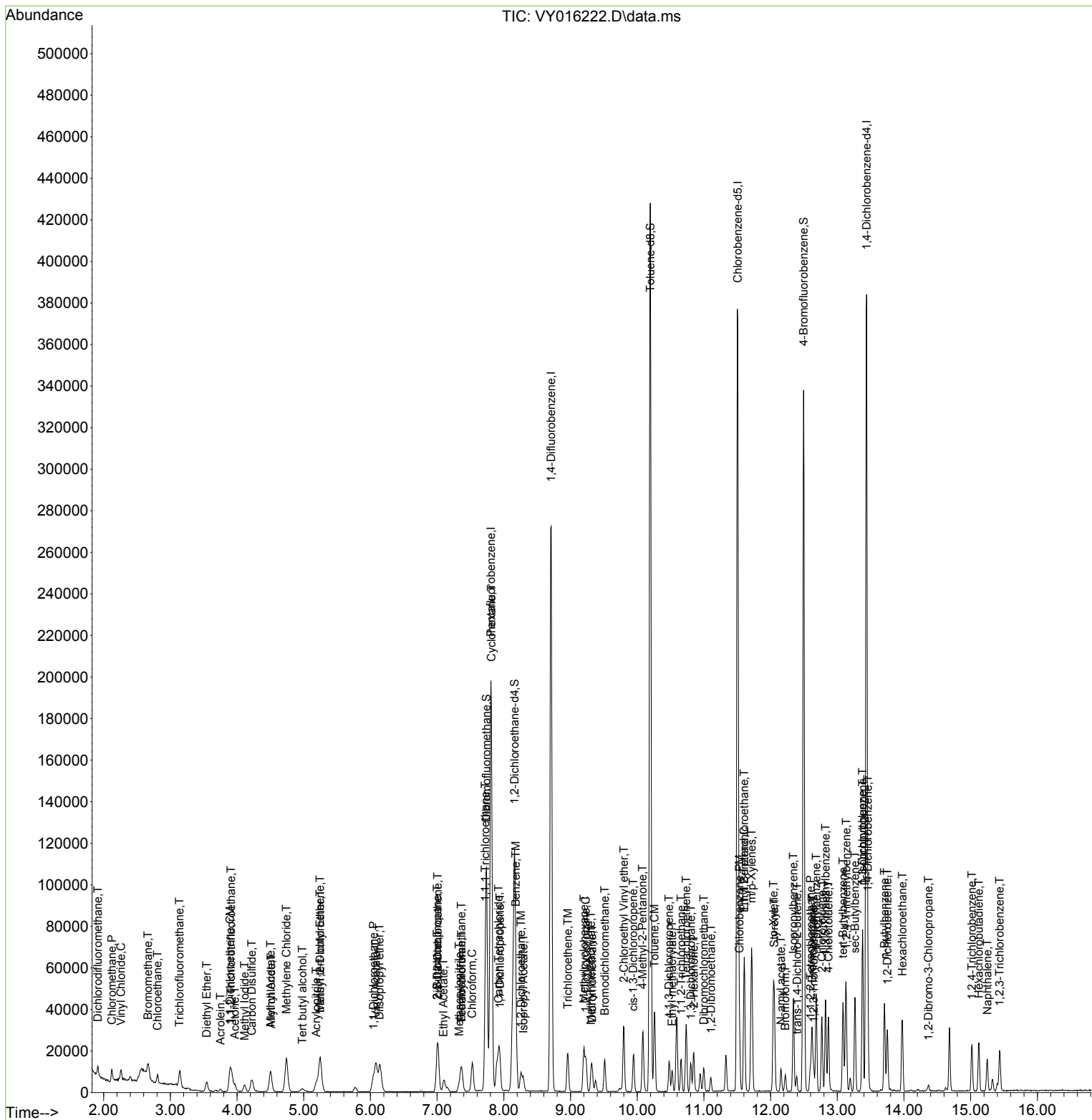
Instrument :
MSVOA_Y
ClientSampleId :

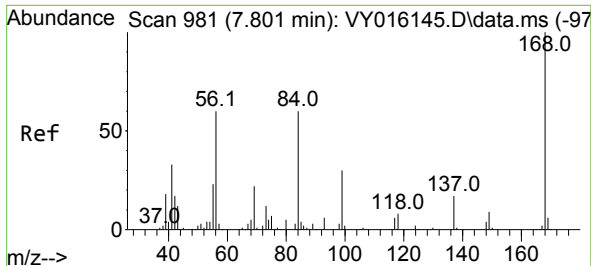
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Response via : Initial Calibration

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

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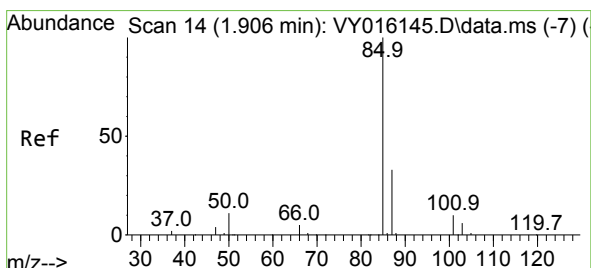
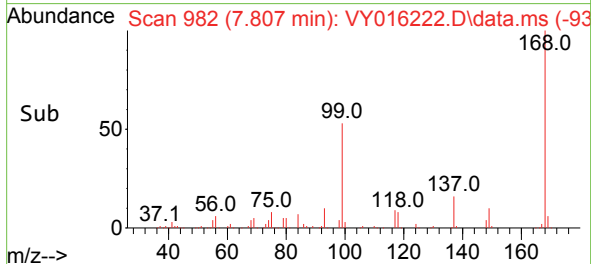
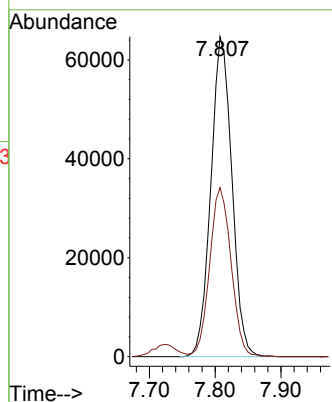
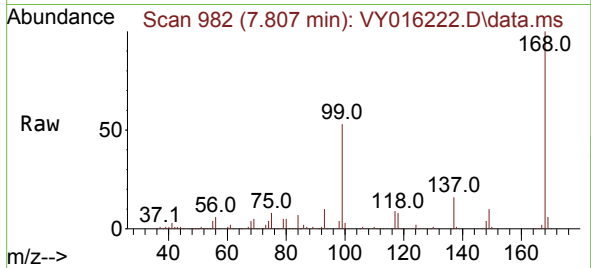




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016222.D
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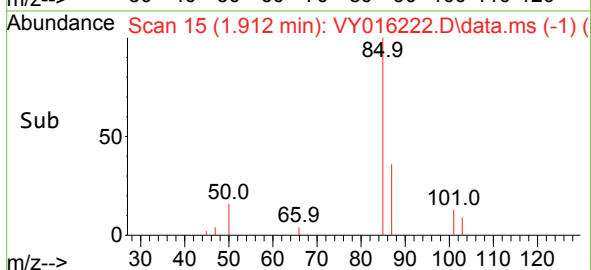
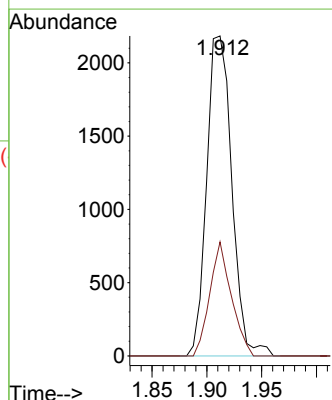
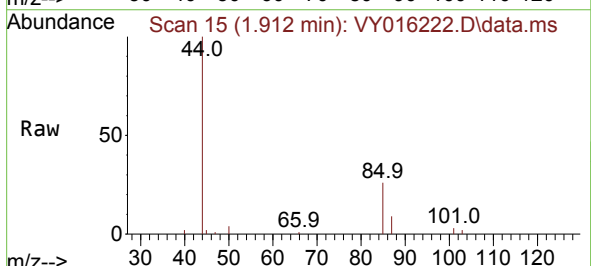
Instrument :
MSVOA_Y
ClientSampleId :

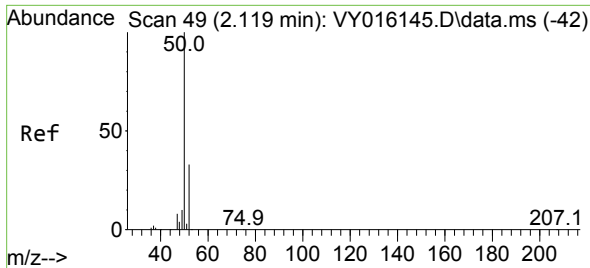
Tgt Ion:168 Resp: 144068
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 3.794 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 85 Resp: 3487
Ion Ratio Lower Upper
85 100
87 35.6 15.6 46.8

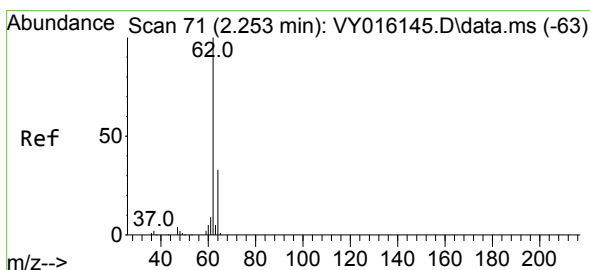
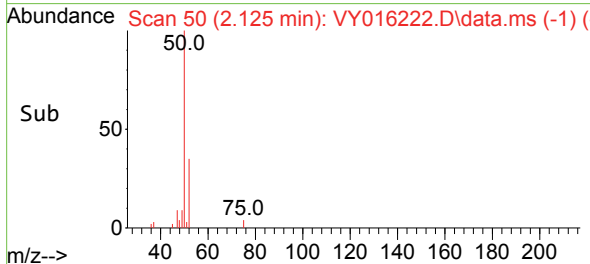
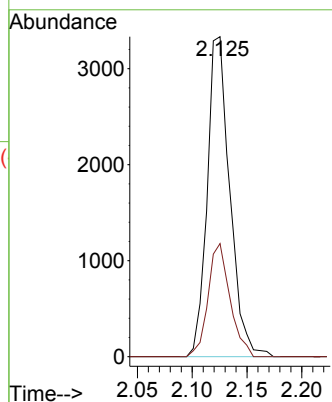
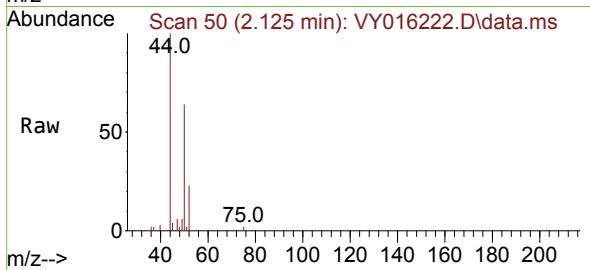




#3
Chloromethane
Concen: 3.757 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

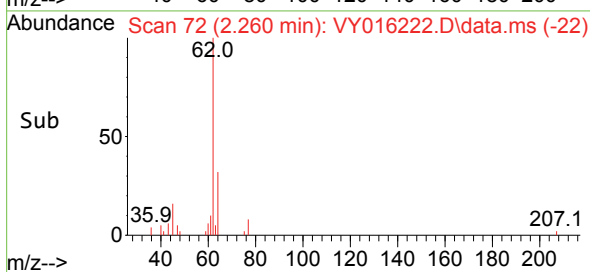
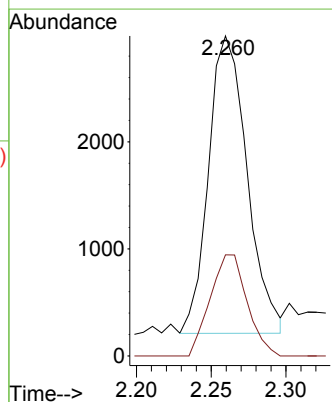
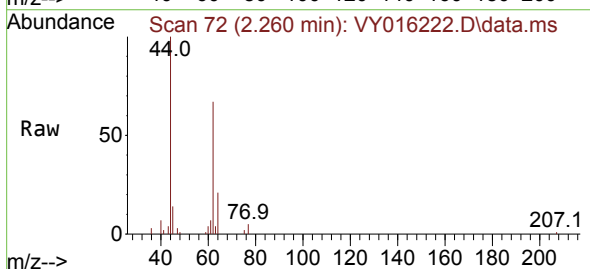
Instrument :
MSVOA_Y
ClientSampleId :

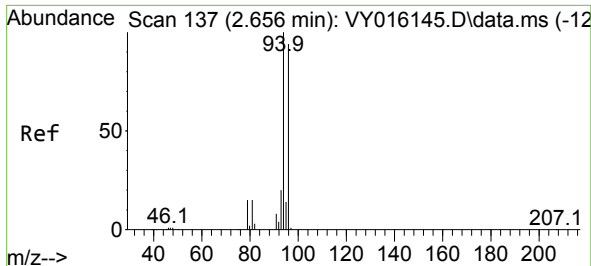
Tgt Ion: 50 Resp: 4780
Ion Ratio Lower Upper
50 100
52 35.4 25.4 38.2



#4
Vinyl Chloride
Concen: 3.794 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

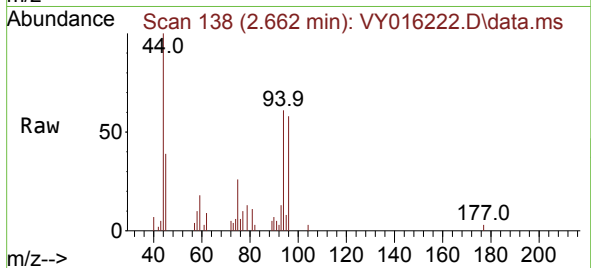
Tgt Ion: 62 Resp: 4983
Ion Ratio Lower Upper
62 100
64 34.0 24.3 36.5



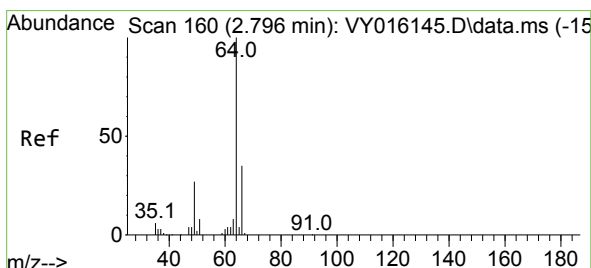
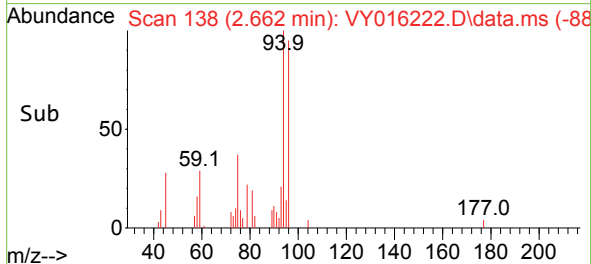
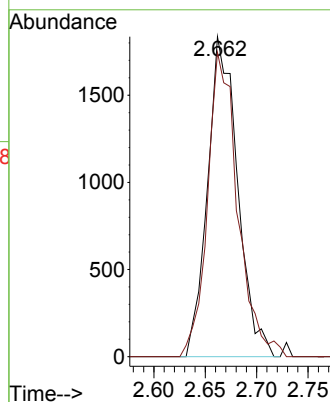


#5
Bromomethane
Concen: 4.212 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016222.D
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ClientSampleId :

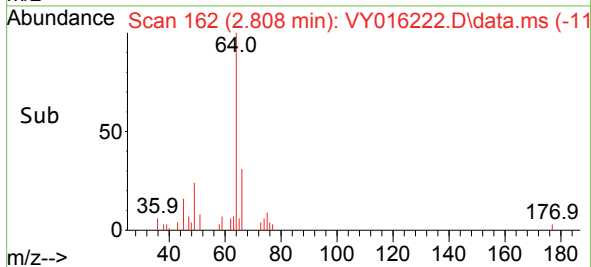
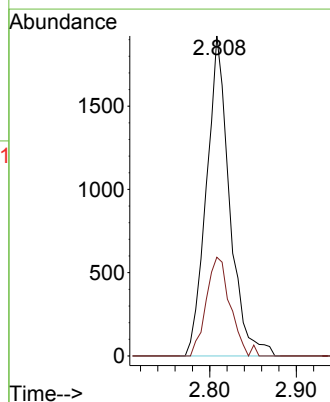
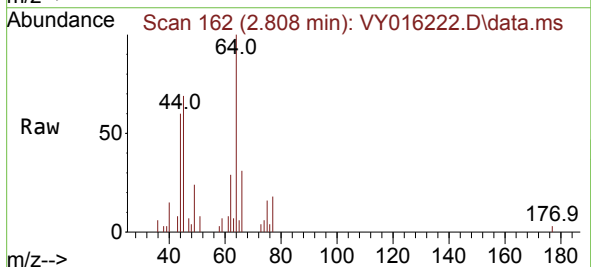


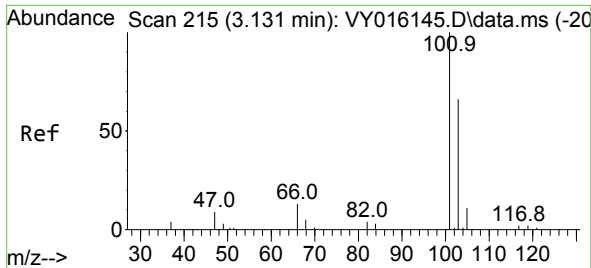
Tgt Ion: 94 Resp: 3733
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6



#6
Chloroethane
Concen: 3.844 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 64 Resp: 3554
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6

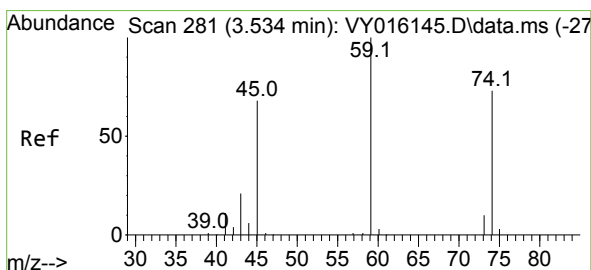
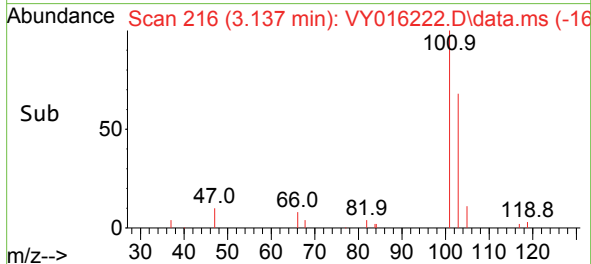
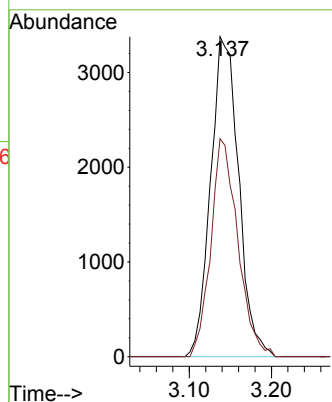
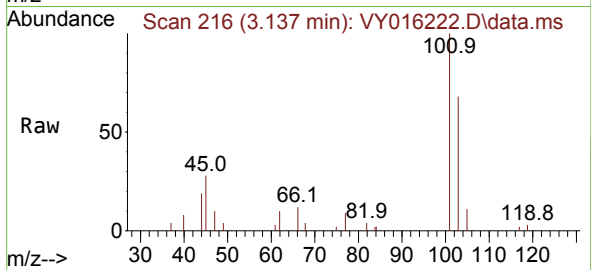




#7
Trichlorofluoromethane
Concen: 4.029 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

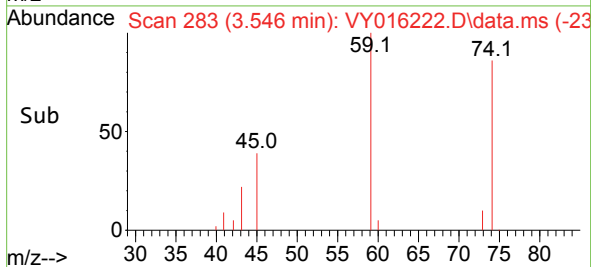
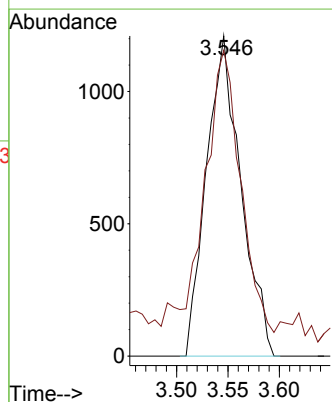
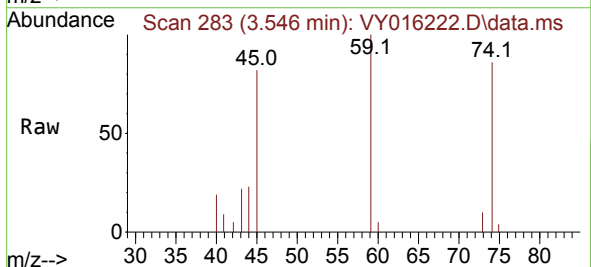
Instrument :
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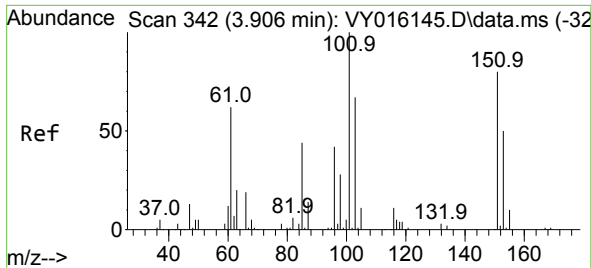
Tgt Ion:101 Resp: 7988
Ion Ratio Lower Upper
101 100
103 68.1 51.4 77.0



#8
Diethyl Ether
Concen: 4.298 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY016222.D
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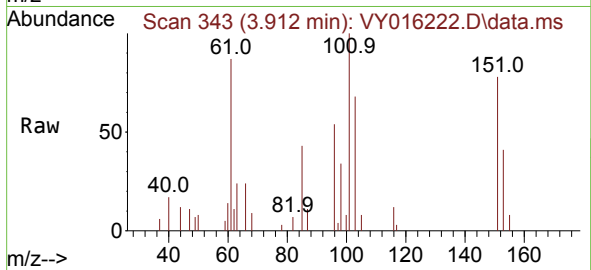
Tgt Ion: 74 Resp: 2824
Ion Ratio Lower Upper
74 100
45 91.9 51.5 154.5



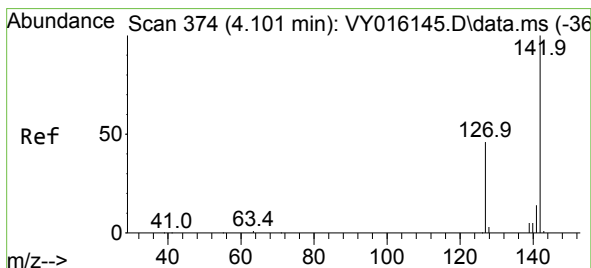
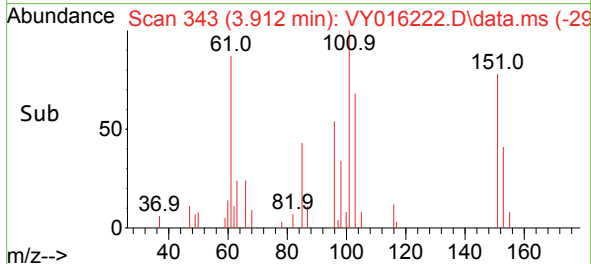
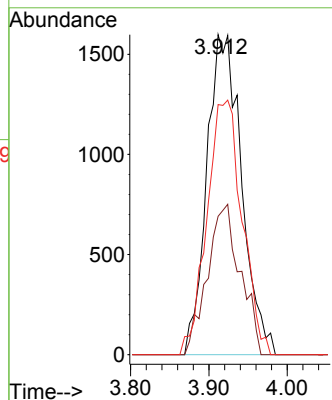


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.934 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Instrument :
MSVOA_Y
ClientSampleId :

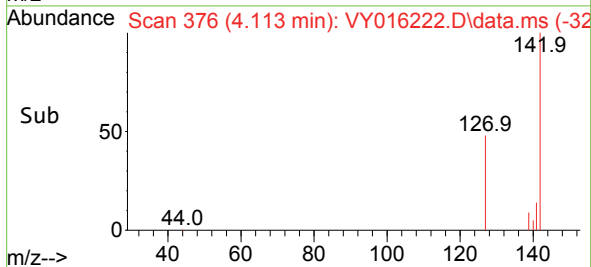
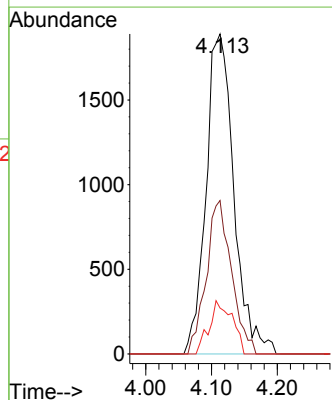
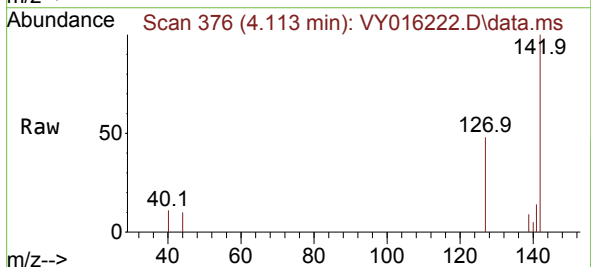


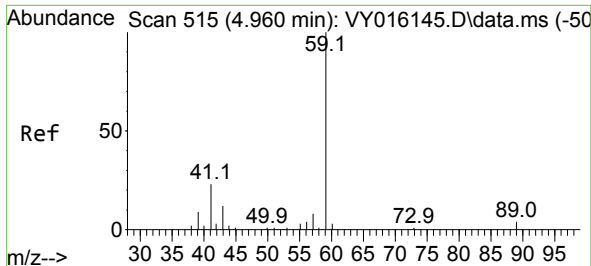
Tgt Ion:101 Resp: 4913
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 80.7 67.0 100.6



#10
Methyl Iodide
Concen: 4.010 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion:142 Resp: 5570
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 32.287 ug/l

RT: 4.979 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

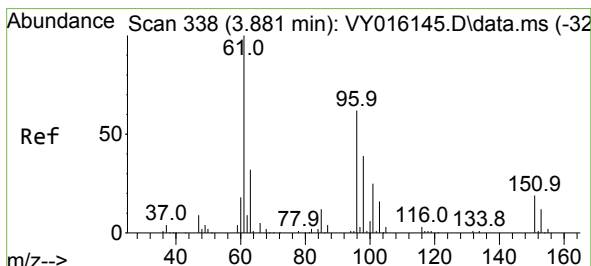
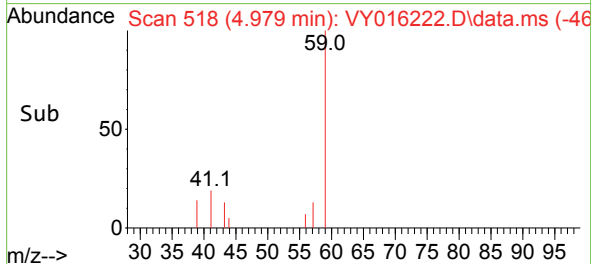
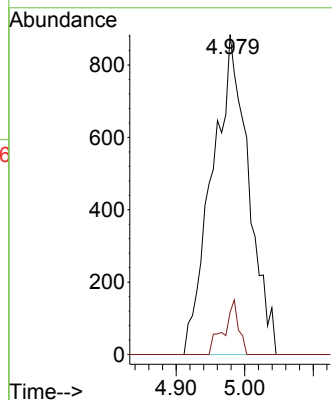
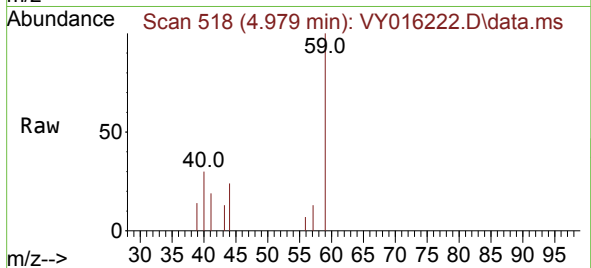
ClientSampleId :

Tgt Ion: 59 Resp: 3252

Ion Ratio Lower Upper

59 100

57 6.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 4.034 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

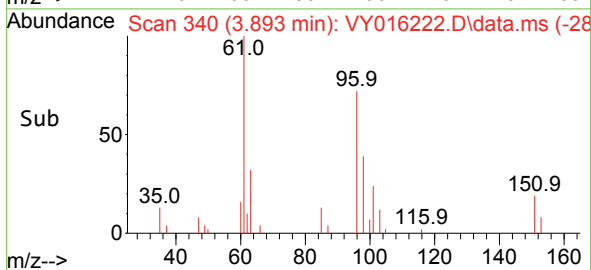
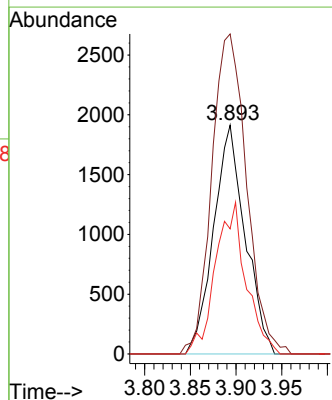
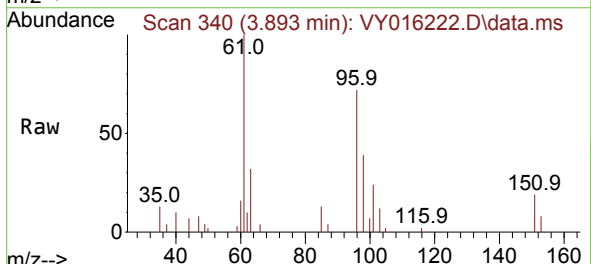
Tgt Ion: 96 Resp: 4599

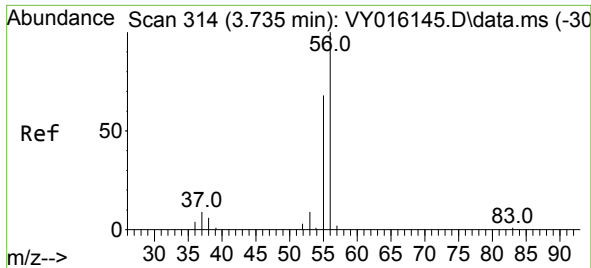
Ion Ratio Lower Upper

96 100

61 139.8 136.4 204.6

98 54.6 49.4 74.2





#13

Acrolein

Concen: 8.378 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

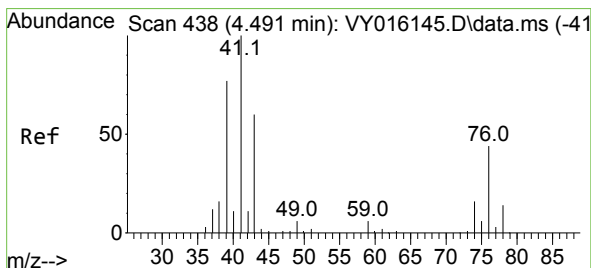
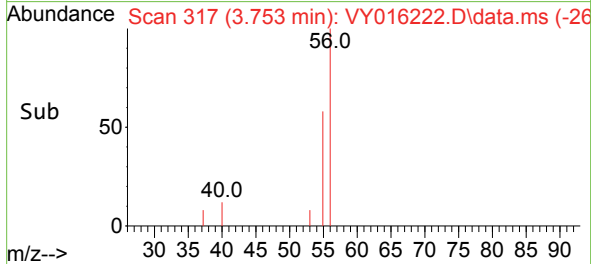
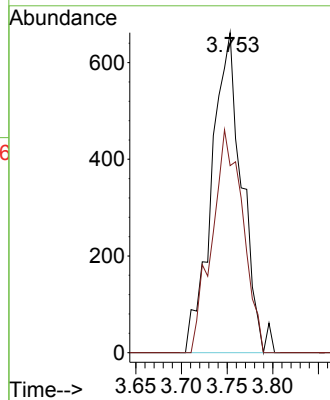
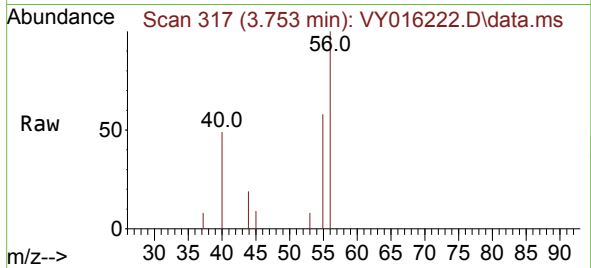
ClientSampleId :

Tgt Ion: 56 Resp: 1526

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 4.373 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.018 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

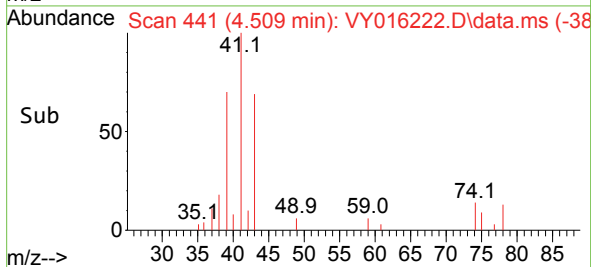
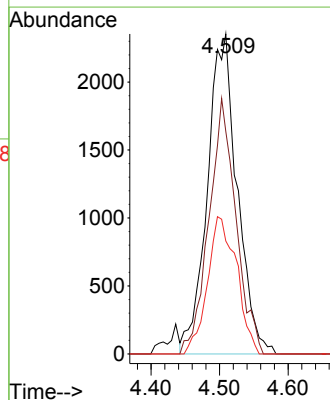
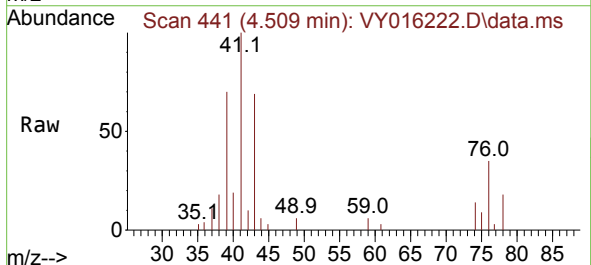
Tgt Ion: 41 Resp: 7131

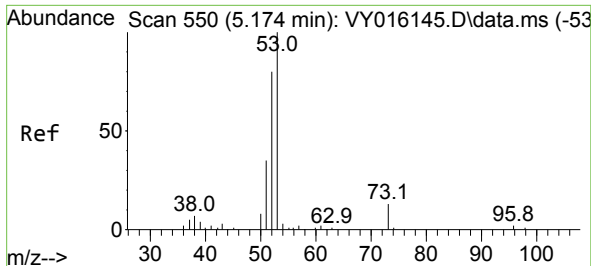
Ion Ratio Lower Upper

41 100

39 72.2 58.0 87.0

76 41.8 27.4 41.2#

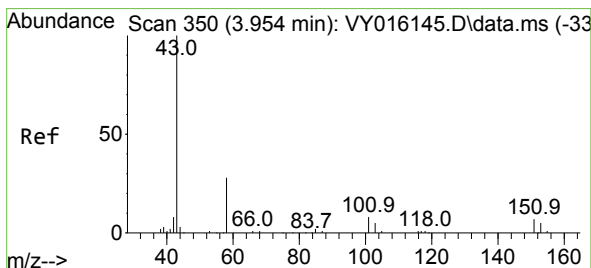
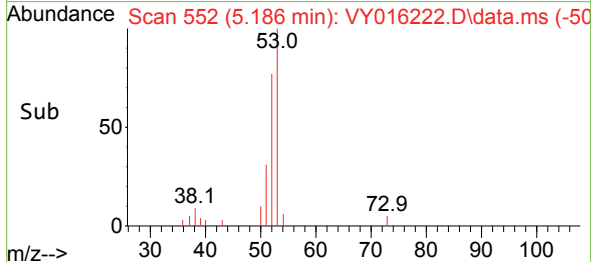
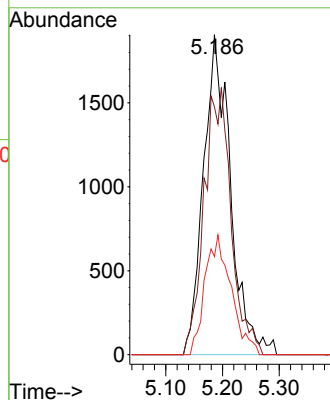
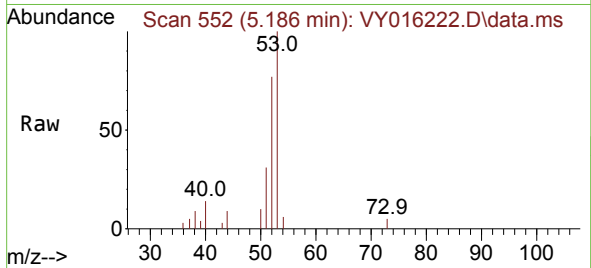




#15
Acrylonitrile
Concen: 22.530 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

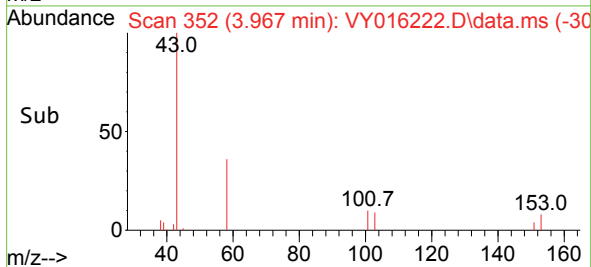
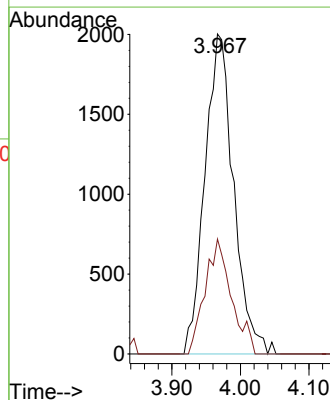
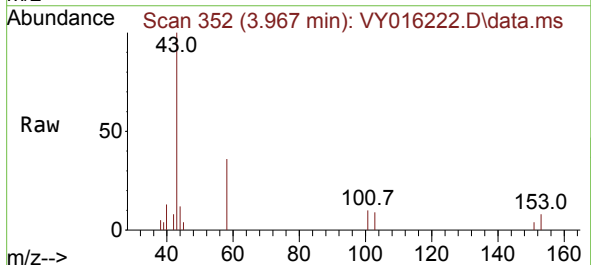
Instrument :
MSVOA_Y
ClientSampleId :

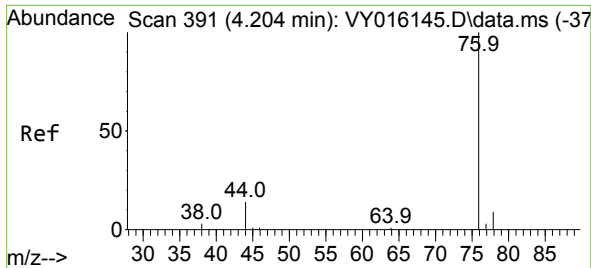
Tgt Ion: 53 Resp: 6326
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 8.668 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

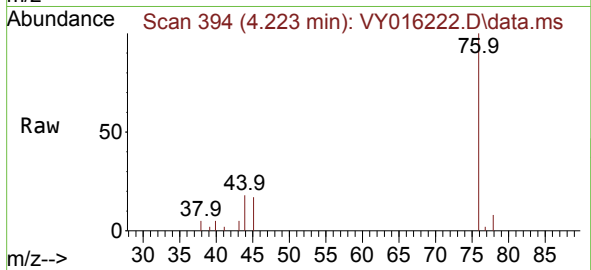
Tgt Ion: 43 Resp: 5829
Ion Ratio Lower Upper
43 100
58 35.9 22.7 34.1#



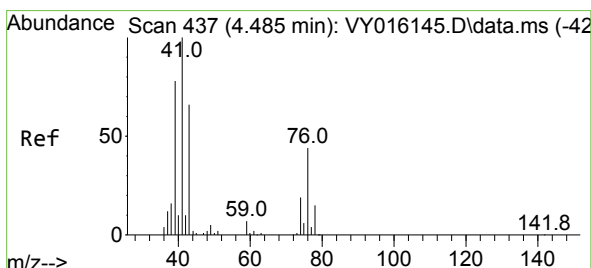
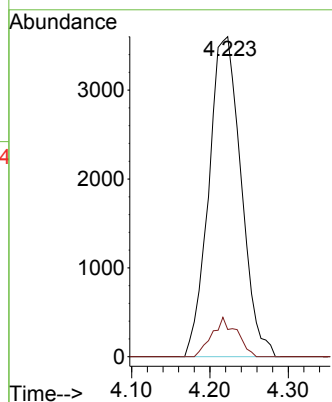
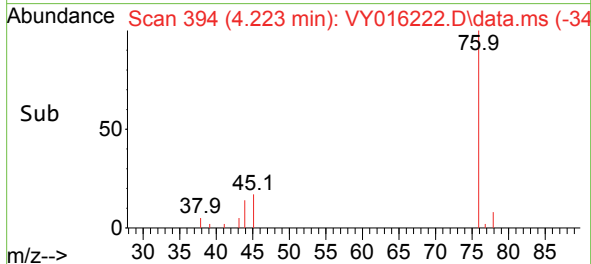


#17
Carbon Disulfide
Concen: 3.629 ug/l
RT: 4.223 min Scan# 391
Delta R.T. 0.019 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Instrument :
MSVOA_Y
ClientSampleId :

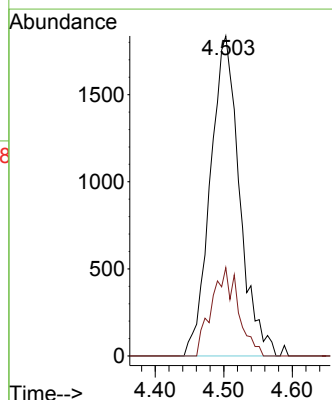
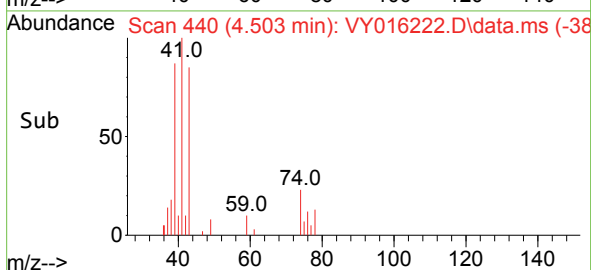
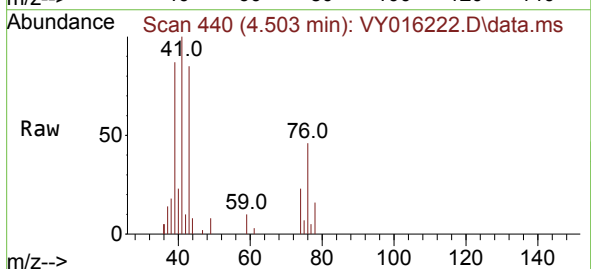


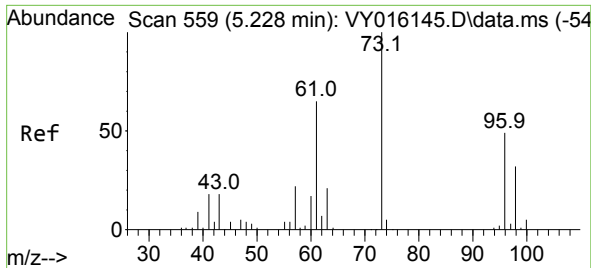
Tgt Ion: 76 Resp: 10328
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 5.021 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 43 Resp: 5443
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0

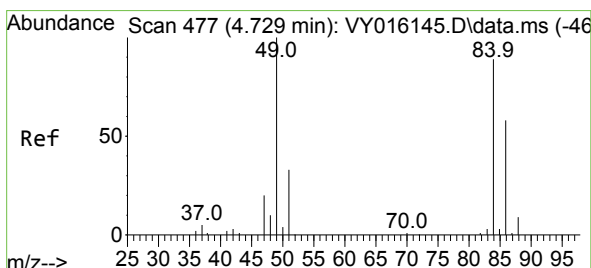
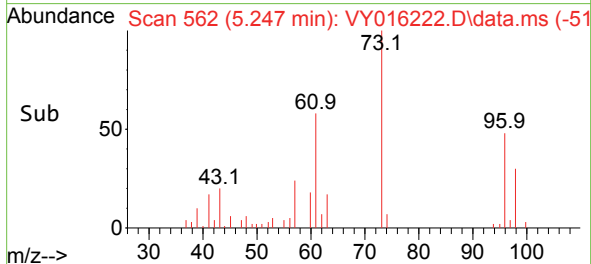
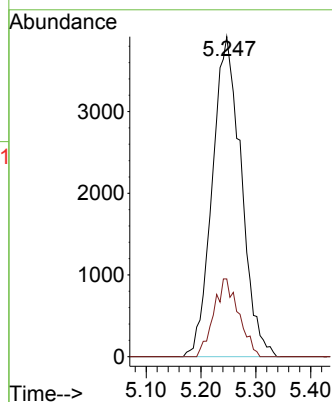
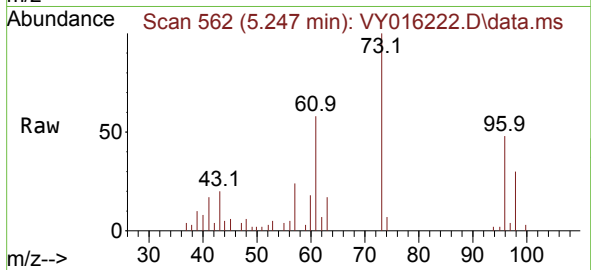




#19
Methyl tert-butyl Ether
Concen: 4.416 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

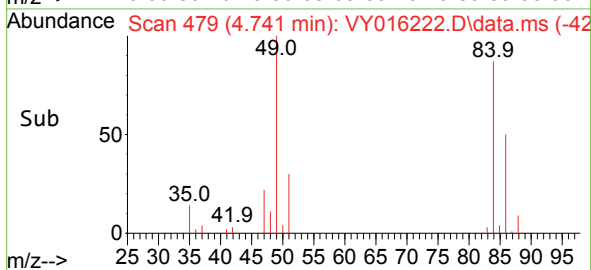
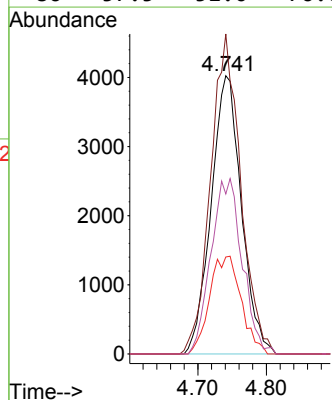
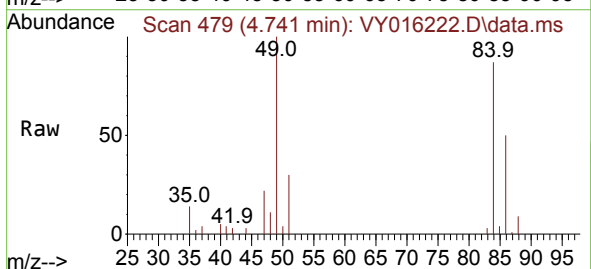
Instrument :
MSVOA_Y
ClientSampleId :

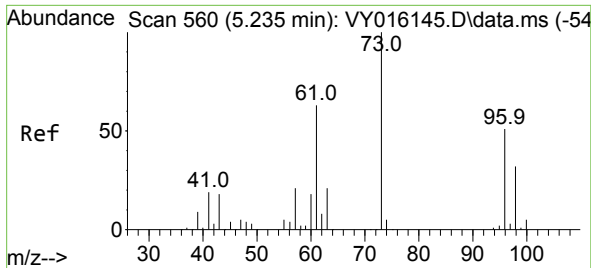
Tgt Ion: 73 Resp: 14318
Ion Ratio Lower Upper
73 100
57 24.3 17.3 25.9



#20
Methylene Chloride
Concen: 6.326 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 84 Resp: 12322
Ion Ratio Lower Upper
84 100
49 115.0 106.9 160.3
51 34.9 33.2 49.8
86 57.5 51.0 76.6

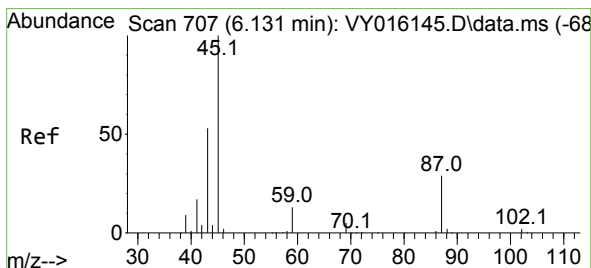
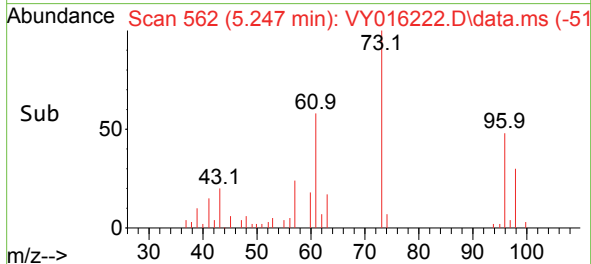
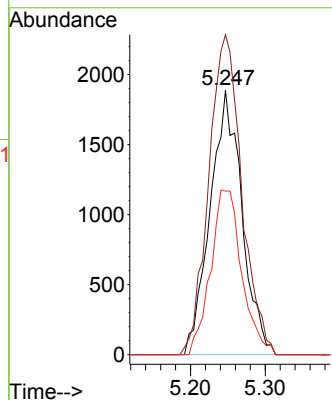
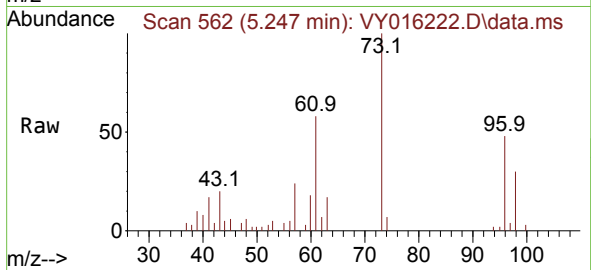




#21
trans-1,2-Dichloroethene
Concen: 4.198 ug/l
RT: 5.247 min Scan# 501
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

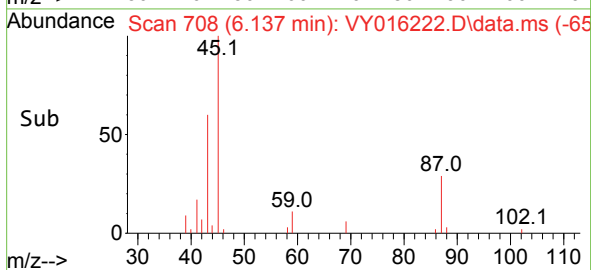
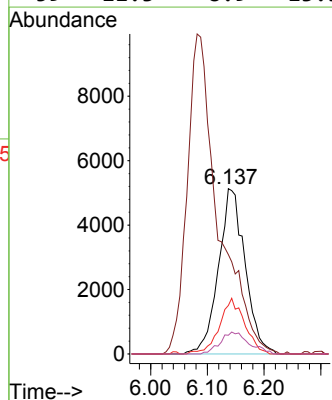
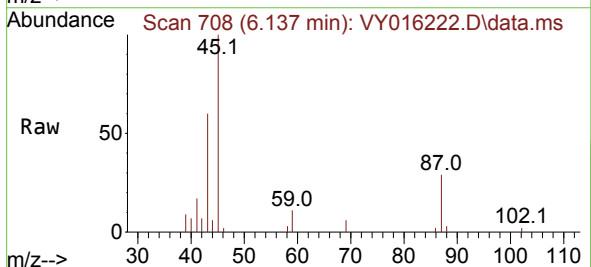
Instrument :
MSVOA_Y
ClientSampleId :

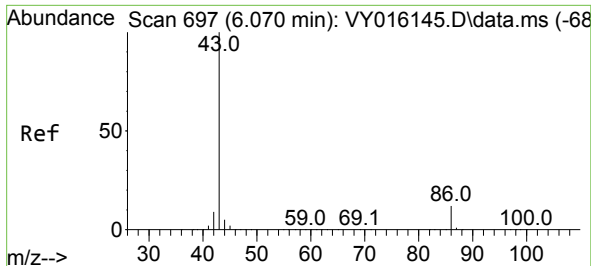
Tgt Ion: 96 Resp: 5575
Ion Ratio Lower Upper
96 100
61 121.0 110.2 165.4
98 61.8 51.8 77.6



#22
Diisopropyl ether
Concen: 4.237 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 45 Resp: 16710
Ion Ratio Lower Upper
45 100
43 60.1 52.2 78.4
87 29.4 21.0 31.6
59 11.3 8.9 13.3

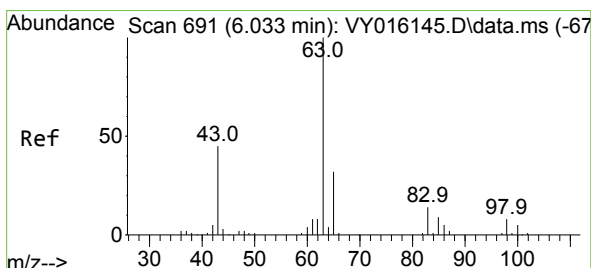
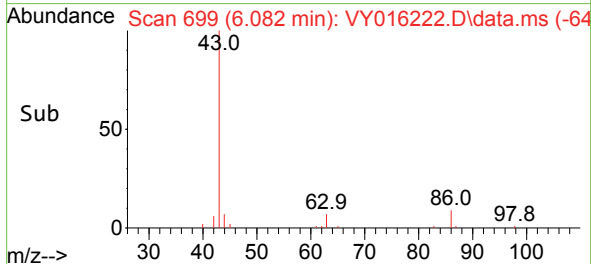
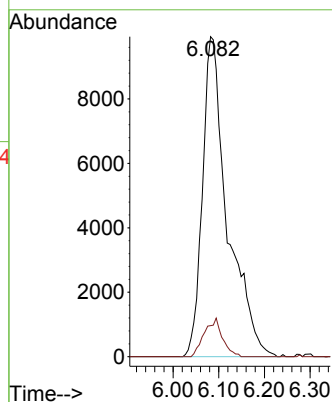
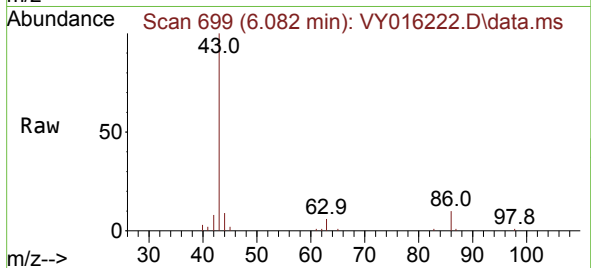




#23
 Vinyl Acetate
 Concen: 19.508 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016222.D
 Acq: 03 Nov 2023 20:18

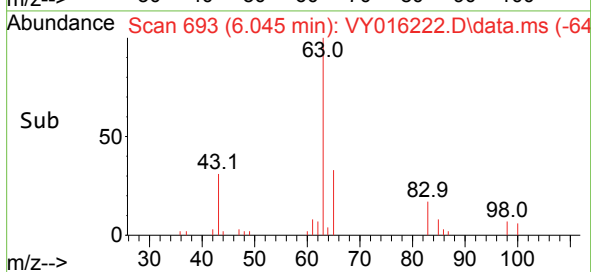
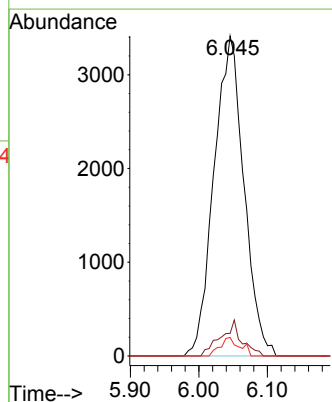
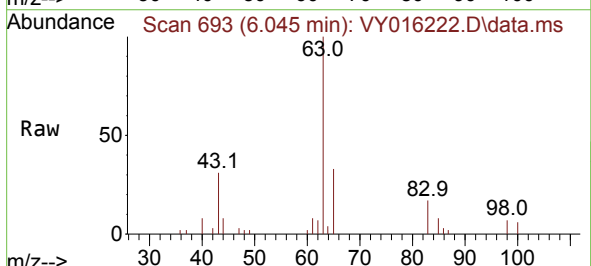
Instrument :
 MSVOA_Y
 ClientSampleId :

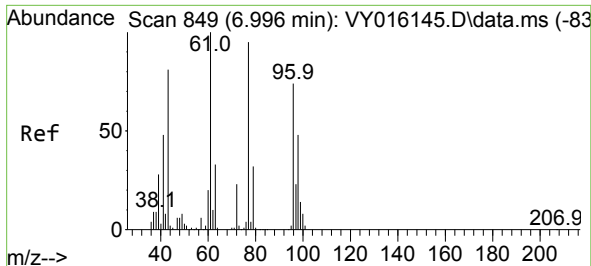
Tgt Ion: 43 Resp: 37776
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 4.376 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016222.D
 Acq: 03 Nov 2023 20:18

Tgt Ion: 63 Resp: 10330
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 5.8 1.8 5.5#

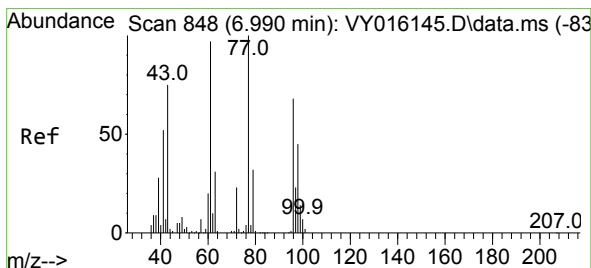
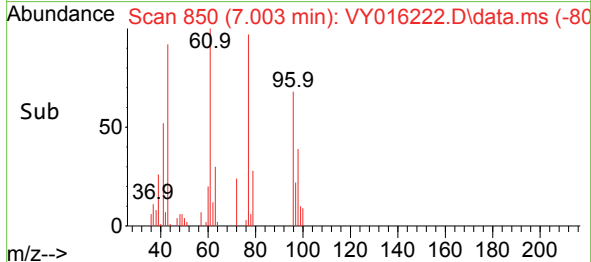
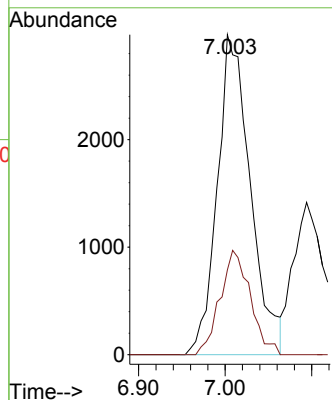
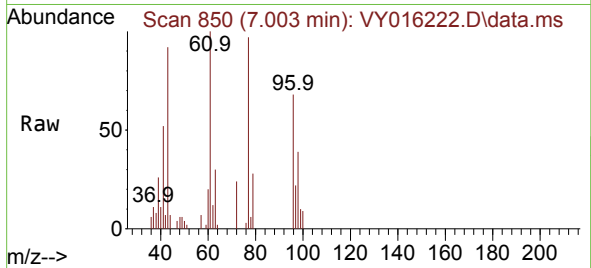




#25
2-Butanone
Concen: 21.235 ug/l
RT: 7.003 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

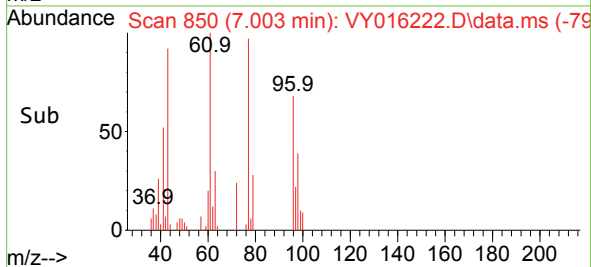
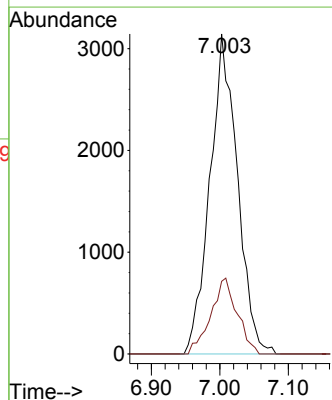
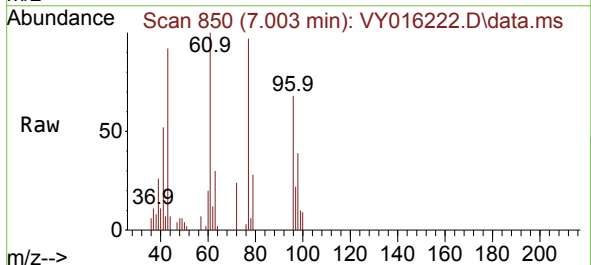
Instrument :
MSVOA_Y
ClientSampleId :

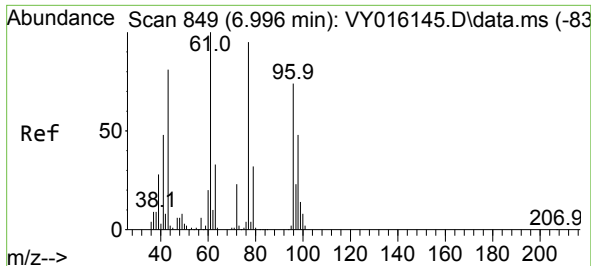
Tgt Ion: 43 Resp: 7898
Ion Ratio Lower Upper
43 100
72 26.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 3.928 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 77 Resp: 8765
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 4.312 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.012 min

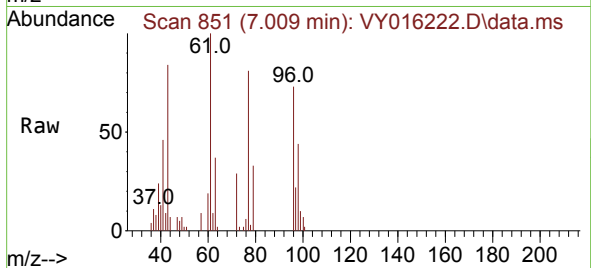
Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :



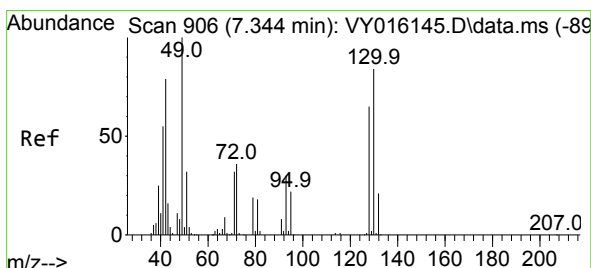
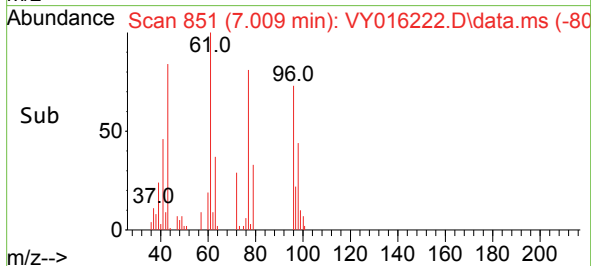
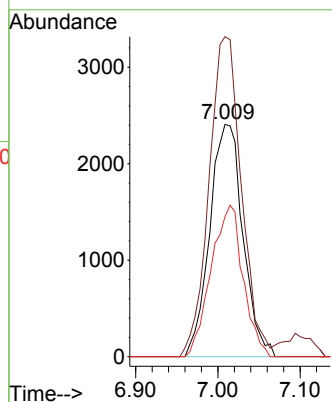
Tgt Ion: 96 Resp: 6738

Ion Ratio Lower Upper

96 100

61 134.5 0.0 301.4

98 63.1 0.0 130.4



#28

Bromochloromethane

Concen: 4.235 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.018 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

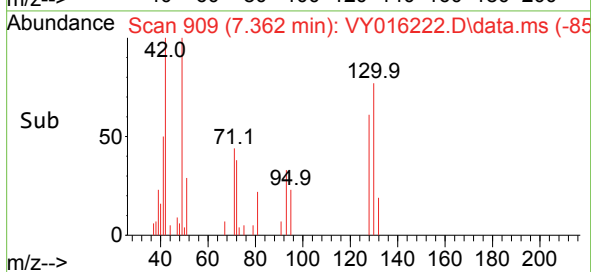
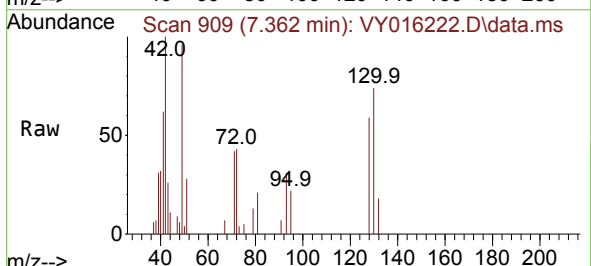
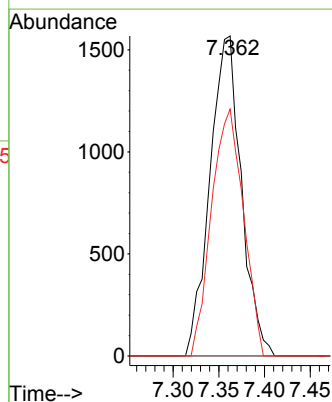
Tgt Ion: 49 Resp: 3741

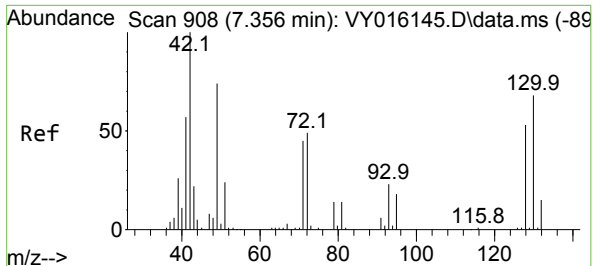
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 78.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 21.875 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

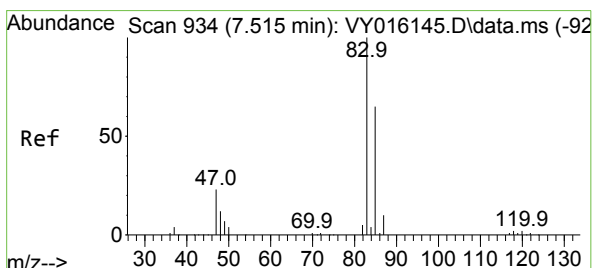
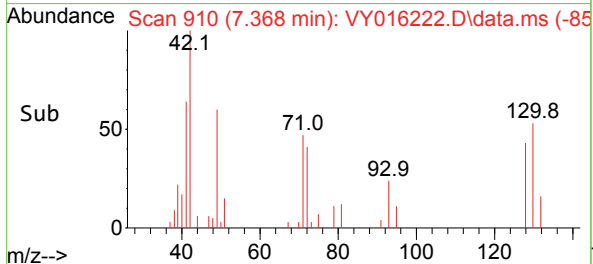
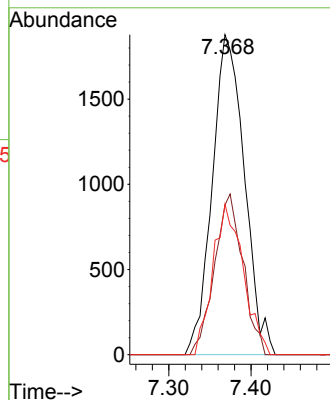
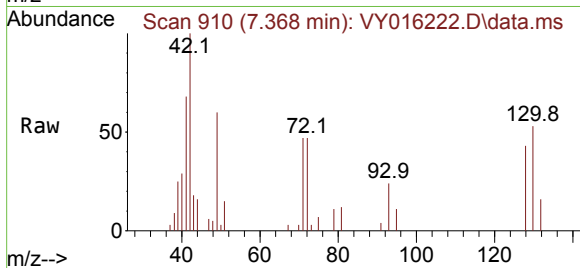
Tgt Ion: 42 Resp: 5100

Ion Ratio Lower Upper

42 100

72 44.5 32.8 49.2

71 44.4 31.0 46.4



#30

Chloroform

Concen: 5.303 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY016222.D

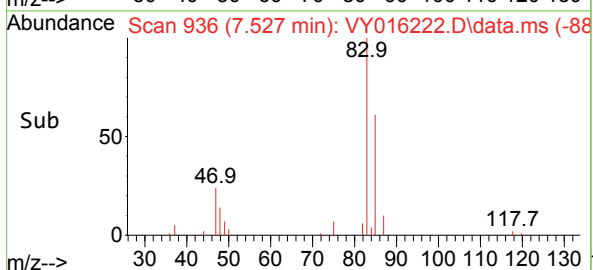
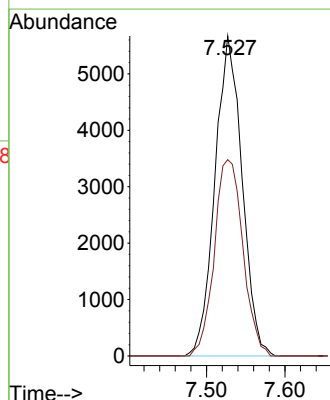
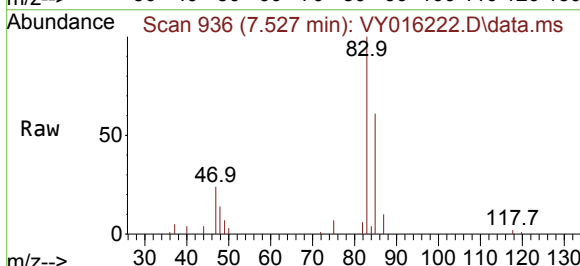
Acq: 03 Nov 2023 20:18

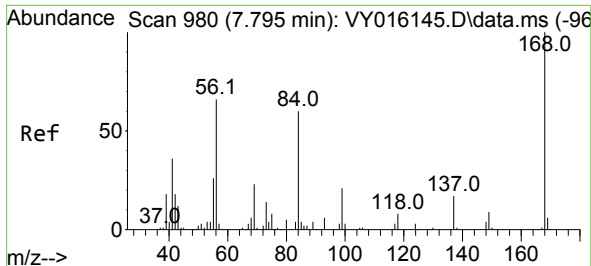
Tgt Ion: 83 Resp: 13628

Ion Ratio Lower Upper

83 100

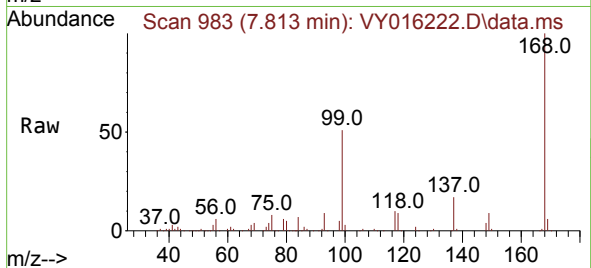
85 61.4 49.7 74.5



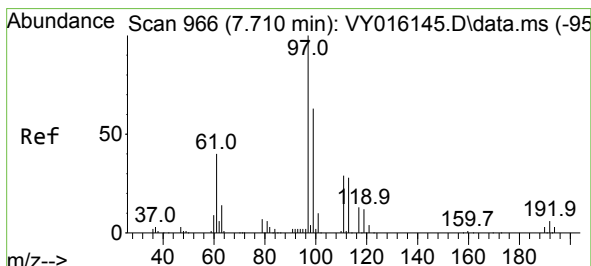
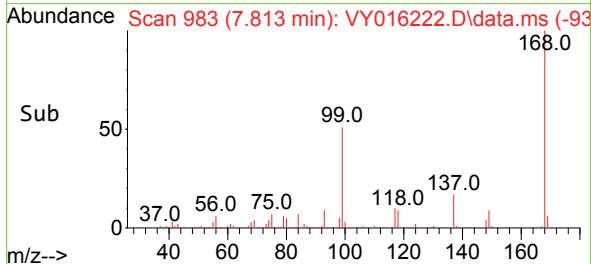
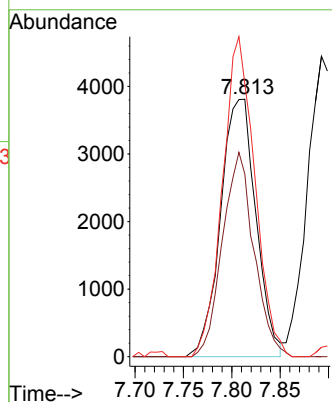


#31
Cyclohexane
Concen: 4.679 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Instrument :
MSVOA_Y
ClientSampleId :

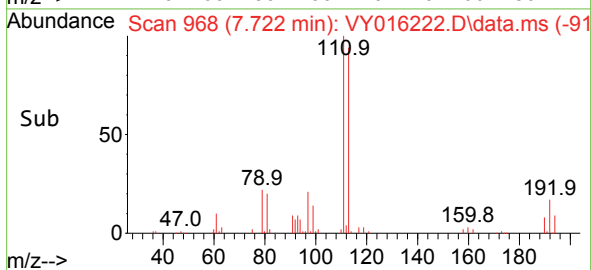
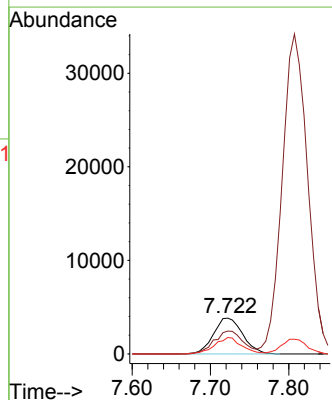
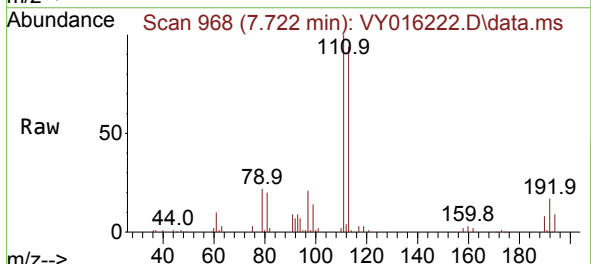


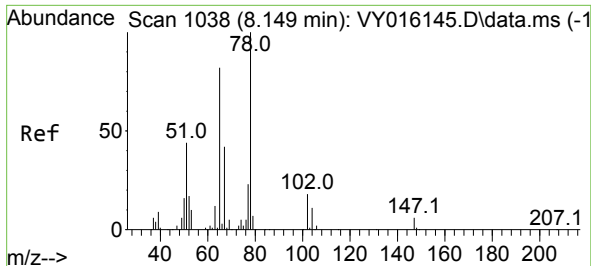
Tgt Ion: 56 Resp: 9696
Ion Ratio Lower Upper
56 100
69 70.9 27.8 41.6#
84 105.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 4.212 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 97 Resp: 9927
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 42.5 35.1 52.7

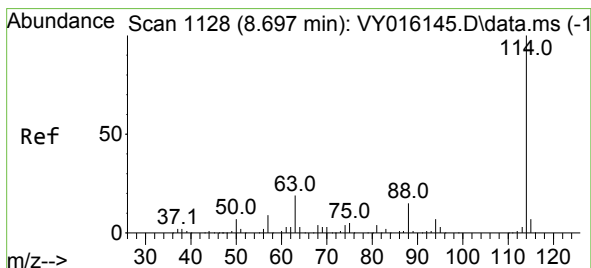
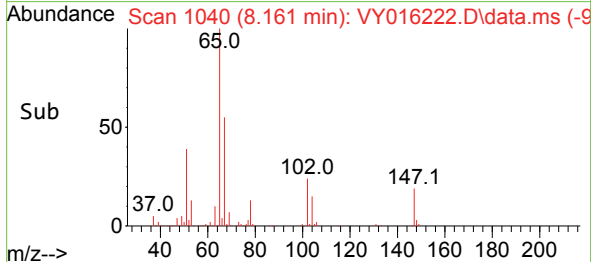
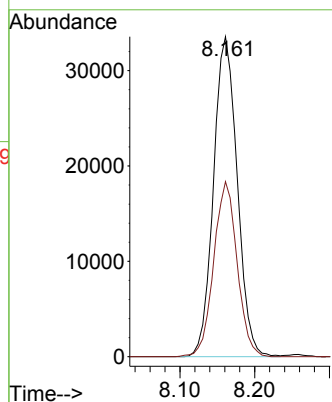
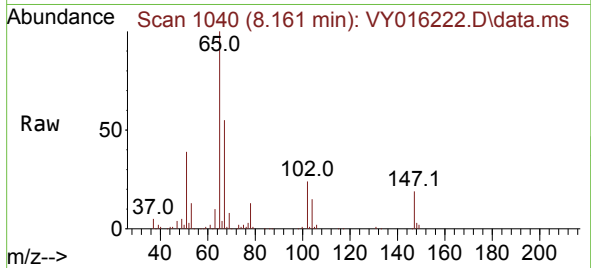




#33
1,2-Dichloroethane-d4
Concen: 54.876 ug/l
RT: 8.161 min Scan# 1130
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

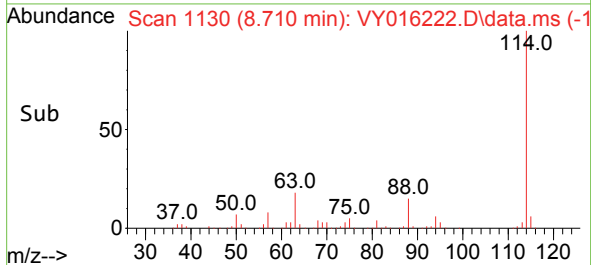
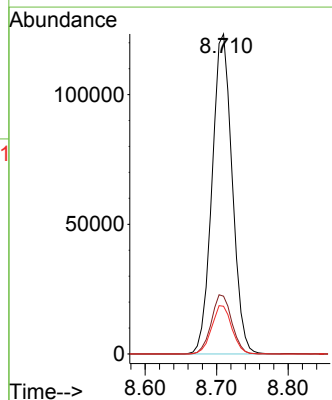
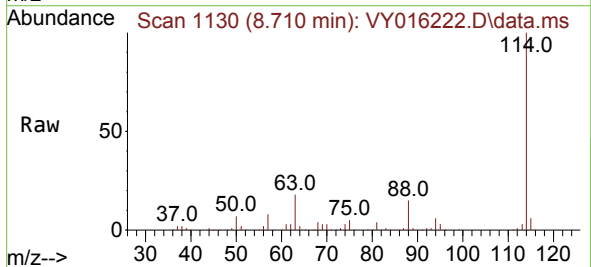
Instrument :
MSVOA_Y
ClientSampleId :

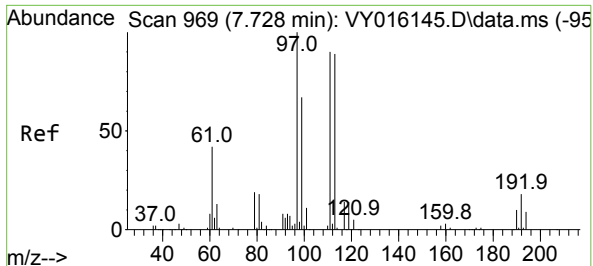
Tgt Ion: 65 Resp: 73978
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 114 Resp: 241135
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.4
88 14.9 0.0 30.6

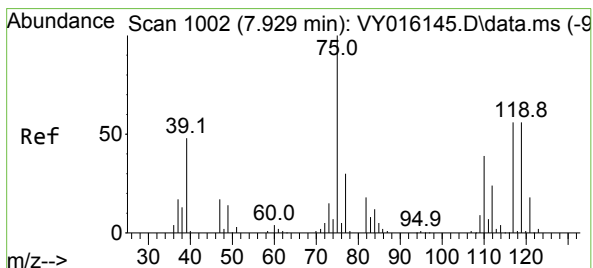
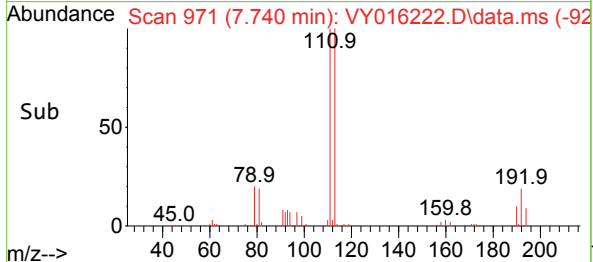
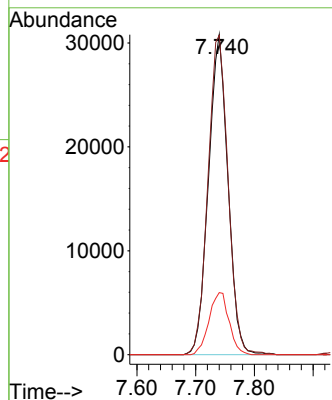
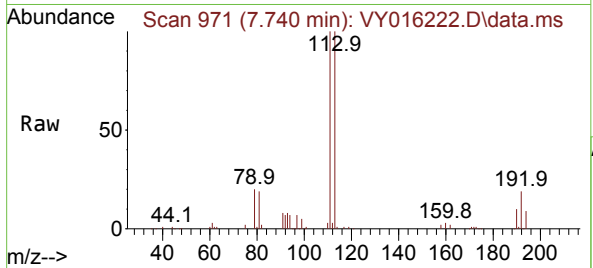




#35
Dibromofluoromethane
Concen: 49.319 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

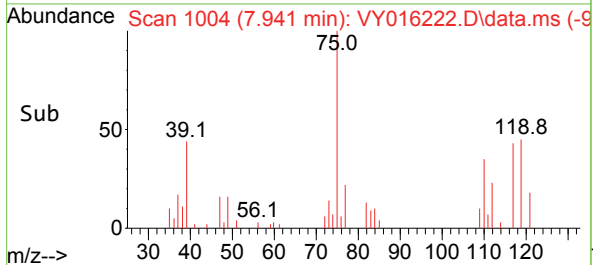
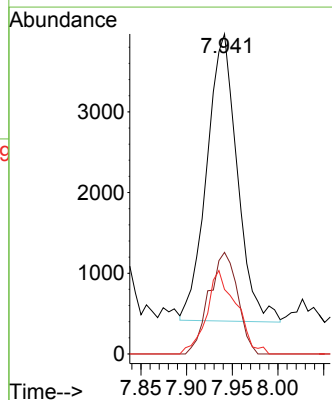
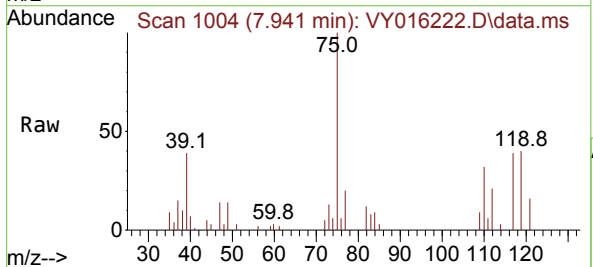
Instrument :
MSVOA_Y
ClientSampleId :

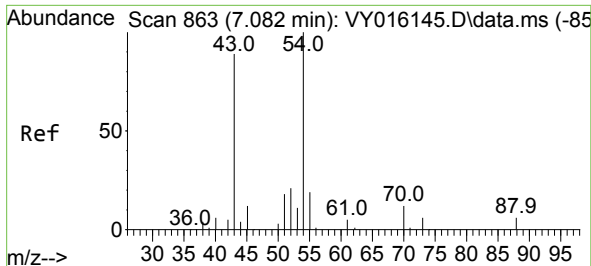
Tgt Ion:113 Resp: 70900
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.971 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 75 Resp: 8243
Ion Ratio Lower Upper
75 100
110 33.2 17.8 53.5
77 28.3 24.4 36.6





#37

Ethyl Acetate

Concen: 4.093 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.012 min

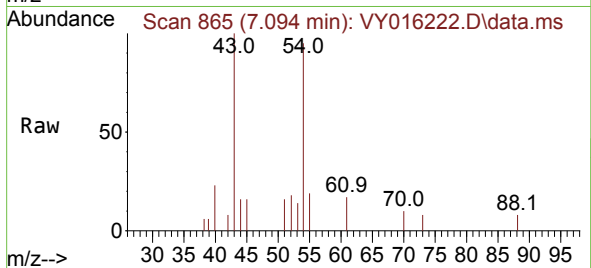
Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :



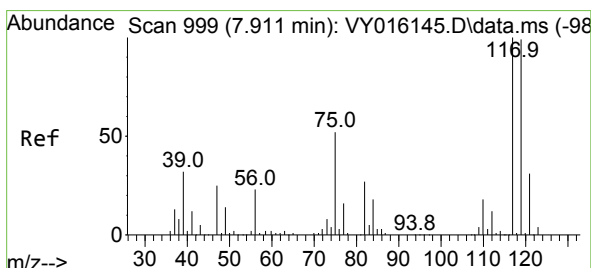
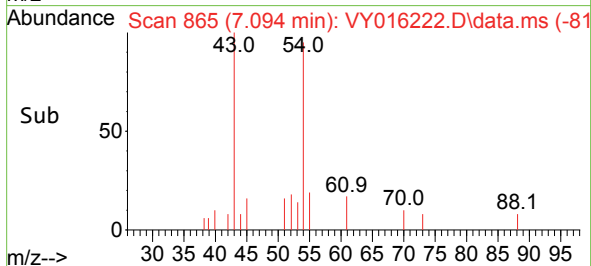
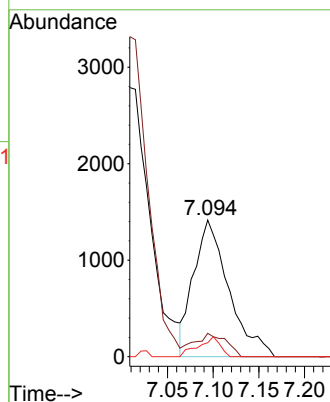
Tgt Ion: 43 Resp: 3784

Ion Ratio Lower Upper

43 100

61 14.4 10.1 15.1

70 8.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 4.128 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

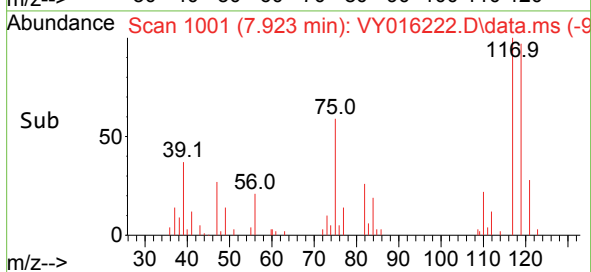
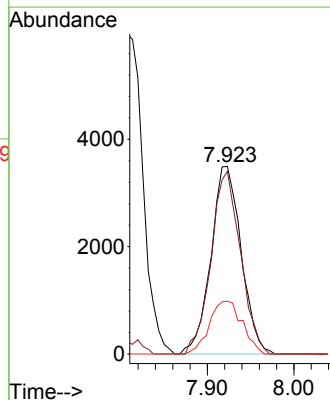
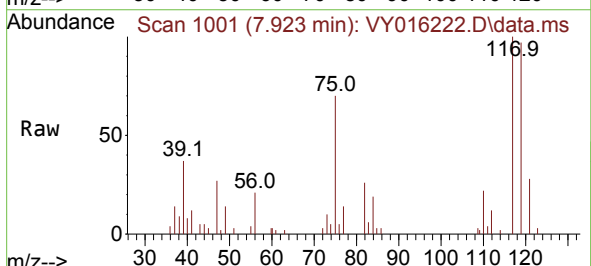
Tgt Ion: 117 Resp: 8489

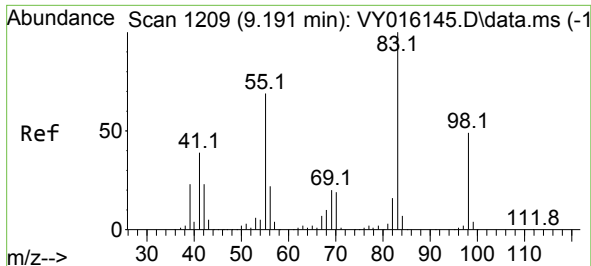
Ion Ratio Lower Upper

117 100

119 97.4 76.4 114.6

121 28.2 25.8 38.6

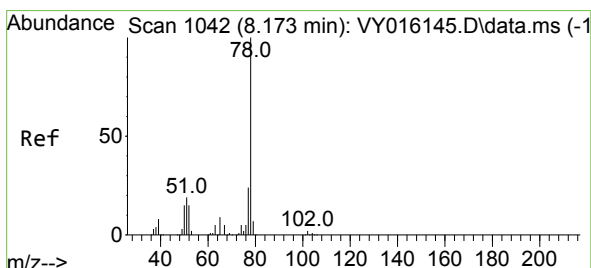
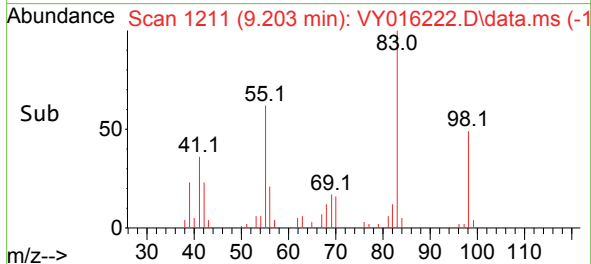
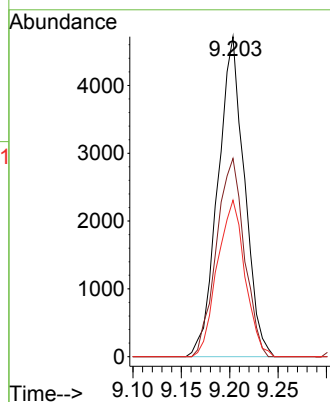
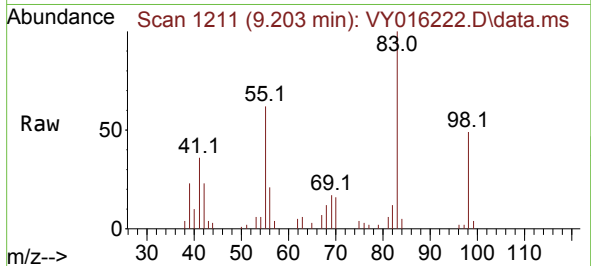




#39
Methylcyclohexane
Concen: 3.635 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

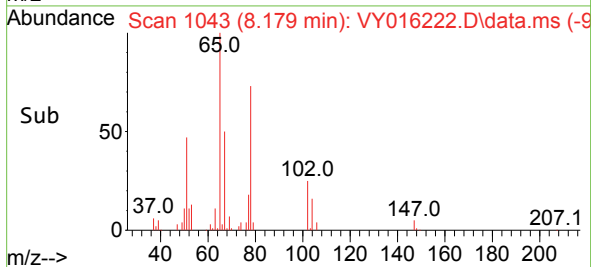
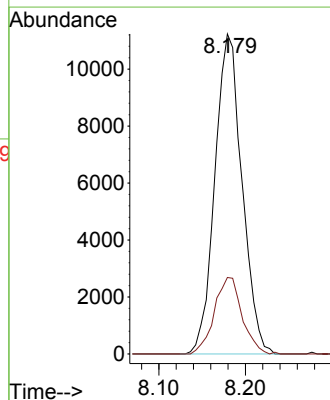
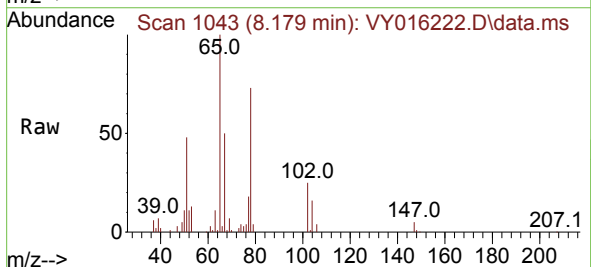
Instrument :
MSVOA_Y
ClientSampleId :

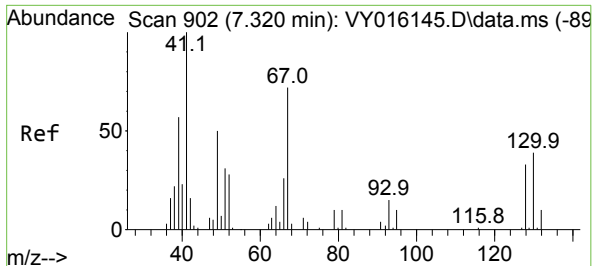
Tgt Ion: 83 Resp: 9008
Ion Ratio Lower Upper
83 100
55 62.0 63.0 94.4#
98 48.9 37.4 56.2



#40
Benzene
Concen: 4.101 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

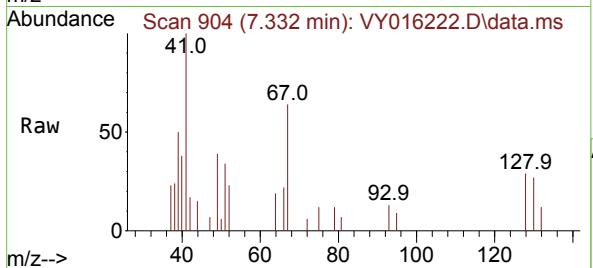
Tgt Ion: 78 Resp: 24441
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



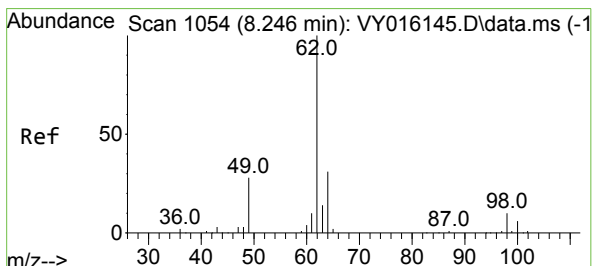
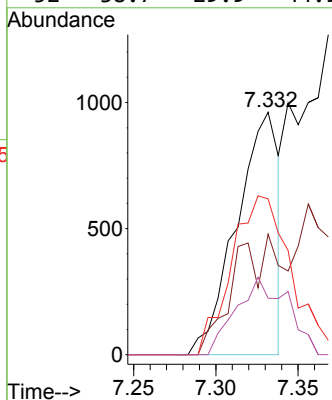
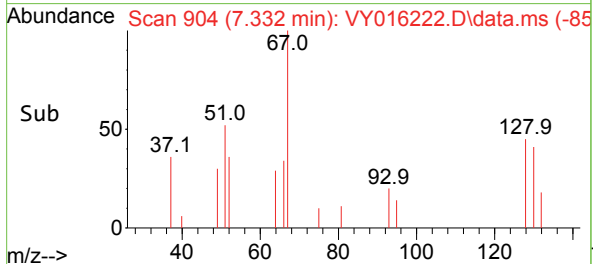


#41
Methacrylonitrile
Concen: 3.211 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

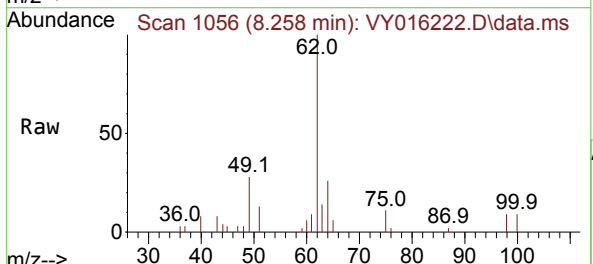
Instrument :
MSVOA_Y
ClientSampleId :



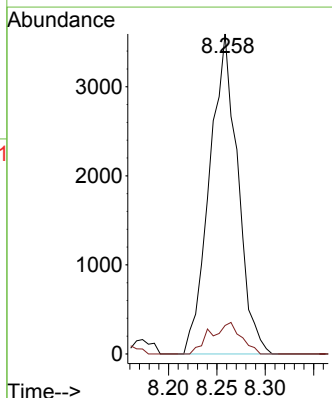
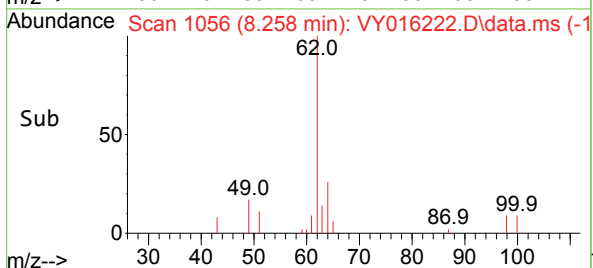
Tgt Ion: 41 Resp: 1723
Ion Ratio Lower Upper
41 100
39 32.7 52.1 78.1#
67 91.8 66.2 99.2
52 38.7 29.9 44.9

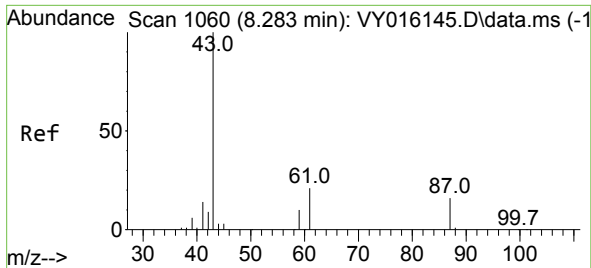


#42
1,2-Dichloroethane
Concen: 4.376 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18



Tgt Ion: 62 Resp: 7278
Ion Ratio Lower Upper
62 100
98 10.7 0.0 15.8





#43

Isopropyl Acetate

Concen: 3.971 ug/l

RT: 8.295 min Scan# 1062

Delta R.T. 0.012 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

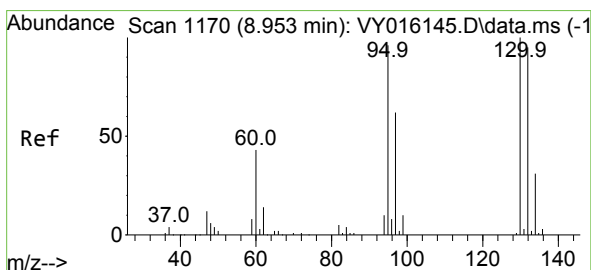
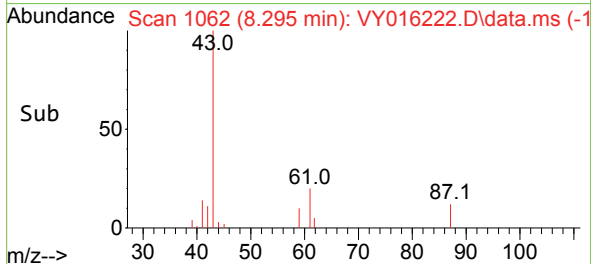
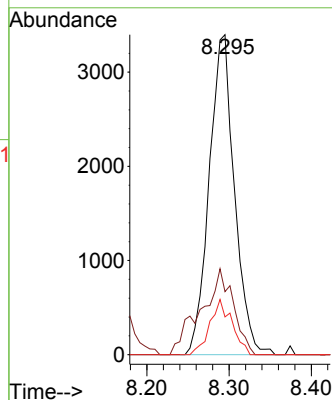
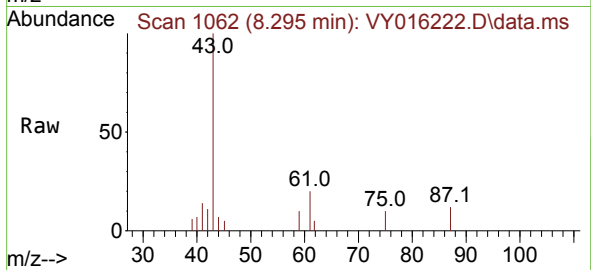
Tgt Ion: 43 Resp: 7262

Ion Ratio Lower Upper

43 100

61 34.5 21.1 31.7#

87 15.1 9.8 14.8#



#44

Trichloroethene

Concen: 3.942 ug/l

RT: 8.960 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY016222.D

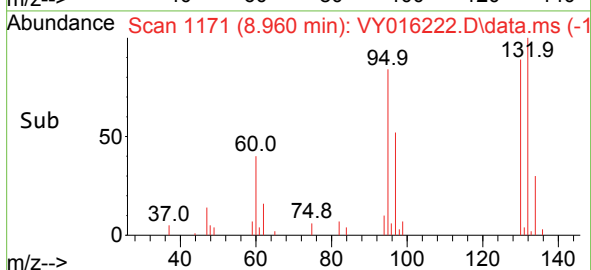
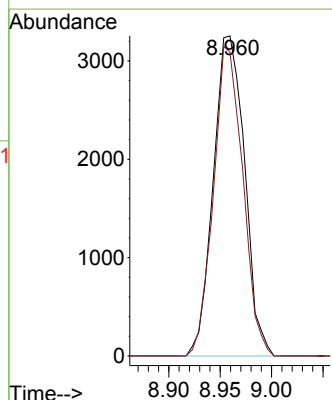
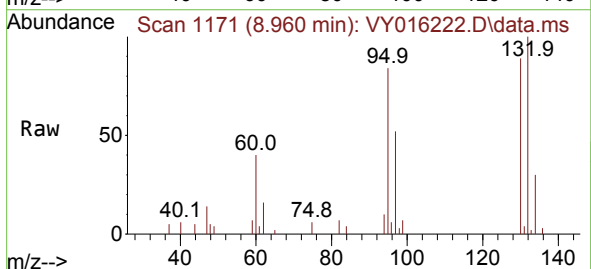
Acq: 03 Nov 2023 20:18

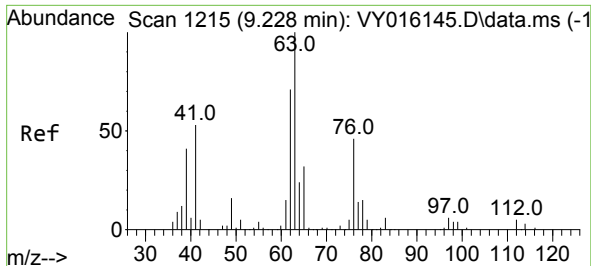
Tgt Ion:130 Resp: 6874

Ion Ratio Lower Upper

130 100

95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 4.177 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

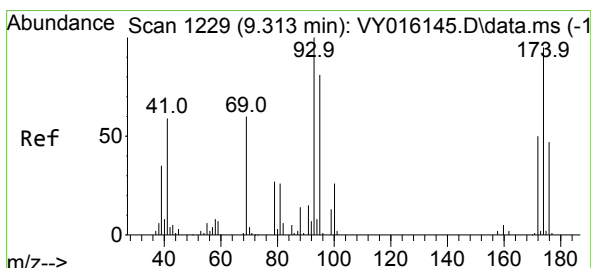
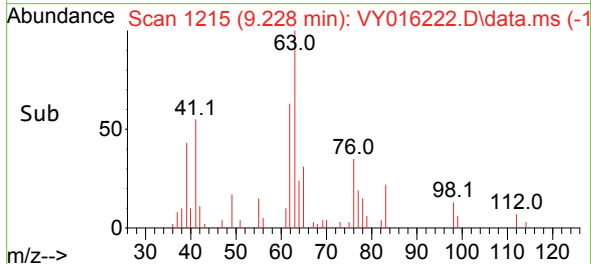
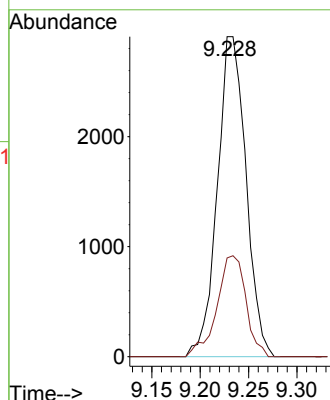
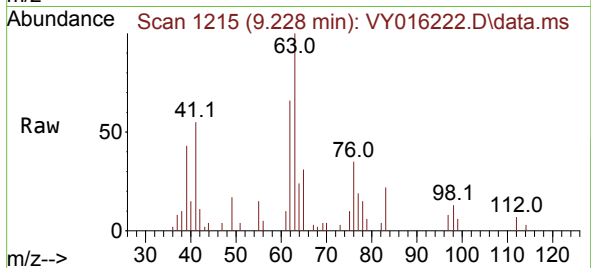
ClientSampleId :

Tgt Ion: 63 Resp: 5988

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 3.983 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

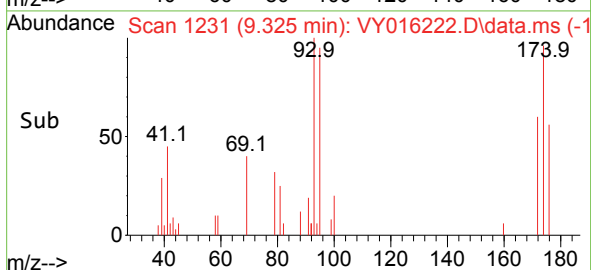
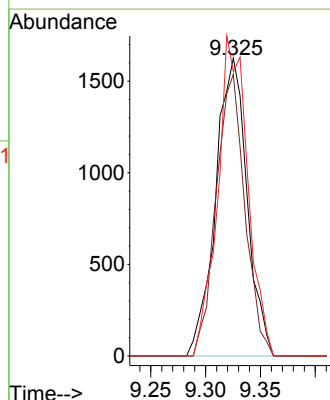
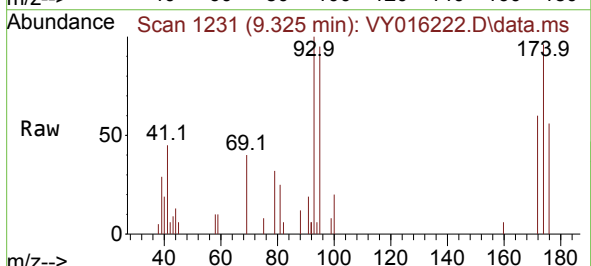
Tgt Ion: 93 Resp: 3239

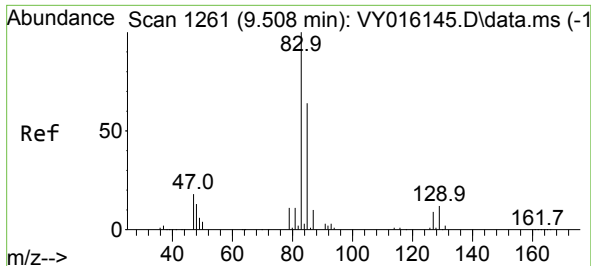
Ion Ratio Lower Upper

93 100

95 86.7 66.6 100.0

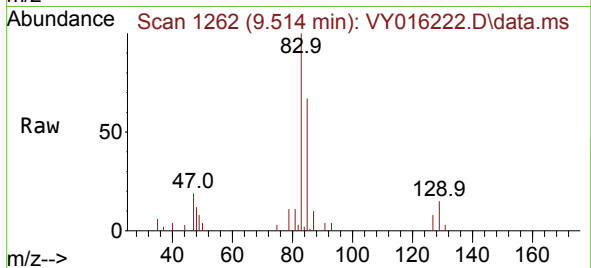
174 102.7 84.8 127.2



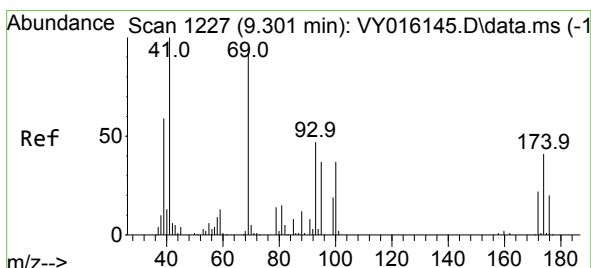
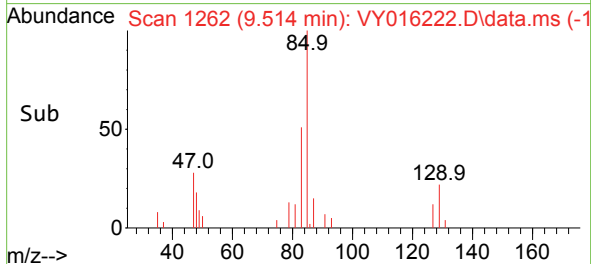
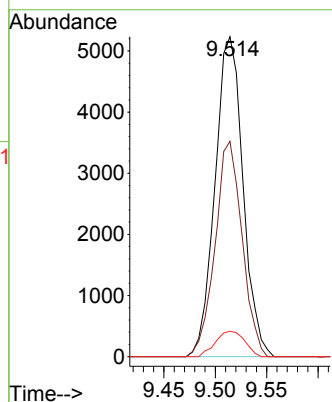


#47
Bromodichloromethane
Concen: 4.781 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Instrument :
MSVOA_Y
ClientSampleId :

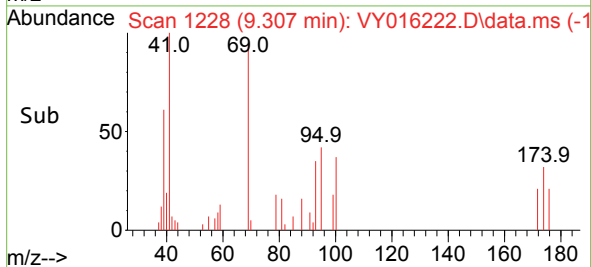
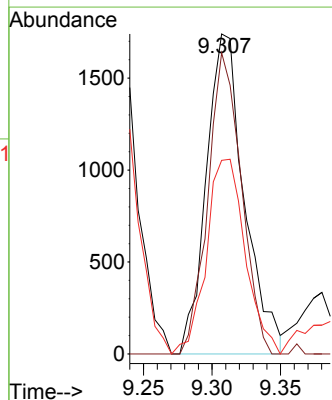
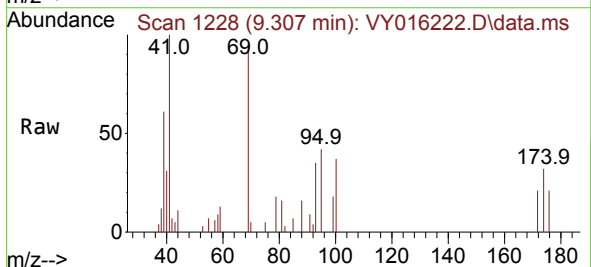


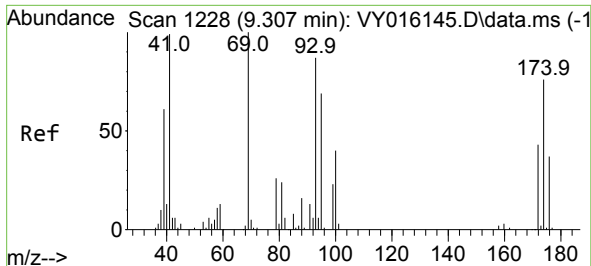
Tgt Ion: 83 Resp: 9880
Ion Ratio Lower Upper
83 100
85 67.3 50.1 75.1
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 4.041 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 41 Resp: 3361
Ion Ratio Lower Upper
41 100
69 82.8 64.5 96.7
39 61.8 50.8 76.2





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.319 min Scan# 11

Delta R.T. 0.012 min

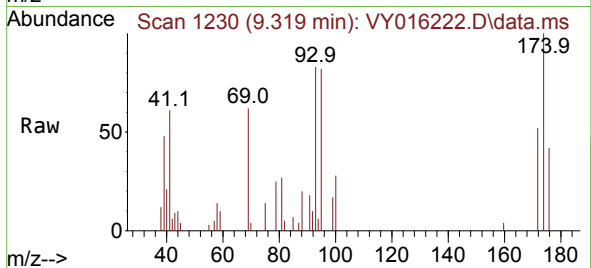
Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :



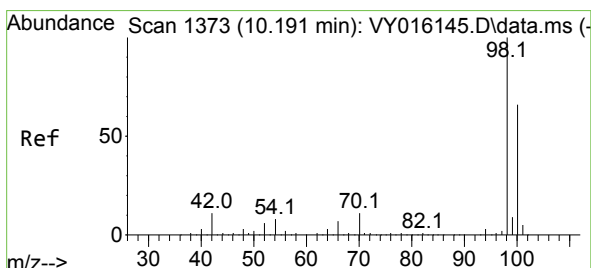
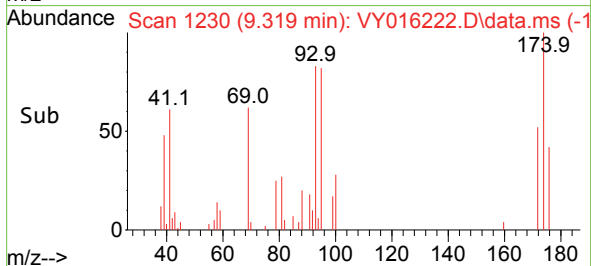
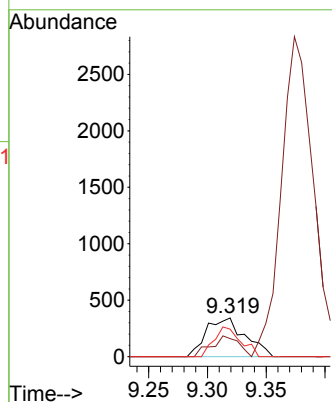
Tgt Ion: 88 Resp: 786

Ion Ratio Lower Upper

88 100

43 37.8 0.0 0.0#

58 52.8 30.9 46.3#



#50

Toluene-d8

Concen: 50.551 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016222.D

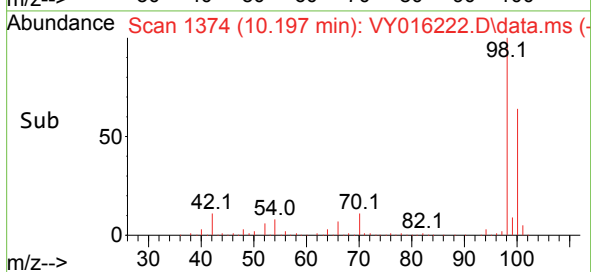
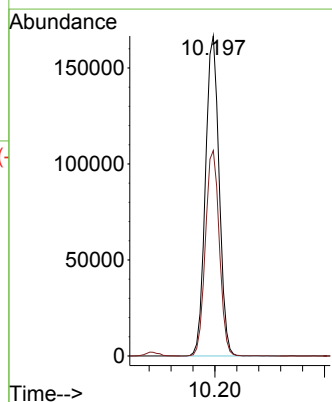
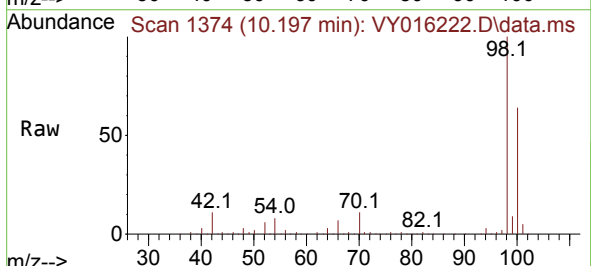
Acq: 03 Nov 2023 20:18

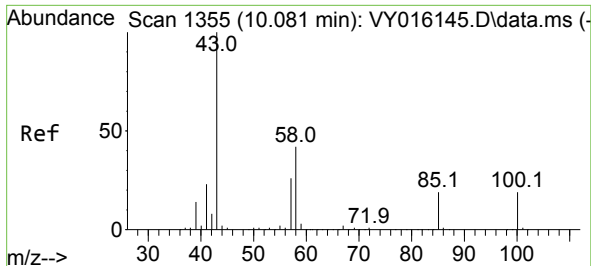
Tgt Ion: 98 Resp: 288127

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

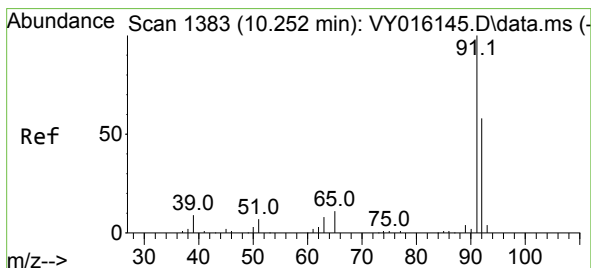
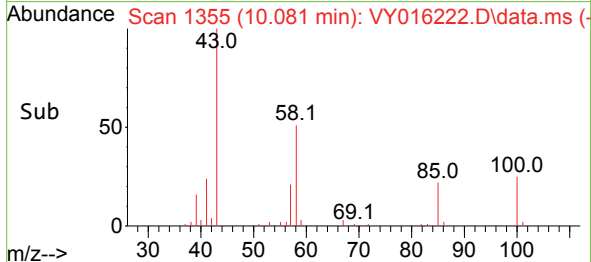
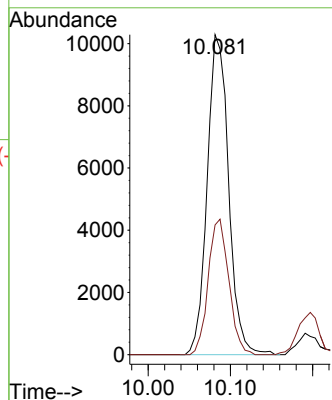
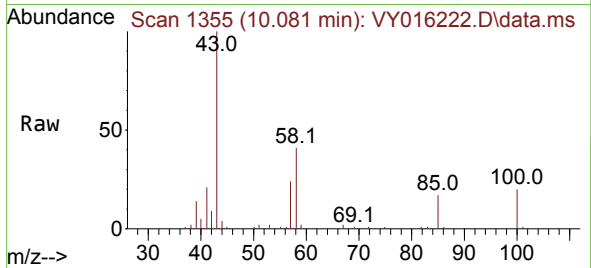




#51
4-Methyl-2-Pentanone
Concen: 20.406 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

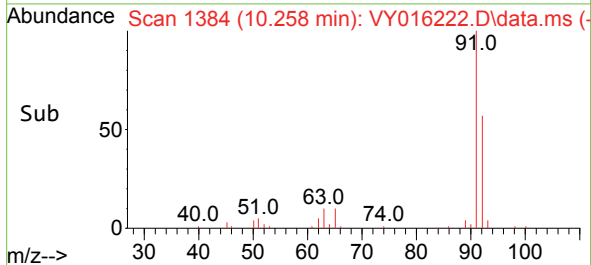
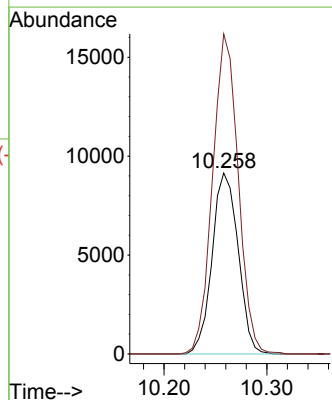
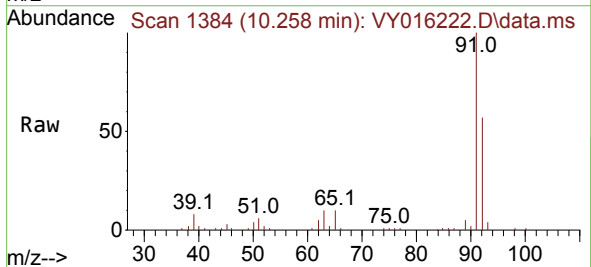
Instrument :
MSVOA_Y
ClientSampleId :

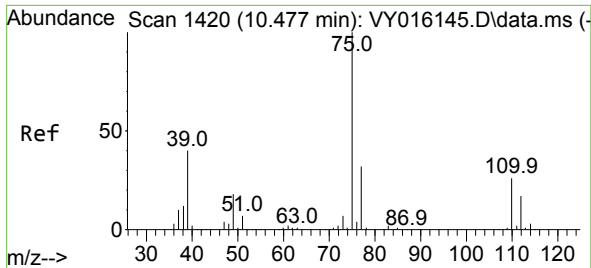
Tgt Ion: 43 Resp: 18621
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6



#52
Toluene
Concen: 4.163 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 92 Resp: 16077
Ion Ratio Lower Upper
92 100
91 174.5 143.8 215.6

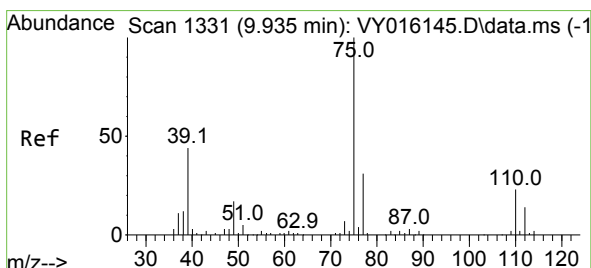
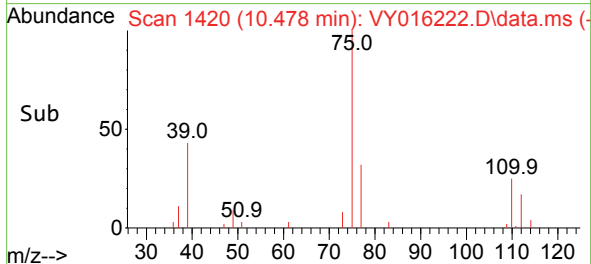
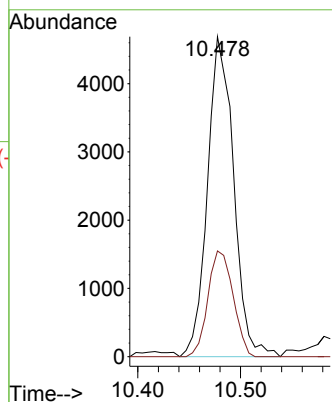
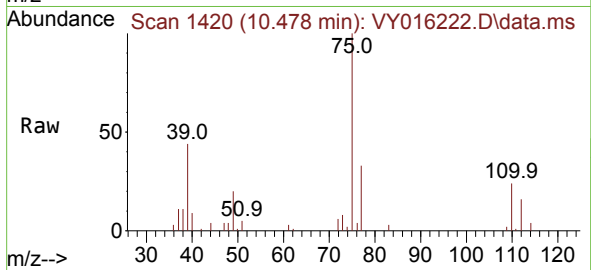




#53
 t-1,3-Dichloropropene
 Concen: 4.023 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY016222.D
 Acq: 03 Nov 2023 20:18

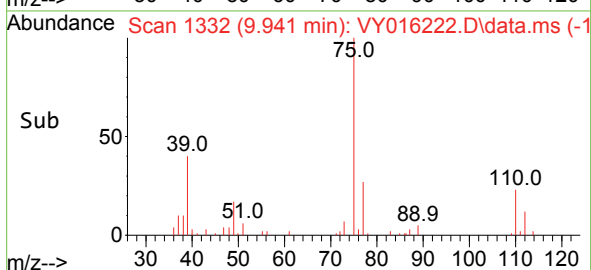
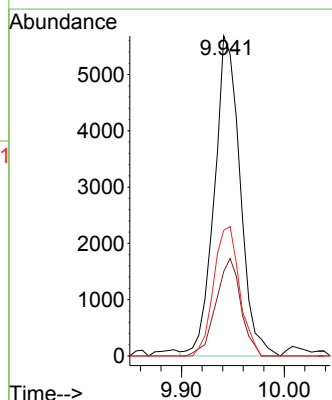
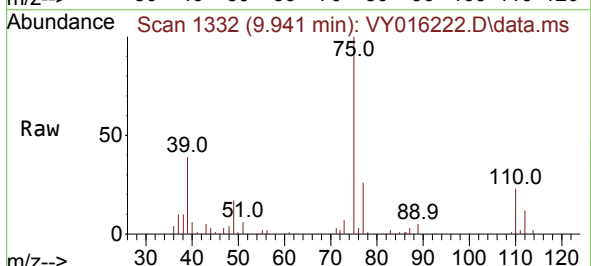
Instrument :
 MSVOA_Y
 ClientSampleId :

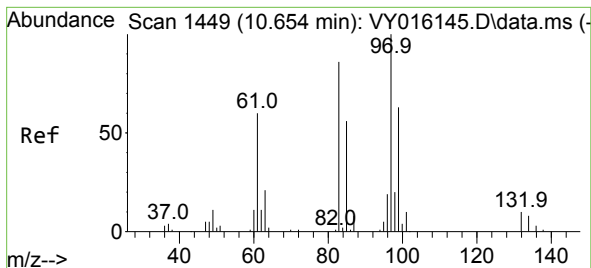
Tgt Ion: 75 Resp: 8299
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.084 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016222.D
 Acq: 03 Nov 2023 20:18

Tgt Ion: 75 Resp: 9885
 Ion Ratio Lower Upper
 75 100
 77 26.4 24.2 36.4
 39 39.3 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 4.313 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 4934

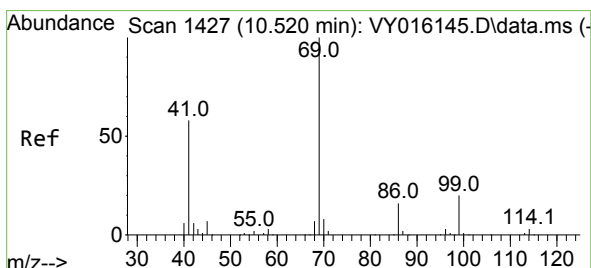
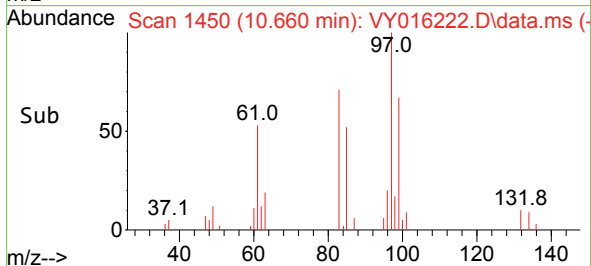
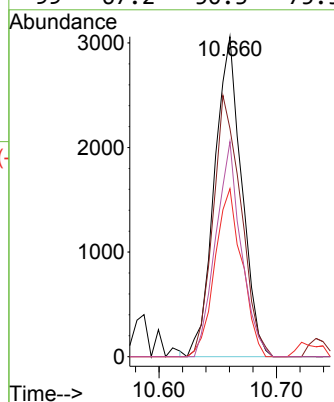
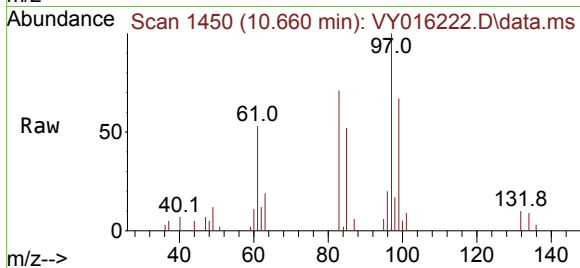
Ion Ratio Lower Upper

97 100

83 71.3 72.0 108.0#

85 52.5 45.4 68.0

99 67.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 3.827 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

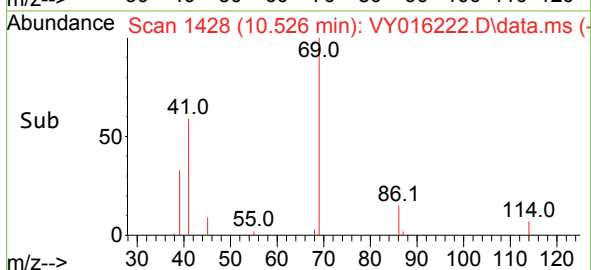
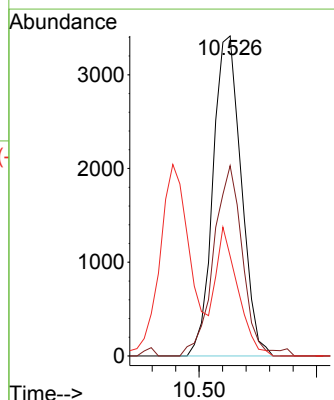
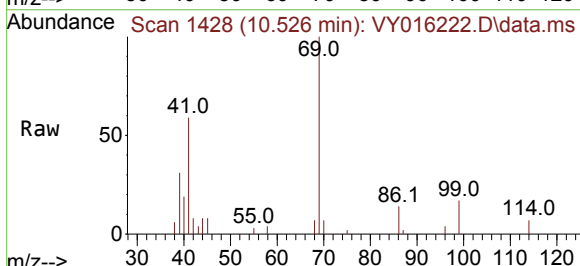
Tgt Ion: 69 Resp: 5686

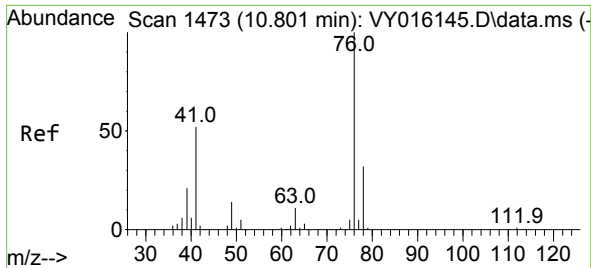
Ion Ratio Lower Upper

69 100

41 61.6 57.6 86.4

39 31.0 34.1 51.1#

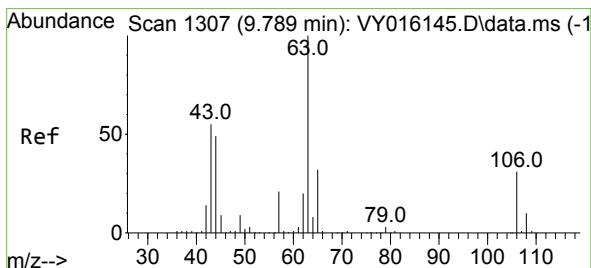
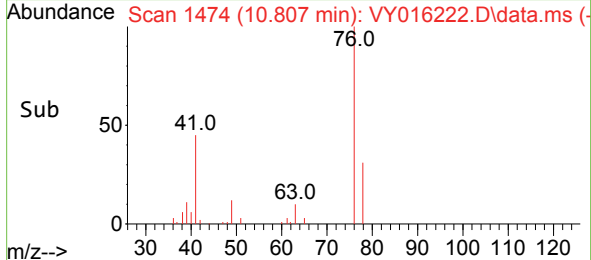
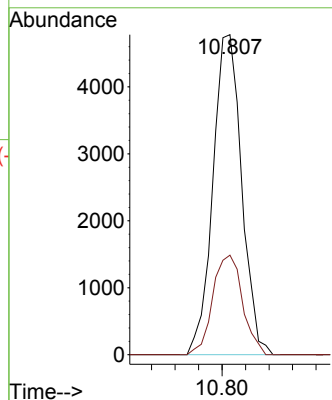
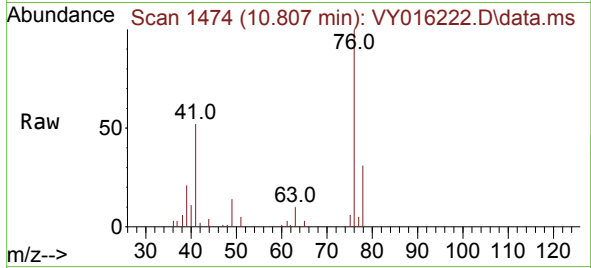




#57
1,3-Dichloropropane
Concen: 4.168 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

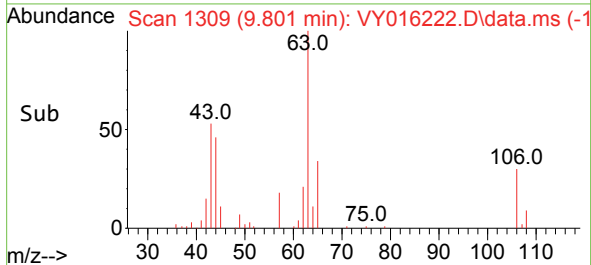
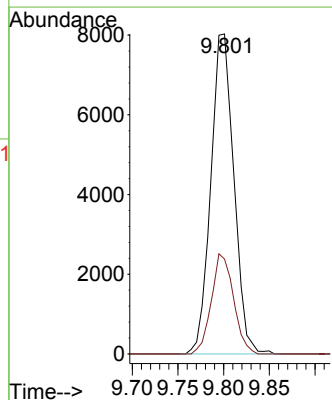
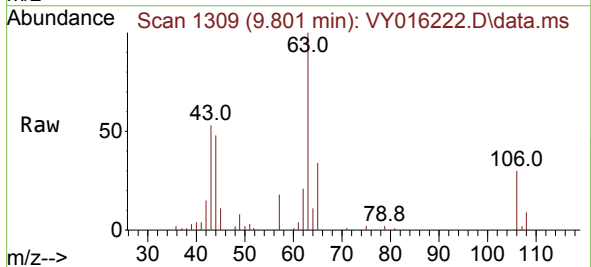
Instrument :
MSVOA_Y
ClientSampleId :

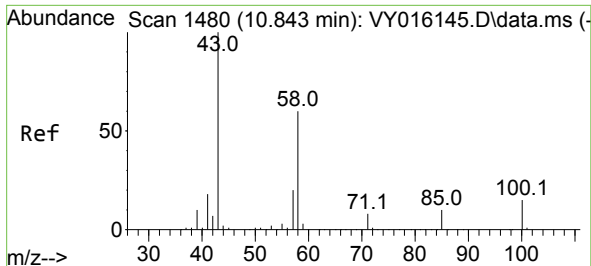
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.3	37.9



#58
2-Chloroethyl Vinyl ether
Concen: 19.547 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	21.2	31.8

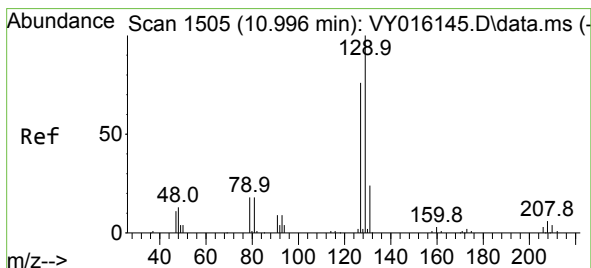
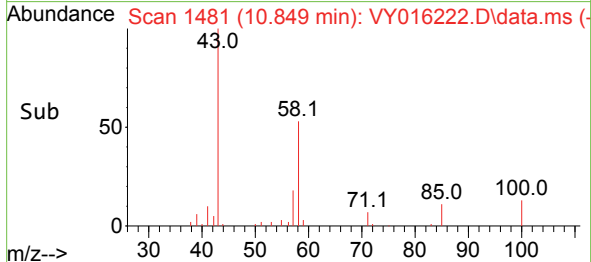
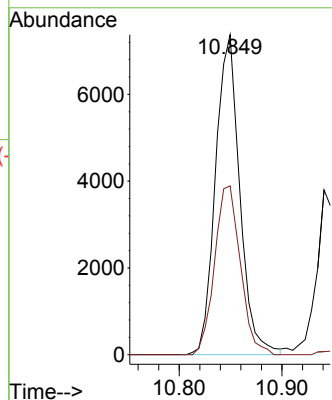
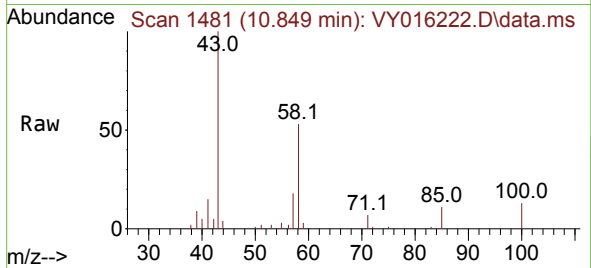




#59
2-Hexanone
Concen: 19.297 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

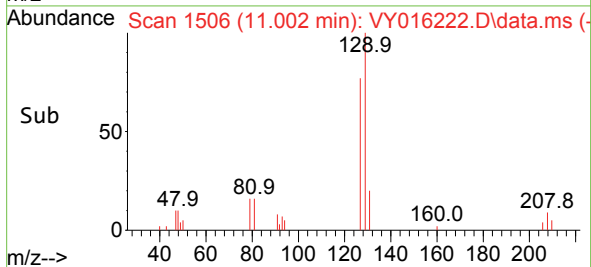
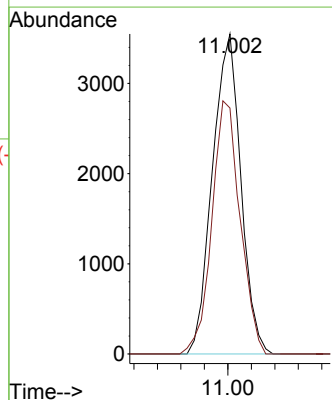
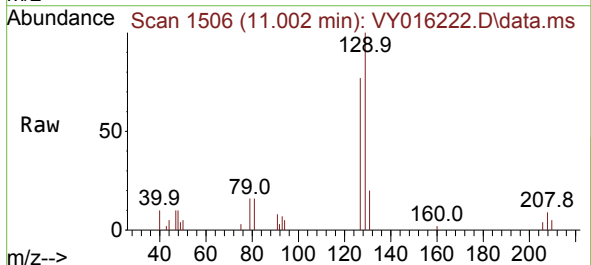
Instrument :
MSVOA_Y
ClientSampleId :

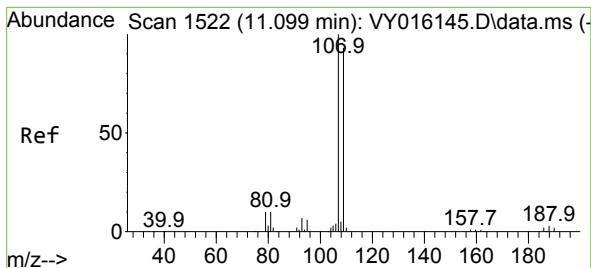
Tgt Ion: 43 Resp: 12067
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3



#60
Dibromochloromethane
Concen: 4.154 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 129 Resp: 5962
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 4.199 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

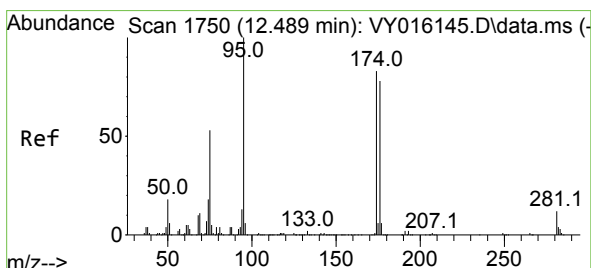
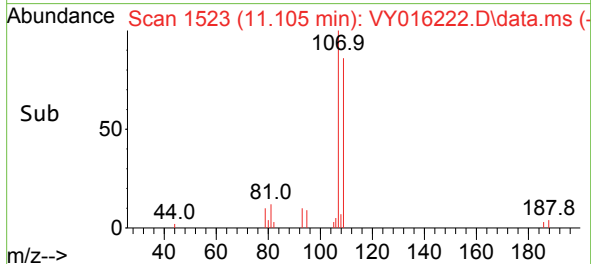
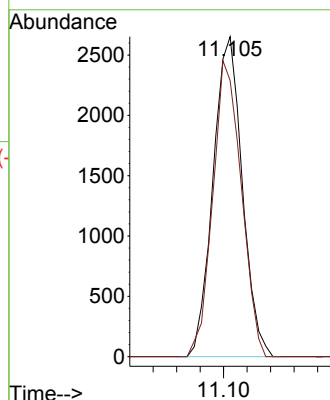
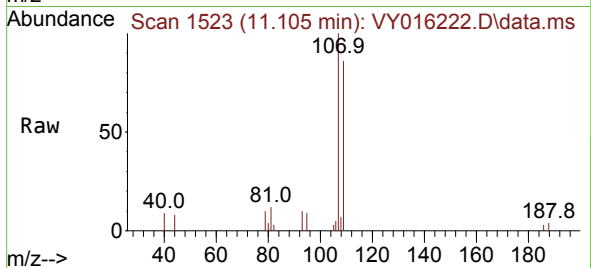
ClientSampleId :

Tgt Ion:107 Resp: 4569

Ion Ratio Lower Upper

107 100

109 90.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.505 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

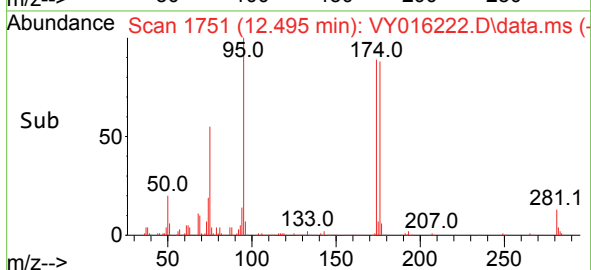
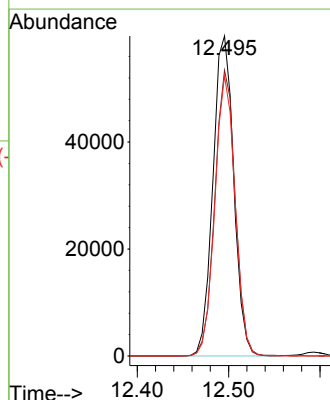
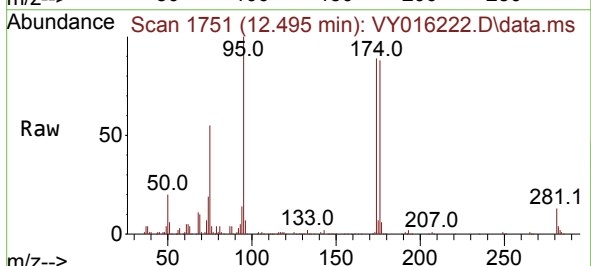
Tgt Ion: 95 Resp: 94536

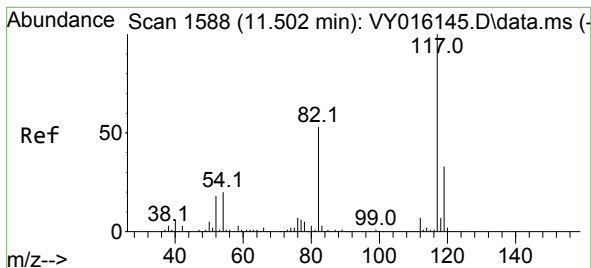
Ion Ratio Lower Upper

95 100

174 87.4 0.0 178.2

176 85.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

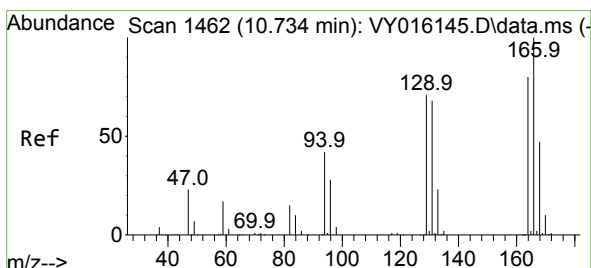
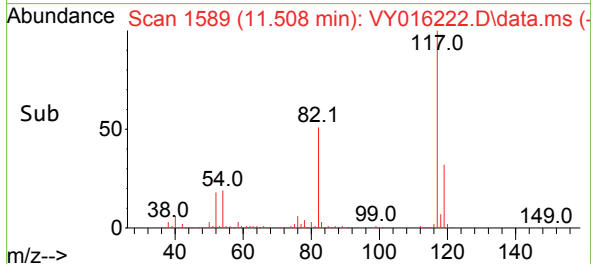
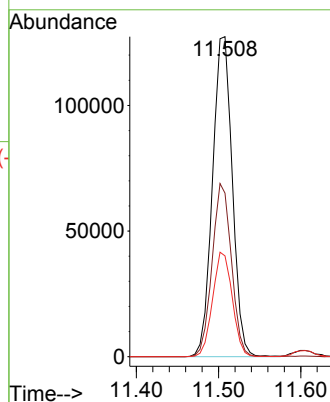
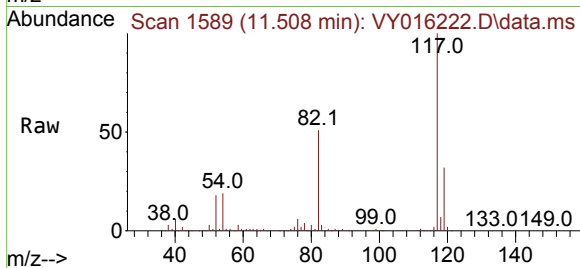
Tgt Ion:117 Resp: 213123

Ion Ratio Lower Upper

117 100

82 51.1 43.4 65.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 3.848 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Tgt Ion:164 Resp: 7294

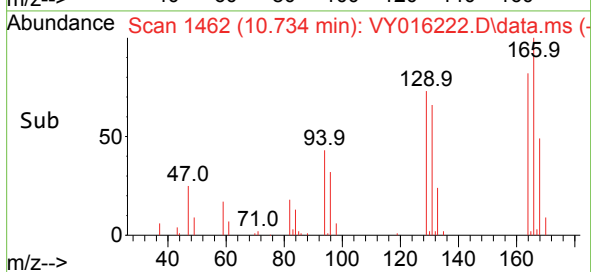
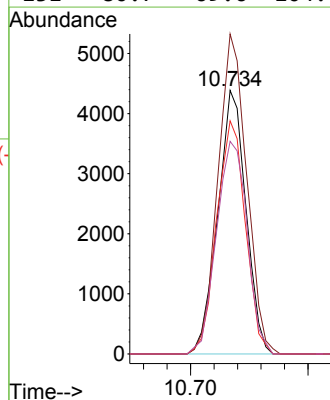
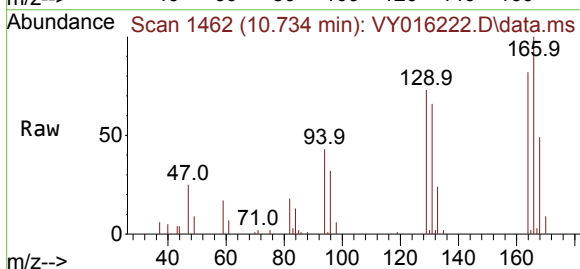
Ion Ratio Lower Upper

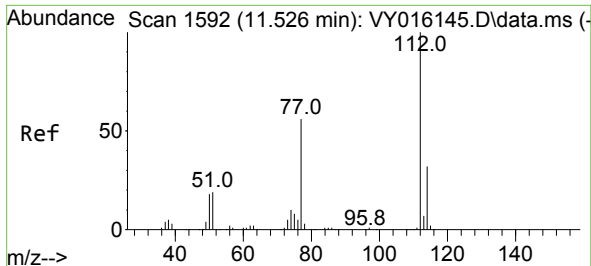
164 100

166 121.5 103.0 154.6

129 88.5 77.2 115.8

131 80.7 69.6 104.4

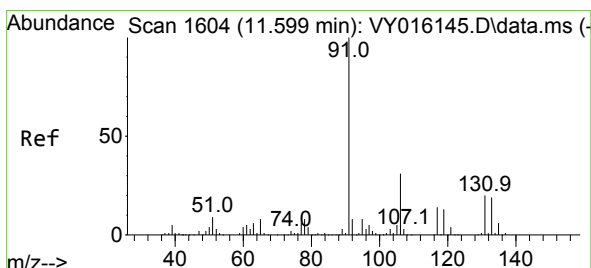
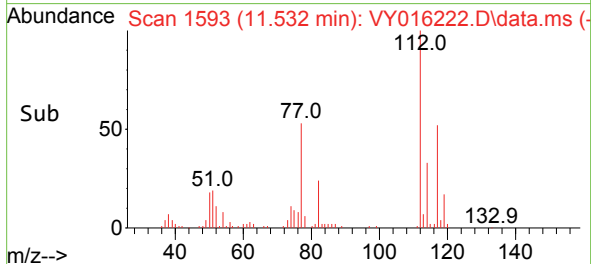
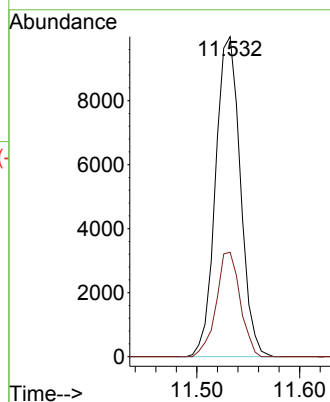
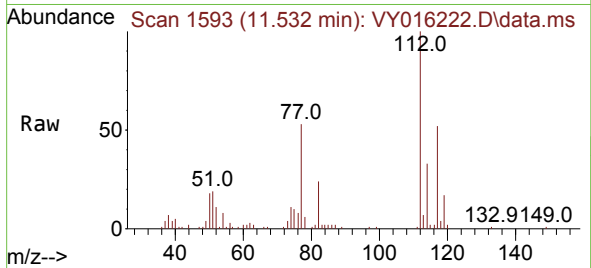




#65
Chlorobenzene
Concen: 3.947 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

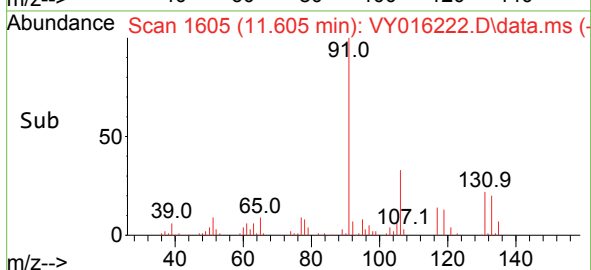
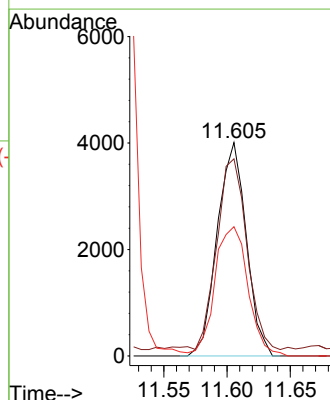
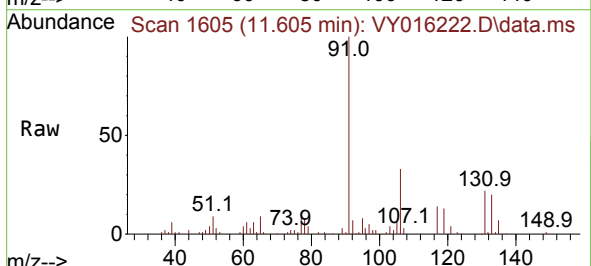
Instrument :
MSVOA_Y
ClientSampleId :

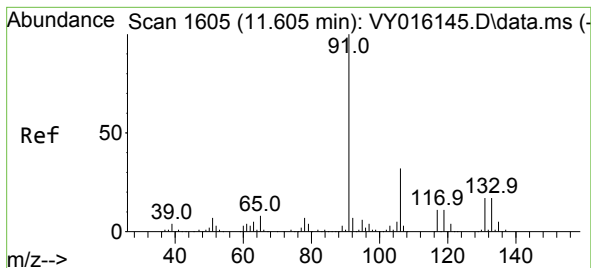
Tgt Ion:112 Resp: 16713
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.081 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion:131 Resp: 6400
Ion Ratio Lower Upper
131 100
133 93.2 47.5 142.6
119 69.0 31.6 94.7





#67

Ethyl Benzene

Concen: 3.757 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

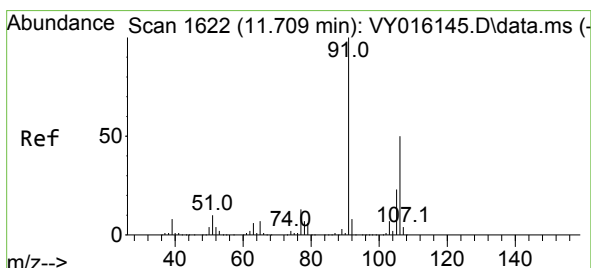
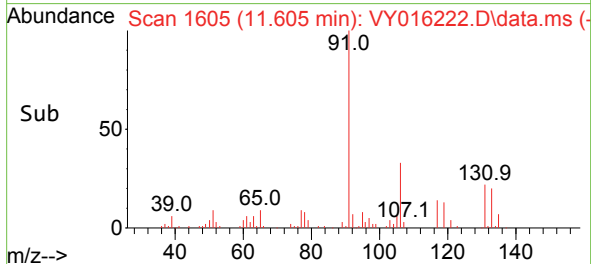
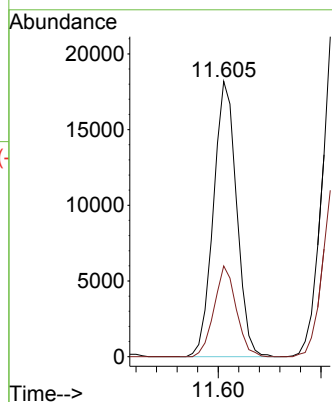
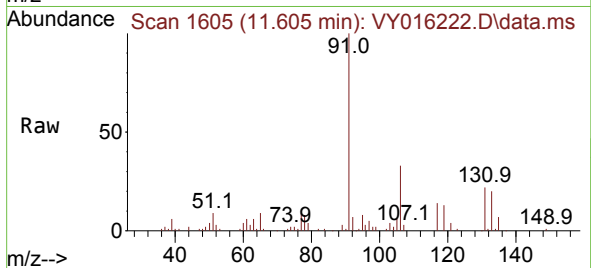
ClientSampleId :

Tgt Ion: 91 Resp: 28457

Ion Ratio Lower Upper

91 100

106 32.9 24.6 36.8



#68

m/p-Xylenes

Concen: 7.710 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016222.D

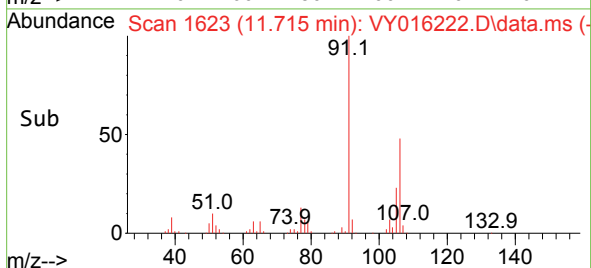
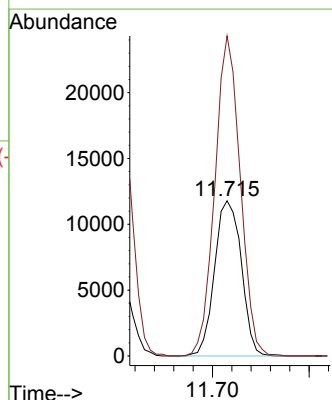
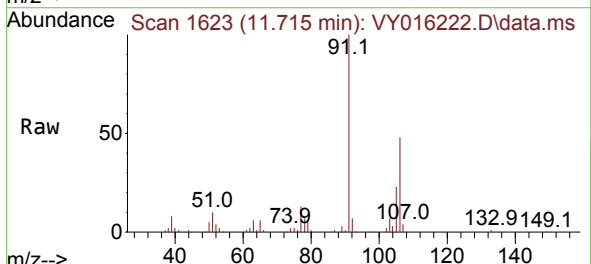
Acq: 03 Nov 2023 20:18

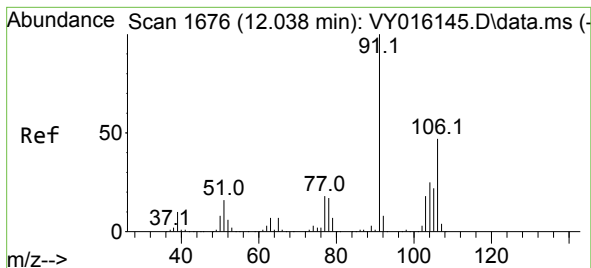
Tgt Ion:106 Resp: 22564

Ion Ratio Lower Upper

106 100

91 196.3 166.1 249.1





#69

o-Xylene

Concen: 3.743 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

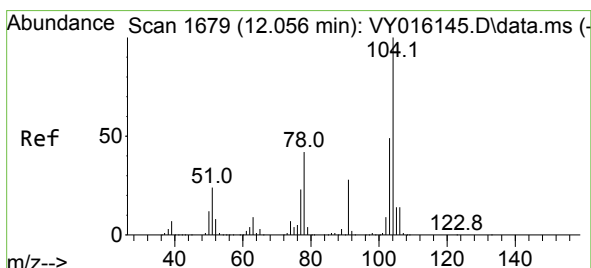
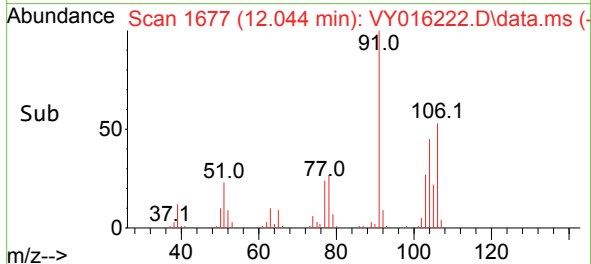
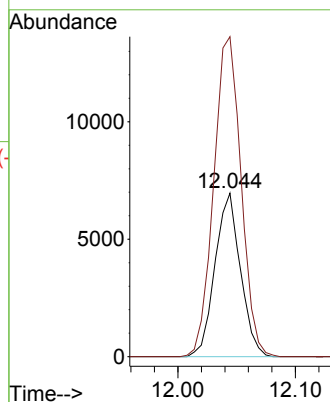
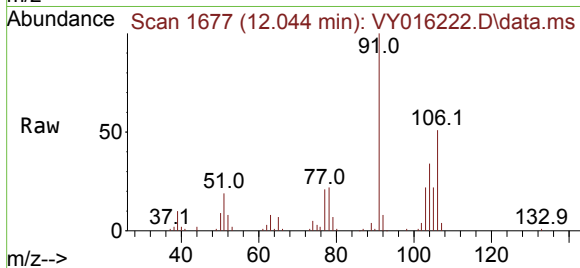
ClientSampleId :

Tgt Ion:106 Resp: 10459

Ion Ratio Lower Upper

106 100

91 210.8 108.1 324.3



#70

Styrene

Concen: 3.655 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

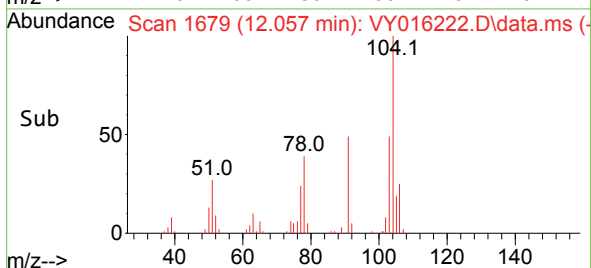
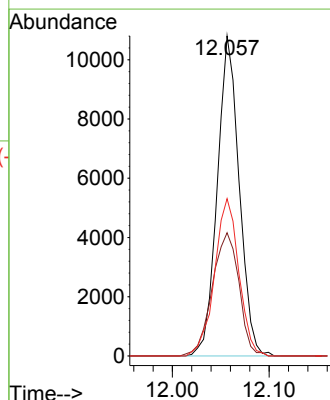
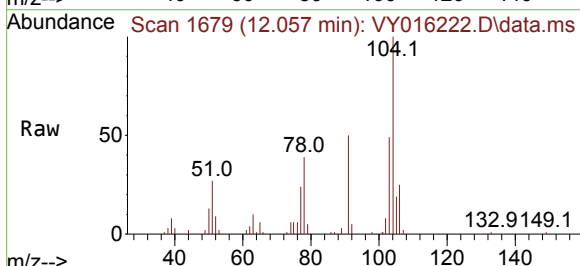
Tgt Ion:104 Resp: 16978

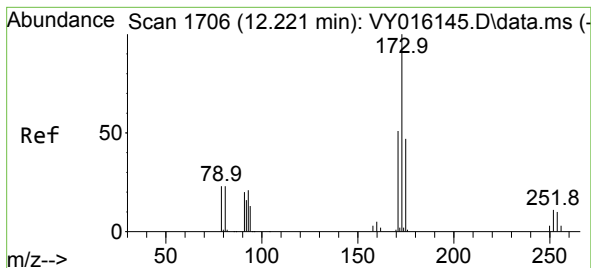
Ion Ratio Lower Upper

104 100

78 46.9 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 3.961 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.000 min

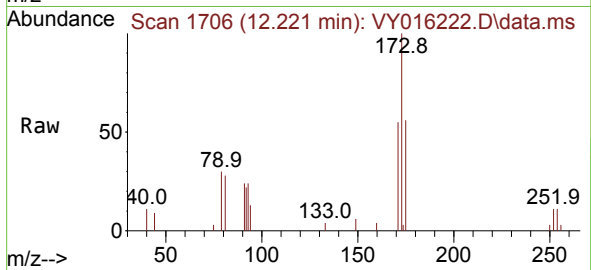
Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :



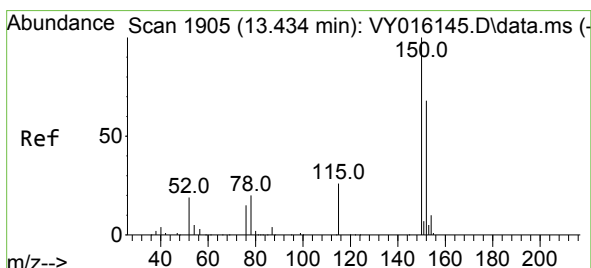
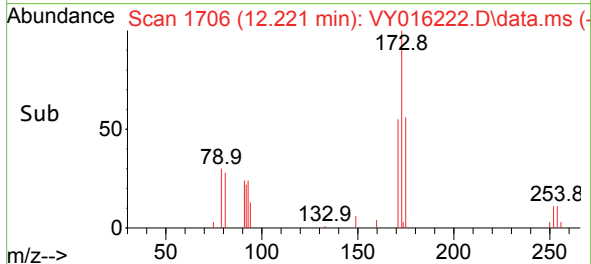
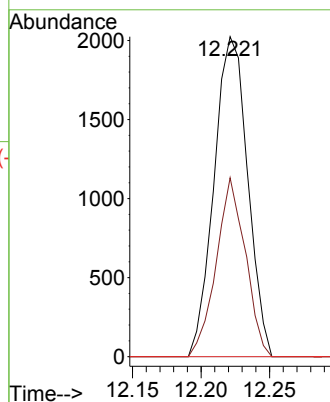
Tgt Ion:173 Resp: 3446

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

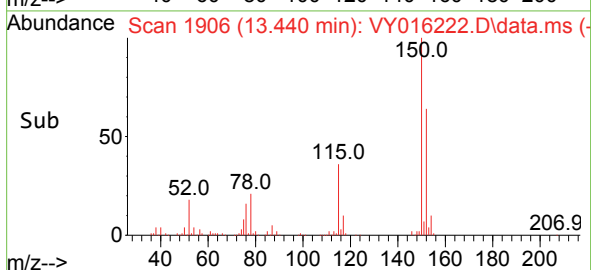
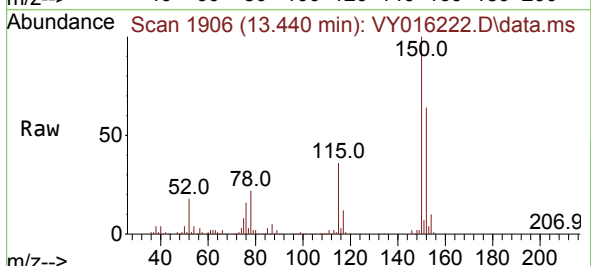
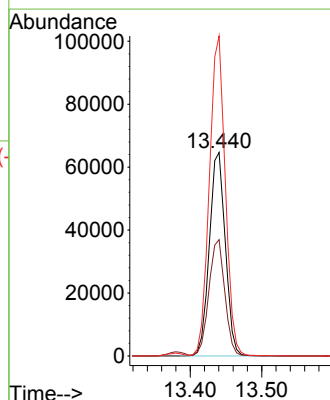
Tgt Ion:152 Resp: 100338

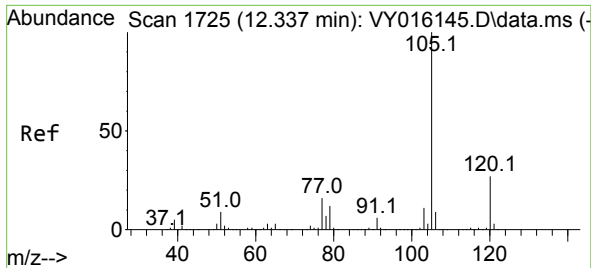
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 156.8 0.0 348.8

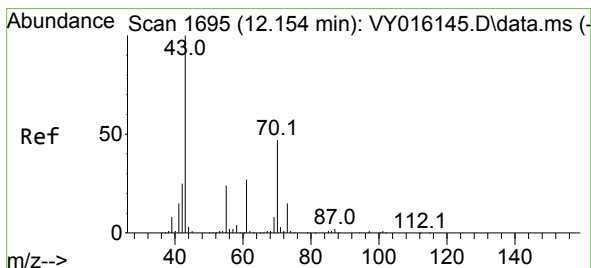
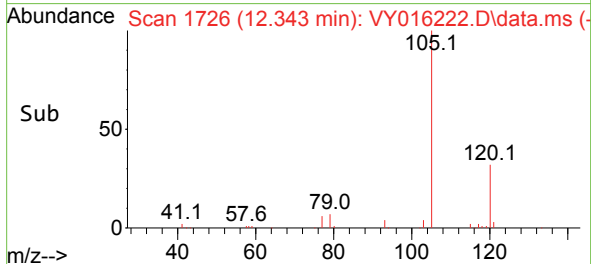
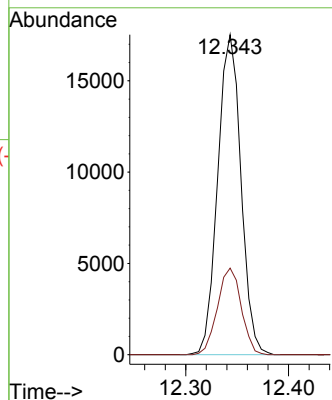
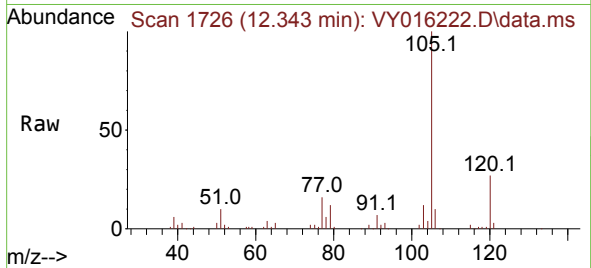




#73
Isopropylbenzene
Concen: 3.648 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

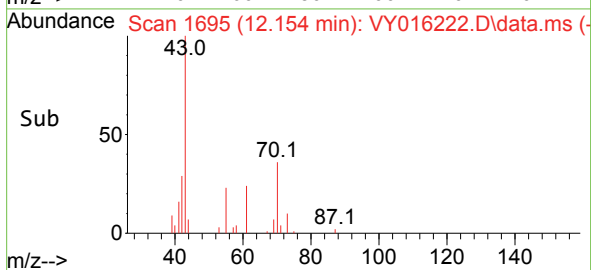
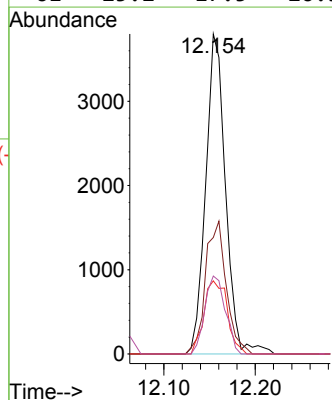
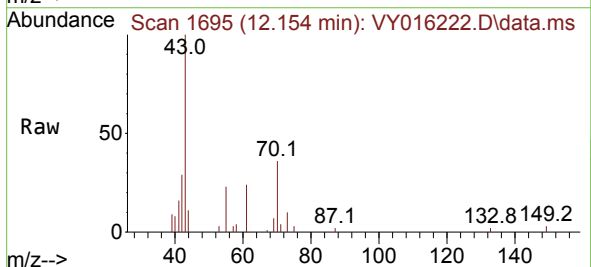
Instrument :
MSVOA_Y
ClientSampleId :

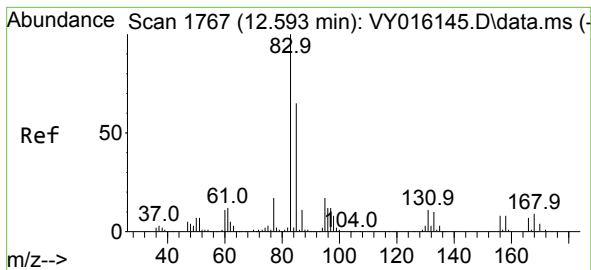
Tgt Ion:105 Resp: 27454
Ion Ratio Lower Upper
105 100
120 27.7 13.3 39.9



#74
N-ethyl acetate
Concen: 3.500 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 43 Resp: 5725
Ion Ratio Lower Upper
43 100
70 43.4 29.7 44.5
55 26.9 18.3 27.5
61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 4.283 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016222.D

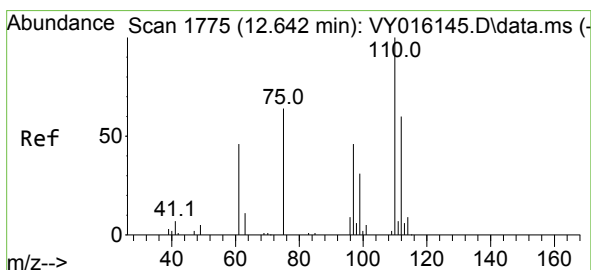
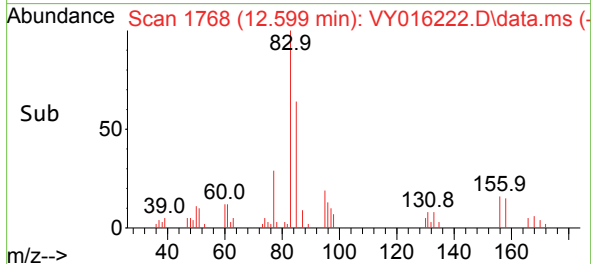
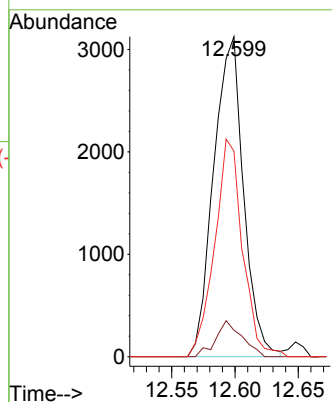
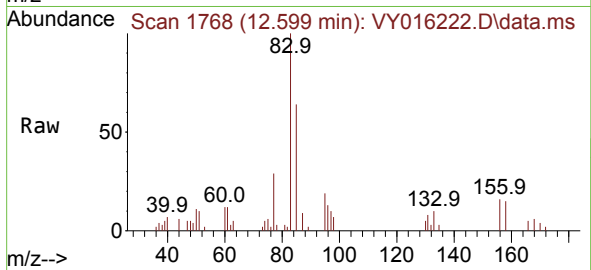
Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	5130
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.4	16.2
85	63.6	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 7.760 ug/l

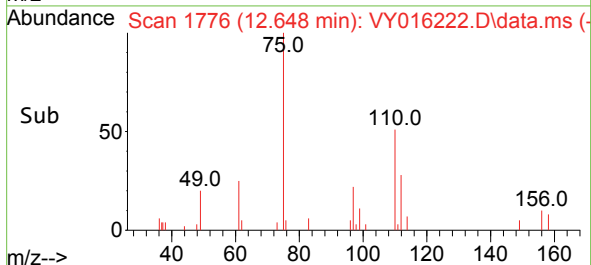
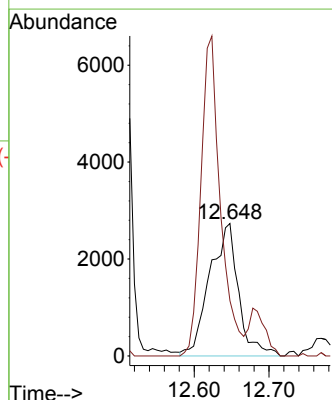
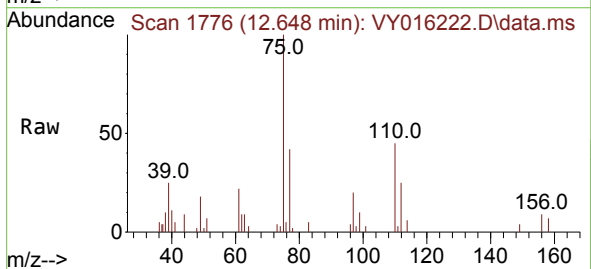
RT: 12.648 min Scan# 1776

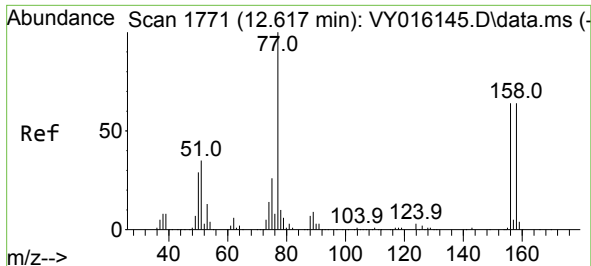
Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Tgt Ion:	75	Resp:	7332
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

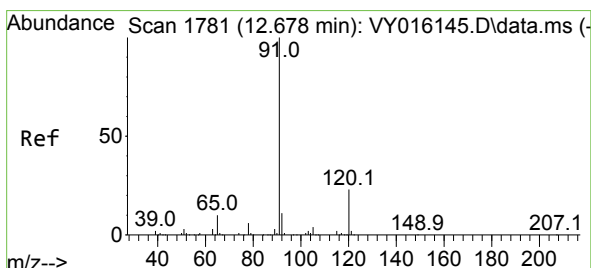
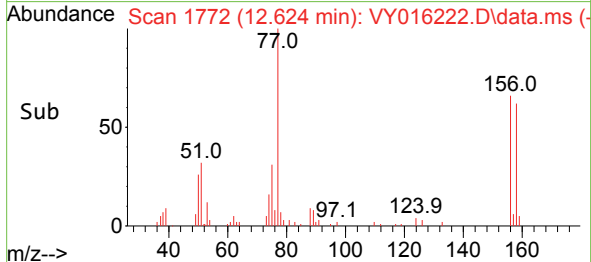
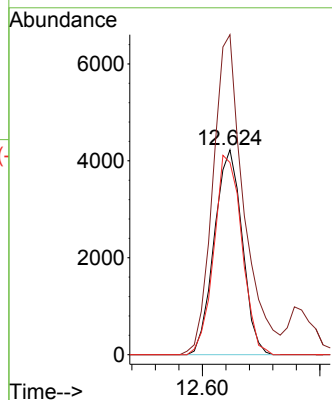
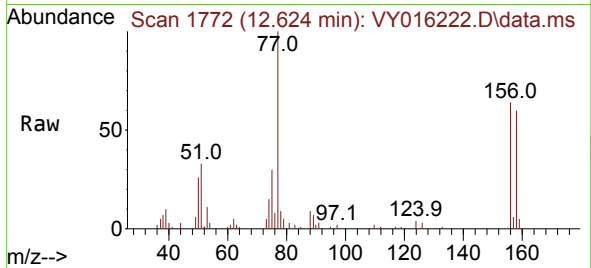




#77
Bromobenzene
Concen: 4.096 ug/l
RT: 12.624 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

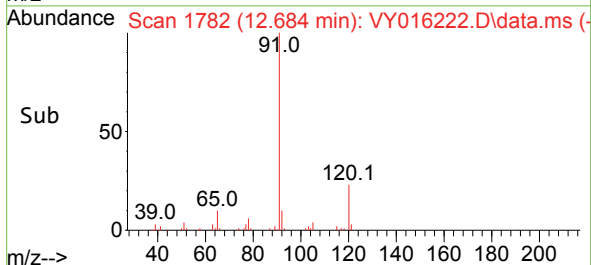
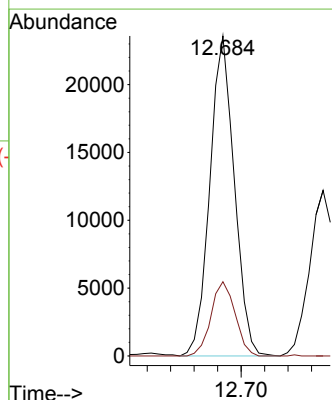
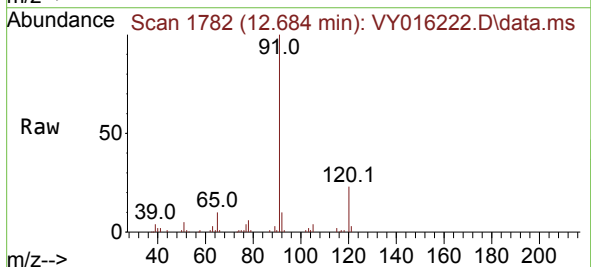
Instrument :
MSVOA_Y
ClientSampleId :

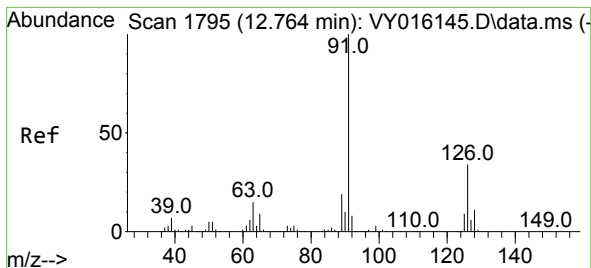
Tgt Ion:156 Resp: 6980
Ion Ratio Lower Upper
156 100
77 172.6 92.8 278.6
158 97.5 48.4 145.3



#78
n-propylbenzene
Concen: 3.833 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 91 Resp: 34110
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 3.816 ug/l

RT: 12.770 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

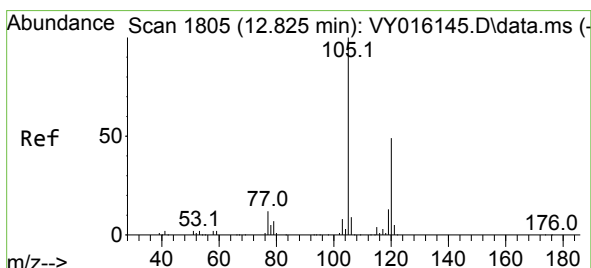
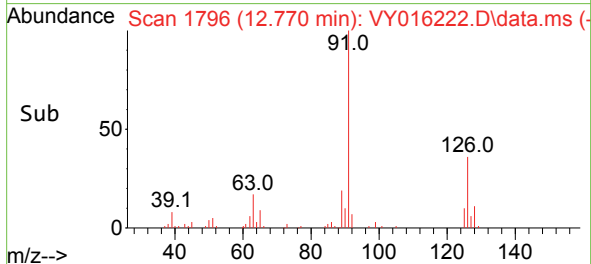
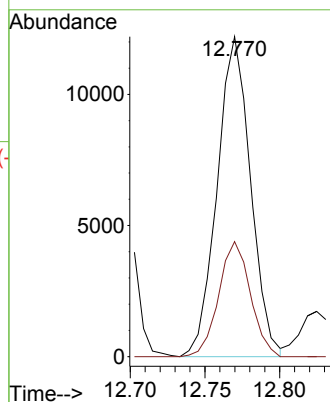
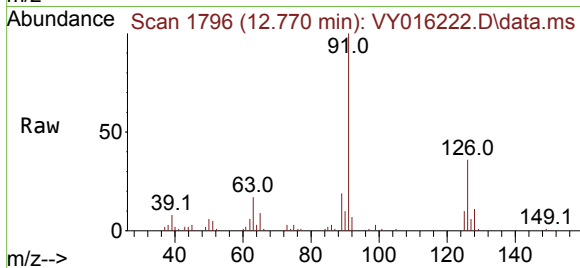
ClientSampleId :

Tgt Ion: 91 Resp: 18939

Ion Ratio Lower Upper

91 100

126 34.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 3.567 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VY016222.D

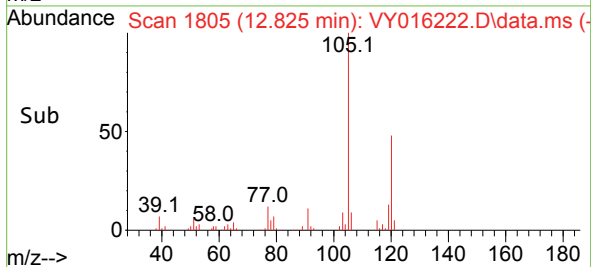
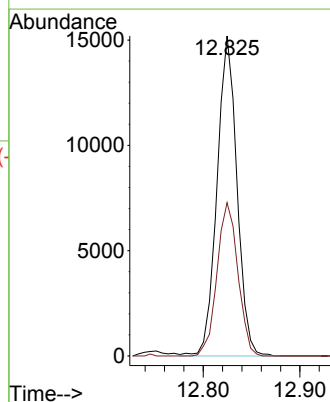
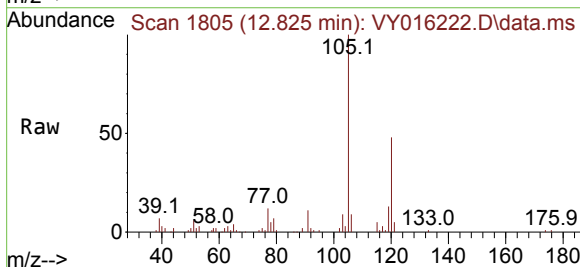
Acq: 03 Nov 2023 20:18

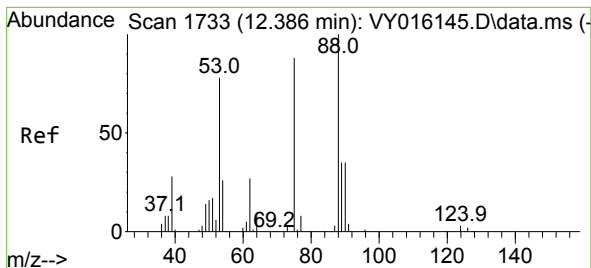
Tgt Ion: 105 Resp: 21753

Ion Ratio Lower Upper

105 100

120 50.0 23.9 71.7

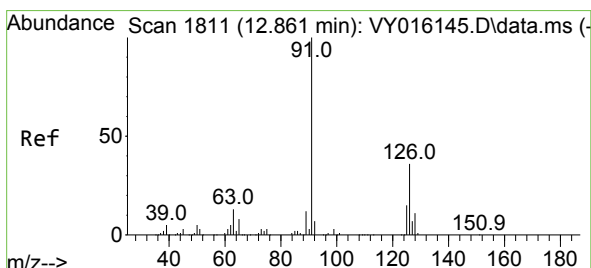
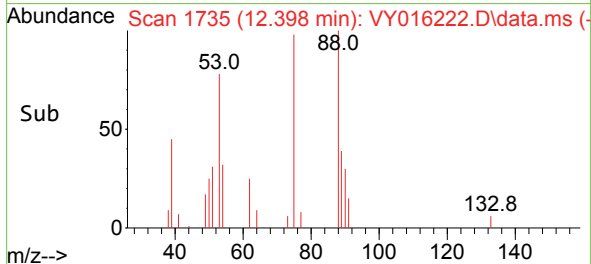
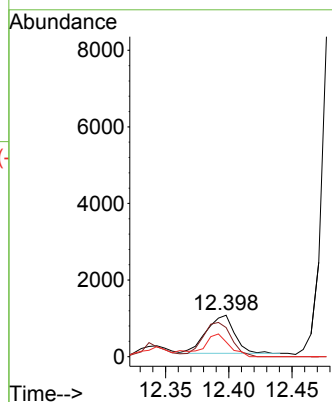
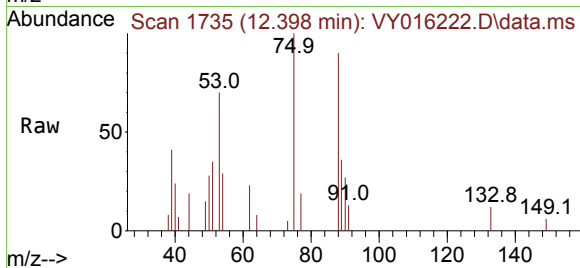




#81
trans-1,4-Dichloro-2-butene
Concen: 3.573 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

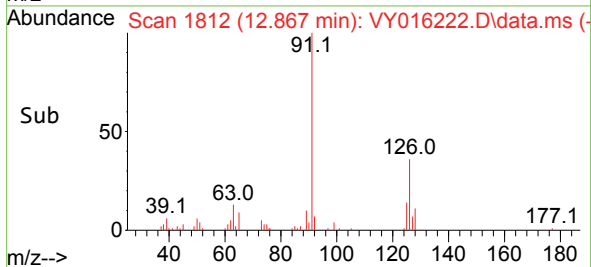
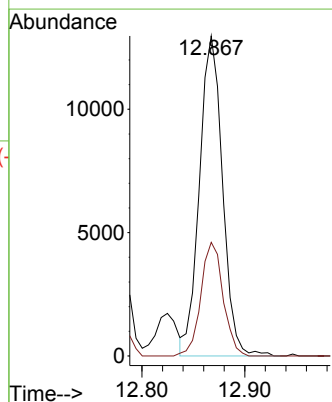
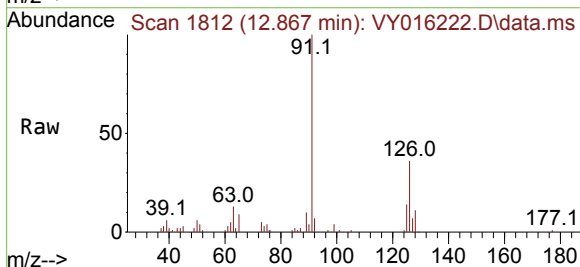
Instrument :
MSVOA_Y
ClientSampleId :

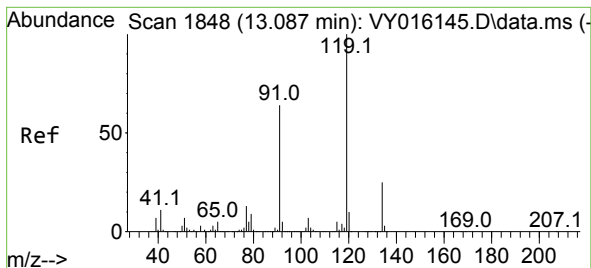
Tgt Ion: 75 Resp: 1557
Ion Ratio Lower Upper
75 100
53 91.3 77.8 116.8
89 50.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 3.972 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion: 91 Resp: 20245
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 3.702 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

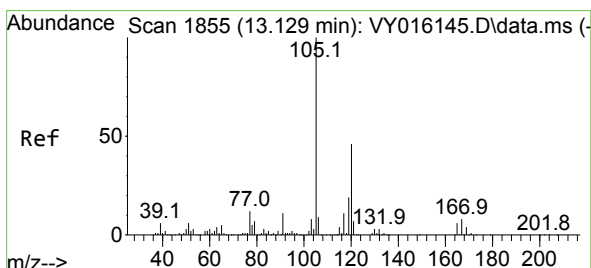
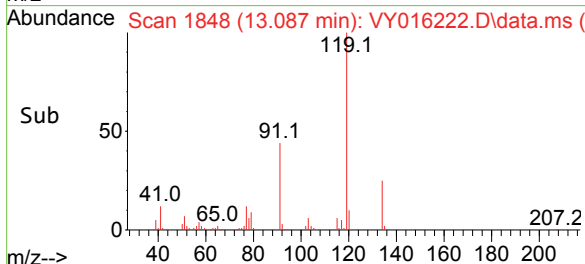
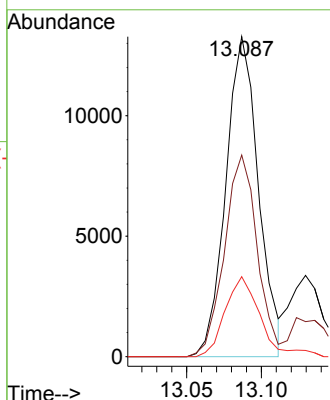
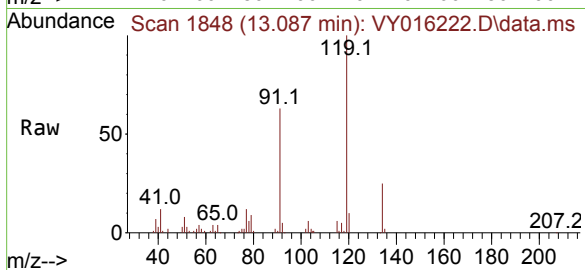
Tgt Ion:119 Resp: 20199

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 3.747 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016222.D

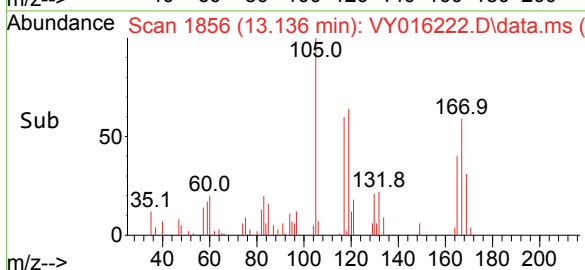
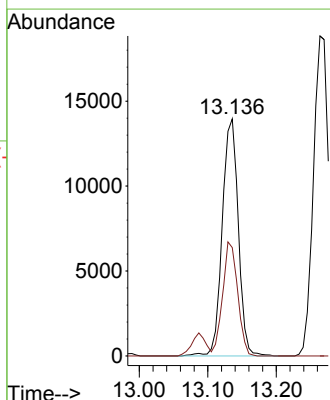
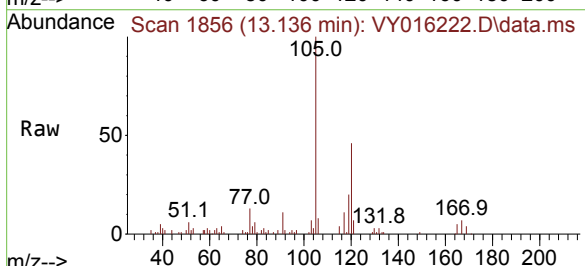
Acq: 03 Nov 2023 20:18

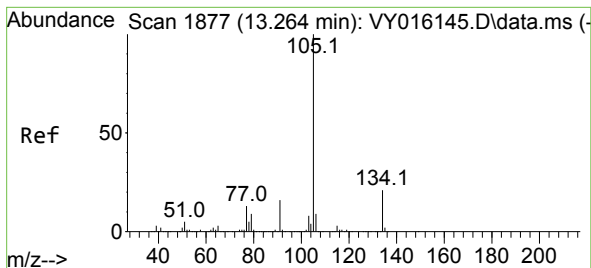
Tgt Ion:105 Resp: 22610

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 3.683 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

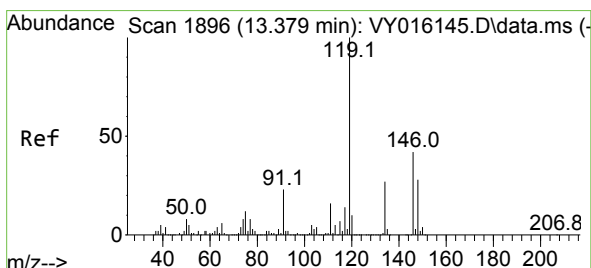
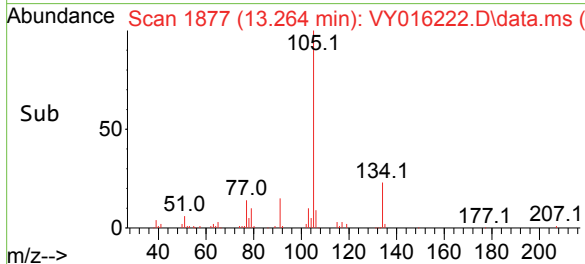
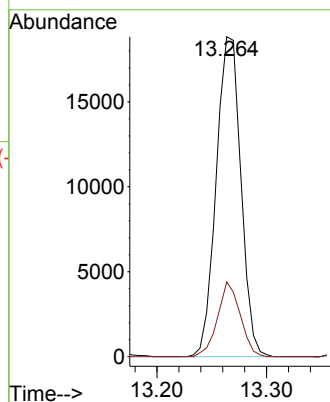
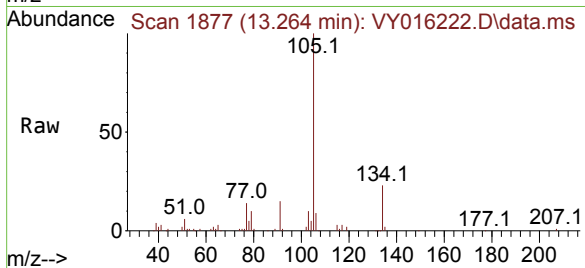
ClientSampleId :

Tgt Ion:105 Resp: 29491

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 3.577 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

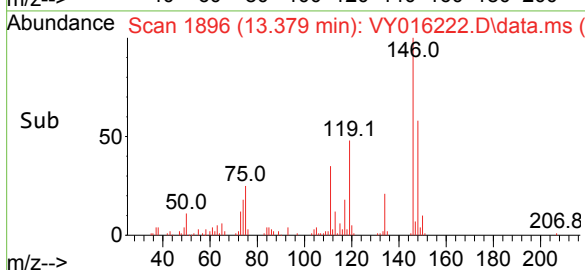
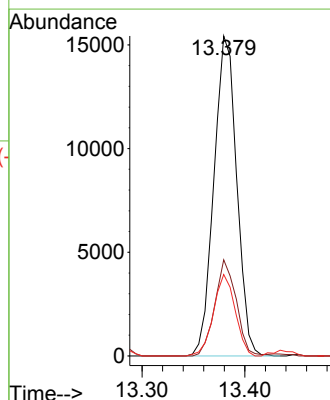
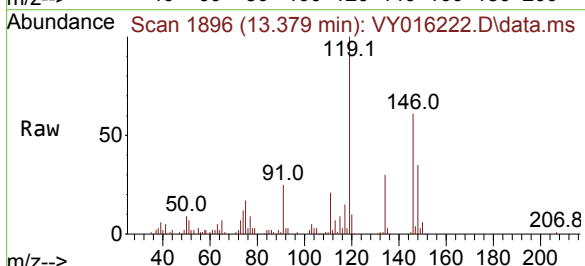
Tgt Ion:119 Resp: 23742

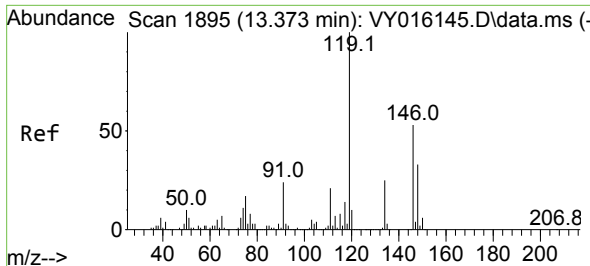
Ion Ratio Lower Upper

119 100

134 28.3 13.3 39.8

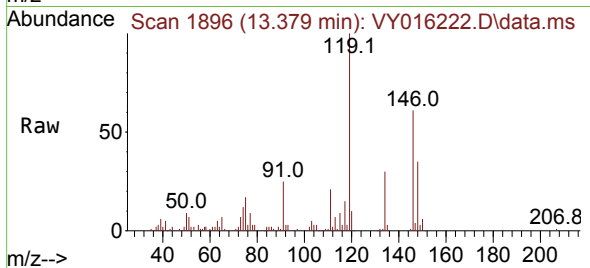
91 24.2 12.4 37.4



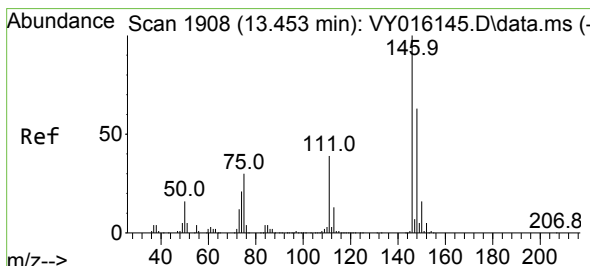
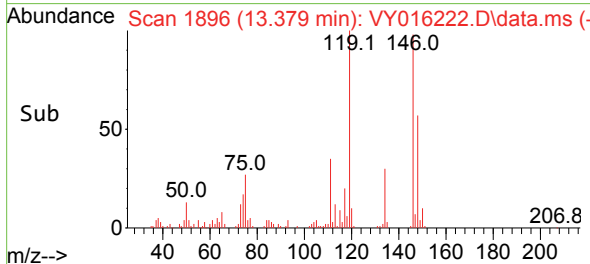
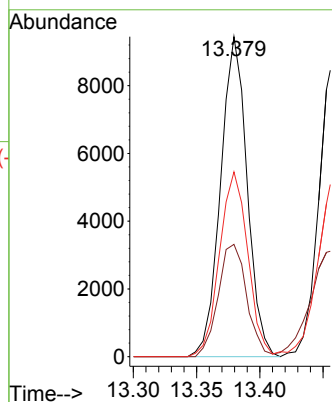


#87
1,3-Dichlorobenzene
Concen: 4.084 ug/l
RT: 13.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Instrument :
MSVOA_Y
ClientSampleId :

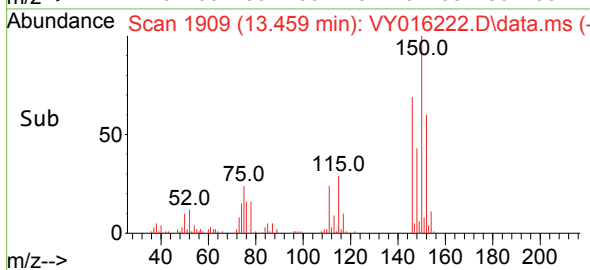
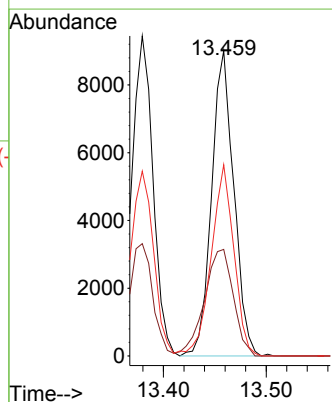
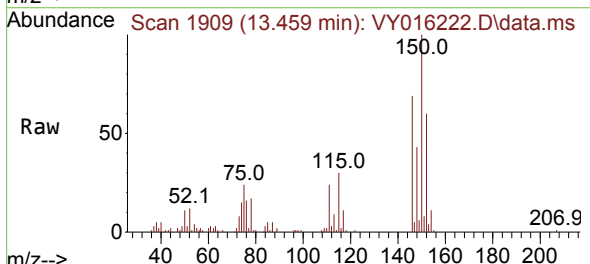


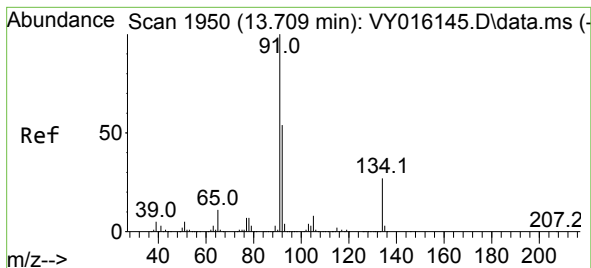
Tgt Ion:146 Resp: 13764
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.2
148 62.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 4.059 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016222.D
Acq: 03 Nov 2023 20:18

Tgt Ion:146 Resp: 13523
Ion Ratio Lower Upper
146 100
111 45.5 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 3.686 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

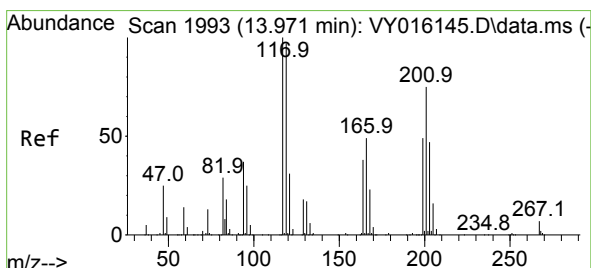
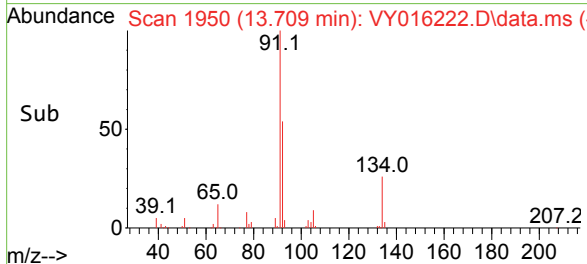
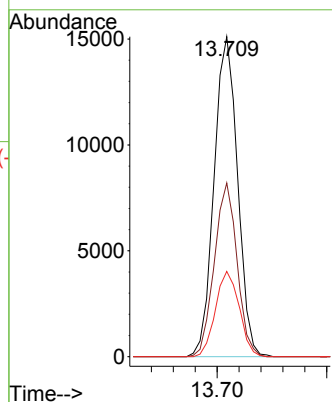
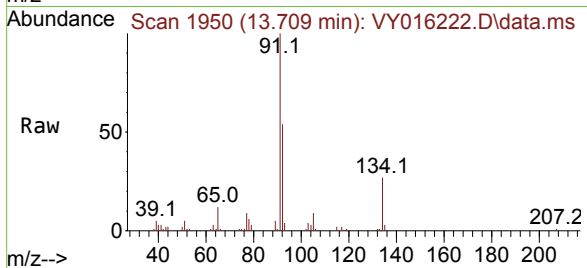
Tgt Ion: 91 Resp: 22476

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 3.885 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016222.D

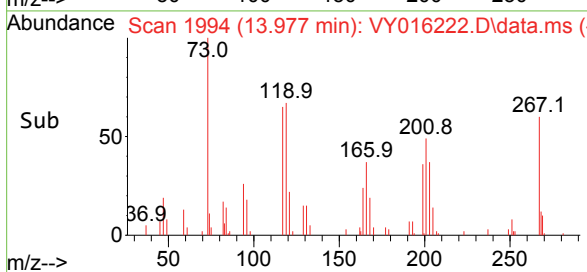
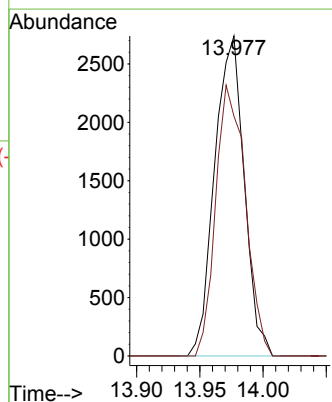
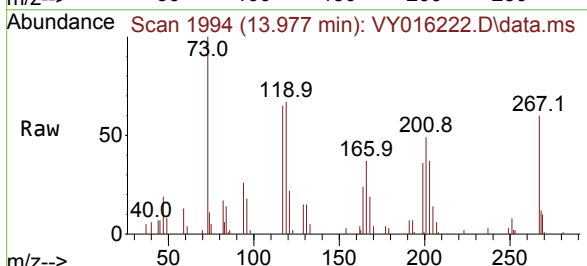
Acq: 03 Nov 2023 20:18

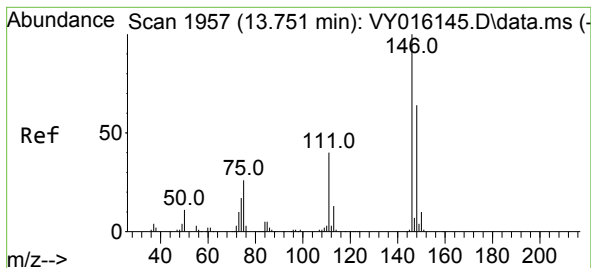
Tgt Ion: 117 Resp: 4444

Ion Ratio Lower Upper

117 100

201 85.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 4.102 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY016222.D

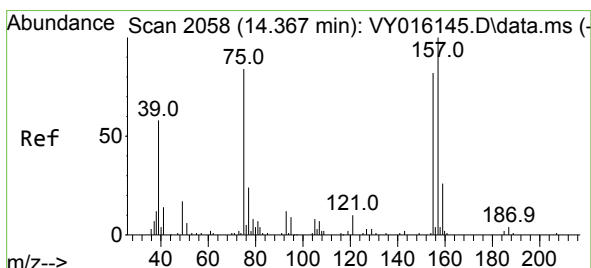
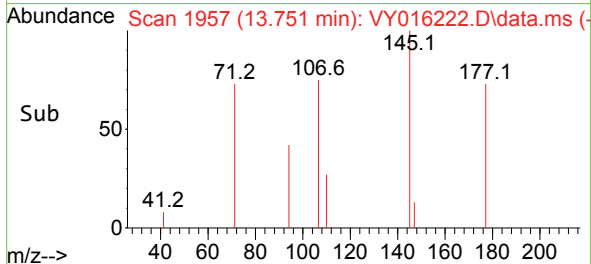
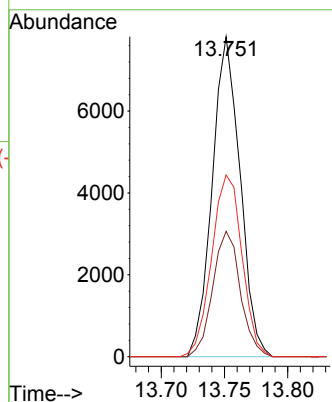
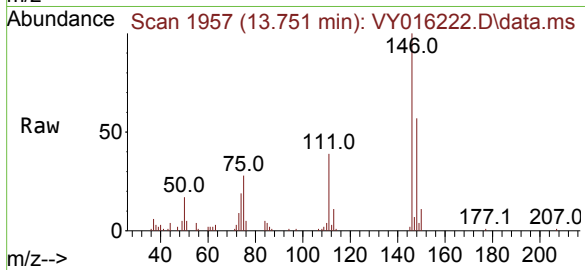
Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	11945
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	61.9	32.0	96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.782 ug/l

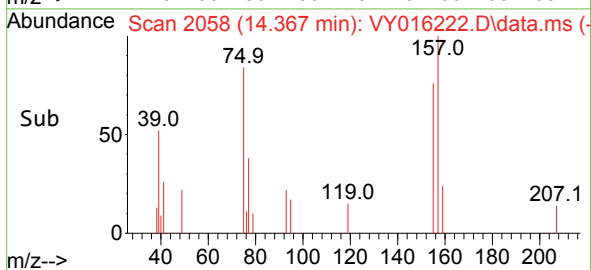
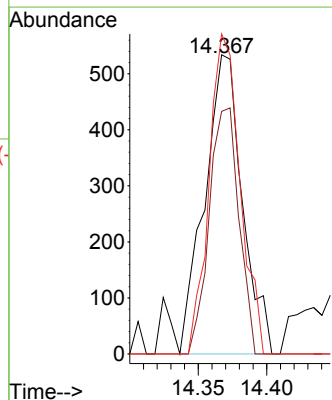
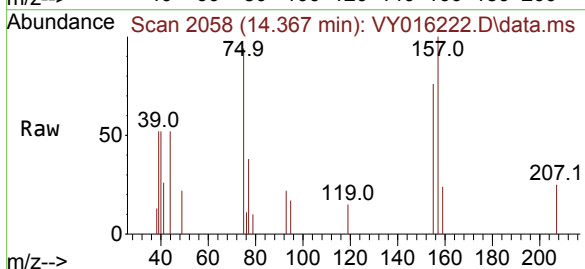
RT: 14.367 min Scan# 2058

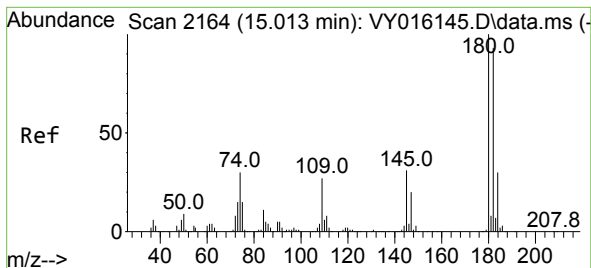
Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Tgt Ion:	75	Resp:	1025
Ion	Ratio	Lower	Upper
75	100		
155	64.6	41.5	124.6
157	87.7	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 3.954 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

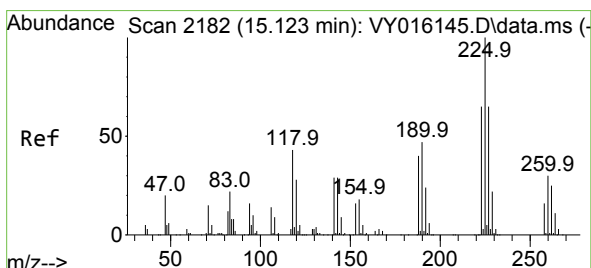
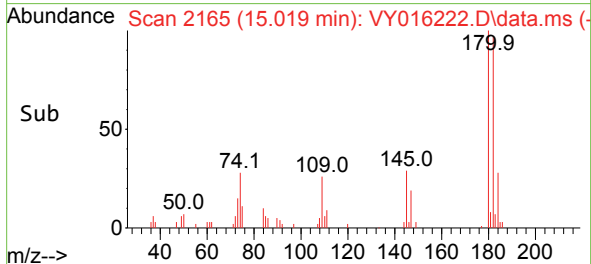
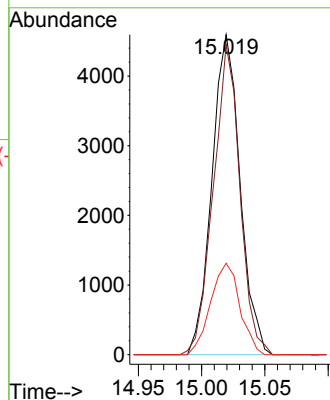
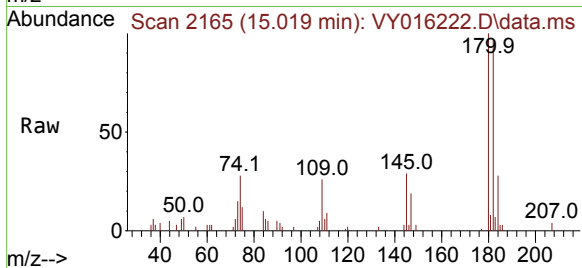
Tgt Ion:180 Resp: 7107

Ion Ratio Lower Upper

180 100

182 91.2 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 4.114 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

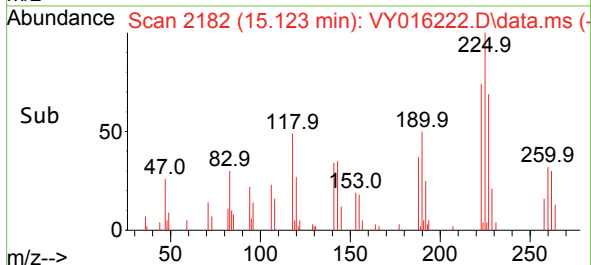
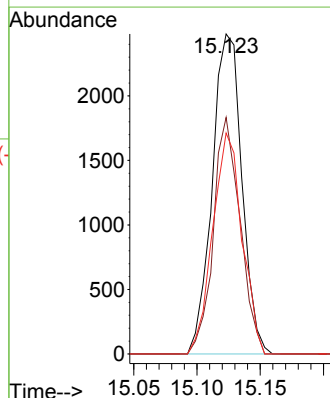
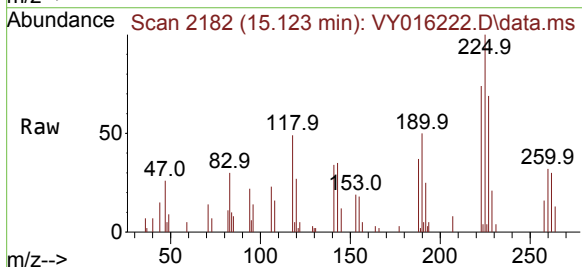
Tgt Ion:225 Resp: 4041

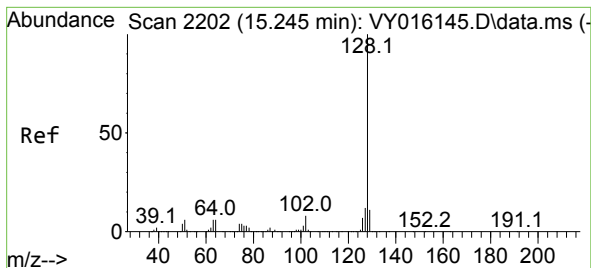
Ion Ratio Lower Upper

225 100

223 66.6 31.9 95.9

227 68.3 33.0 98.9





#95

Naphthalene

Concen: 3.578 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016222.D

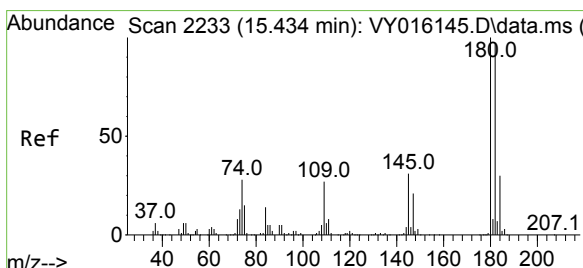
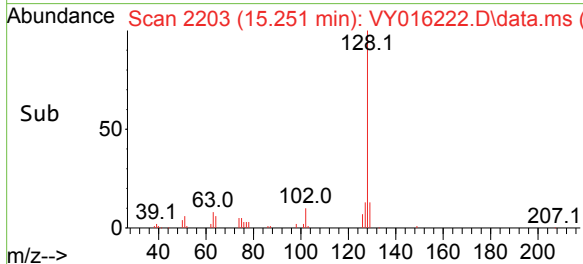
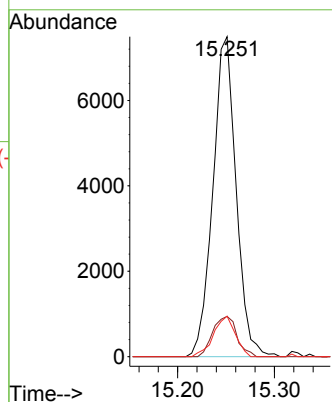
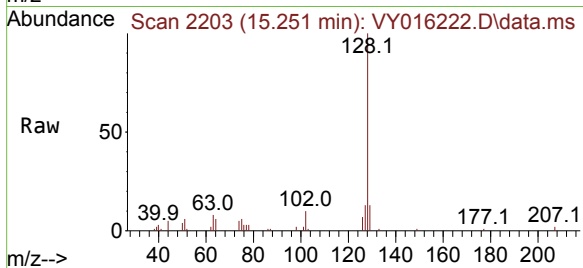
Acq: 03 Nov 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	12494
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.8 16.2
129	11.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.780 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016222.D

Acq: 03 Nov 2023 20:18

Tgt Ion:180	Resp:	5804
Ion Ratio	Lower	Upper
180	100	
182	97.2	47.3 141.8
145	32.7	15.4 46.2

