

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016842.D
 Acq On : 23 Dec 2023 06:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 06:44:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	122230	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	220844	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	194277	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	84620	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	72093	64.609	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.220%	
35) Dibromofluoromethane	7.752	113	73208	57.870	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.740%	
50) Toluene-d8	10.203	98	267629	58.686	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.380%	
62) 4-Bromofluorobenzene	12.502	95	86936	58.760	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	44234	42.347	ug/l	98
3) Chloromethane	2.131	50	83504	52.007	ug/l	97
4) Vinyl Chloride	2.272	62	93333	51.463	ug/l	100
5) Bromomethane	2.680	94	69098	53.493	ug/l	98
6) Chloroethane	2.820	64	65276	53.117	ug/l	99
7) Trichlorofluoromethane	3.156	101	99165	46.937	ug/l	99
8) Diethyl Ether	3.564	74	38222	56.554	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.936	101	61434	47.403	ug/l	98
10) Methyl Iodide	4.131	142	66036	48.898	ug/l	100
11) Tert butyl alcohol	4.997	59	26836	293.328	ug/l	98
12) 1,1-Dichloroethene	3.912	96	60546	52.470	ug/l	97
13) Acrolein	3.759	56	17741	251.329	ug/l	97
14) Allyl chloride	4.521	41	99008	56.018	ug/l	98
15) Acrylonitrile	5.204	53	91614	320.092	ug/l	99
16) Acetone	3.979	43	73415	243.311	ug/l	98
17) Carbon Disulfide	4.235	76	170927	54.440	ug/l	98
18) Methyl Acetate	4.521	43	85776	72.743	ug/l	98
19) Methyl tert-butyl Ether	5.265	73	172338	58.044	ug/l	100
20) Methylene Chloride	4.765	84	83067	55.527	ug/l	96
21) trans-1,2-Dichloroethene	5.265	96	74778	56.820	ug/l	99
22) Diisopropyl ether	6.161	45	242982	60.767	ug/l	97
23) Vinyl Acetate	6.100	43	548599	290.088	ug/l	100
24) 1,1-Dichloroethane	6.064	63	139766	58.188	ug/l	99
25) 2-Butanone	7.021	43	115953	279.115	ug/l	99
26) 2,2-Dichloropropane	7.021	77	105982	50.562	ug/l	99
27) cis-1,2-Dichloroethene	7.027	96	87586	57.827	ug/l	99
28) Bromochloromethane	7.374	49	63640	66.941	ug/l	98
29) Tetrahydrofuran	7.387	42	74695	328.826	ug/l	98
30) Chloroform	7.545	83	143332	58.290	ug/l	99
31) Cyclohexane	7.819	56	100200	46.869	ug/l	97
32) 1,1,1-Trichloroethane	7.740	97	114826	53.199	ug/l	98
36) 1,1-Dichloropropene	7.954	75	100328	49.470	ug/l	99
37) Ethyl Acetate	7.112	43	49820	57.312	ug/l	98
38) Carbon Tetrachloride	7.935	117	96284	47.977	ug/l	96
39) Methylcyclohexane	9.216	83	108515	46.343	ug/l	99
40) Benzene	8.191	78	317848	53.856	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016842.D
 Acq On : 23 Dec 2023 06:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 06:44:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	31031	67.234	ug/l	97
42) 1,2-Dichloroethane	8.271	62	85940	55.815	ug/l	100
43) Isopropyl Acetate	8.301	43	95070	56.310	ug/l	99
44) Trichloroethene	8.972	130	77989	51.774	ug/l	98
45) 1,2-Dichloropropane	9.246	63	81136	54.806	ug/l	95
46) Dibromomethane	9.331	93	41996	54.911	ug/l	98
47) Bromodichloromethane	9.526	83	109495	54.319	ug/l	97
48) Methyl methacrylate	9.319	41	53463	56.977	ug/l	96
49) 1,4-Dioxane	9.325	88	8361	1126.356	ug/l	98
51) 4-Methyl-2-Pentanone	10.093	43	265172	294.779	ug/l	99
52) Toluene	10.270	92	194196	54.908	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	99980	54.395	ug/l	99
54) cis-1,3-Dichloropropene	9.953	75	121178	54.657	ug/l	97
55) 1,1,2-Trichloroethane	10.673	97	60761	55.684	ug/l	97
56) Ethyl methacrylate	10.532	69	55921	58.280	ug/l	99
57) 1,3-Dichloropropane	10.813	76	103750	55.978	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	179971	348.662	ug/l	98
59) 2-Hexanone	10.855	43	177187	264.157	ug/l	99
60) Dibromochloromethane	11.008	129	69120	54.758	ug/l	99
61) 1,2-Dibromoethane	11.111	107	54398	55.589	ug/l	99
64) Tetrachloroethene	10.746	164	62454	51.750	ug/l	97
65) Chlorobenzene	11.538	112	200511	52.531	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	74714	52.024	ug/l	99
67) Ethyl Benzene	11.618	91	367731	52.342	ug/l	99
68) m/p-Xylenes	11.727	106	271918	104.812	ug/l	99
69) o-Xylene	12.050	106	126131	52.995	ug/l	97
70) Styrene	12.069	104	189654	53.850	ug/l	98
71) Bromoform	12.233	173	37788	52.777	ug/l #	98
73) Isopropylbenzene	12.349	105	340796	51.712	ug/l	100
74) N-amyl acetate	12.166	43	73292	52.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	70405	53.460	ug/l	98
76) 1,2,3-Trichloropropane	12.654	75	82709	88.418	ug/l #	100
77) Bromobenzene	12.630	156	73375	51.035	ug/l	98
78) n-propylbenzene	12.690	91	409685	51.308	ug/l	99
79) 2-Chlorotoluene	12.782	91	226791	51.330	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	273985	52.520	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	19871	49.887	ug/l	97
82) 4-Chlorotoluene	12.873	91	234160	51.660	ug/l	100
83) tert-Butylbenzene	13.099	119	236777	52.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	268465	52.189	ug/l	98
85) sec-Butylbenzene	13.276	105	338148	50.311	ug/l	100
86) p-Isopropyltoluene	13.392	119	283367	50.625	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	140869	50.136	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	138819	50.598	ug/l	100
89) n-Butylbenzene	13.715	91	267321	49.960	ug/l	100
90) Hexachloroethane	13.983	117	58237	49.966	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	124731	52.109	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8815	51.636	ug/l	96
93) 1,2,4-Trichlorobenzene	15.032	180	61962	48.785	ug/l	96
94) Hexachlorobutadiene	15.129	225	33166	45.975	ug/l	99
95) Naphthalene	15.257	128	123899	45.652	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	52892	48.897	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016842.D
Acq On : 23 Dec 2023 06:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 23 06:44:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

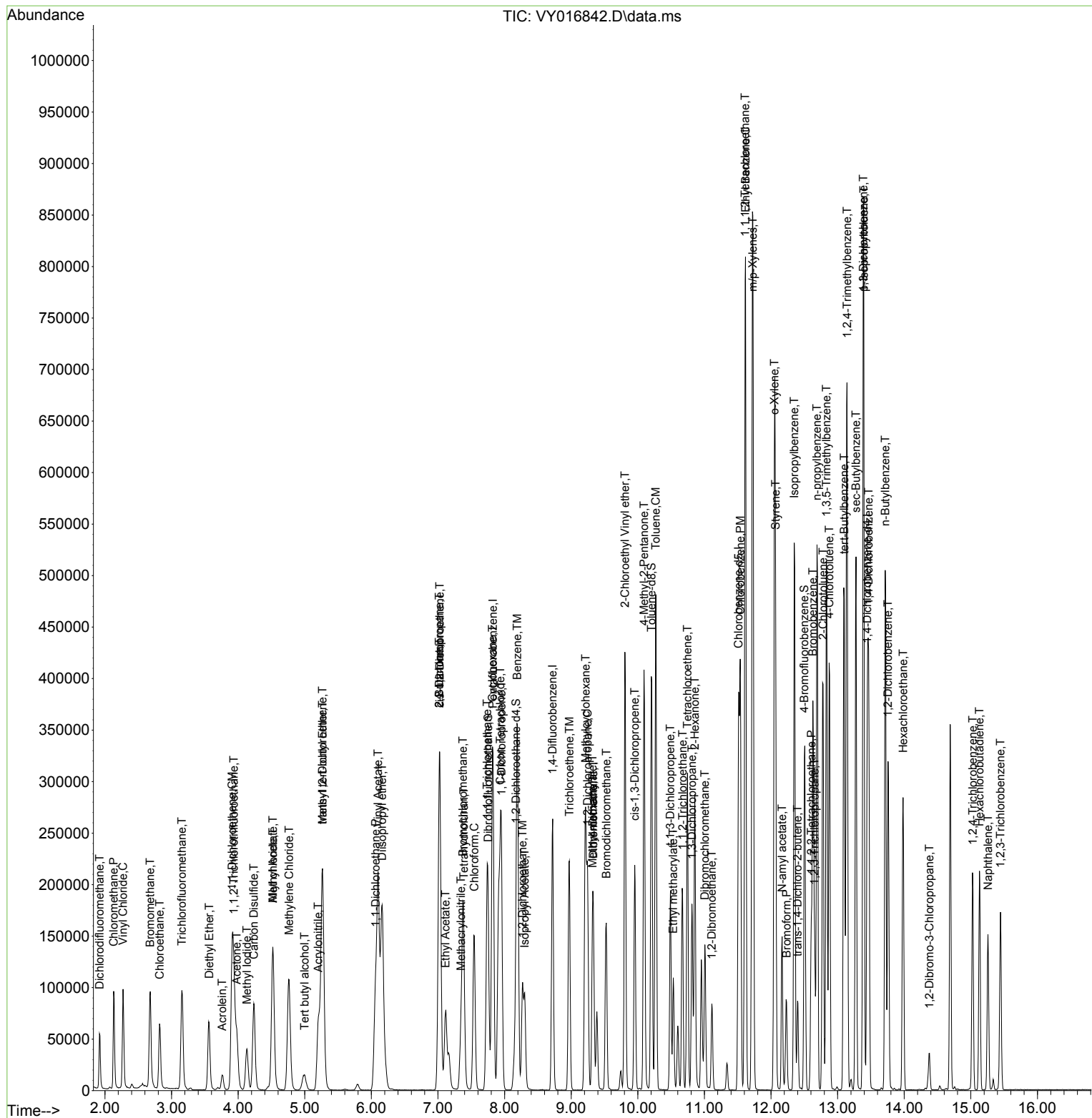
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

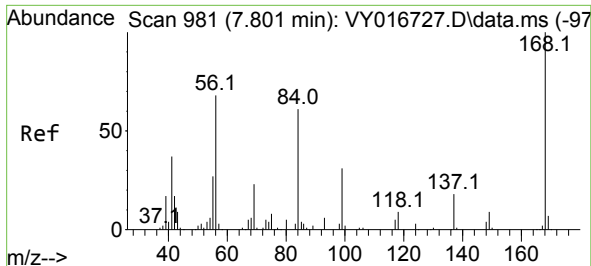
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016842.D
 Acq On : 23 Dec 2023 06:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 06:44:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

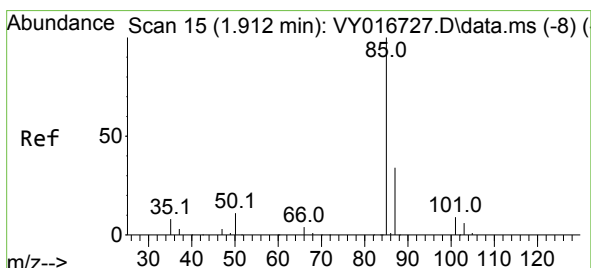
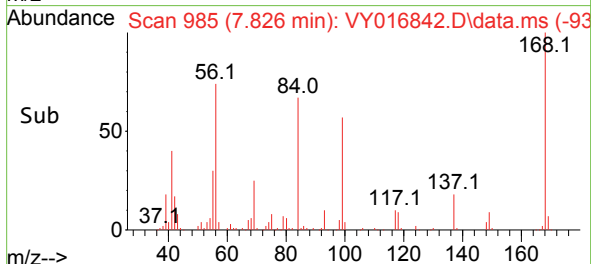
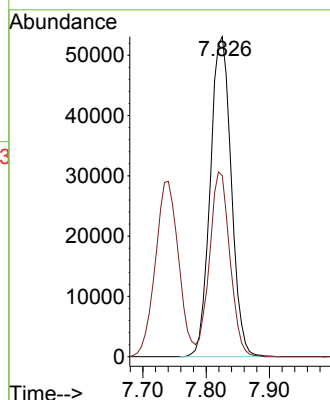
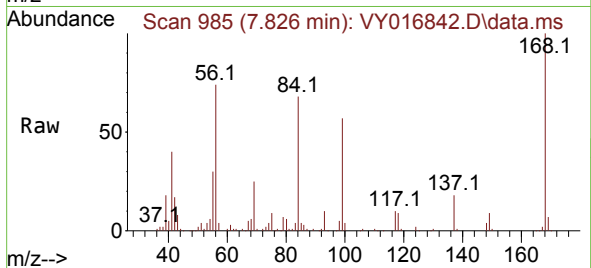




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

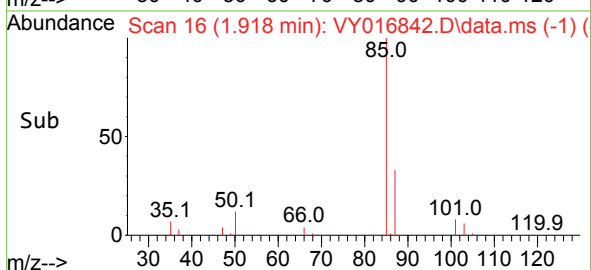
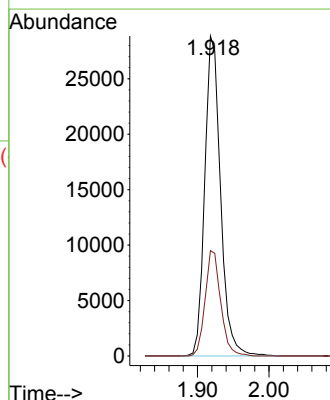
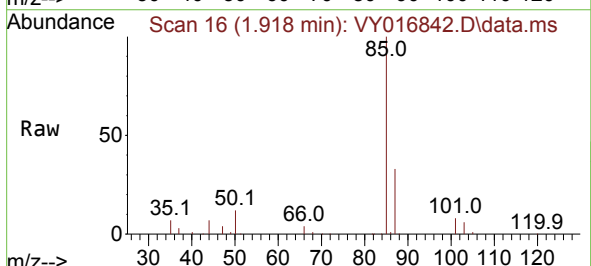
Instrument :
MSVOA_Y
ClientSampleId :

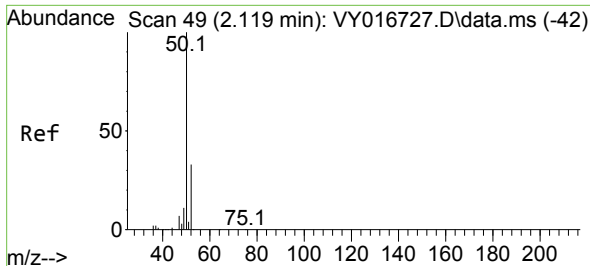
Tgt Ion:168 Resp: 122230
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 42.347 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 85 Resp: 44234
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.3

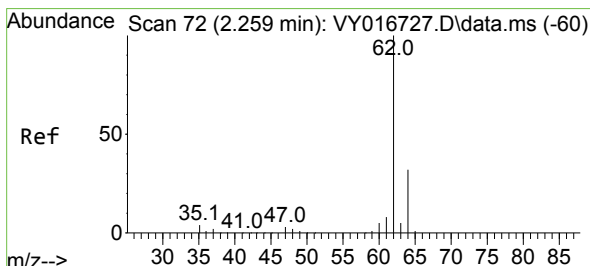
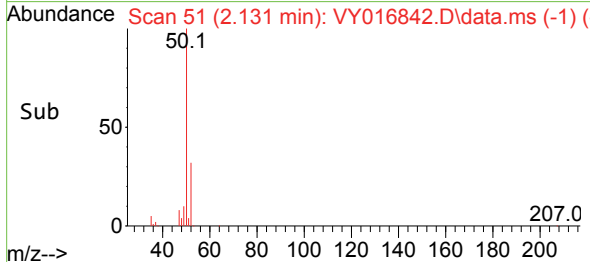
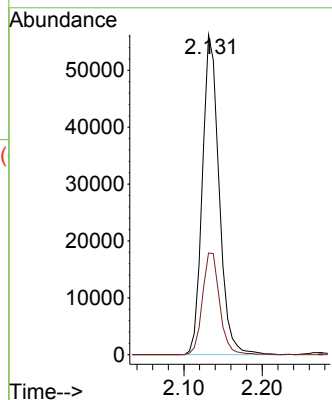
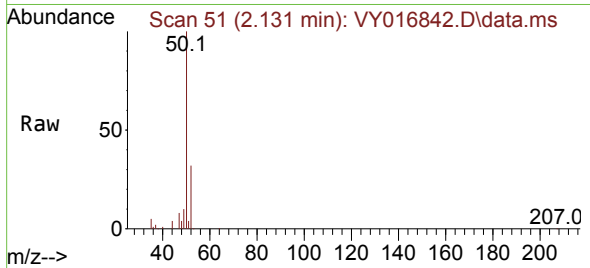




#3
Chloromethane
Concen: 52.007 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

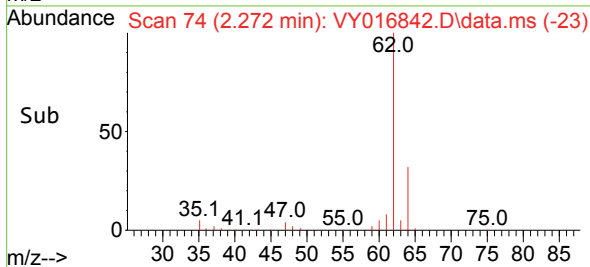
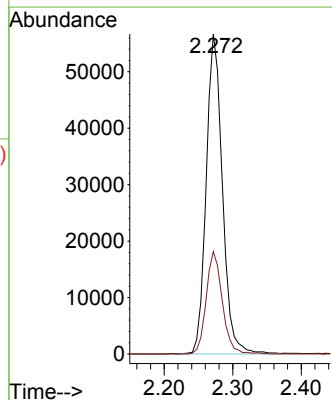
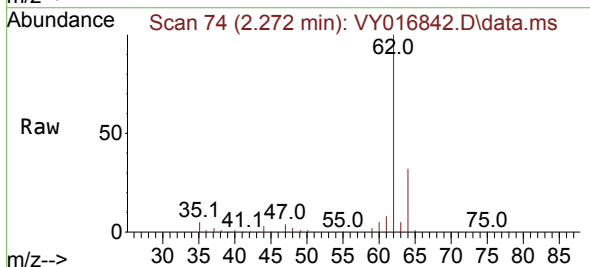
Instrument :
MSVOA_Y
ClientSampleId :

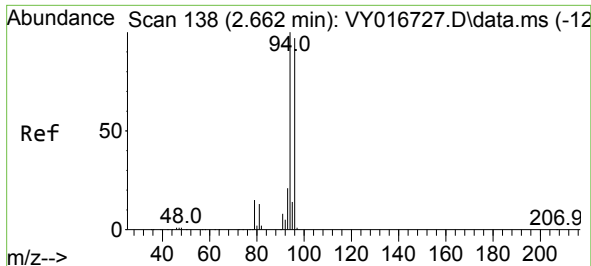
Tgt Ion: 50 Resp: 83504
Ion Ratio Lower Upper
50 100
52 31.8 26.7 40.1



#4
Vinyl Chloride
Concen: 51.463 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 62 Resp: 93333
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5





#5

Bromomethane

Concen: 53.493 ug/l

RT: 2.680 min Scan# 14

Delta R.T. 0.018 min

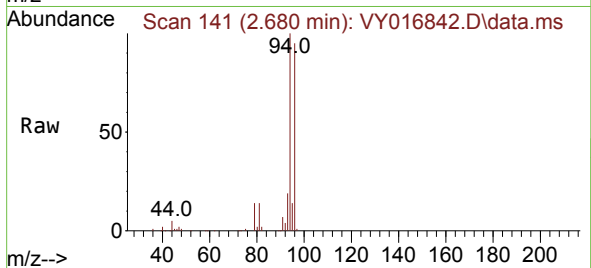
Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

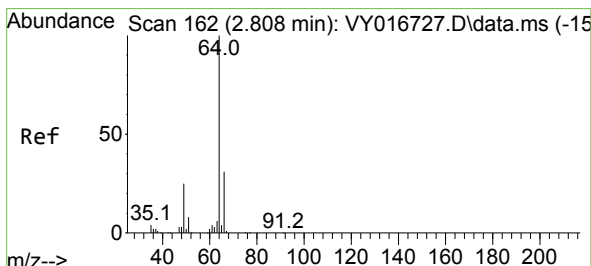
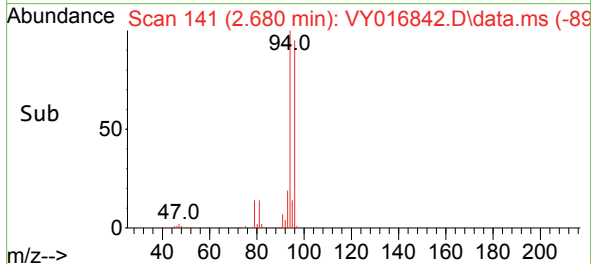
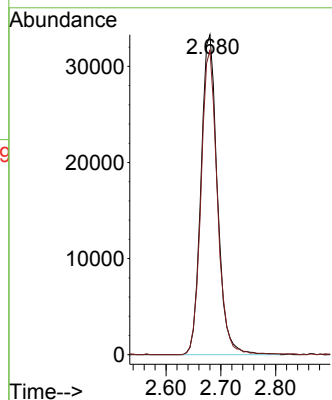


Tgt Ion: 94 Resp: 69098

Ion Ratio Lower Upper

94 100

96 95.1 77.3 115.9



#6

Chloroethane

Concen: 53.117 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY016842.D

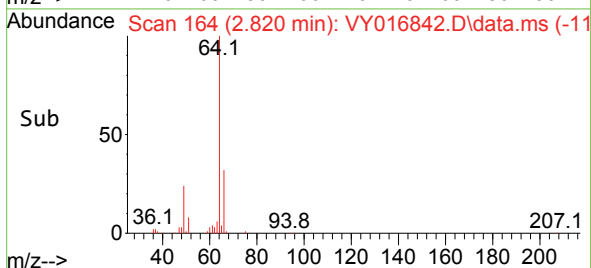
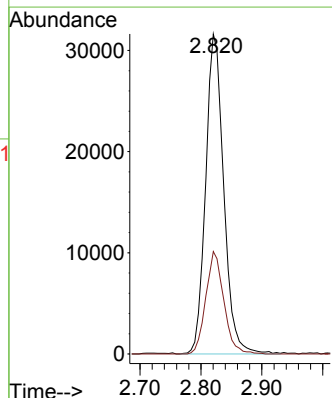
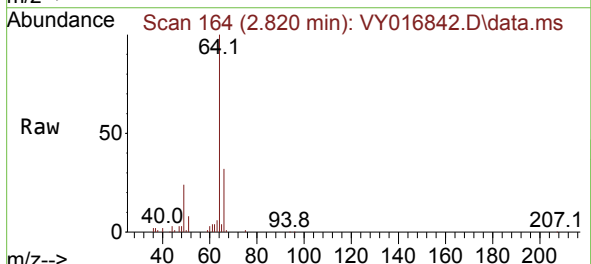
Acq: 23 Dec 2023 06:17

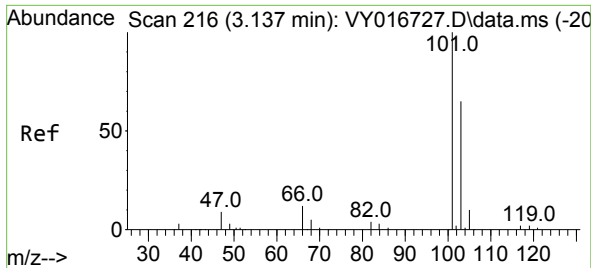
Tgt Ion: 64 Resp: 65276

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7

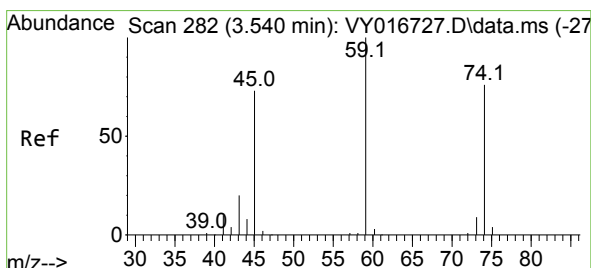
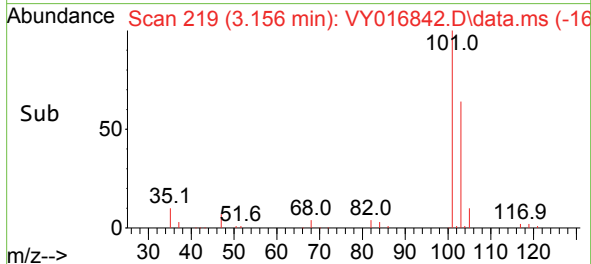
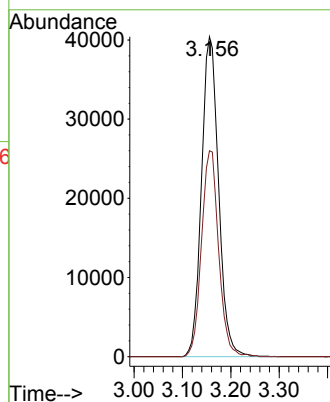
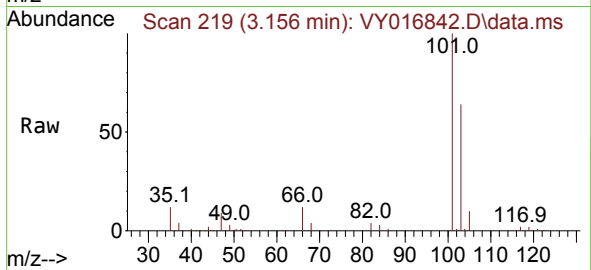




#7
 Trichlorofluoromethane
 Concen: 46.937 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.018 min
 Lab File: VY016842.D
 Acq: 23 Dec 2023 06:17

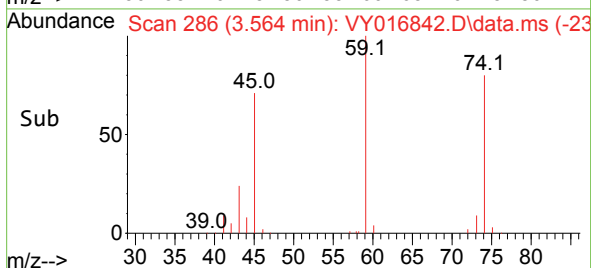
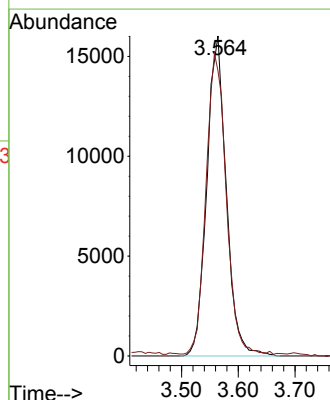
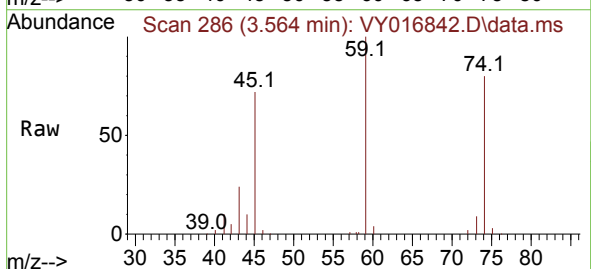
Instrument :
 MSVOA_Y
 ClientSampleId :

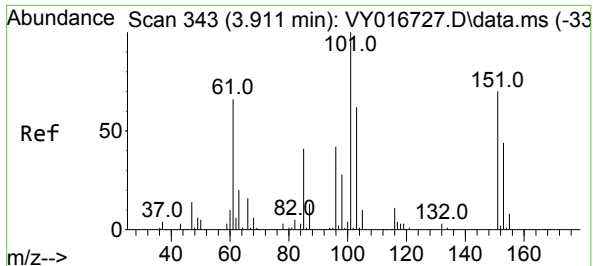
Tgt Ion:101 Resp: 99165
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 56.554 ug/l
 RT: 3.564 min Scan# 286
 Delta R.T. 0.025 min
 Lab File: VY016842.D
 Acq: 23 Dec 2023 06:17

Tgt Ion: 74 Resp: 38222
 Ion Ratio Lower Upper
 74 100
 45 97.3 47.9 143.7

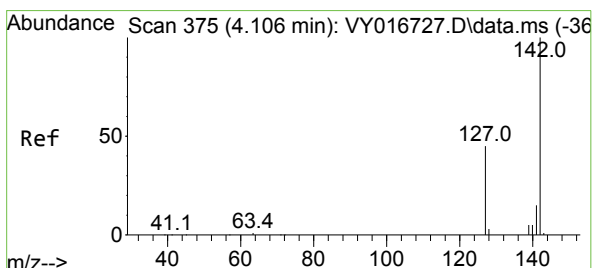
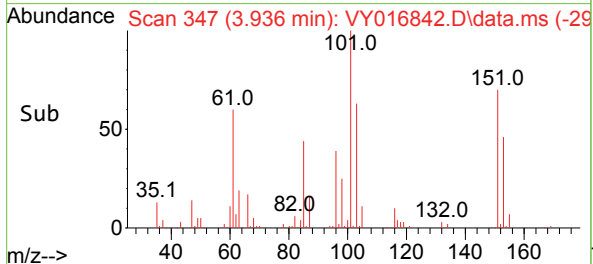
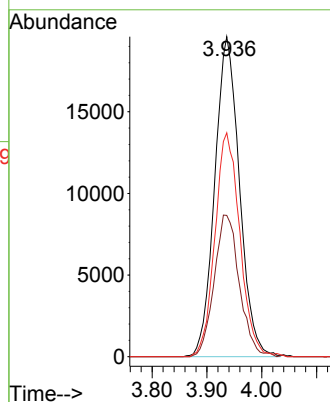
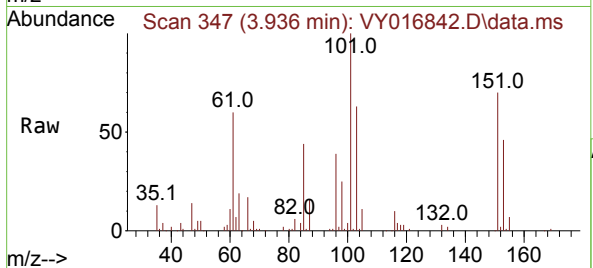




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.403 ug/l
RT: 3.936 min Scan# 341
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

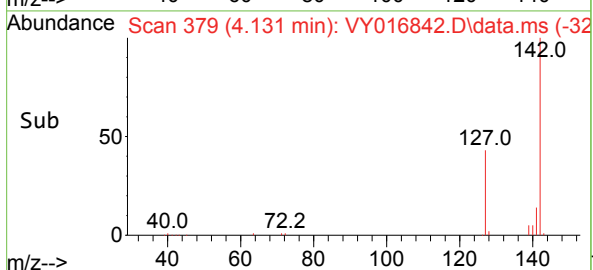
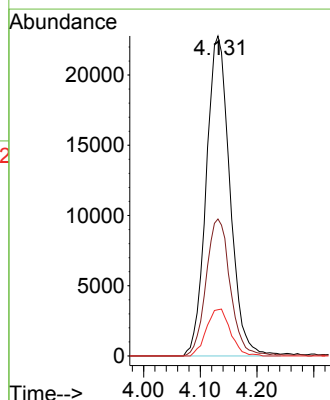
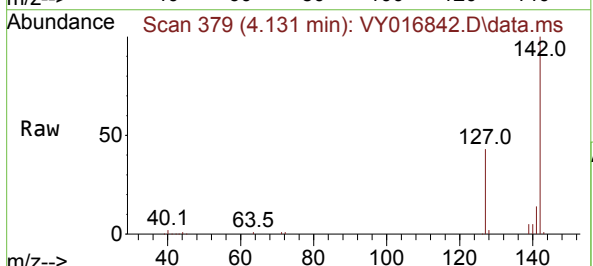
Instrument :
MSVOA_Y
ClientSampleId :

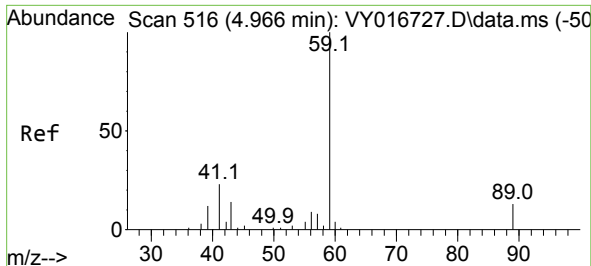
Tgt Ion:101 Resp: 61434
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 70.5 58.6 88.0



#10
Methyl Iodide
Concen: 48.898 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

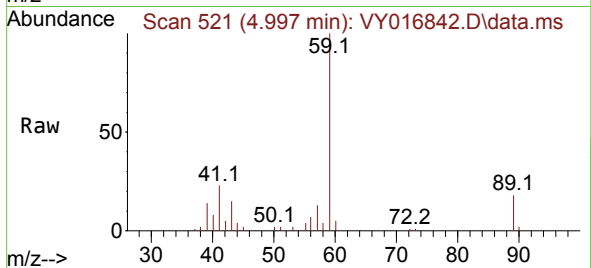
Tgt Ion:142 Resp: 66036
Ion Ratio Lower Upper
142 100
127 44.0 35.1 52.7
141 14.9 11.8 17.6



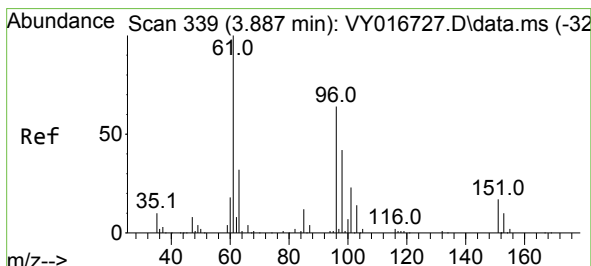
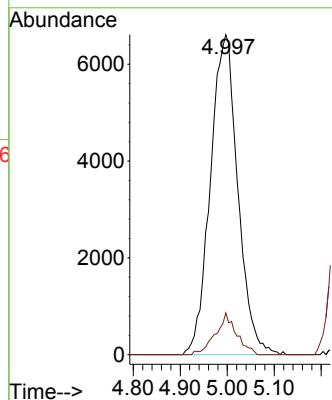
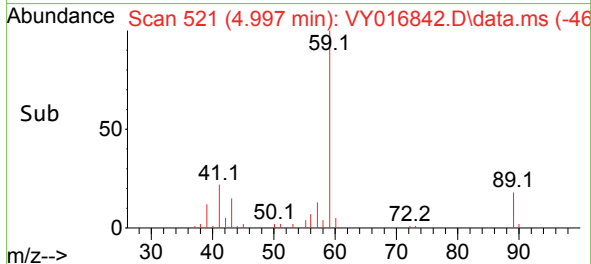


#11
Tert butyl alcohol
Concen: 293.328 ug/l
RT: 4.997 min Scan# 516
Delta R.T. 0.031 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

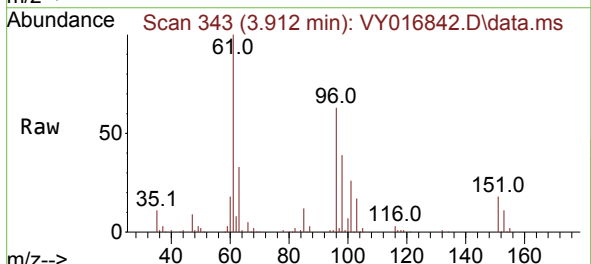
Instrument :
MSVOA_Y
ClientSampleId :



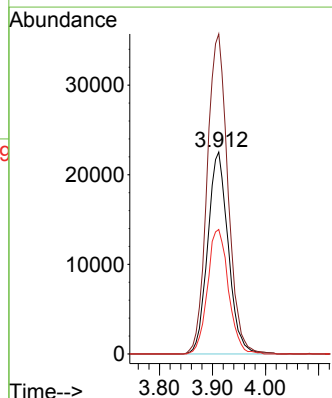
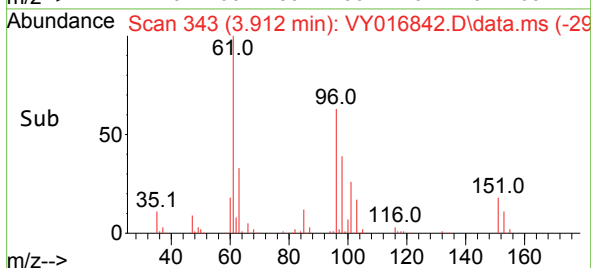
Tgt Ion: 59 Resp: 26836
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.0

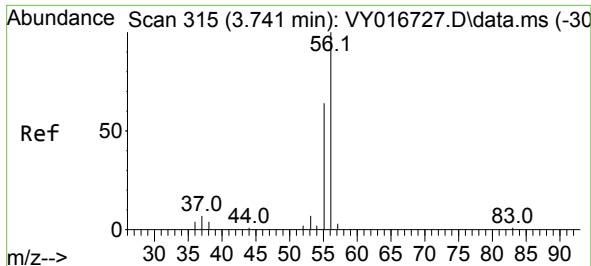


#12
1,1-Dichloroethene
Concen: 52.470 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17



Tgt Ion: 96 Resp: 60546
Ion Ratio Lower Upper
96 100
61 158.4 124.2 186.2
98 61.6 52.6 79.0





#13

Acrolein

Concen: 251.329 ug/l

RT: 3.759 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

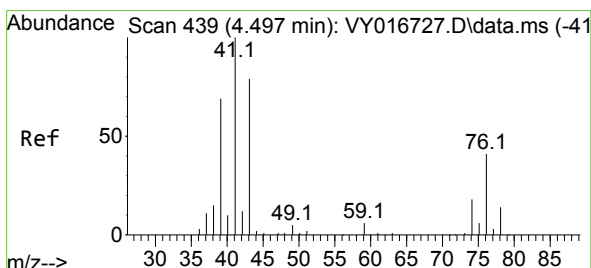
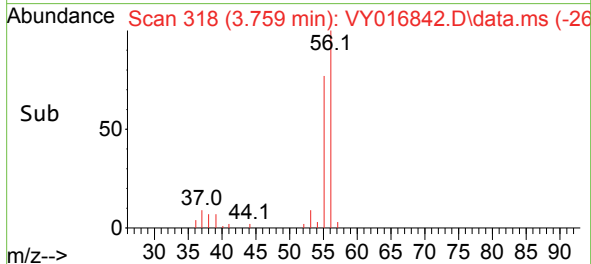
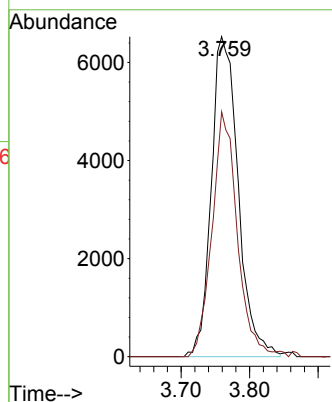
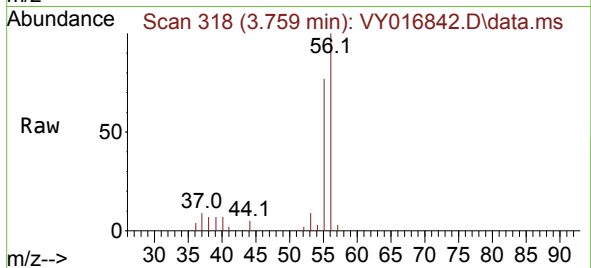
ClientSampleId :

Tgt Ion: 56 Resp: 17741

Ion Ratio Lower Upper

56 100

55 72.1 55.4 83.0



#14

Allyl chloride

Concen: 56.018 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.025 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

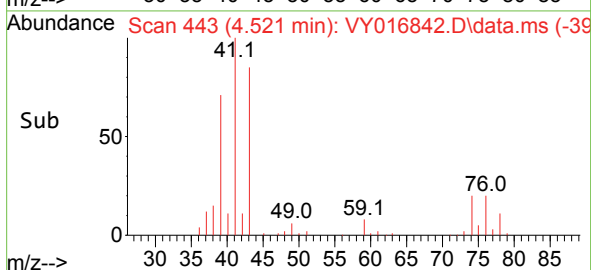
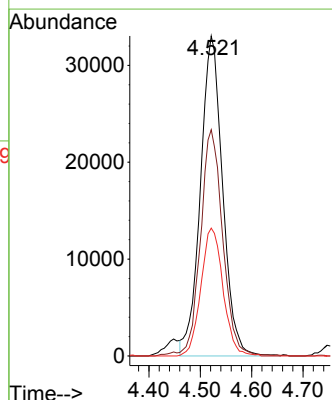
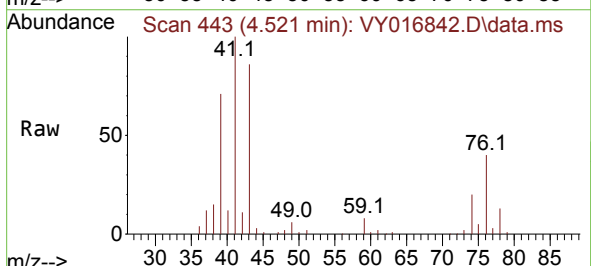
Tgt Ion: 41 Resp: 99008

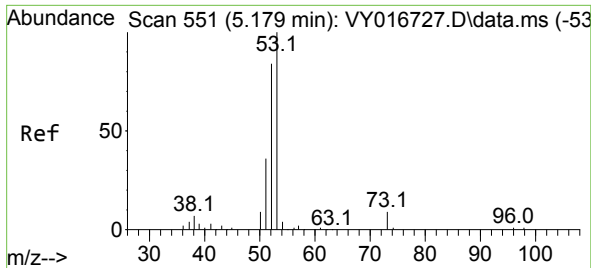
Ion Ratio Lower Upper

41 100

39 71.0 54.7 82.1

76 39.9 31.8 47.6

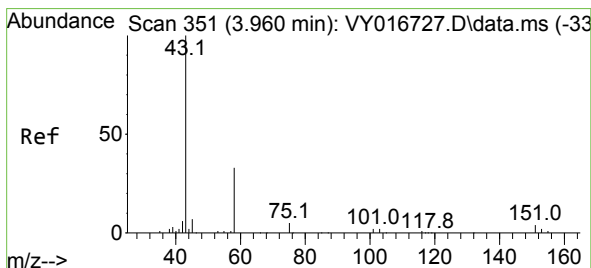
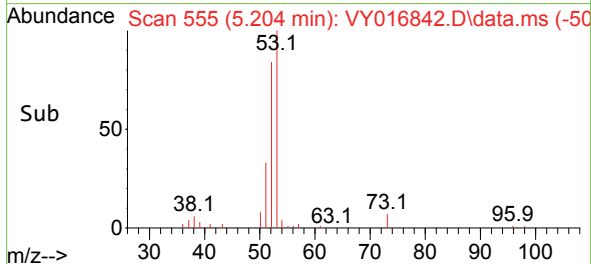
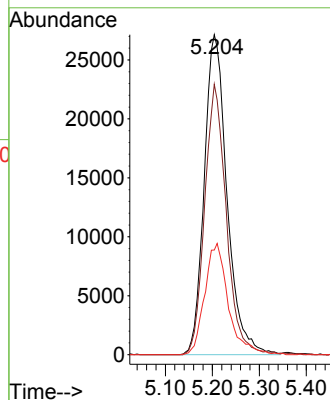
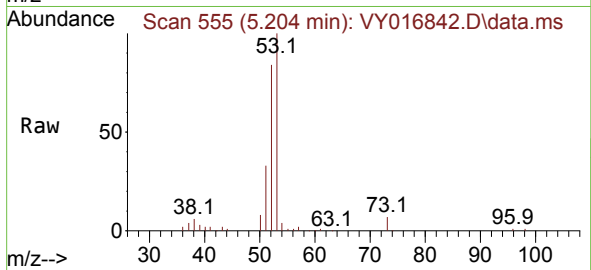




#15
Acrylonitrile
Concen: 320.092 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

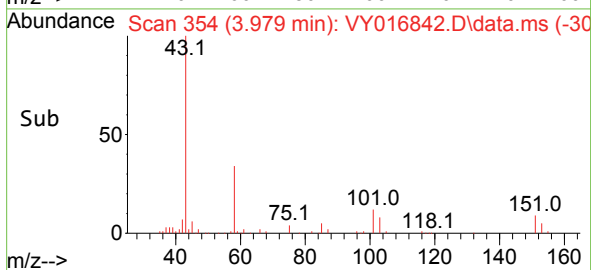
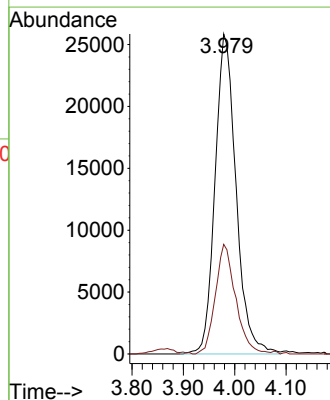
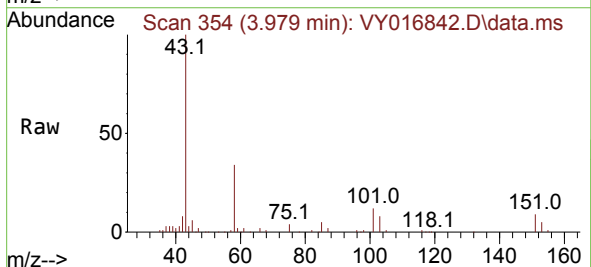
Instrument :
MSVOA_Y
ClientSampleId :

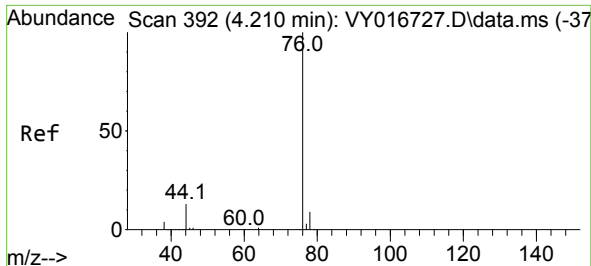
Tgt Ion: 53 Resp: 91614
Ion Ratio Lower Upper
53 100
52 80.3 65.1 97.7
51 36.0 29.0 43.4



#16
Acetone
Concen: 243.311 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 43 Resp: 73415
Ion Ratio Lower Upper
43 100
58 34.3 26.6 39.8

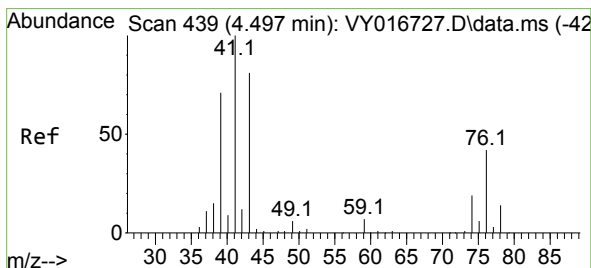
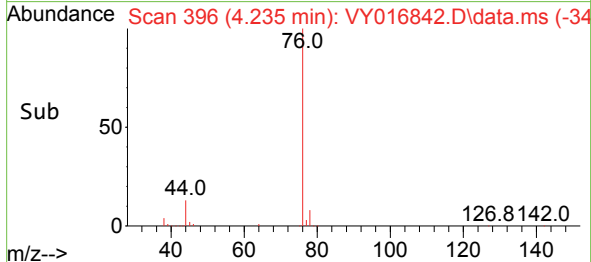
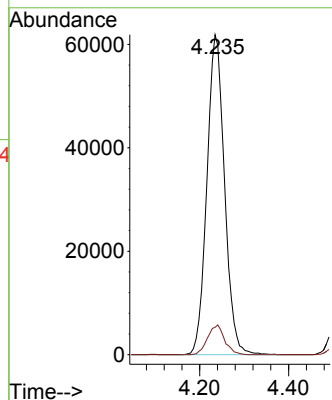
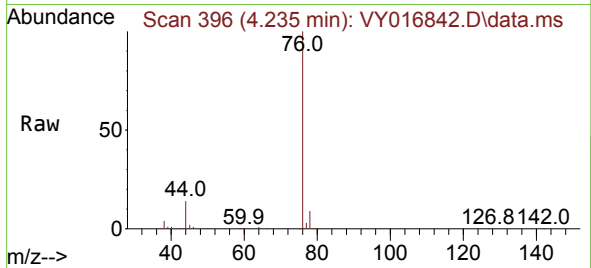




#17
Carbon Disulfide
Concen: 54.440 ug/l
RT: 4.235 min Scan# 396
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

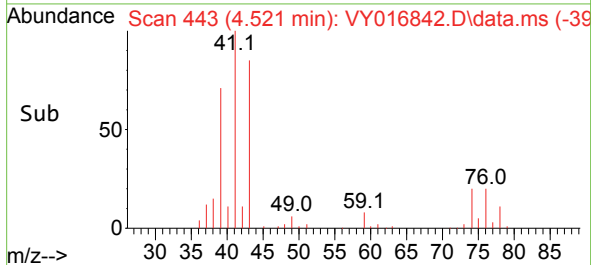
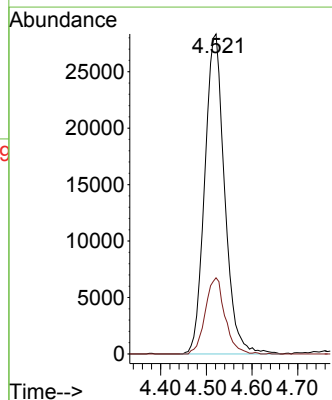
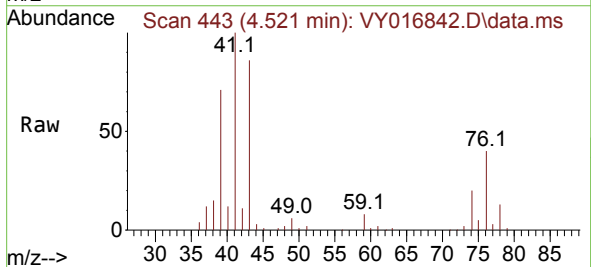
Instrument :
MSVOA_Y
ClientSampleId :

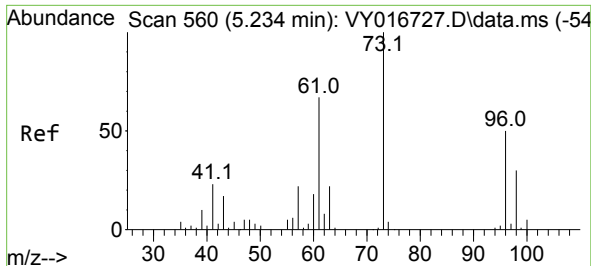
Tgt Ion: 76 Resp: 170927
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 72.743 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

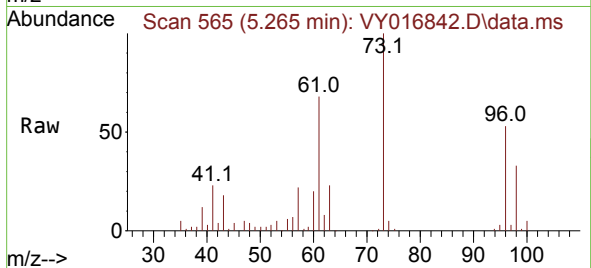
Tgt Ion: 43 Resp: 85776
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6



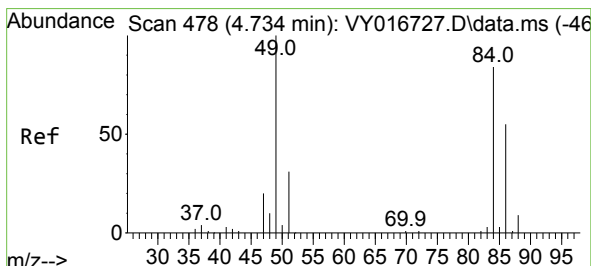
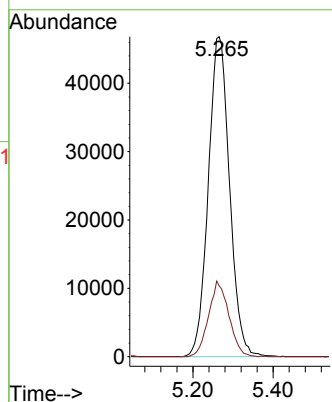
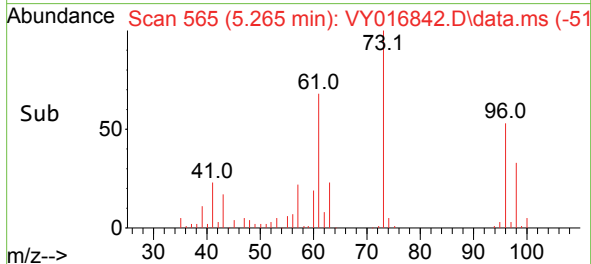


#19
Methyl tert-butyl Ether
Concen: 58.044 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Instrument :
MSVOA_Y
ClientSampleId :

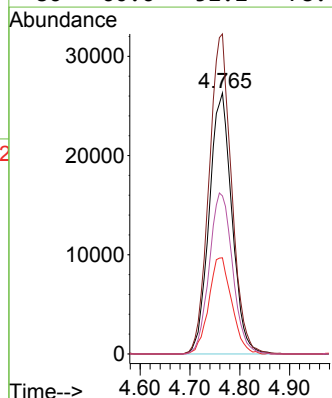
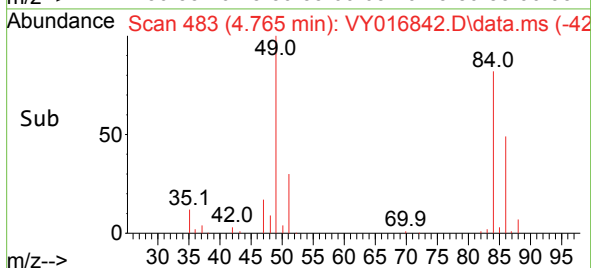
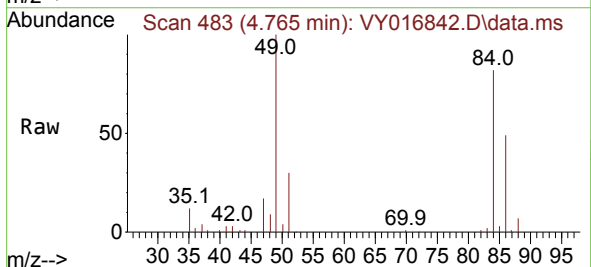


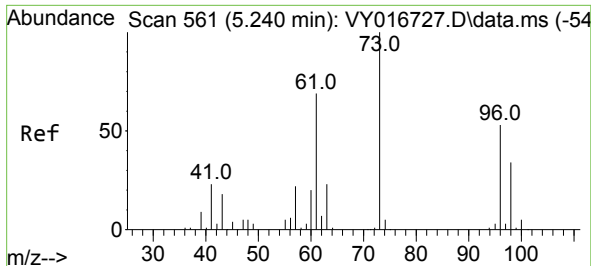
Tgt Ion: 73 Resp: 172338
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 55.527 ug/l
RT: 4.765 min Scan# 483
Delta R.T. 0.031 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 84 Resp: 83067
Ion Ratio Lower Upper
84 100
49 122.6 95.2 142.8
51 36.8 29.9 44.9
86 60.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 56.820 ug/l

RT: 5.265 min Scan# 5

Delta R.T. 0.025 min

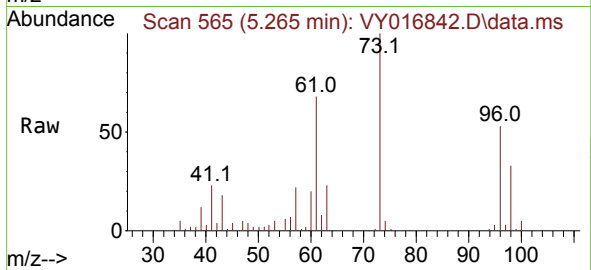
Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :



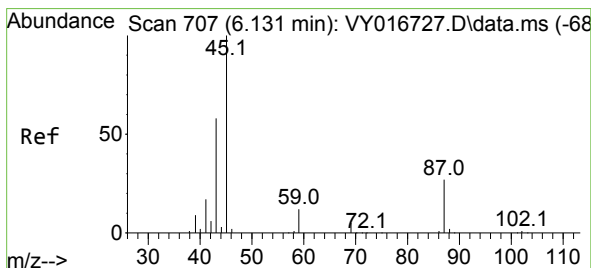
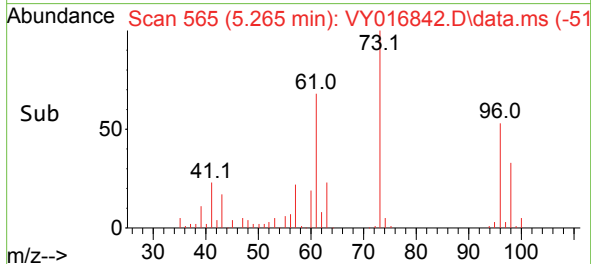
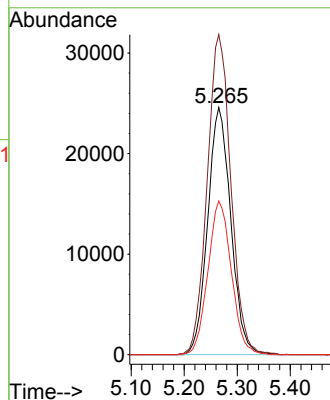
Tgt Ion: 96 Resp: 74778

Ion Ratio Lower Upper

96 100

61 129.4 104.6 156.8

98 62.2 50.9 76.3



#22

Diisopropyl ether

Concen: 60.767 ug/l

RT: 6.161 min Scan# 712

Delta R.T. 0.031 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Tgt Ion: 45 Resp: 242982

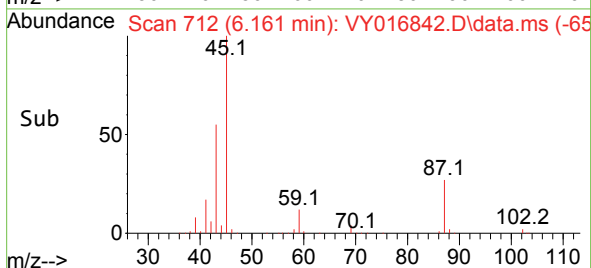
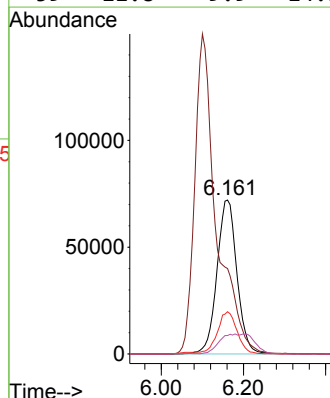
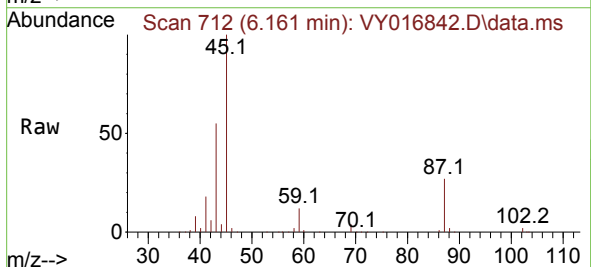
Ion Ratio Lower Upper

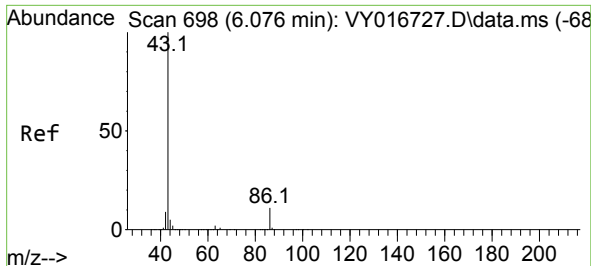
45 100

43 55.0 46.8 70.2

87 27.4 22.2 33.2

59 11.8 9.9 14.9





#23

Vinyl Acetate

Concen: 290.088 ug/l

RT: 6.100 min Scan# 702

Delta R.T. 0.024 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

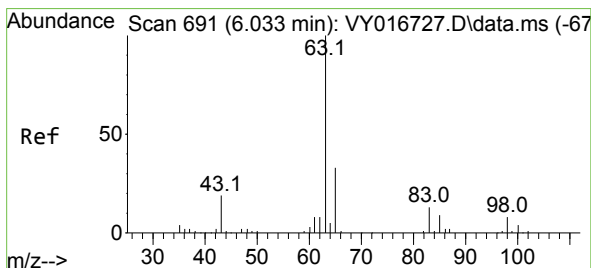
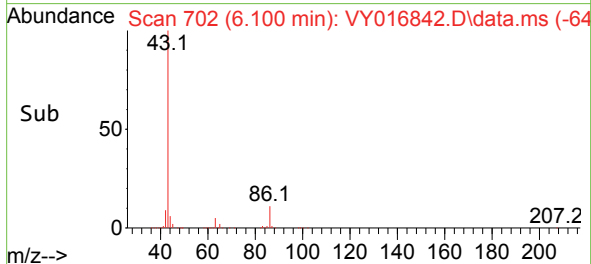
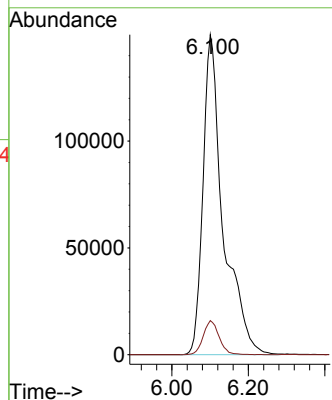
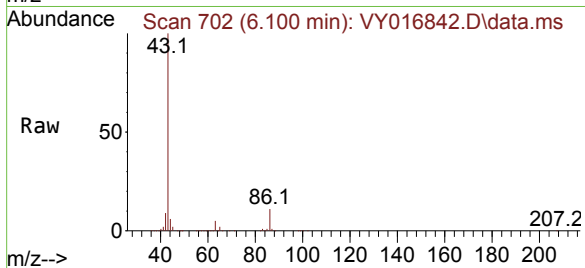
ClientSampleId :

Tgt Ion: 43 Resp: 548599

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 58.188 ug/l

RT: 6.064 min Scan# 696

Delta R.T. 0.031 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

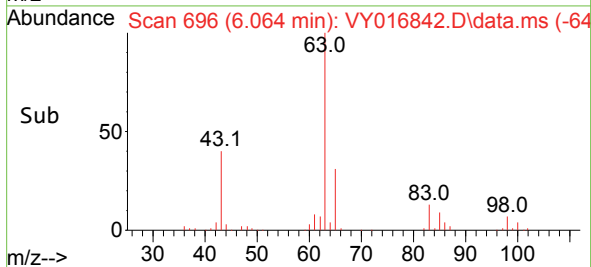
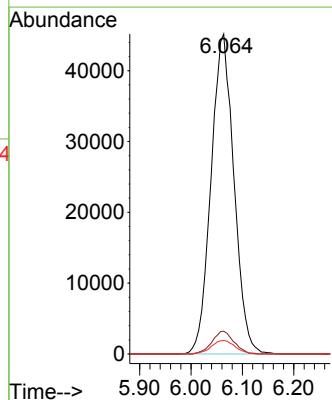
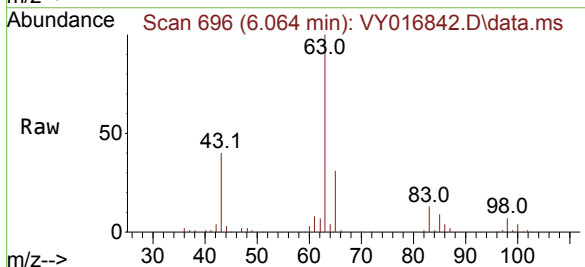
Tgt Ion: 63 Resp: 139766

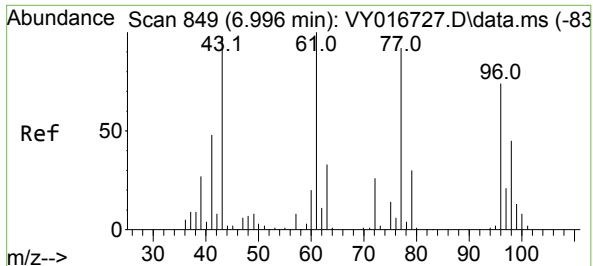
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.2 2.1 6.2





#25

2-Butanone

Concen: 279.115 ug/l

RT: 7.021 min Scan# 8

Delta R.T. 0.025 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

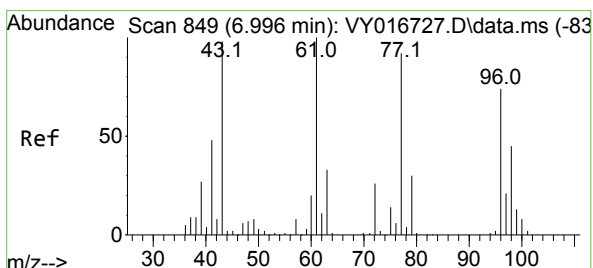
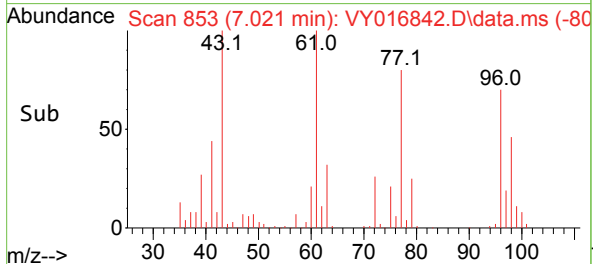
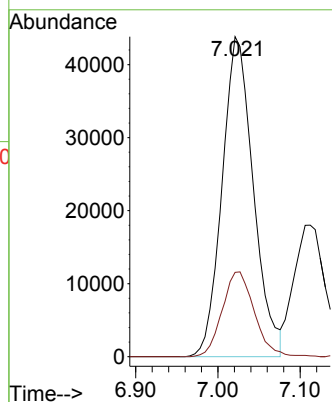
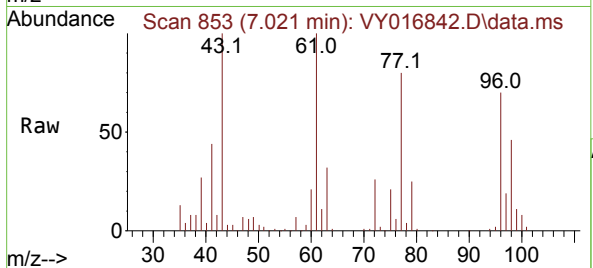
ClientSampleId :

Tgt Ion: 43 Resp: 115953

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 50.562 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016842.D

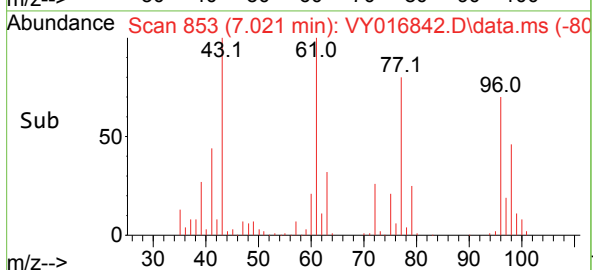
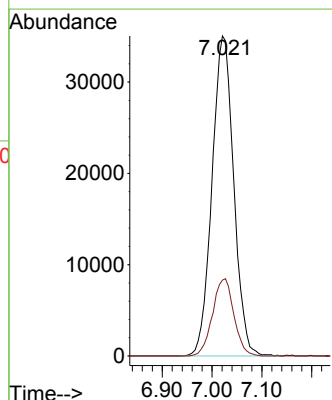
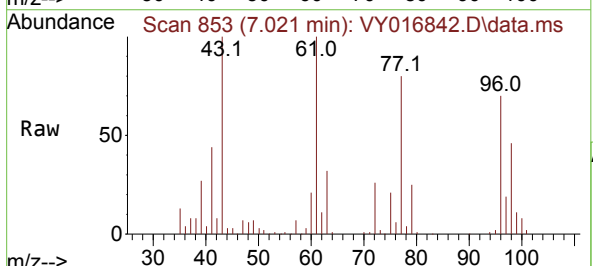
Acq: 23 Dec 2023 06:17

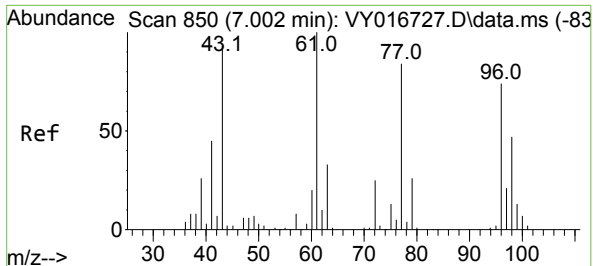
Tgt Ion: 77 Resp: 105982

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 57.827 ug/l

RT: 7.027 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

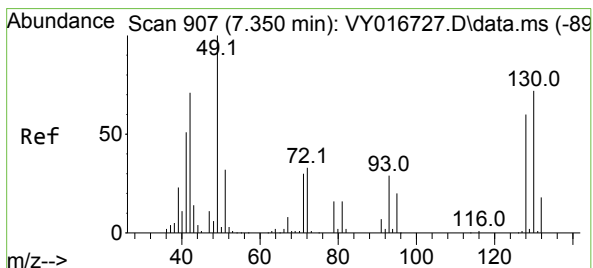
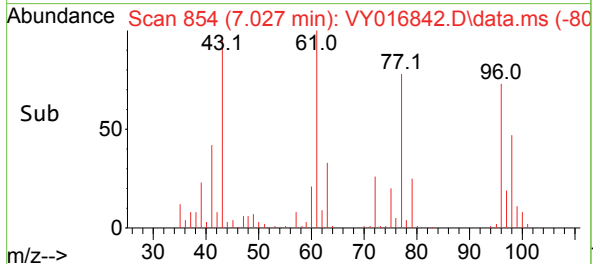
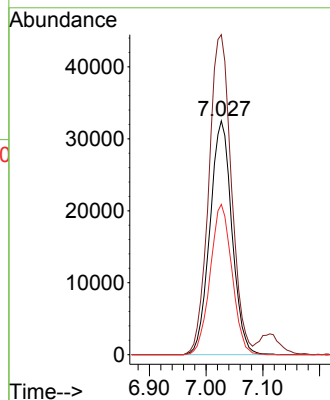
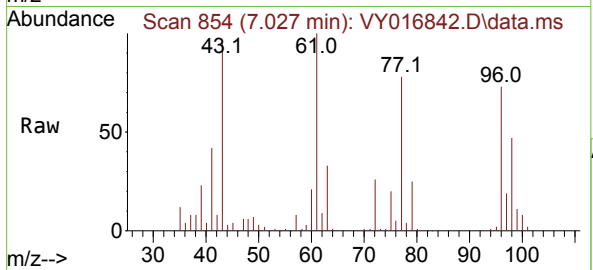
Tgt Ion: 96 Resp: 87586

Ion Ratio Lower Upper

96 100

61 140.4 0.0 278.8

98 63.5 0.0 127.0



#28

Bromochloromethane

Concen: 66.941 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.025 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

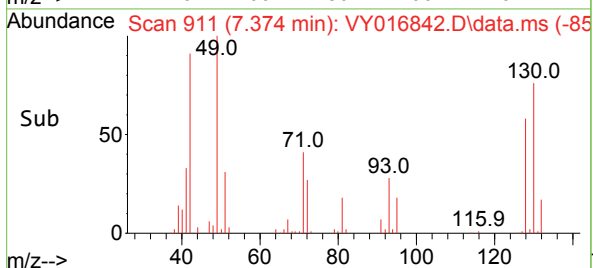
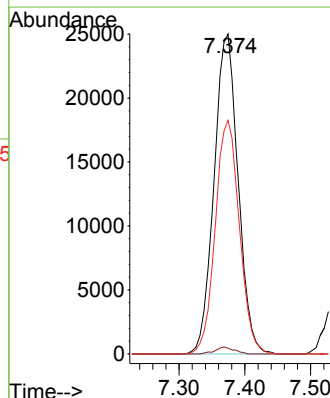
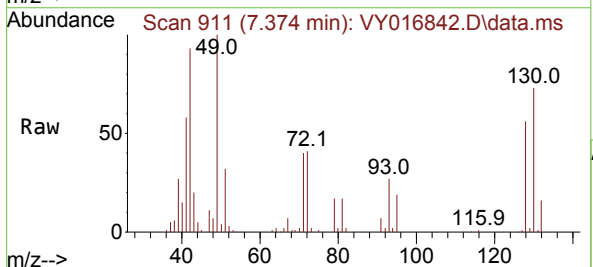
Tgt Ion: 49 Resp: 63640

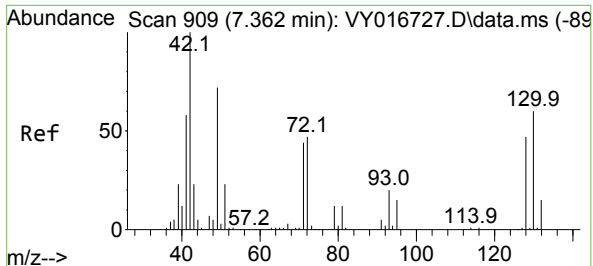
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 73.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 328.826 ug/l

RT: 7.387 min Scan# 913

Delta R.T. 0.025 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

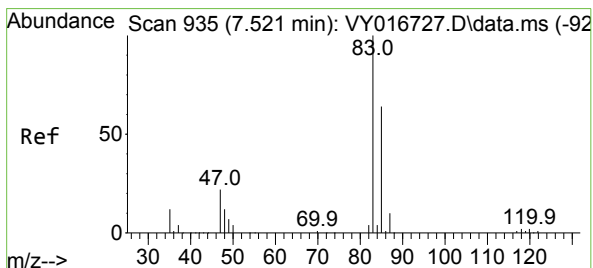
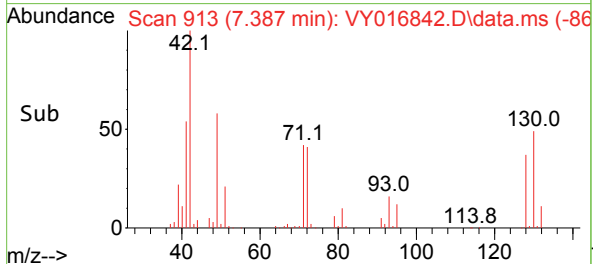
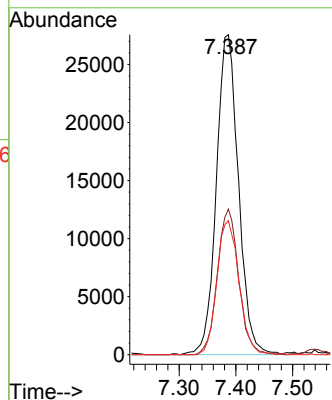
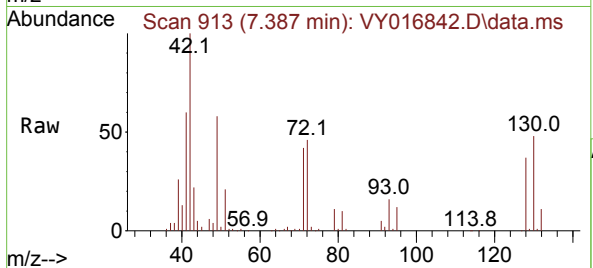
Tgt Ion: 42 Resp: 74695

Ion Ratio Lower Upper

42 100

72 43.9 36.6 54.8

71 41.7 33.8 50.6



#30

Chloroform

Concen: 58.290 ug/l

RT: 7.545 min Scan# 939

Delta R.T. 0.025 min

Lab File: VY016842.D

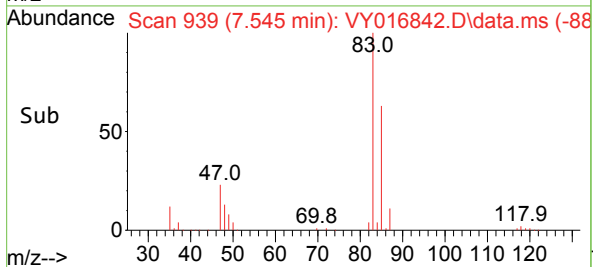
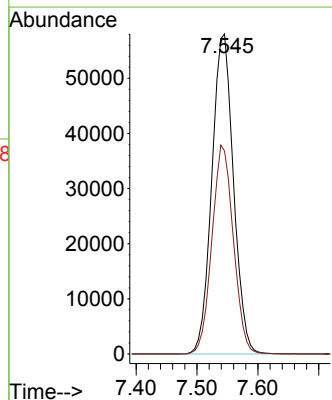
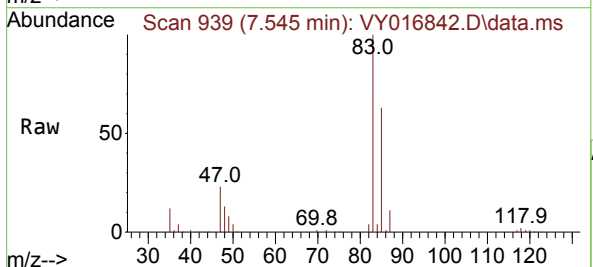
Acq: 23 Dec 2023 06:17

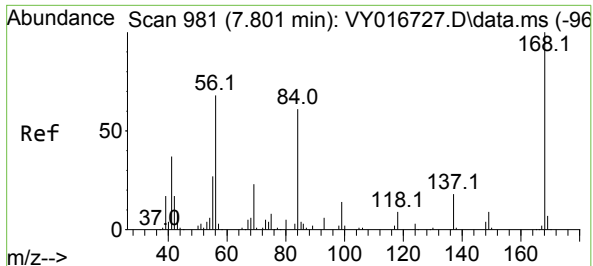
Tgt Ion: 83 Resp: 143332

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8





#31

Cyclohexane

Concen: 46.869 ug/l

RT: 7.819 min Scan# 91

Delta R.T. 0.018 min

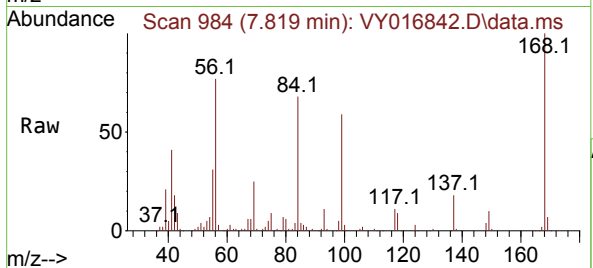
Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :



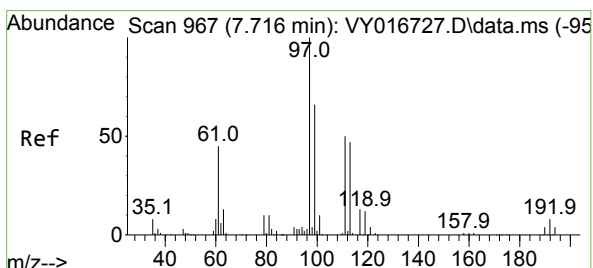
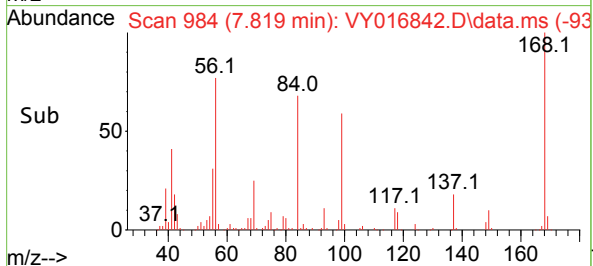
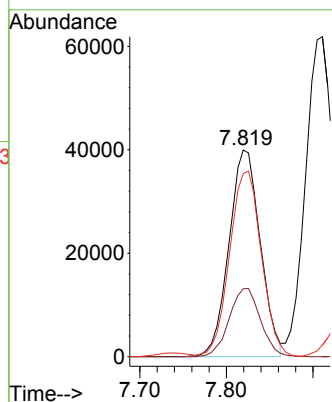
Tgt Ion: 56 Resp: 100200

Ion Ratio Lower Upper

56 100

69 32.9 27.0 40.6

84 87.0 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 53.199 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.025 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

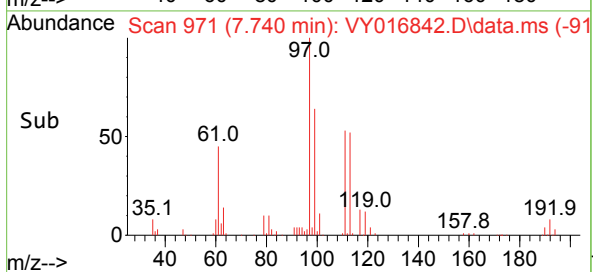
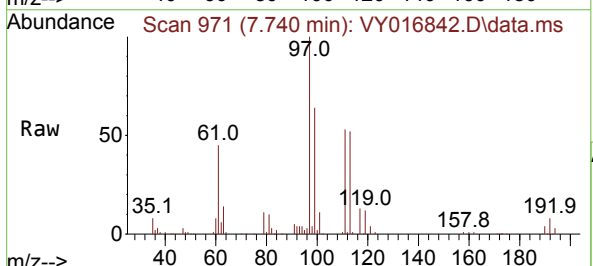
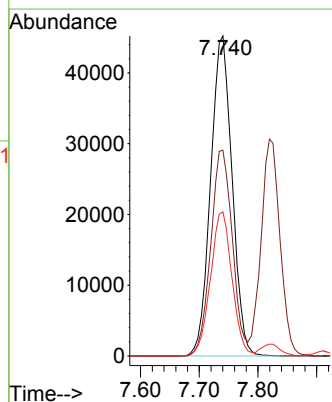
Tgt Ion: 97 Resp: 114826

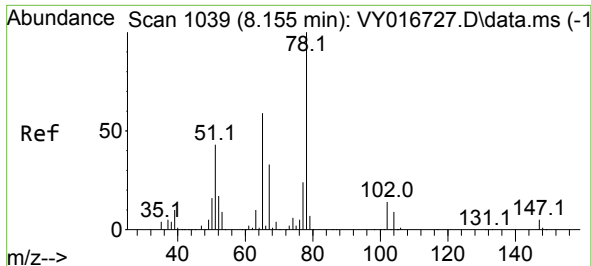
Ion Ratio Lower Upper

97 100

99 64.9 51.2 76.8

61 45.3 35.0 52.6

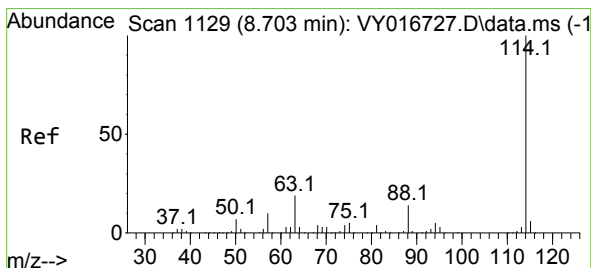
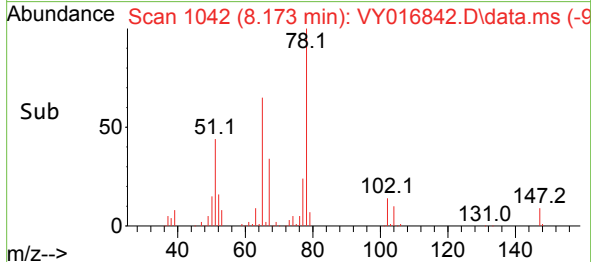
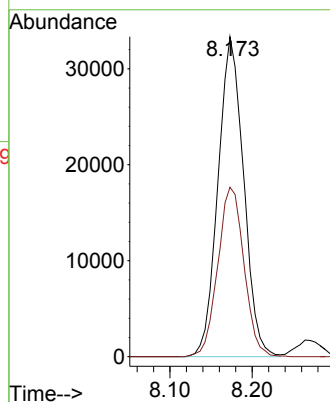
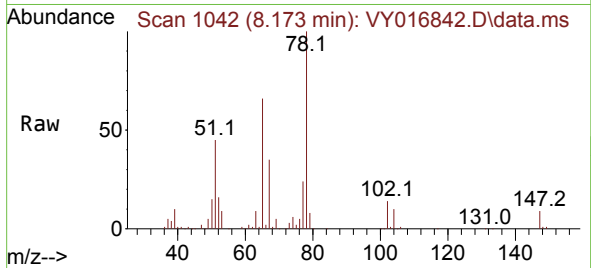




#33
1,2-Dichloroethane-d4
Concen: 64.609 ug/l
RT: 8.173 min Scan# 110
Delta R.T. 0.018 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

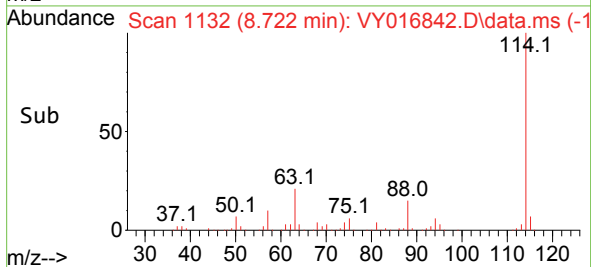
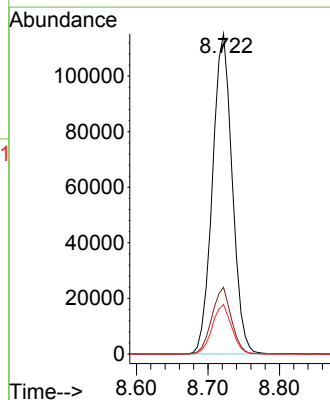
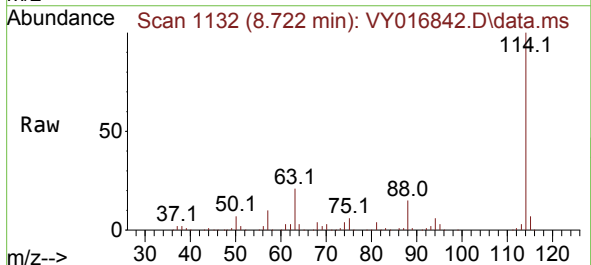
Instrument :
MSVOA_Y
ClientSampleId :

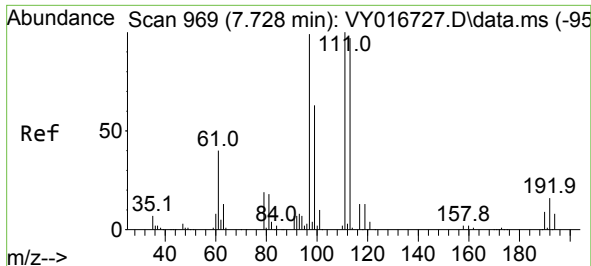
Tgt Ion: 65 Resp: 72093
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.019 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion:114 Resp: 220844
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.4
88 15.4 0.0 29.0

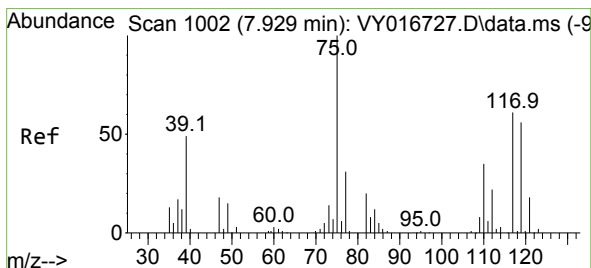
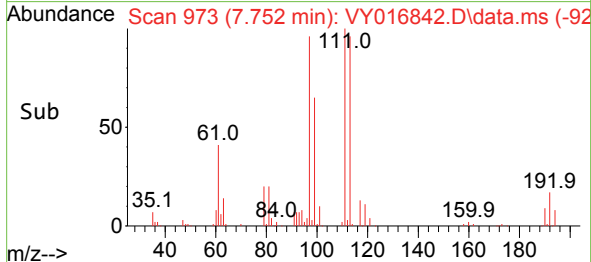
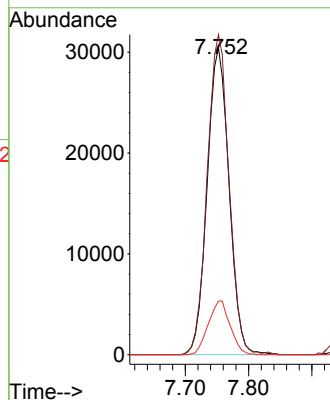
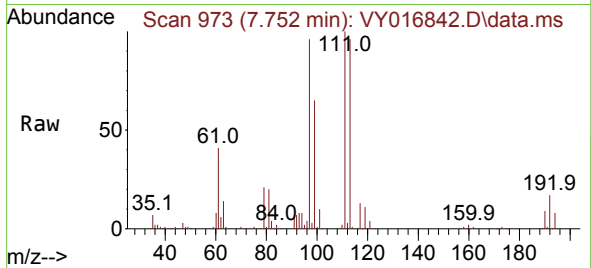




#35
Dibromofluoromethane
Concen: 57.870 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

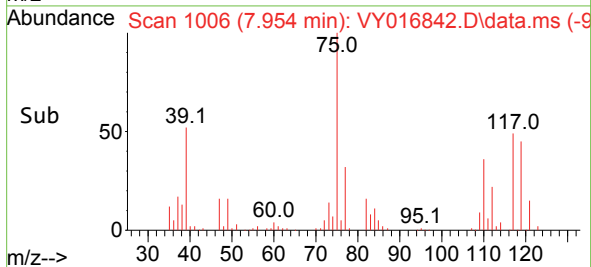
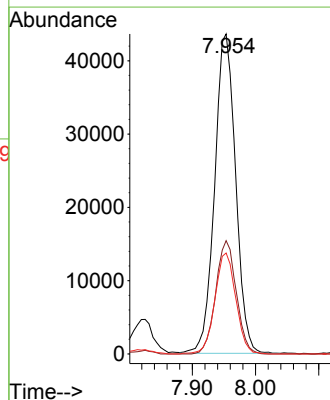
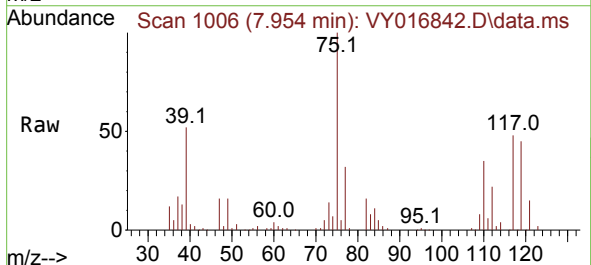
Instrument :
MSVOA_Y
ClientSampleId :

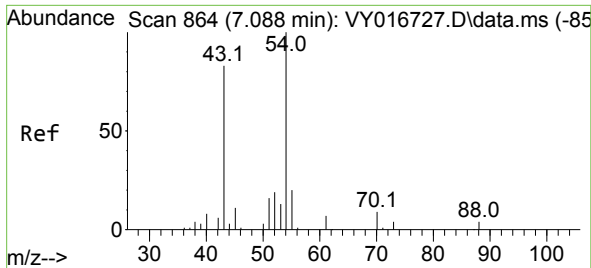
Tgt Ion:113 Resp: 73208
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 49.470 ug/l
RT: 7.954 min Scan# 1006
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 75 Resp: 100328
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 57.312 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.025 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

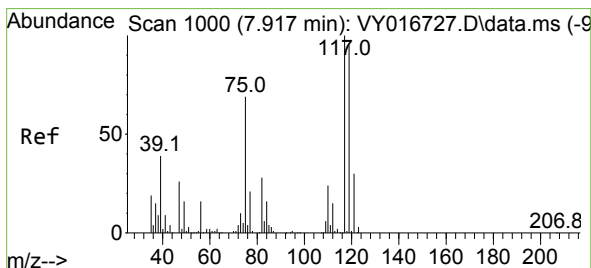
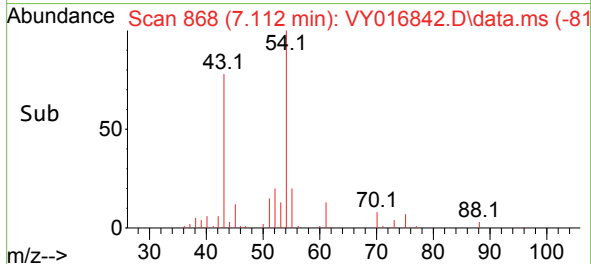
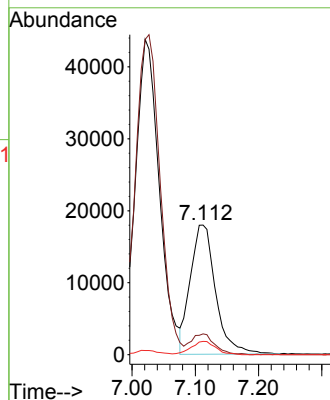
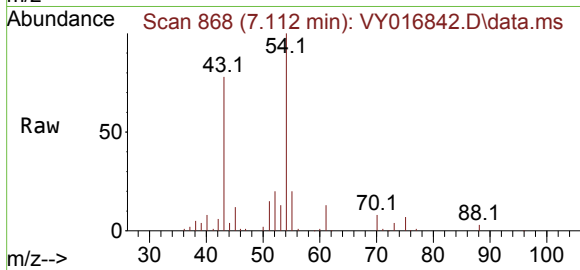
Tgt Ion: 43 Resp: 49820

Ion Ratio Lower Upper

43 100

61 15.2 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 47.977 ug/l

RT: 7.935 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

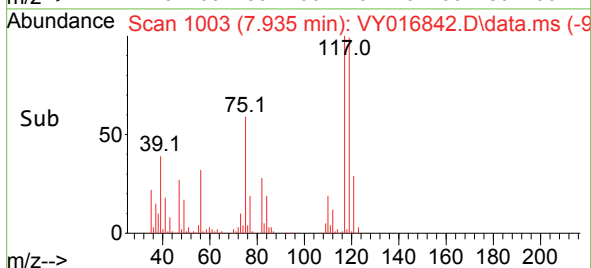
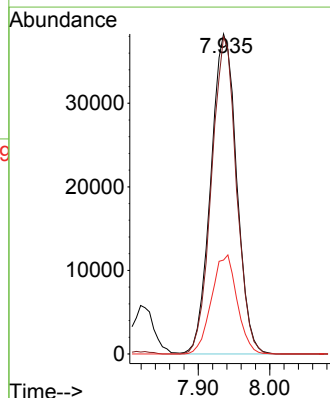
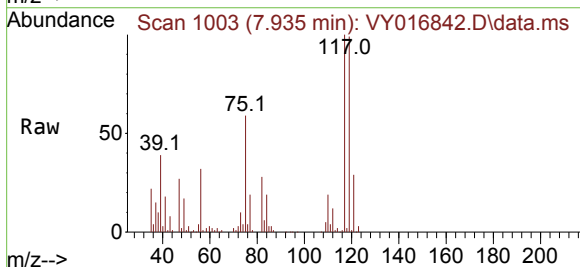
Tgt Ion: 117 Resp: 96284

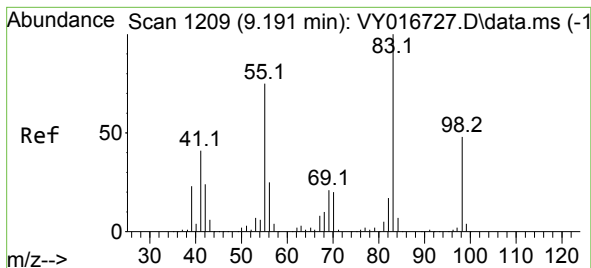
Ion Ratio Lower Upper

117 100

119 99.1 76.0 114.0

121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 46.343 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.025 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

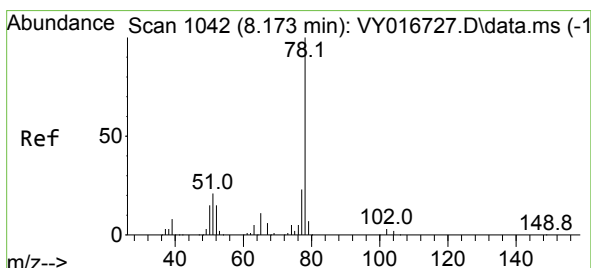
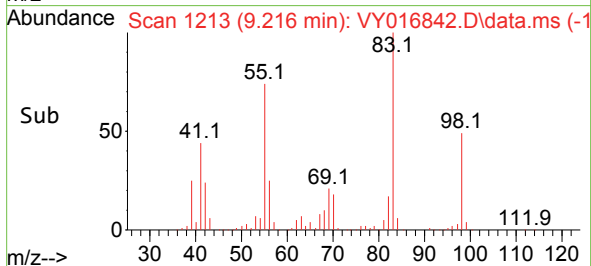
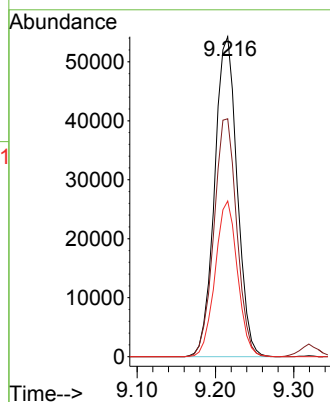
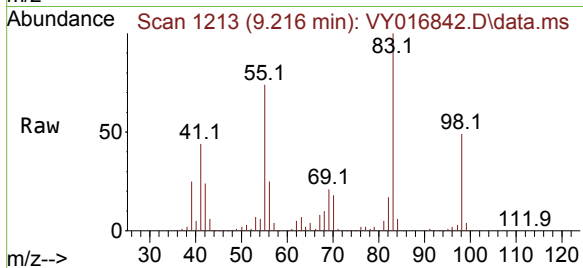
Tgt Ion: 83 Resp: 108515

Ion Ratio Lower Upper

83 100

55 74.3 59.7 89.5

98 48.6 38.0 57.0



#40

Benzene

Concen: 53.856 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY016842.D

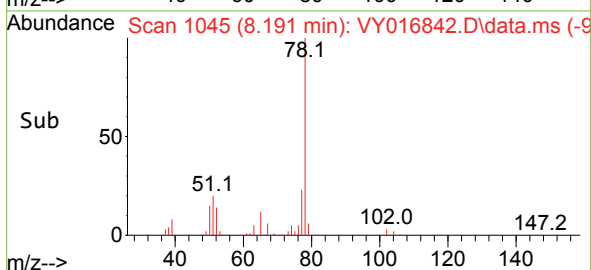
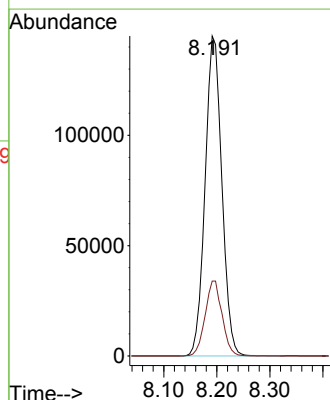
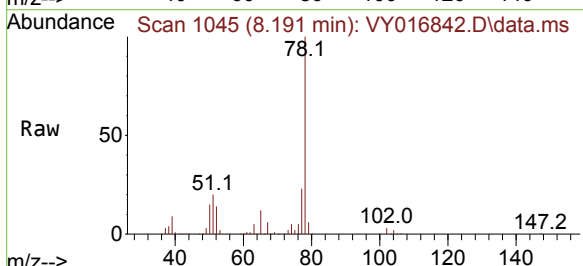
Acq: 23 Dec 2023 06:17

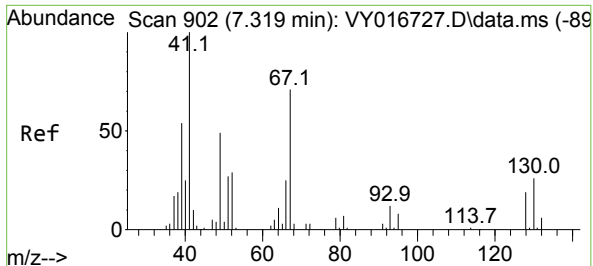
Tgt Ion: 78 Resp: 317848

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2

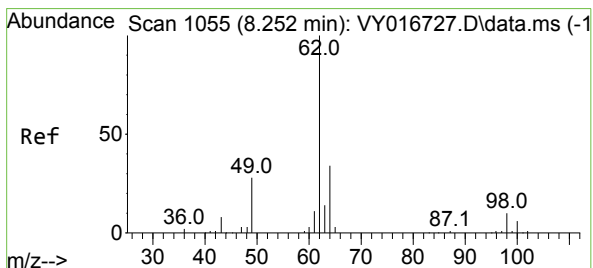
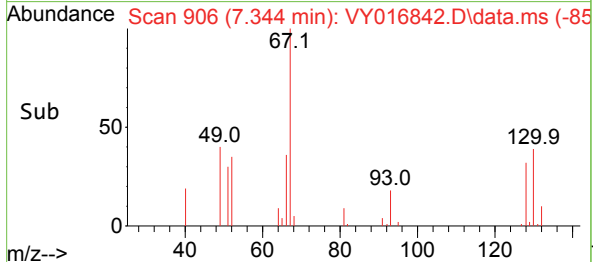
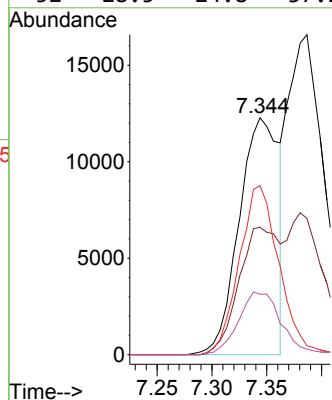
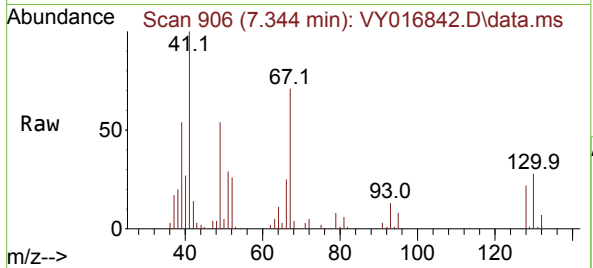




#41
Methacrylonitrile
Concen: 67.234 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

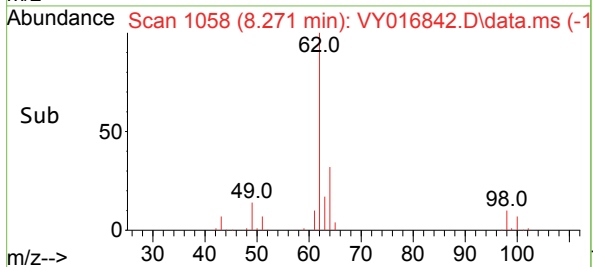
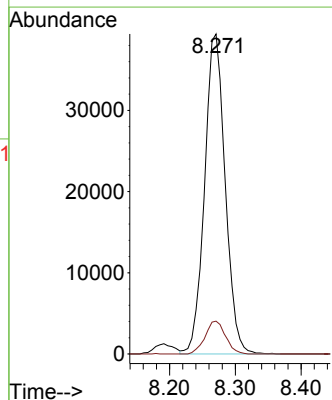
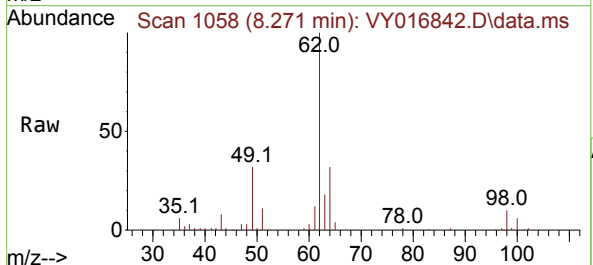
Instrument :
MSVOA_Y
ClientSampleId :

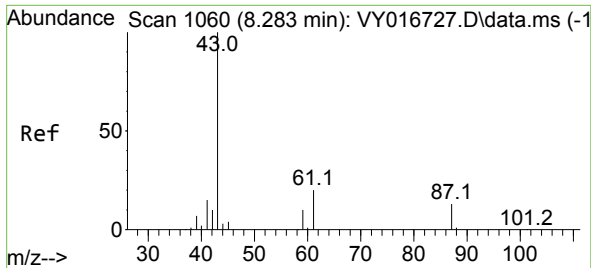
Tgt Ion: 41 Resp: 31031
Ion Ratio Lower Upper
41 100
39 54.1 41.9 62.9
67 71.8 59.8 89.6
52 28.5 24.8 37.2



#42
1,2-Dichloroethane
Concen: 55.815 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.018 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 62 Resp: 85940
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2

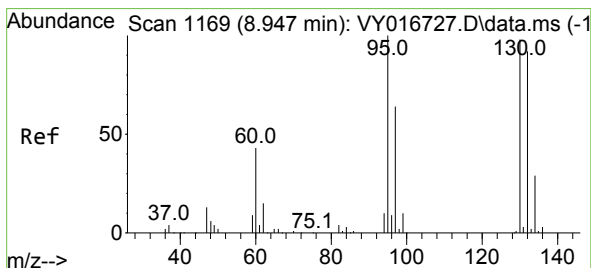
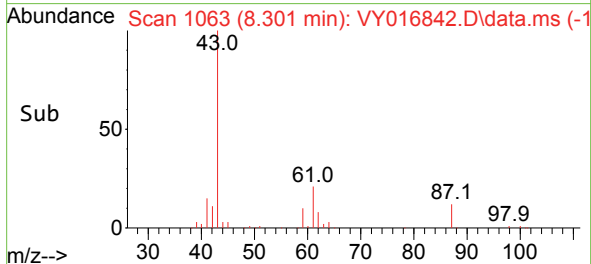
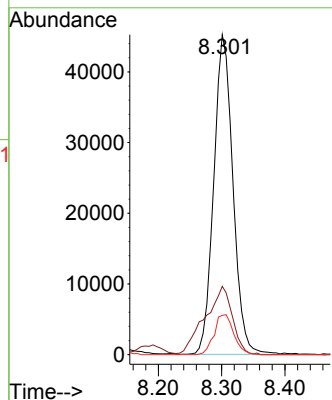
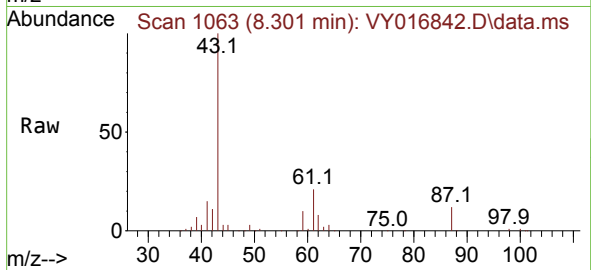




#43
Isopropyl Acetate
Concen: 56.310 ug/l
RT: 8.301 min Scan# 1173
Delta R.T. 0.018 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

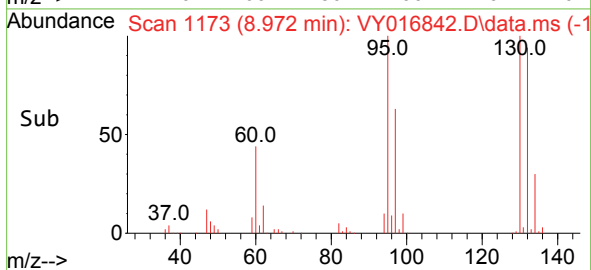
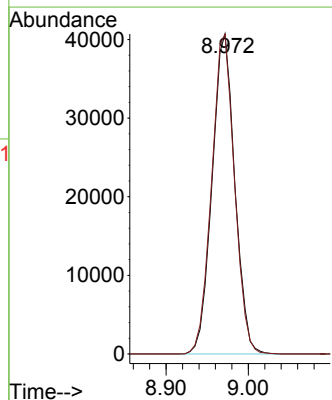
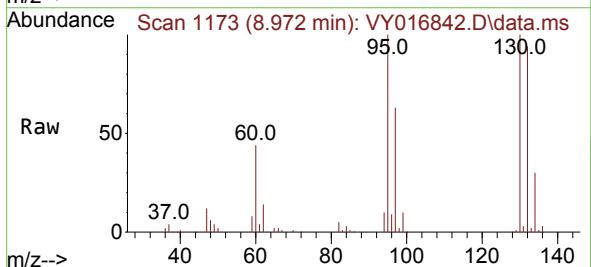
Instrument :
MSVOA_Y
ClientSampleId :

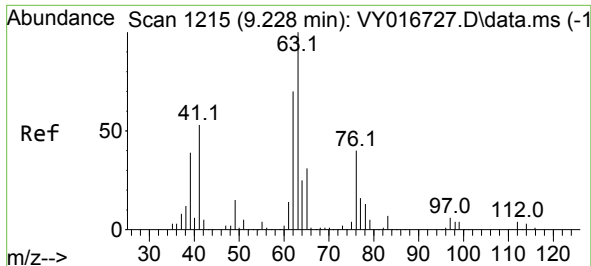
Tgt Ion: 43 Resp: 95070
Ion Ratio Lower Upper
43 100
61 30.6 24.8 37.2
87 12.8 10.7 16.1



#44
Trichloroethene
Concen: 51.774 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.025 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 130 Resp: 77989
Ion Ratio Lower Upper
130 100
95 99.9 0.0 203.8





#45

1,2-Dichloropropane

Concen: 54.806 ug/l

RT: 9.246 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

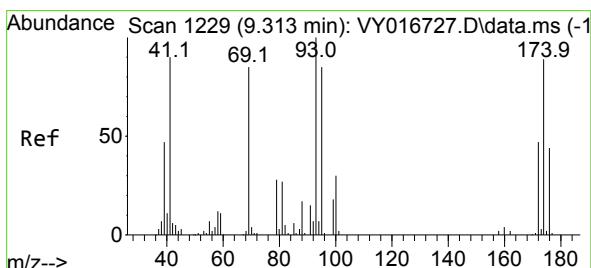
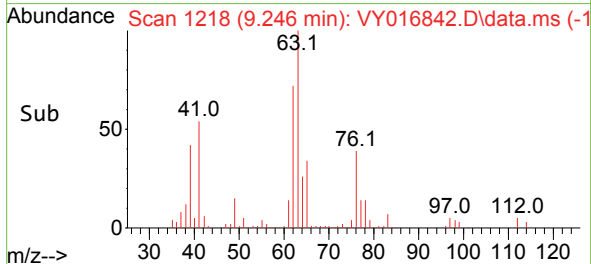
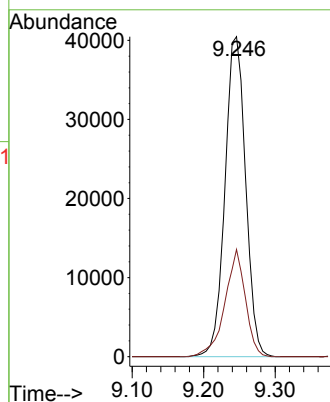
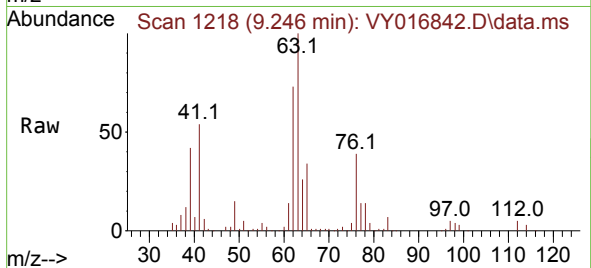
ClientSampleId :

Tgt Ion: 63 Resp: 81136

Ion Ratio Lower Upper

63 100

65 33.5 24.6 36.8



#46

Dibromomethane

Concen: 54.911 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

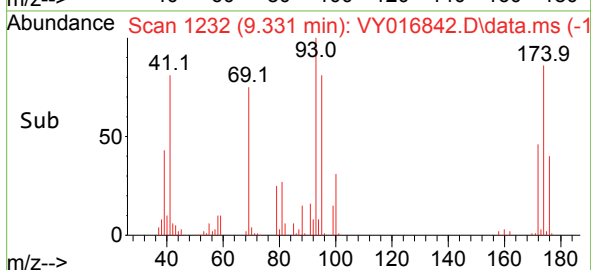
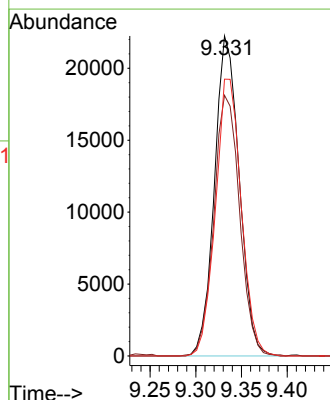
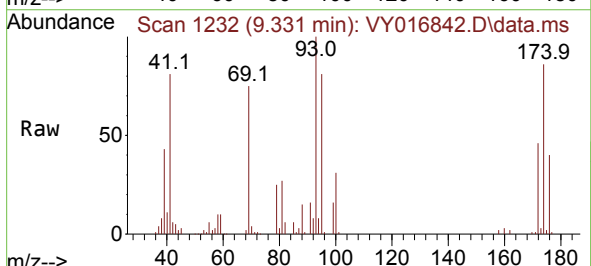
Tgt Ion: 93 Resp: 41996

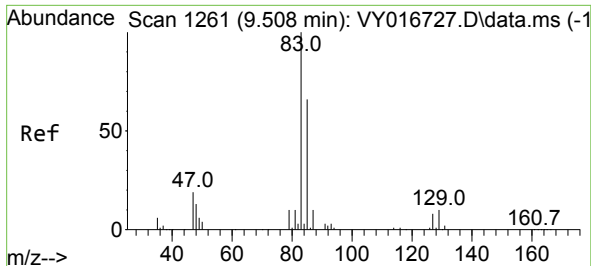
Ion Ratio Lower Upper

93 100

95 84.7 66.6 99.8

174 90.1 73.8 110.6

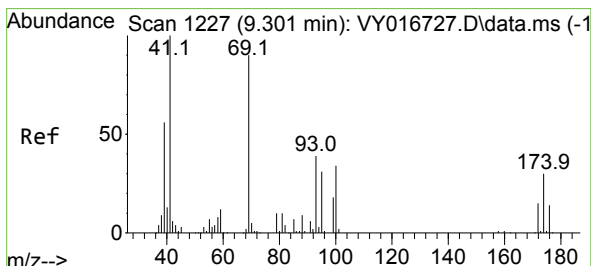
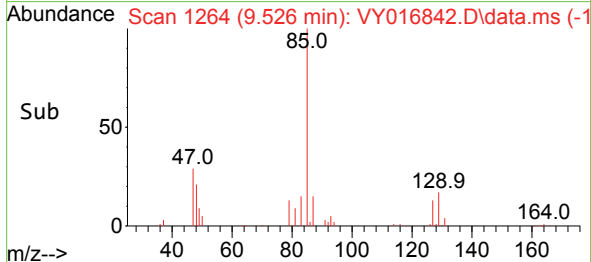
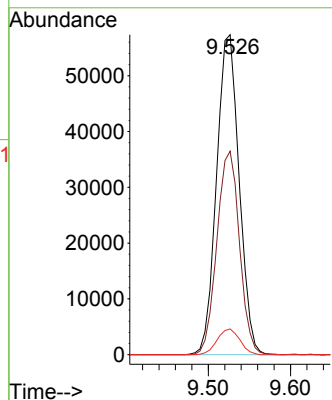
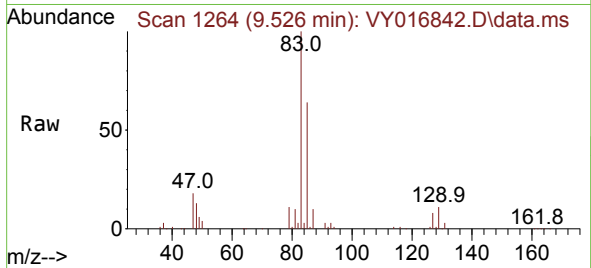




#47
Bromodichloromethane
Concen: 54.319 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

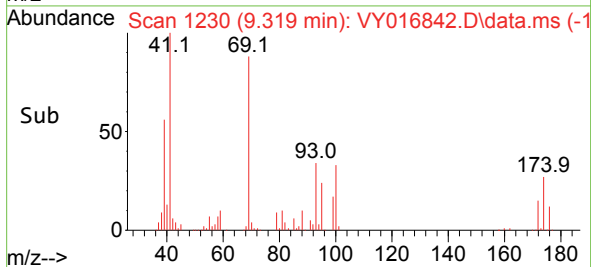
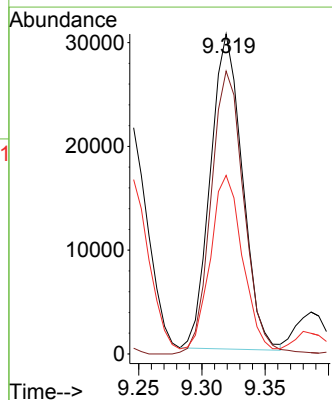
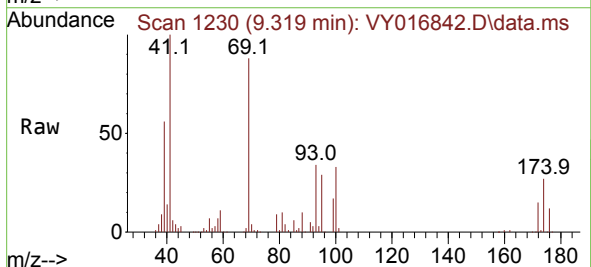
Instrument :
MSVOA_Y
ClientSampleId :

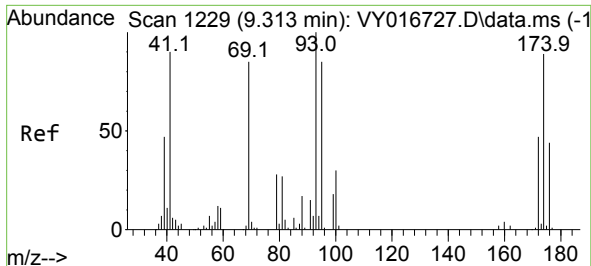
Tgt Ion: 83 Resp: 109495
Ion Ratio Lower Upper
83 100
85 63.6 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 56.977 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 41 Resp: 53463
Ion Ratio Lower Upper
41 100
69 92.4 72.1 108.1
39 57.9 42.8 64.2





#49

1,4-Dioxane

Concen: 1126.356 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

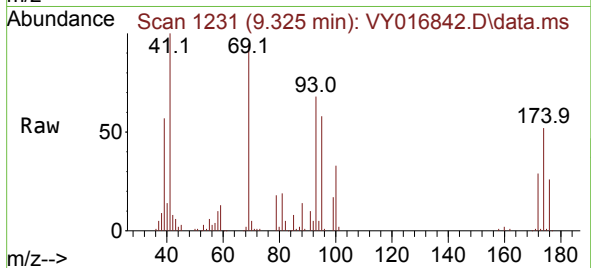
Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :



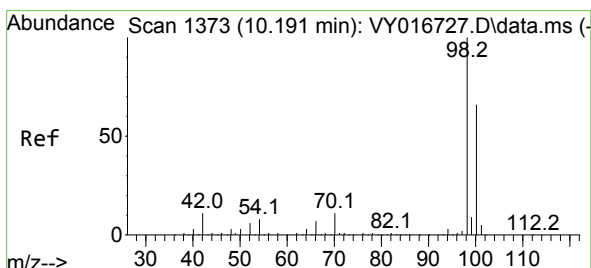
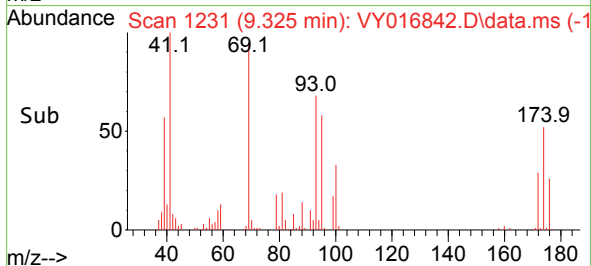
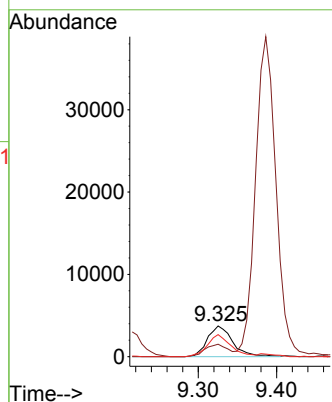
Tgt Ion: 88 Resp: 8361

Ion Ratio Lower Upper

88 100

43 36.0 28.2 42.4

58 67.0 52.2 78.2



#50

Toluene-d8

Concen: 58.686 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016842.D

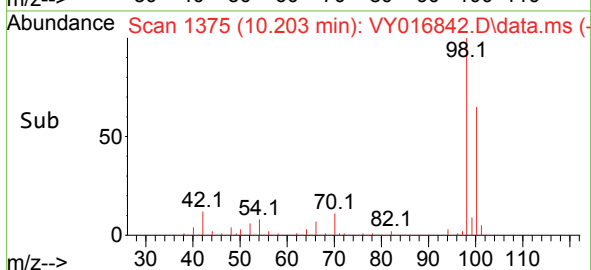
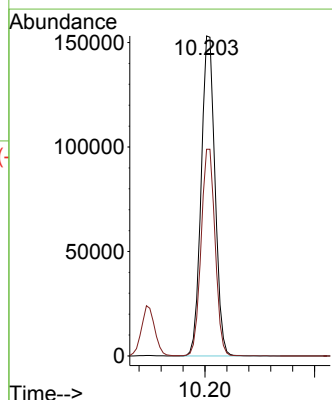
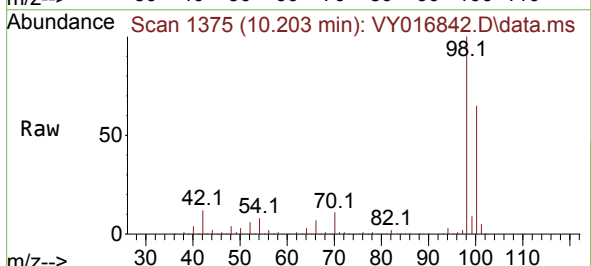
Acq: 23 Dec 2023 06:17

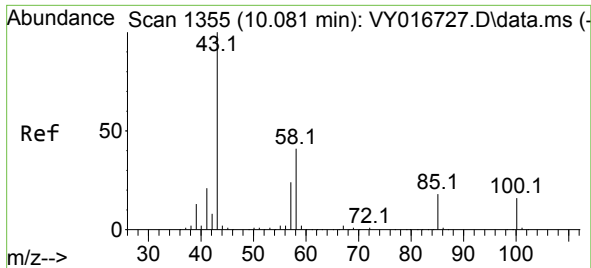
Tgt Ion: 98 Resp: 267629

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

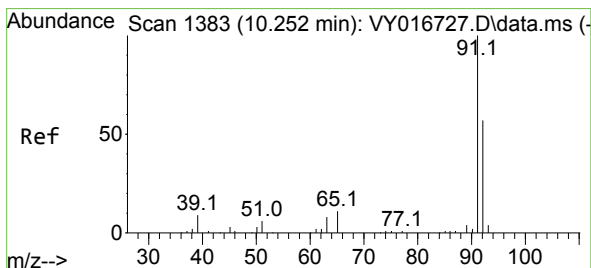
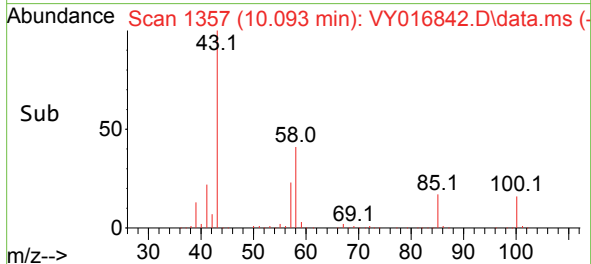
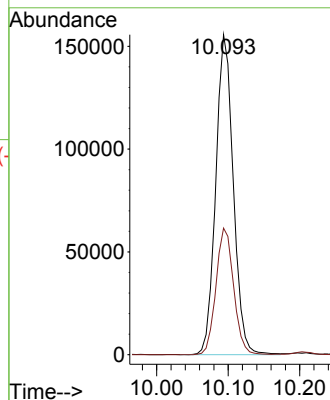
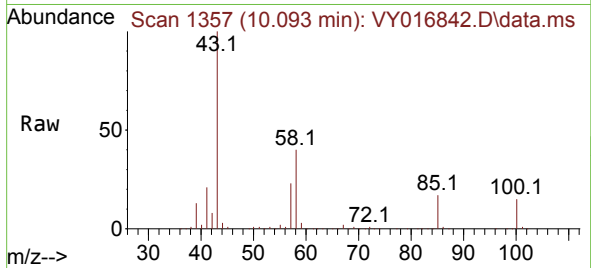




#51
4-Methyl-2-Pentanone
Concen: 294.779 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

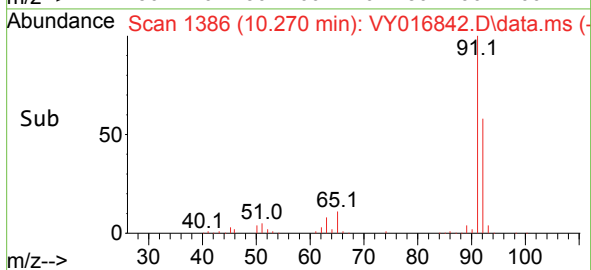
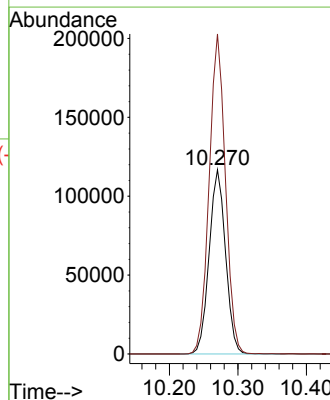
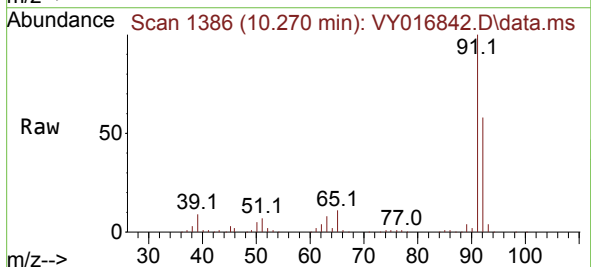
Instrument :
MSVOA_Y
ClientSampleId :

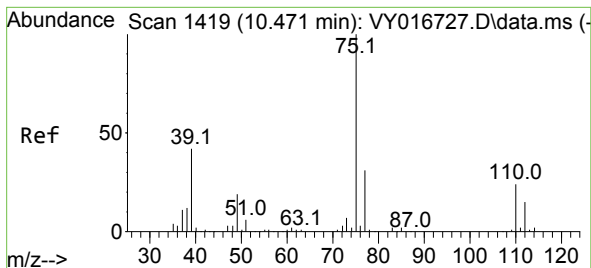
Tgt Ion: 43 Resp: 265172
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2



#52
Toluene
Concen: 54.908 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 92 Resp: 194196
Ion Ratio Lower Upper
92 100
91 172.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 54.395 ug/l

RT: 10.490 min Scan# 1419

Delta R.T. 0.019 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

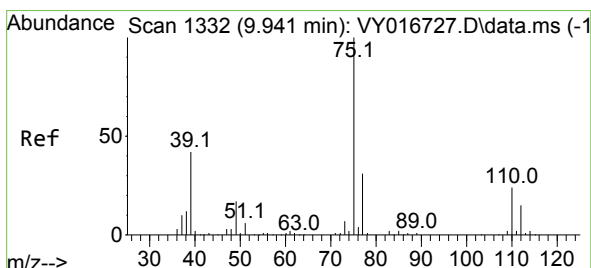
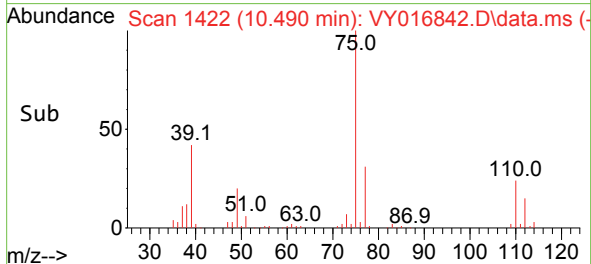
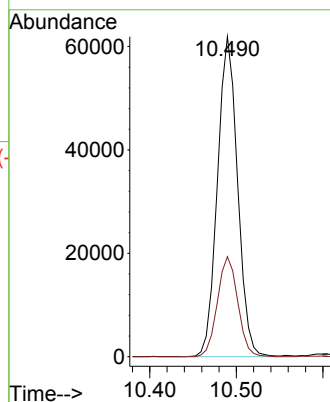
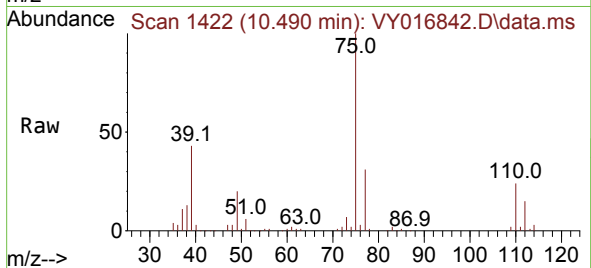
ClientSampleId :

Tgt Ion: 75 Resp: 99980

Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 54.657 ug/l

RT: 9.953 min Scan# 1334

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

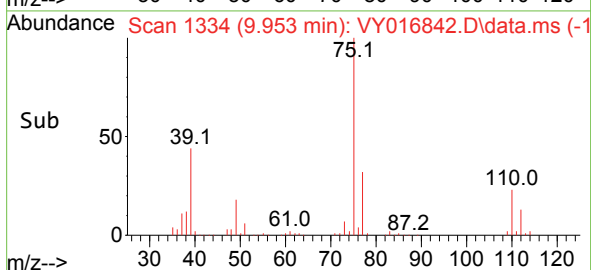
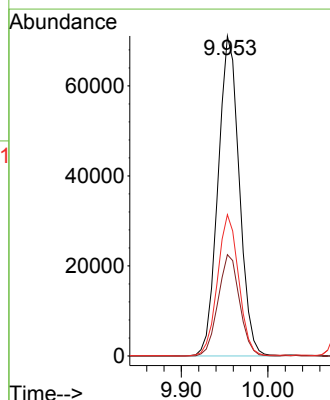
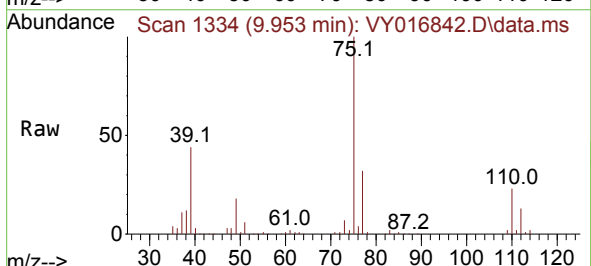
Tgt Ion: 75 Resp: 121178

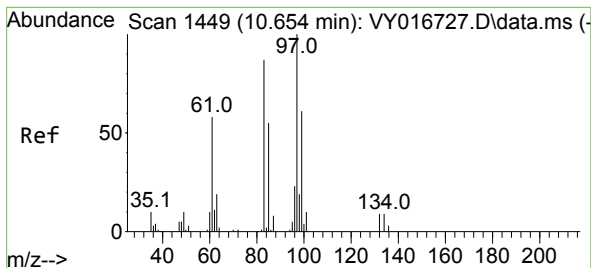
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 44.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 55.684 ug/l

RT: 10.673 min Scan# 1449

Delta R.T. 0.018 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 60761

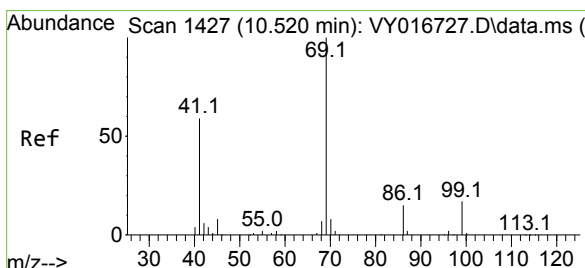
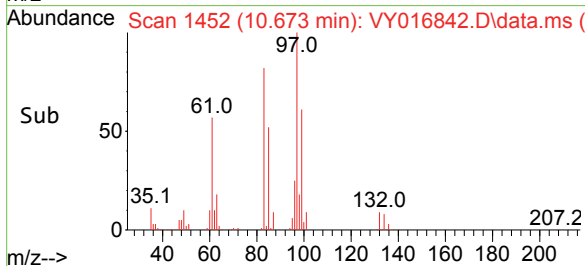
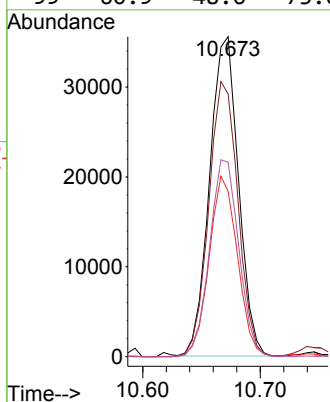
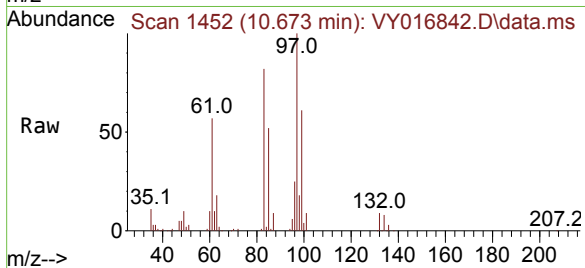
Ion Ratio Lower Upper

97 100

83 82.0 69.4 104.2

85 51.6 43.9 65.9

99 60.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 58.280 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

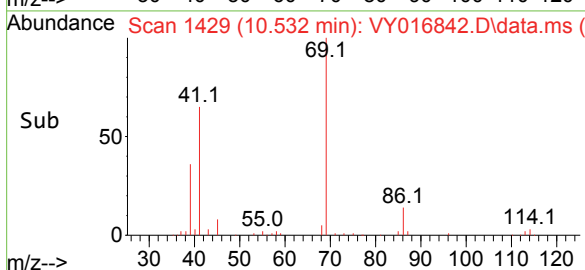
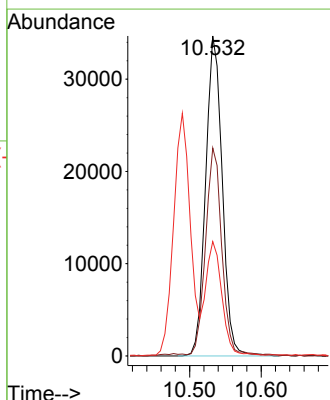
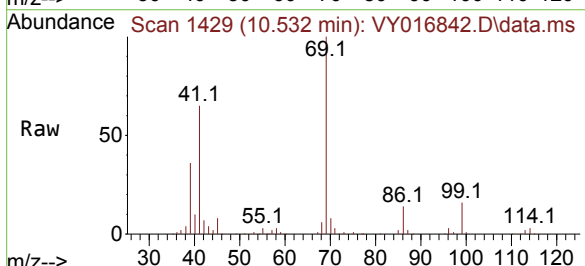
Tgt Ion: 69 Resp: 55921

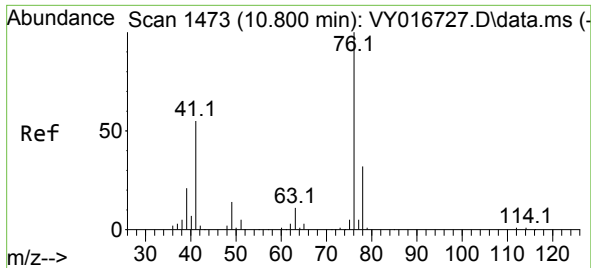
Ion Ratio Lower Upper

69 100

41 62.8 49.2 73.8

39 34.2 26.8 40.2

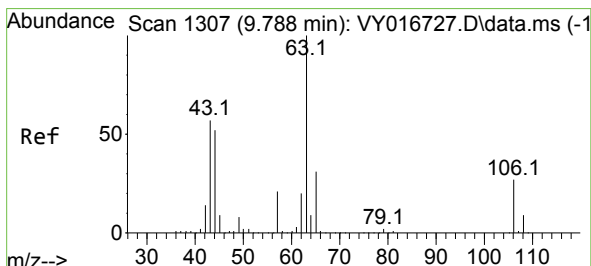
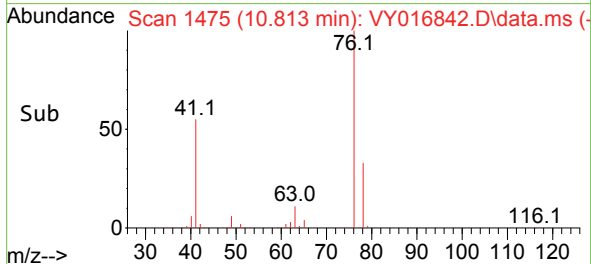
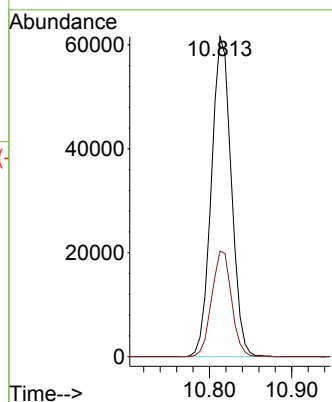
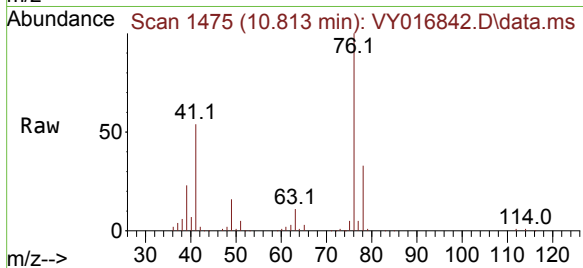




#57
1,3-Dichloropropane
Concen: 55.978 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.013 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

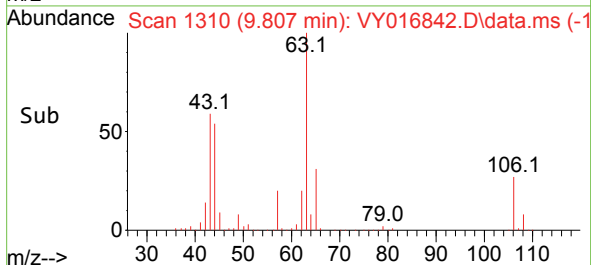
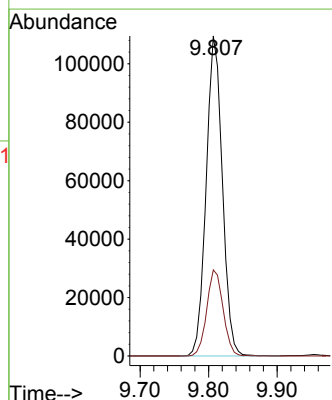
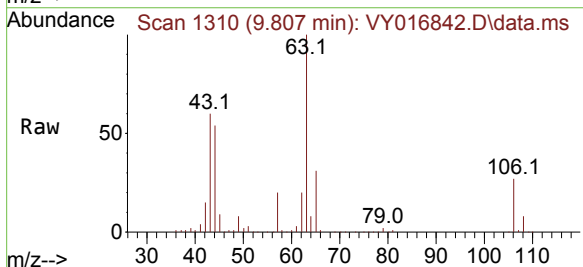
Instrument :
MSVOA_Y
ClientSampleId :

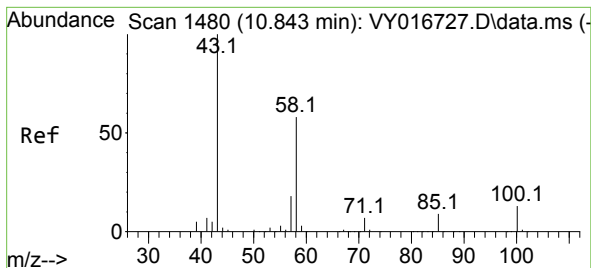
Tgt Ion: 76 Resp: 103750
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 348.662 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 63 Resp: 179971
Ion Ratio Lower Upper
63 100
106 27.1 22.4 33.6





#59

2-Hexanone

Concen: 264.157 ug/l

RT: 10.855 min Scan# 1480

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

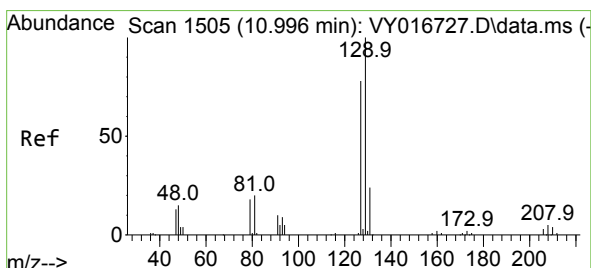
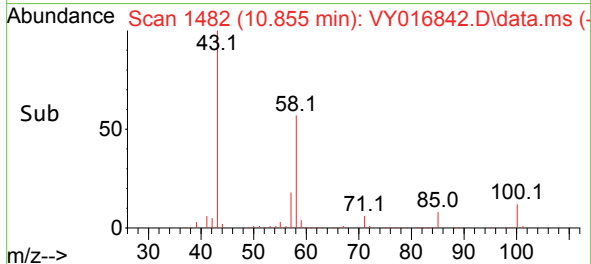
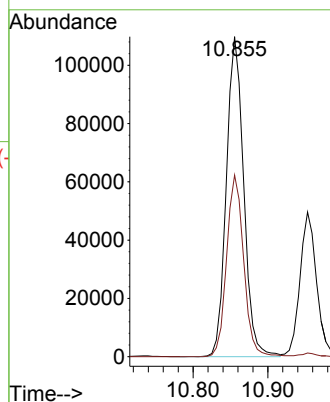
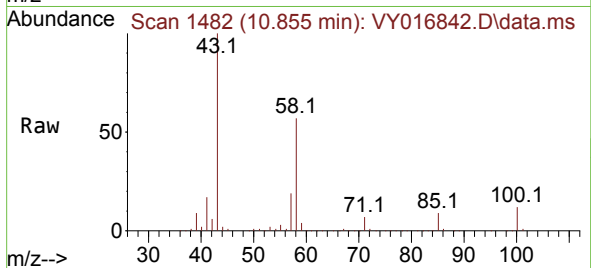
ClientSampleId :

Tgt Ion: 43 Resp: 177187

Ion Ratio Lower Upper

43 100

58 55.8 28.1 84.3



#60

Dibromochloromethane

Concen: 54.758 ug/l

RT: 11.008 min Scan# 1507

Delta R.T. 0.012 min

Lab File: VY016842.D

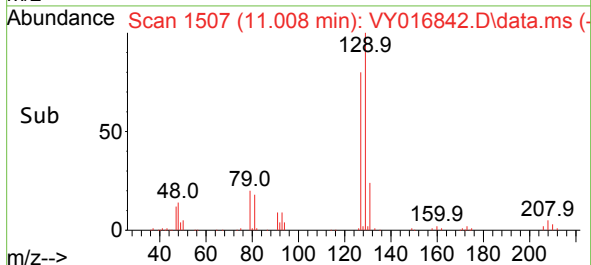
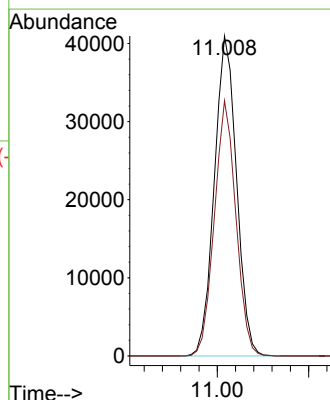
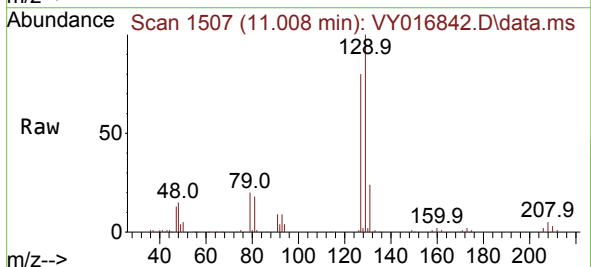
Acq: 23 Dec 2023 06:17

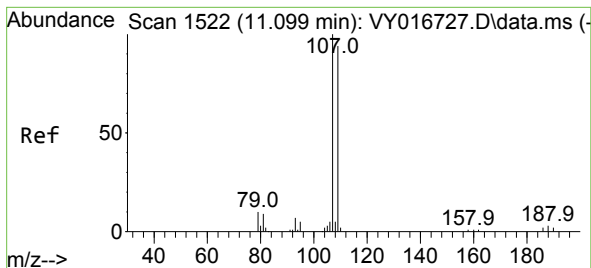
Tgt Ion:129 Resp: 69120

Ion Ratio Lower Upper

129 100

127 77.3 39.2 117.6

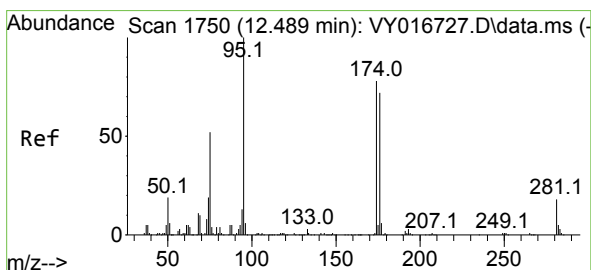
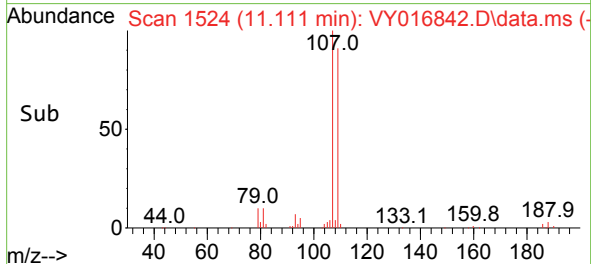
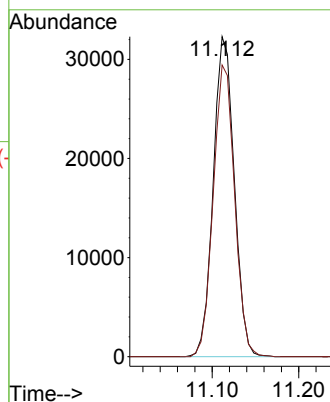
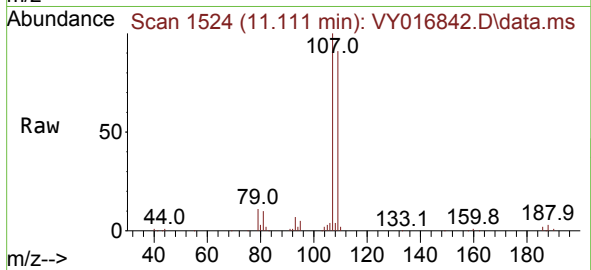




#61
1,2-Dibromoethane
Concen: 55.589 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

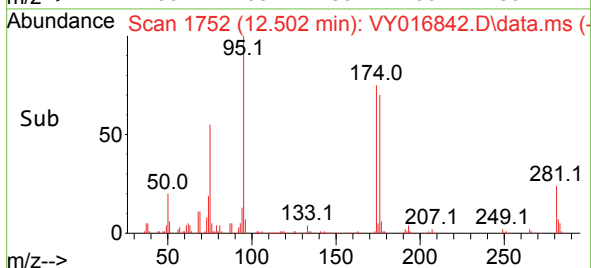
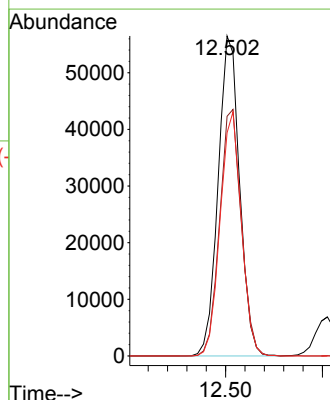
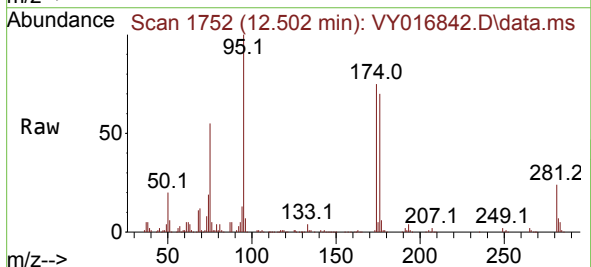
Instrument :
MSVOA_Y
ClientSampleId :

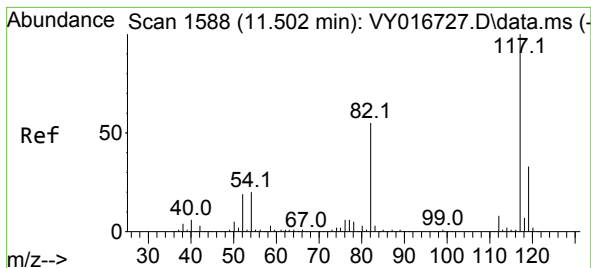
Tgt Ion:107 Resp: 54398
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 58.760 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 95 Resp: 86936
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.0
176 75.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

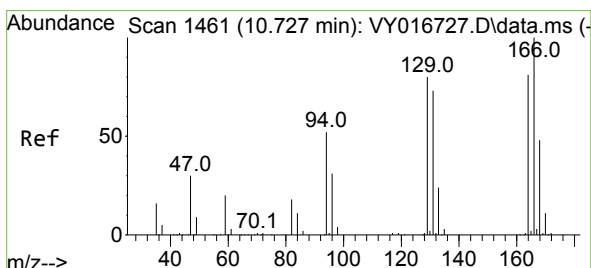
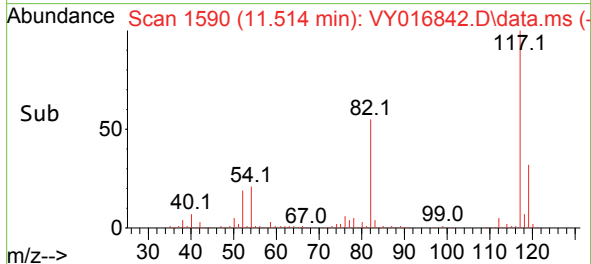
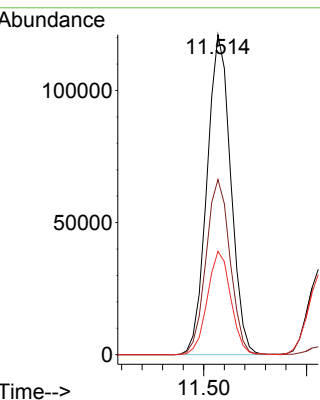
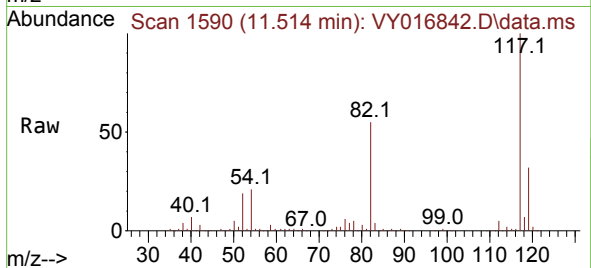
Tgt Ion:117 Resp: 194277

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

119 32.3 26.5 39.7



#64

Tetrachloroethene

Concen: 51.750 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.018 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Tgt Ion:164 Resp: 62454

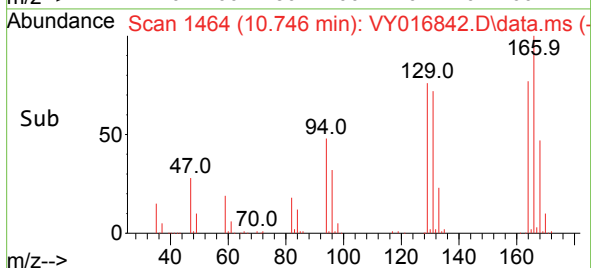
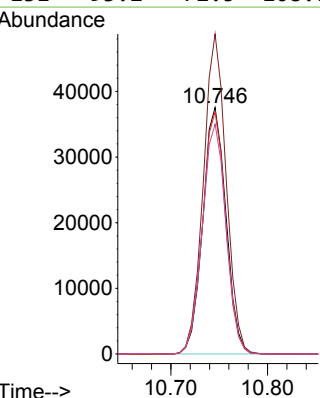
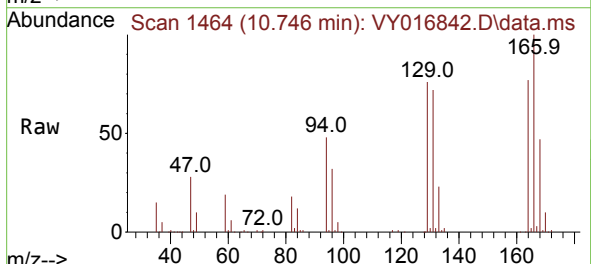
Ion Ratio Lower Upper

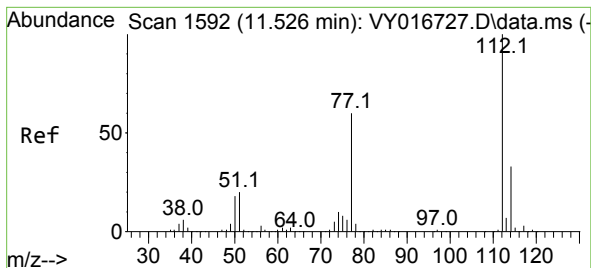
164 100

166 129.9 98.8 148.2

129 98.2 78.9 118.3

131 93.2 72.5 108.7





#65

Chlorobenzene

Concen: 52.531 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

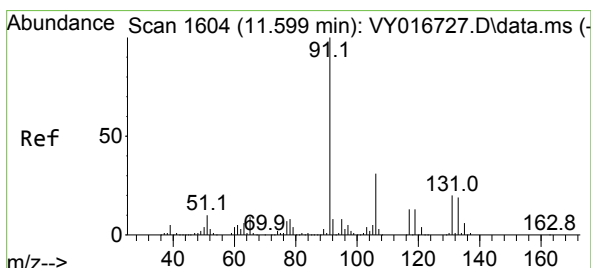
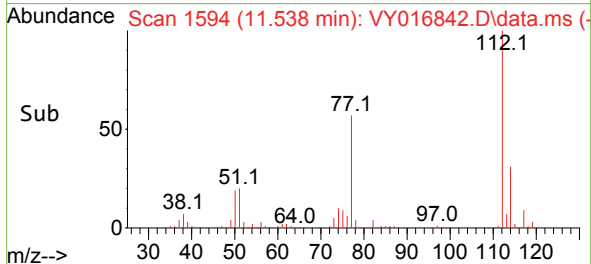
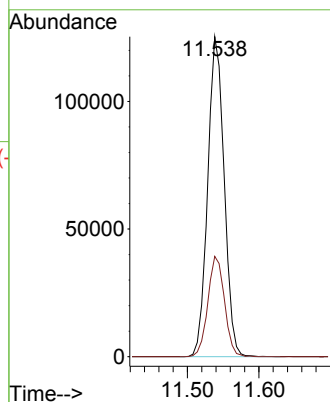
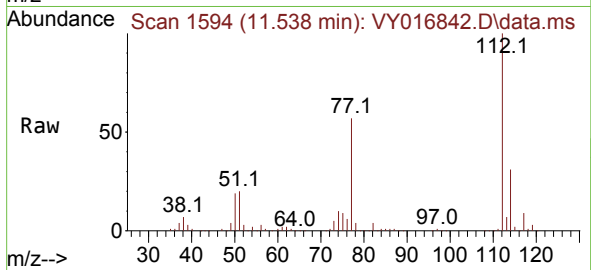
ClientSampleId :

Tgt Ion:112 Resp: 200511

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 52.024 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

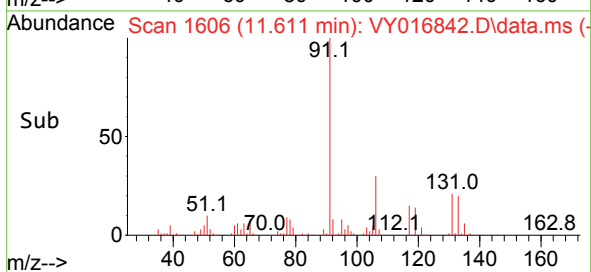
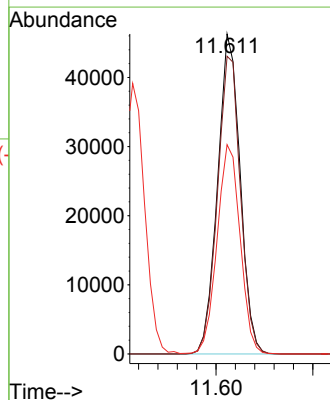
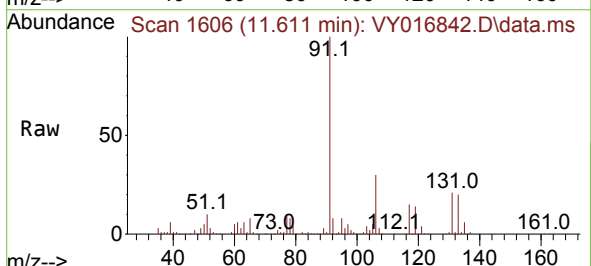
Tgt Ion:131 Resp: 74714

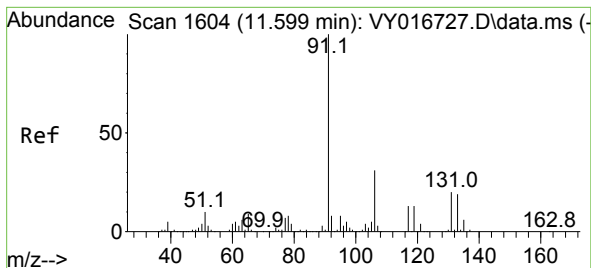
Ion Ratio Lower Upper

131 100

133 95.1 47.0 141.0

119 67.0 33.3 99.9





#67

Ethyl Benzene

Concen: 52.342 ug/l

RT: 11.618 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

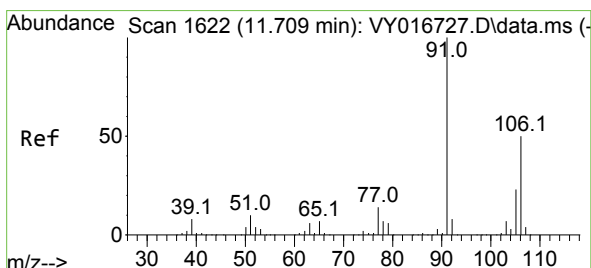
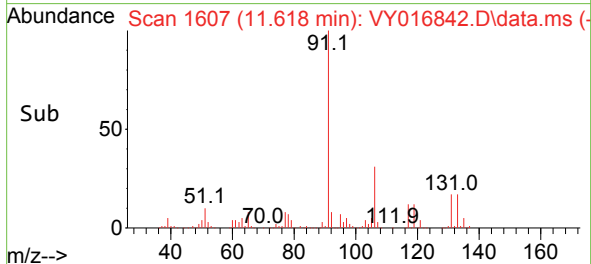
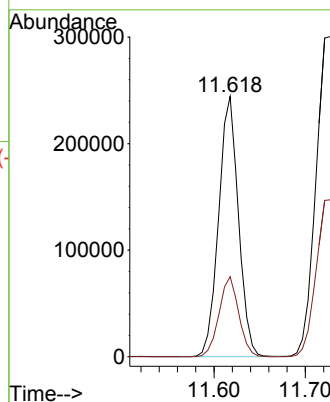
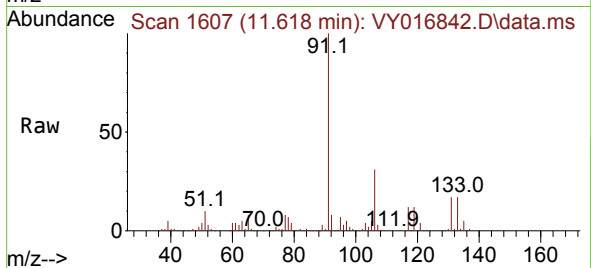
ClientSampleId :

Tgt Ion: 91 Resp: 367731

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 104.812 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY016842.D

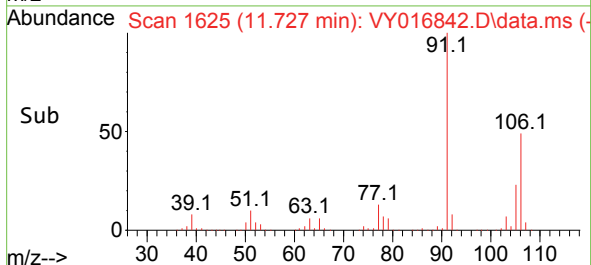
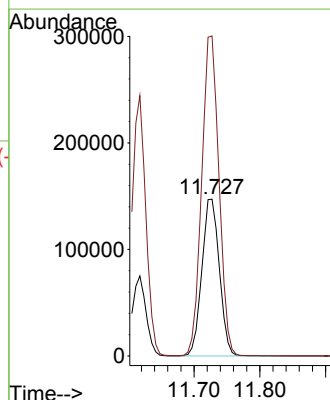
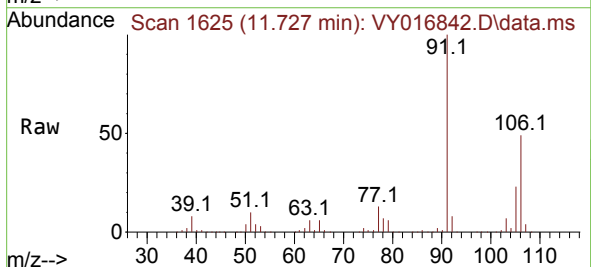
Acq: 23 Dec 2023 06:17

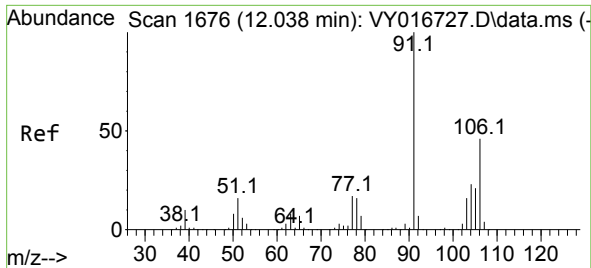
Tgt Ion:106 Resp: 271918

Ion Ratio Lower Upper

106 100

91 202.3 160.7 241.1

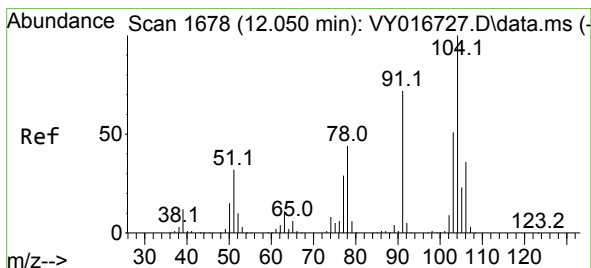
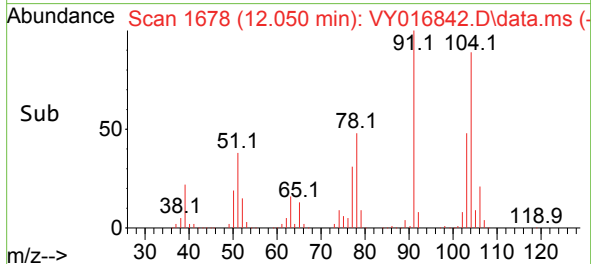
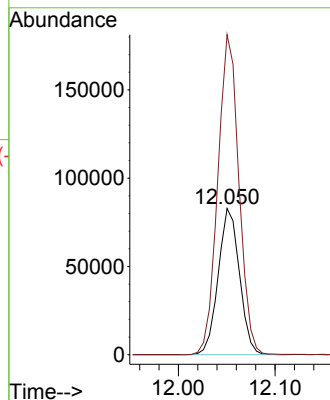
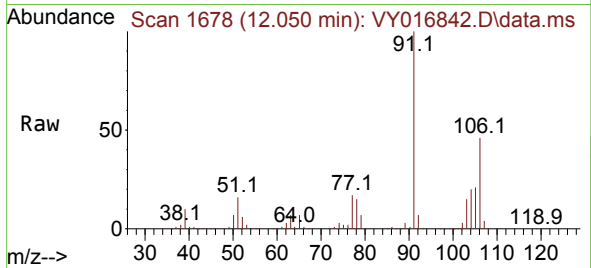




#69
o-Xylene
Concen: 52.995 ug/l
RT: 12.050 min Scan# 1681
Delta R.T. 0.012 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

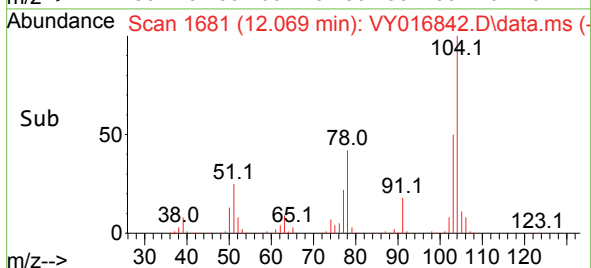
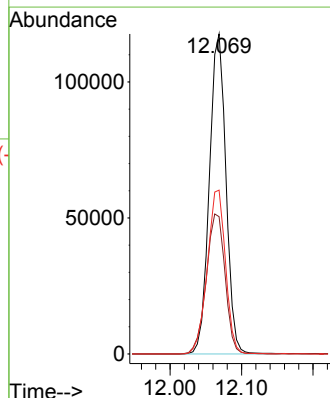
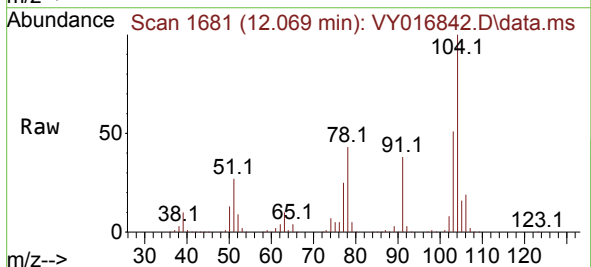
Instrument :
MSVOA_Y
ClientSampleId :

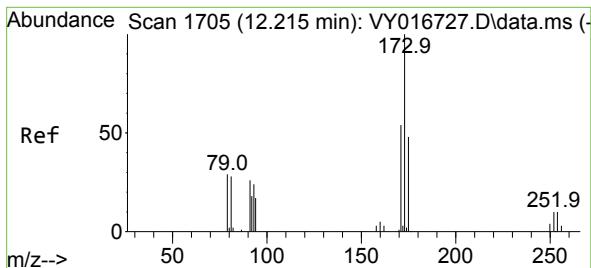
Tgt Ion:106 Resp: 126131
Ion Ratio Lower Upper
106 100
91 218.0 106.5 319.5



#70
Styrene
Concen: 53.850 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.018 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion:104 Resp: 189654
Ion Ratio Lower Upper
104 100
78 49.6 39.2 58.8
103 56.3 43.8 65.6





#71

Bromoform

Concen: 52.777 ug/l

RT: 12.233 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

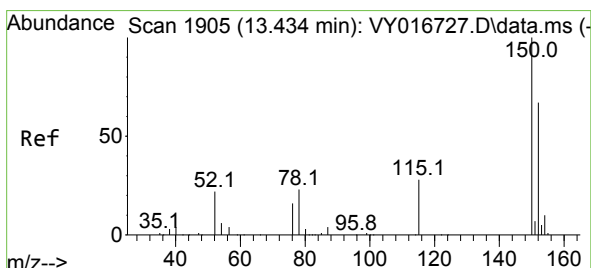
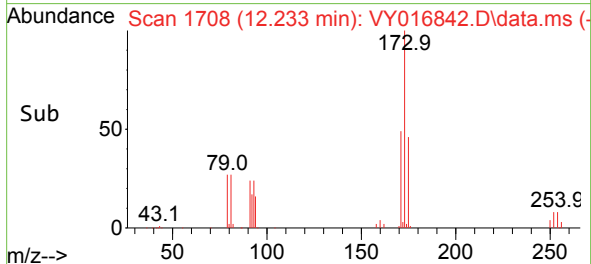
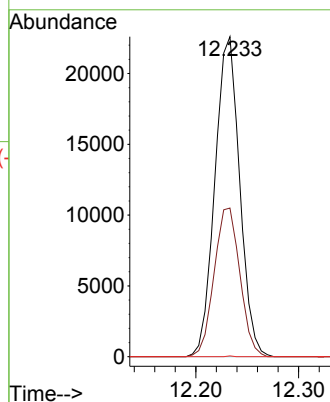
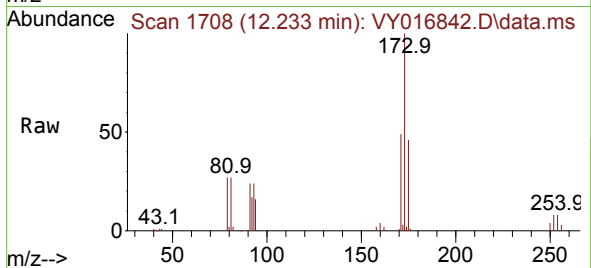
Tgt Ion:173 Resp: 37788

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

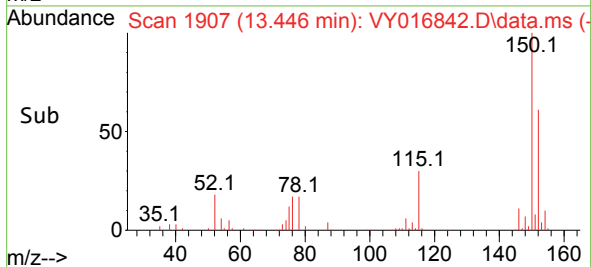
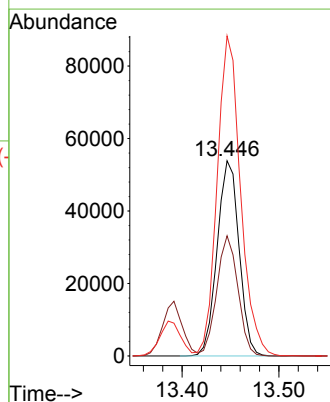
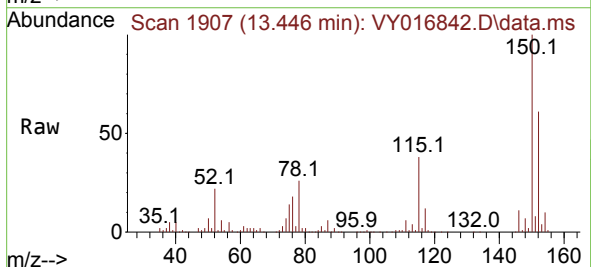
Tgt Ion:152 Resp: 84620

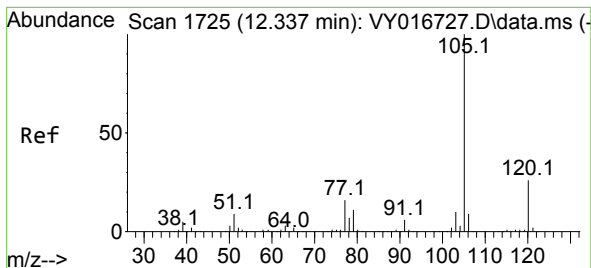
Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 175.2 0.0 344.6





#73

Isopropylbenzene

Concen: 51.712 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

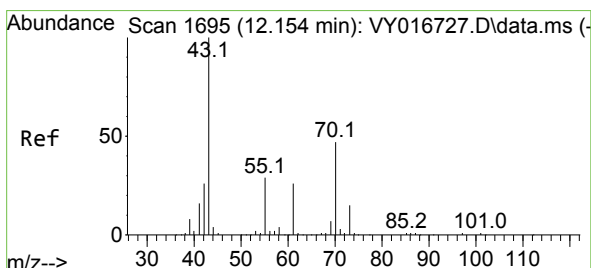
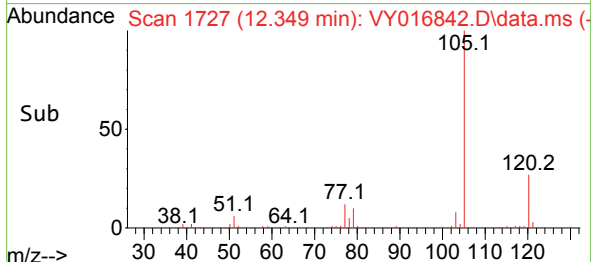
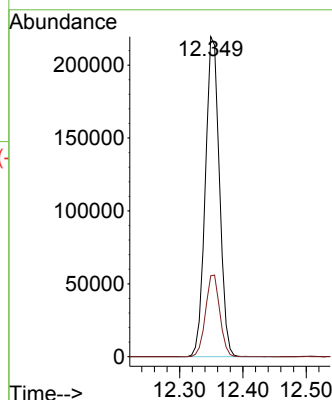
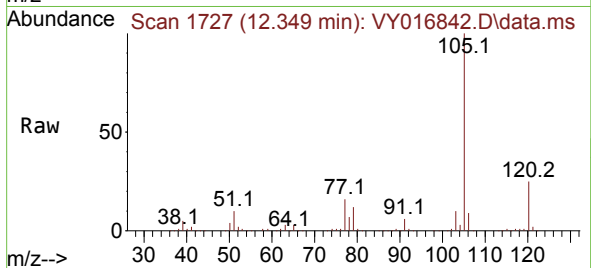
ClientSampleId :

Tgt Ion:105 Resp: 340796

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0



#74

N-ethyl acetate

Concen: 52.992 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Tgt Ion: 43 Resp: 73292

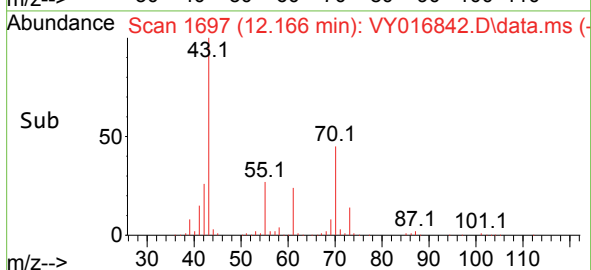
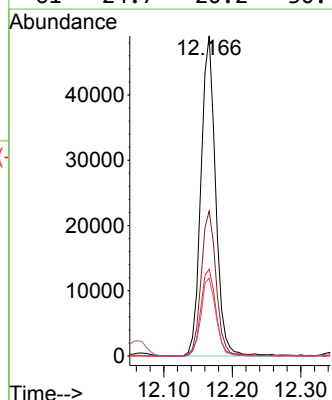
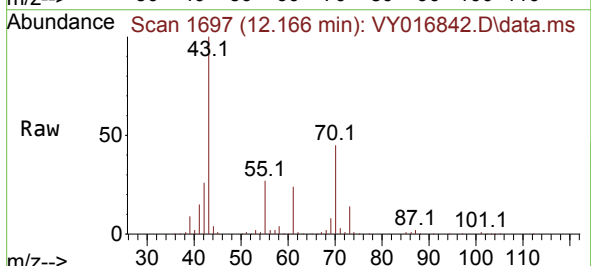
Ion Ratio Lower Upper

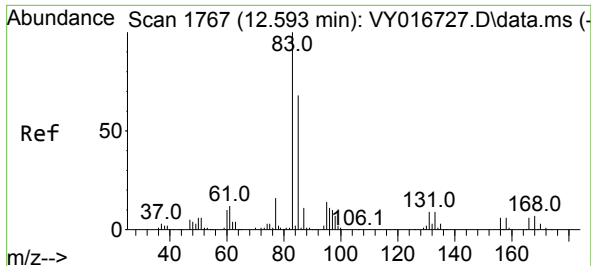
43 100

70 46.3 36.6 55.0

55 28.3 22.2 33.4

61 24.7 20.2 30.4

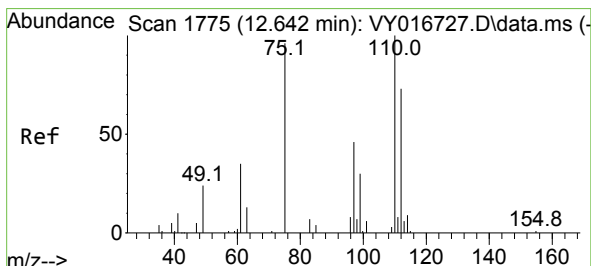
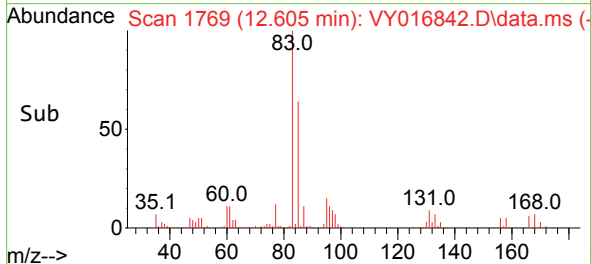
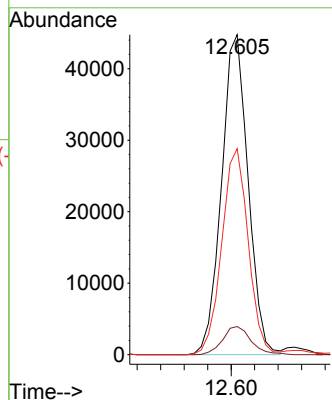
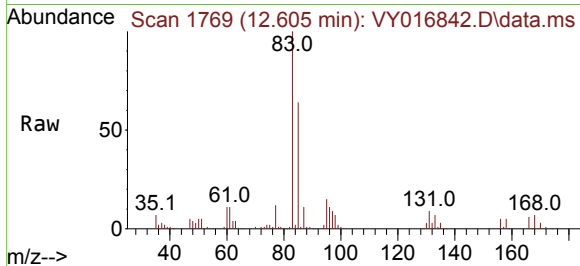




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.460 ug/l
 RT: 12.605 min Scan# 1769
 Delta R.T. 0.012 min
 Lab File: VY016842.D
 Acq: 23 Dec 2023 06:17

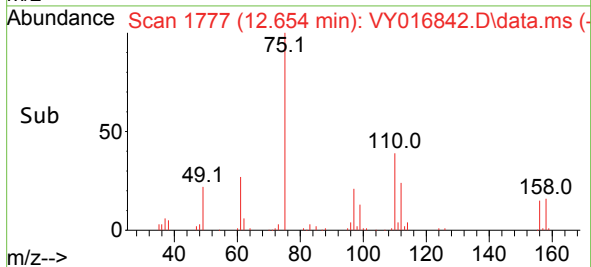
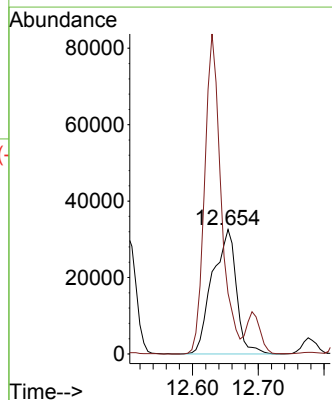
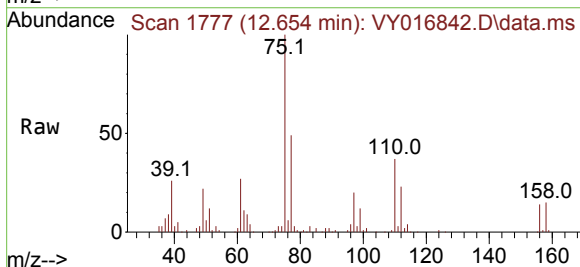
Instrument :
 MSVOA_Y
 ClientSampleId :

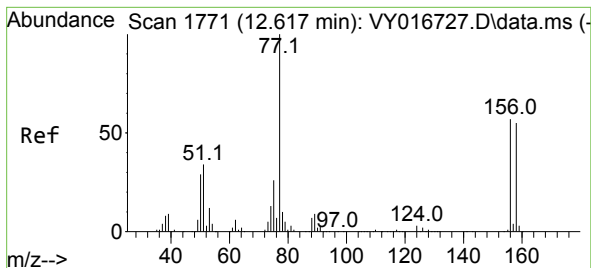
Tgt Ion: 83 Resp: 70405
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.9 14.6
 85 64.0 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 88.418 ug/l
 RT: 12.654 min Scan# 1777
 Delta R.T. 0.012 min
 Lab File: VY016842.D
 Acq: 23 Dec 2023 06:17

Tgt Ion: 75 Resp: 82709
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.035 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

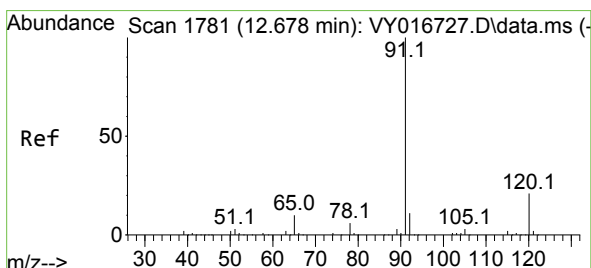
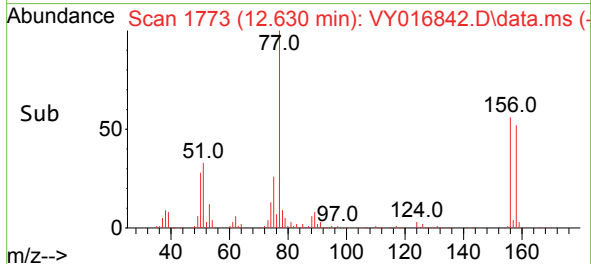
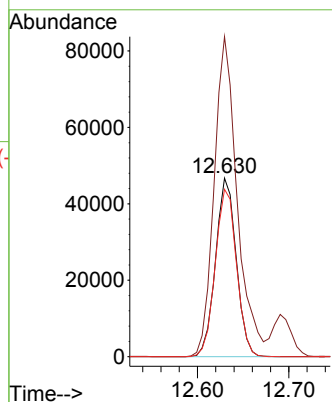
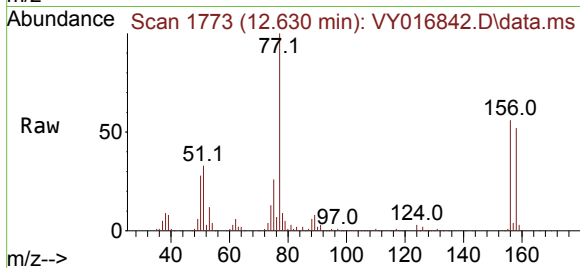
Tgt Ion:156 Resp: 73375

Ion Ratio Lower Upper

156 100

77 199.4 97.3 291.8

158 96.6 48.4 145.0



#78

n-propylbenzene

Concen: 51.308 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016842.D

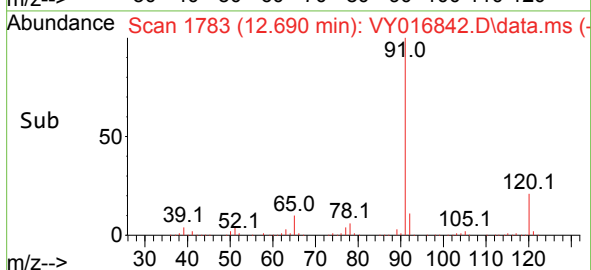
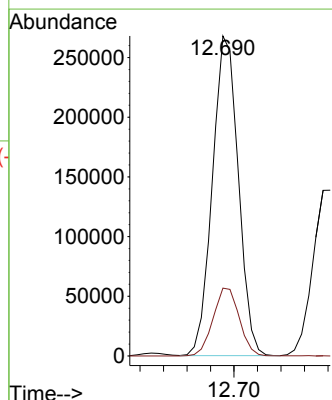
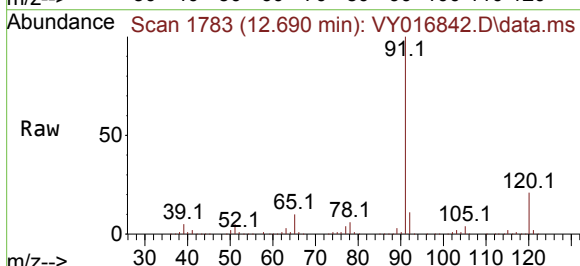
Acq: 23 Dec 2023 06:17

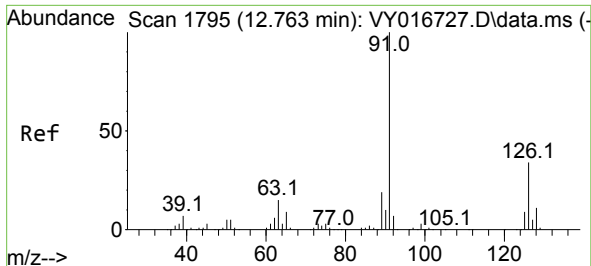
Tgt Ion: 91 Resp: 409685

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 51.330 ug/l

RT: 12.782 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

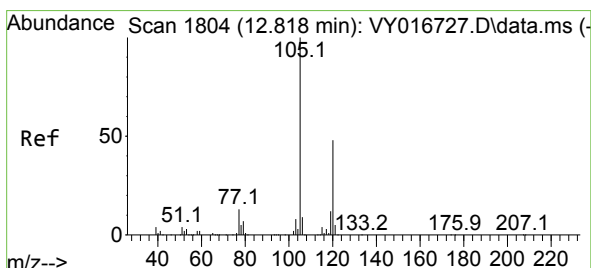
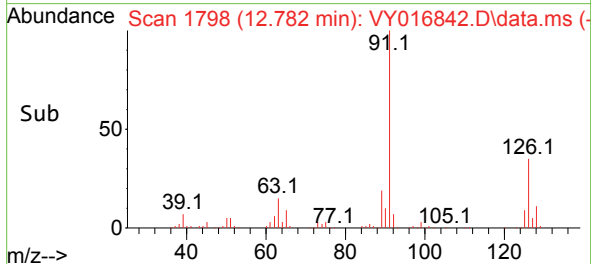
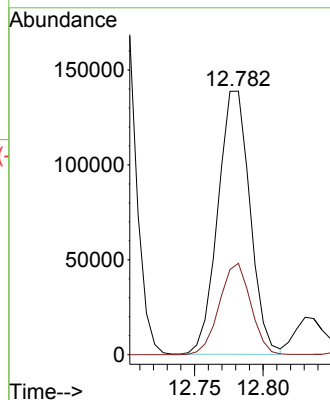
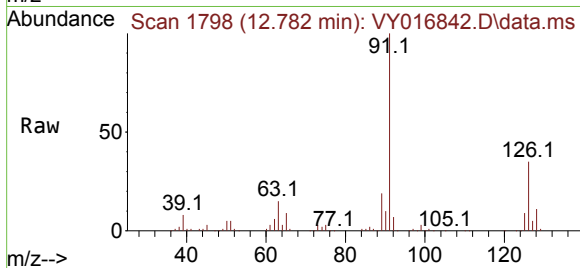
ClientSampleId :

Tgt Ion: 91 Resp: 226791

Ion Ratio Lower Upper

91 100

126 33.8 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 52.520 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.012 min

Lab File: VY016842.D

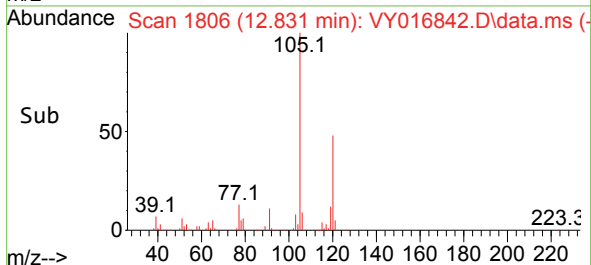
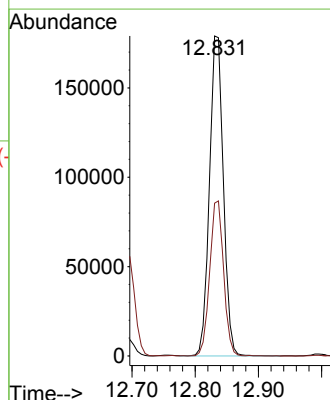
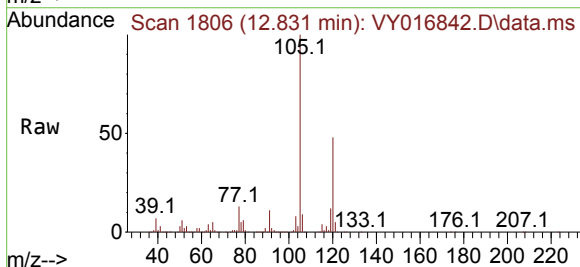
Acq: 23 Dec 2023 06:17

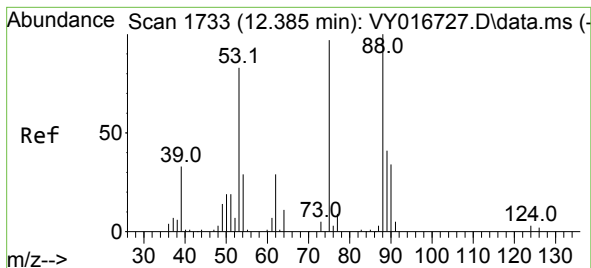
Tgt Ion:105 Resp: 273985

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

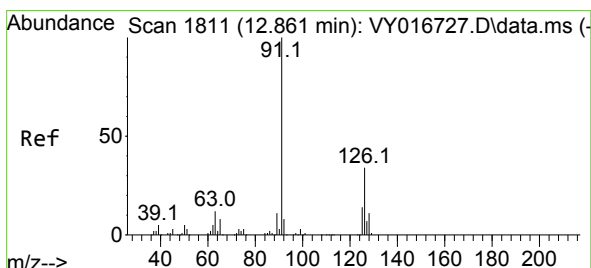
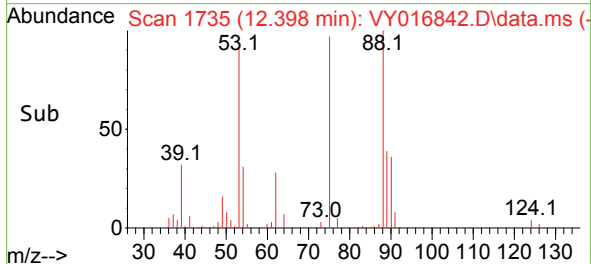
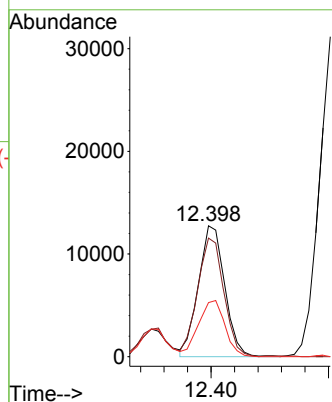
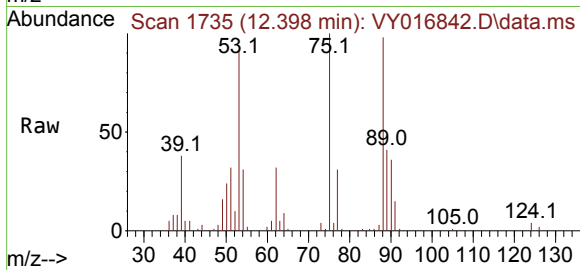




#81
trans-1,4-Dichloro-2-butene
Concen: 49.887 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

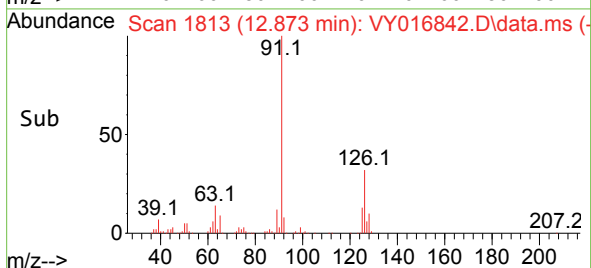
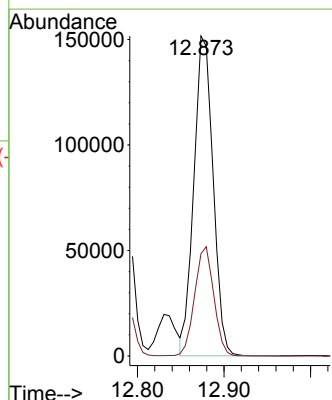
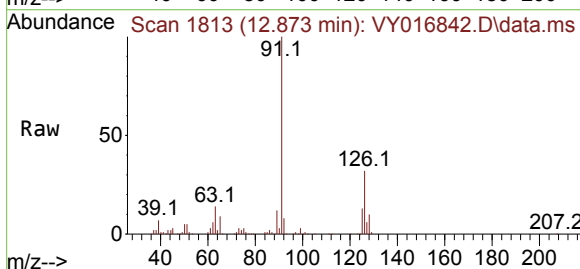
Instrument :
MSVOA_Y
ClientSampleId :

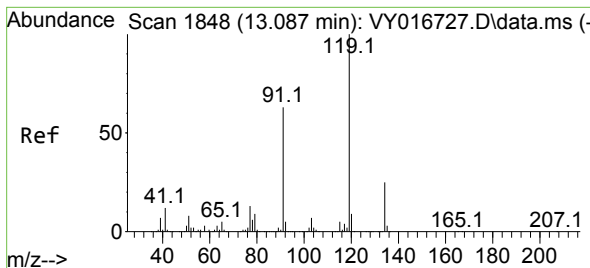
Tgt Ion: 75 Resp: 19871
Ion Ratio Lower Upper
75 100
53 90.5 74.0 111.0
89 43.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 51.660 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 91 Resp: 234160
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.179 ug/l

RT: 13.099 min Scan# 1850

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

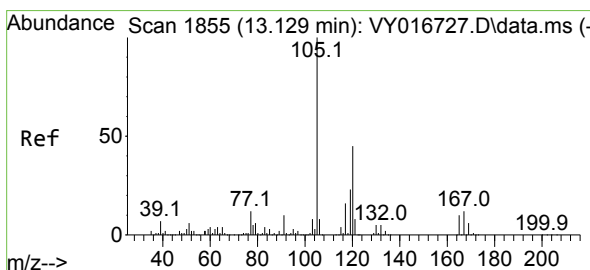
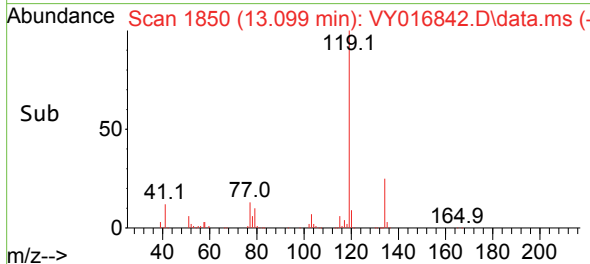
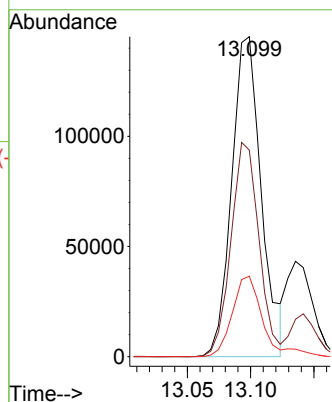
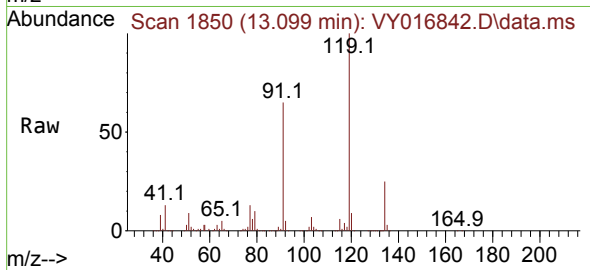
Tgt Ion:119 Resp: 236777

Ion Ratio Lower Upper

119 100

91 63.4 31.5 94.5

134 26.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 52.189 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016842.D

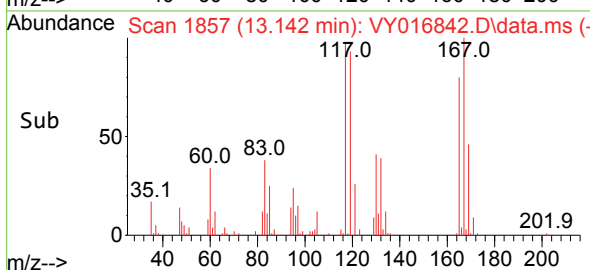
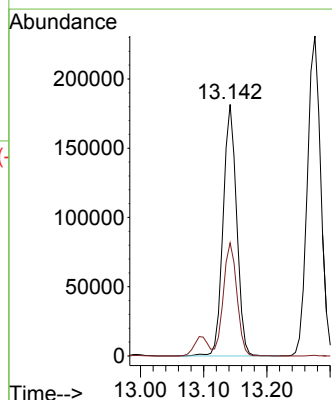
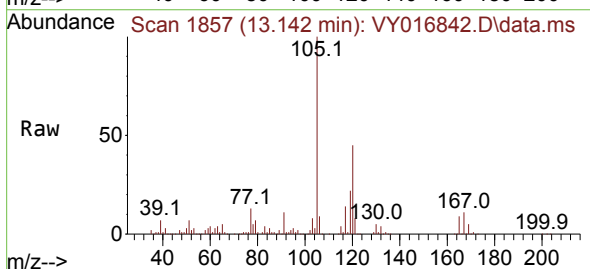
Acq: 23 Dec 2023 06:17

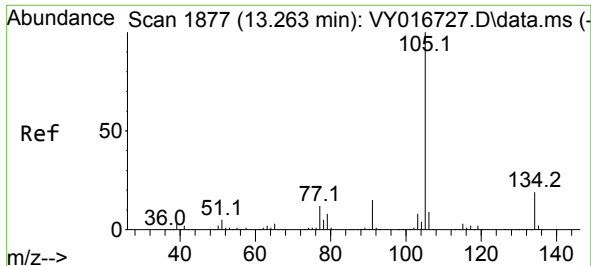
Tgt Ion:105 Resp: 268465

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3

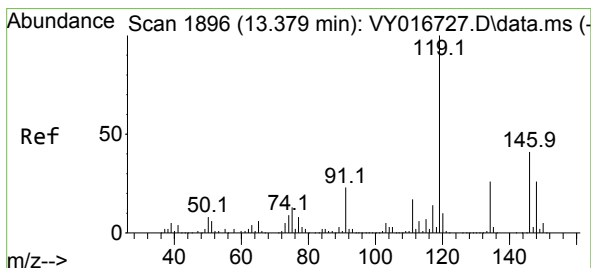
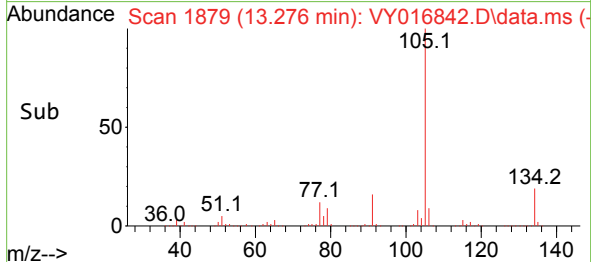
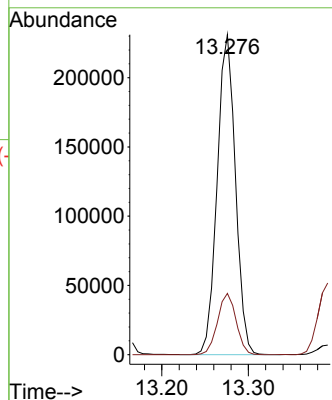
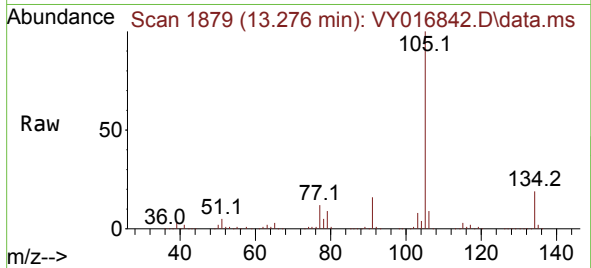




#85
 sec-Butylbenzene
 Concen: 50.311 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.012 min
 Lab File: VY016842.D
 Acq: 23 Dec 2023 06:17

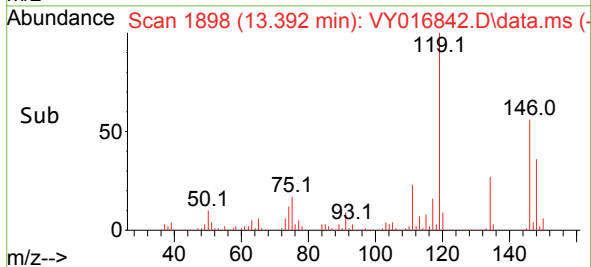
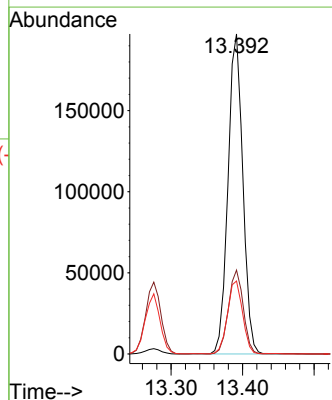
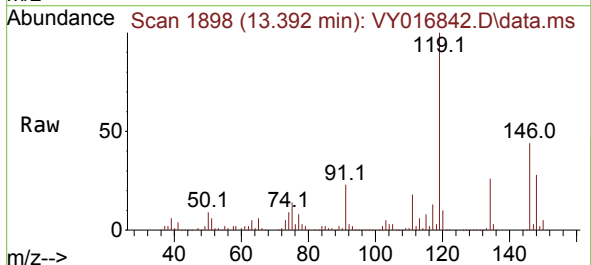
Instrument :
 MSVOA_Y
 ClientSampleId :

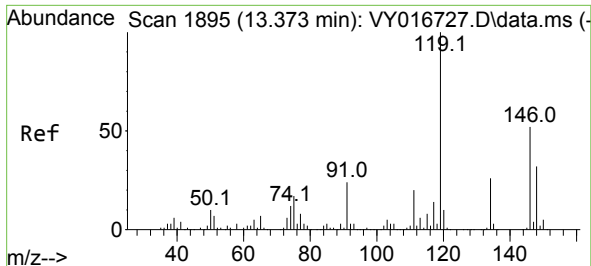
Tgt Ion:105 Resp: 338148
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.625 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.012 min
 Lab File: VY016842.D
 Acq: 23 Dec 2023 06:17

Tgt Ion:119 Resp: 283367
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.136 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

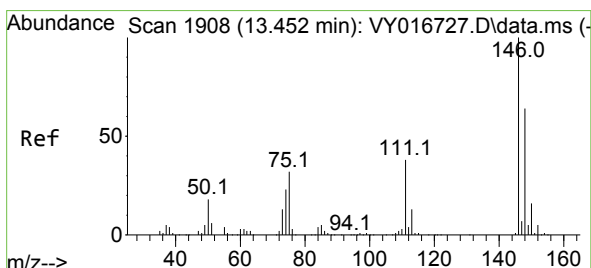
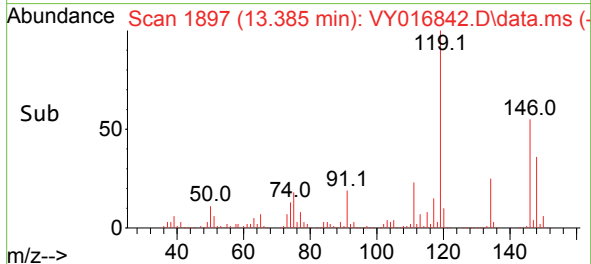
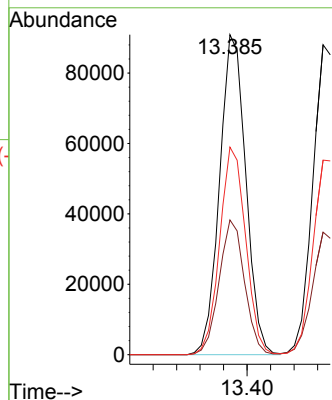
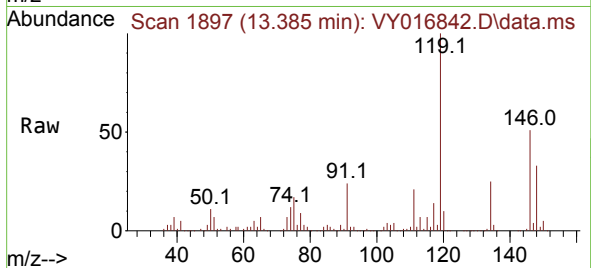
Tgt Ion:146 Resp: 140869

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.5

148 64.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 50.598 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

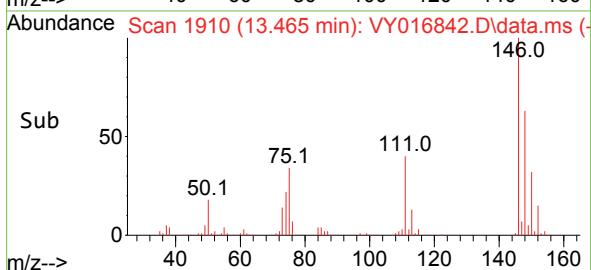
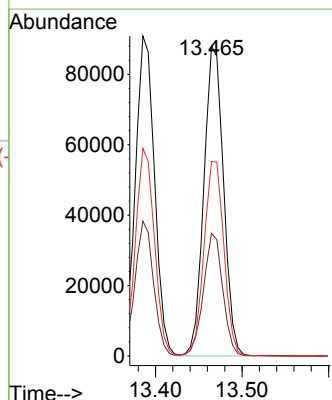
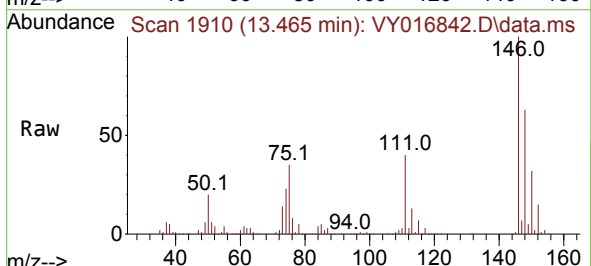
Tgt Ion:146 Resp: 138819

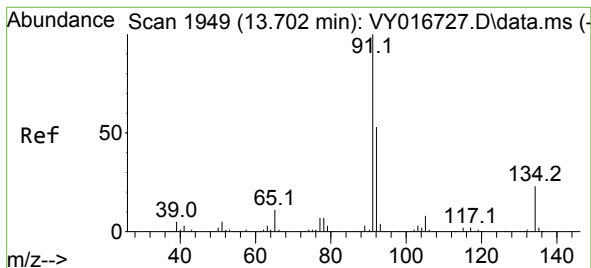
Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 49.960 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

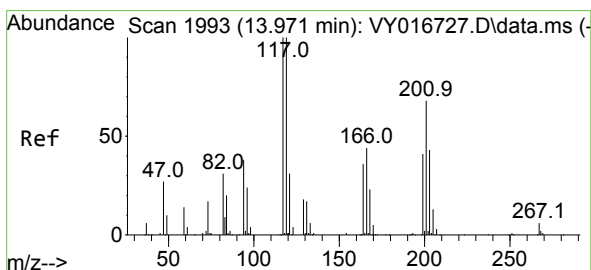
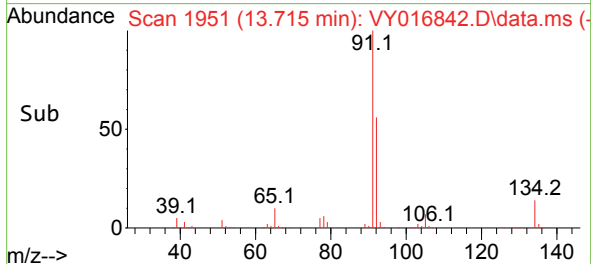
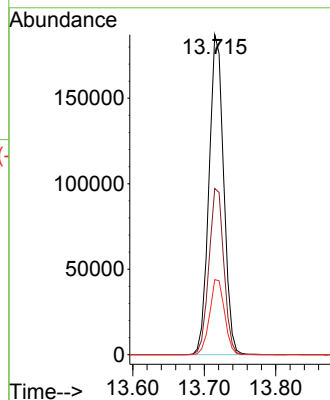
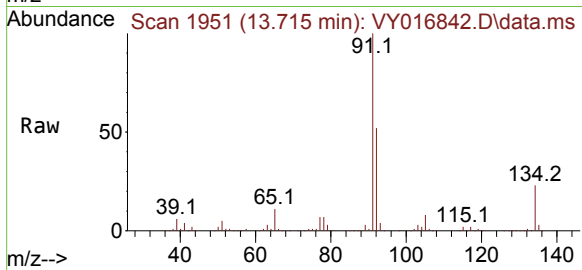
Tgt Ion: 91 Resp: 267321

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 23.9 12.3 36.8



#90

Hexachloroethane

Concen: 49.966 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016842.D

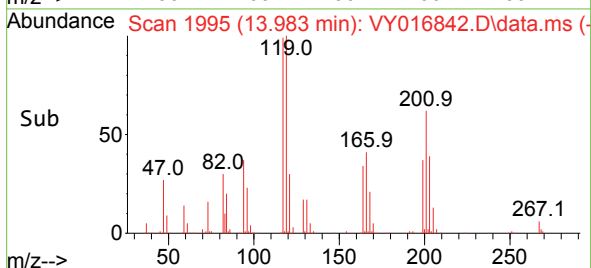
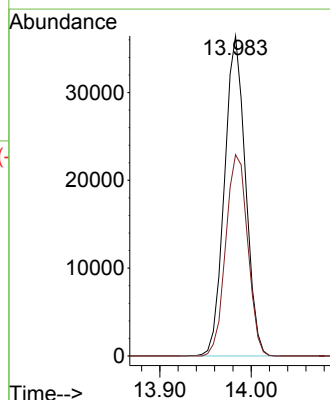
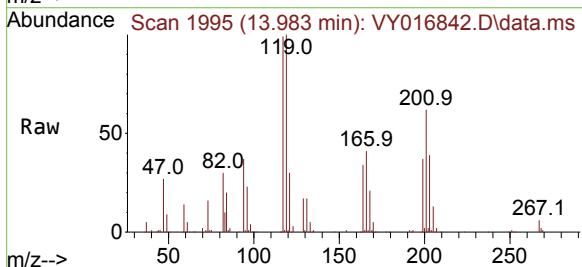
Acq: 23 Dec 2023 06:17

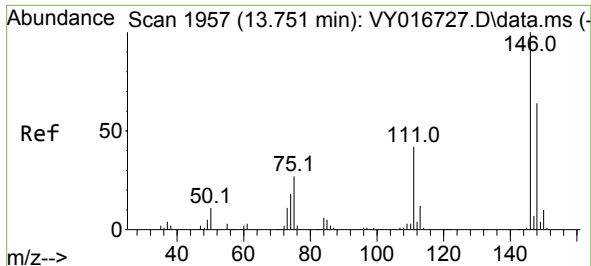
Tgt Ion: 117 Resp: 58237

Ion Ratio Lower Upper

117 100

201 65.6 33.4 100.1

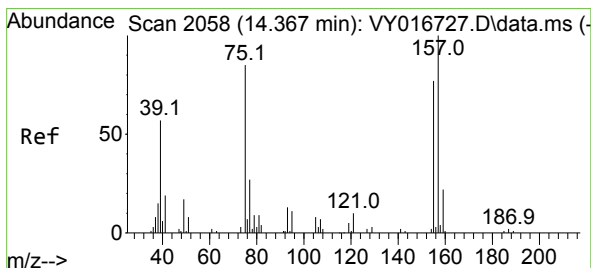
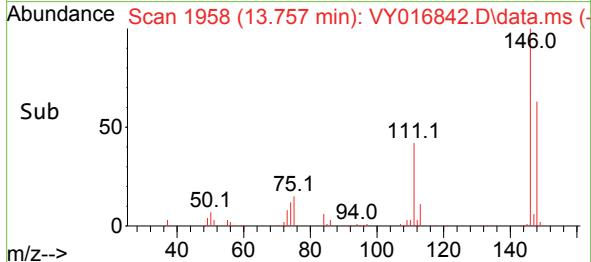
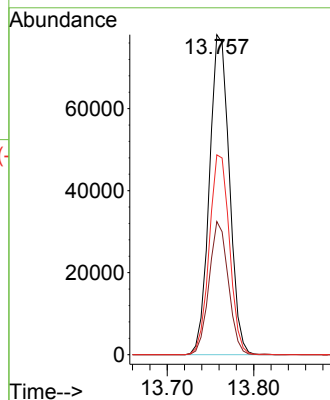
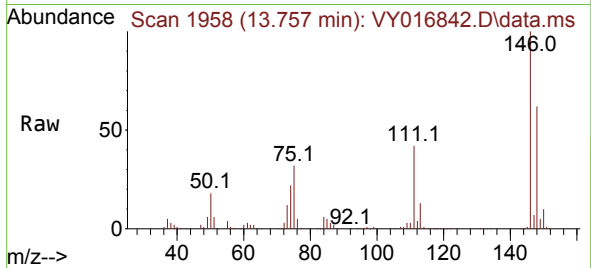




#91
1,2-Dichlorobenzene
Concen: 52.109 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

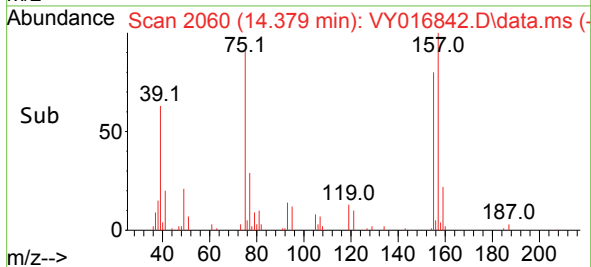
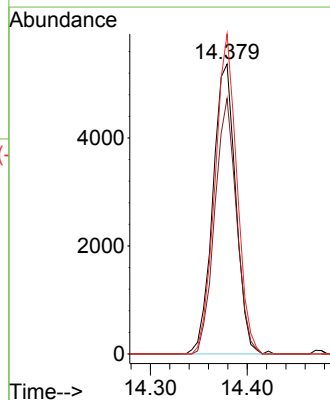
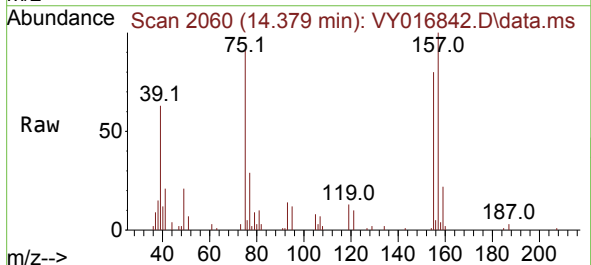
Instrument :
MSVOA_Y
ClientSampleId :

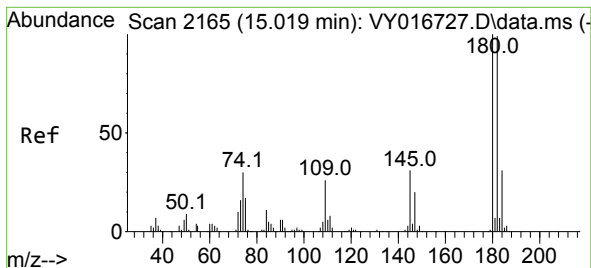
Tgt Ion:146 Resp: 124731
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.6
148 63.3 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.636 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.012 min
Lab File: VY016842.D
Acq: 23 Dec 2023 06:17

Tgt Ion: 75 Resp: 8815
Ion Ratio Lower Upper
75 100
155 83.5 42.1 126.3
157 105.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 48.785 ug/l

RT: 15.032 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

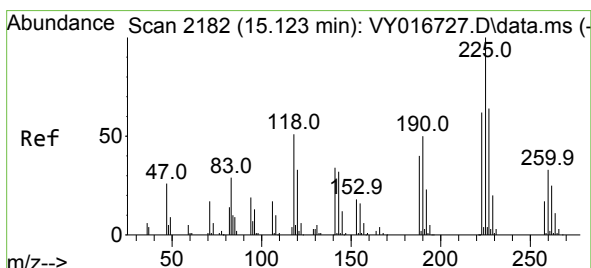
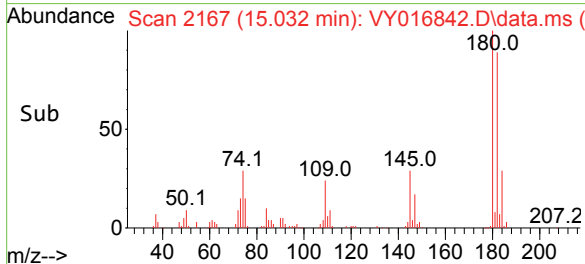
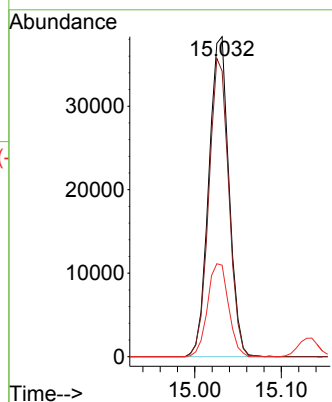
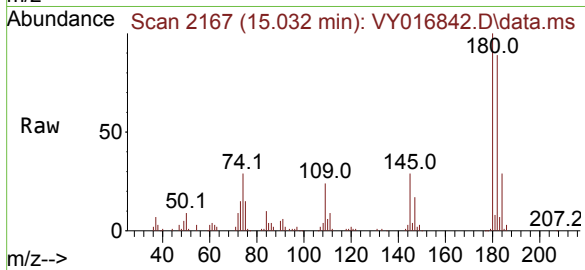
Tgt Ion:180 Resp: 61962

Ion Ratio Lower Upper

180 100

182 92.2 47.9 143.7

145 30.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 45.975 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

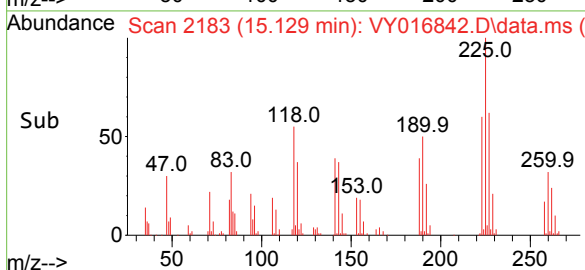
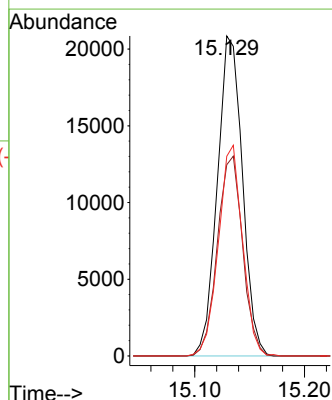
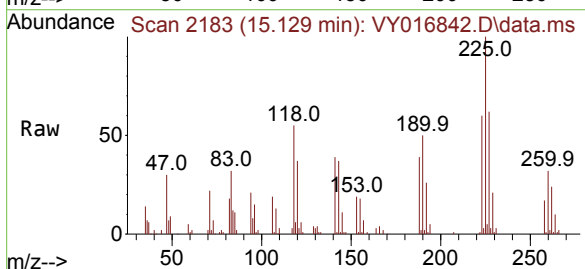
Tgt Ion:225 Resp: 33166

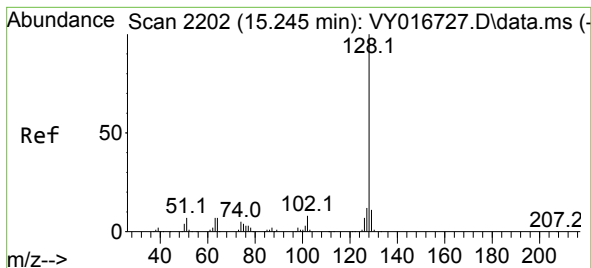
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.3

227 63.4 32.3 96.8





#95

Naphthalene

Concen: 45.652 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Instrument :

MSVOA_Y

ClientSampleId :

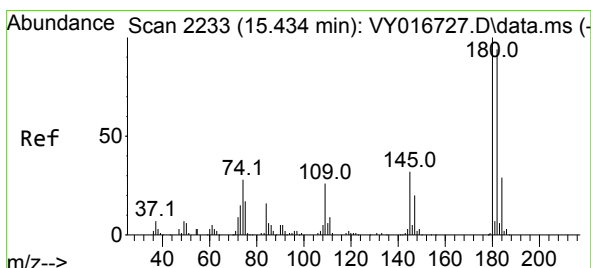
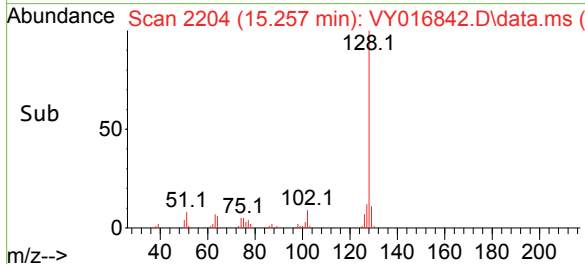
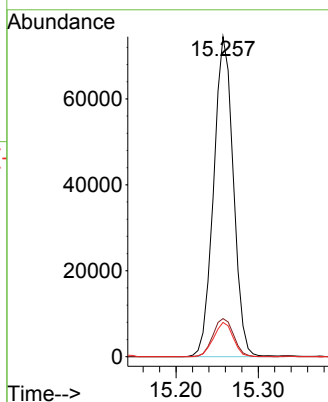
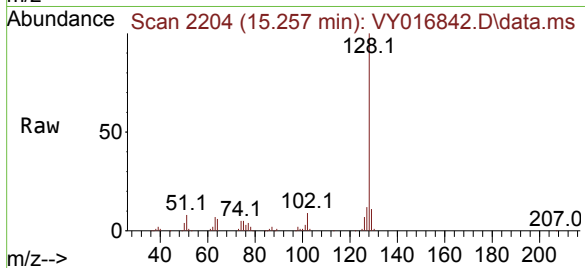
Tgt Ion:128 Resp: 123899

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.897 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016842.D

Acq: 23 Dec 2023 06:17

Tgt Ion:180 Resp: 52892

Ion Ratio Lower Upper

180 100

182 95.4 46.3 138.8

145 33.0 16.1 48.2

