

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
 Data File : VY016661.D
 Acq On : 15 Dec 2023 19:07
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 00:45:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	249869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	392483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	344834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94292	46.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.380%
35) Dibromofluoromethane	7.722	113	99037	47.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.080%
50) Toluene-d8	10.185	98	378370	45.768	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.540%
62) 4-Bromofluorobenzene	12.489	95	123503	45.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	106087	54.477	ug/l	99
3) Chloromethane	2.113	50	161447	53.200	ug/l	96
4) Vinyl Chloride	2.253	62	189241	54.322	ug/l	97
5) Bromomethane	2.656	94	128772	51.645	ug/l	98
6) Chloroethane	2.796	64	120396	53.134	ug/l	97
7) Trichlorofluoromethane	3.131	101	206443	53.057	ug/l	97
8) Diethyl Ether	3.528	74	66176	54.447	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	127863	53.134	ug/l	95
10) Methyl Iodide	4.095	142	139208	55.583	ug/l	95
11) Tert butyl alcohol	4.954	59	41404	251.084	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	124516	54.887	ug/l	88
13) Acrolein	3.729	56	26060	218.252	ug/l	100
14) Allyl chloride	4.485	41	165903	53.938	ug/l #	93
15) Acrylonitrile	5.168	53	136420	269.716	ug/l	96
16) Acetone	3.948	43	120029	248.560	ug/l #	88
17) Carbon Disulfide	4.198	76	383923	53.508	ug/l	99
18) Methyl Acetate	4.479	43	104383	54.697	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	301373	56.658	ug/l	100
20) Methylene Chloride	4.722	84	141897	56.050	ug/l #	86
21) trans-1,2-Dichloroethene	5.228	96	143321	54.226	ug/l	92
22) Diisopropyl ether	6.125	45	371371	56.337	ug/l	89
23) Vinyl Acetate	6.064	43	911709	280.689	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	230254	53.526	ug/l	96
25) 2-Butanone	6.990	43	175017	255.113	ug/l	92
26) 2,2-Dichloropropane	6.984	77	206365	54.034	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	158450	55.513	ug/l	90
28) Bromochloromethane	7.344	49	86949	56.714	ug/l	89
29) Tetrahydrofuran	7.356	42	109882	276.616	ug/l #	87
30) Chloroform	7.509	83	242938	54.303	ug/l	94
31) Cyclohexane	7.795	56	210653	52.214	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	218370	54.409	ug/l	97
36) 1,1-Dichloropropene	7.923	75	190999	54.776	ug/l	98
37) Ethyl Acetate	7.082	43	77652	54.039	ug/l #	95
38) Carbon Tetrachloride	7.905	117	196551	56.117	ug/l	96
39) Methylcyclohexane	9.191	83	247005	56.361	ug/l	90
40) Benzene	8.167	78	554401	54.249	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	40384	55.792	ug/l #	91
42) 1,2-Dichloroethane	8.240	62	144102	55.170	ug/l	92
43) Isopropyl Acetate	8.277	43	149011	56.424	ug/l #	90
44) Trichloroethene	8.947	130	156259	54.900	ug/l	97
45) 1,2-Dichloropropane	9.222	63	131892	55.243	ug/l	100
46) Dibromomethane	9.313	93	73775	55.876	ug/l	97
47) Bromodichloromethane	9.502	83	185094	55.483	ug/l	99
48) Methyl methacrylate	9.295	41	84776	57.971	ug/l	85
49) 1,4-Dioxane	9.307	88	15564	1100.425	ug/l #	69
51) 4-Methyl-2-Pentanone	10.075	43	383220	276.679	ug/l	89
52) Toluene	10.252	92	352172	55.014	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	178580	56.744	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	210498	55.630	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	101749	54.845	ug/l	97
56) Ethyl methacrylate	10.514	69	94678	58.862	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	173287	56.125	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	232929	210.514	ug/l	94
59) 2-Hexanone	10.837	43	273440	240.637	ug/l	86
60) Dibromochloromethane	10.990	129	123304	54.842	ug/l	99
61) 1,2-Dibromoethane	11.093	107	97069	55.748	ug/l	99
64) Tetrachloroethene	10.727	164	153420	54.306	ug/l	98
65) Chlorobenzene	11.520	112	368773	54.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	137465	55.883	ug/l	99
67) Ethyl Benzene	11.599	91	671088	55.458	ug/l	98
68) m/p-Xylenes	11.709	106	524053	112.257	ug/l	91
69) o-Xylene	12.032	106	242409	56.770	ug/l	94
70) Styrene	12.050	104	356053	57.553	ug/l	96
71) Bromoform	12.209	173	74494	55.843	ug/l #	98
73) Isopropylbenzene	12.337	105	644137	55.542	ug/l	99
74) N-amyl acetate	12.148	43	123061	56.614	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.587	83	105820	53.634	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	139488	92.360	ug/l #	100
77) Bromobenzene	12.611	156	148911	54.805	ug/l	92
78) n-propylbenzene	12.678	91	760601	54.870	ug/l	98
79) 2-Chlorotoluene	12.764	91	417055	54.789	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	523691	56.474	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	35411	53.581	ug/l	91
82) 4-Chlorotoluene	12.861	91	428320	54.414	ug/l	97
83) tert-Butylbenzene	13.081	119	444797	54.970	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	513688	55.855	ug/l	98
85) sec-Butylbenzene	13.258	105	663211	55.858	ug/l	100
86) p-Isopropyltoluene	13.373	119	578018	57.020	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	289614	54.841	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	286077	55.091	ug/l	100
89) n-Butylbenzene	13.703	91	531810	56.472	ug/l	97
90) Hexachloroethane	13.965	117	107419	53.239	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	251785	55.566	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15443	54.079	ug/l	84
93) 1,2,4-Trichlorobenzene	15.013	180	143146	58.481	ug/l	99
94) Hexachlorobutadiene	15.117	225	78670	53.546	ug/l	98
95) Naphthalene	15.239	128	263279	60.185	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	118652	58.805	ug/l	99

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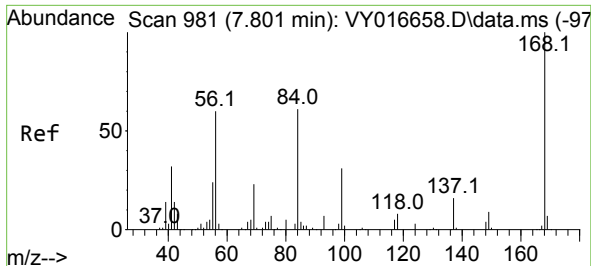
Quant Time: Dec 16 00:45:54 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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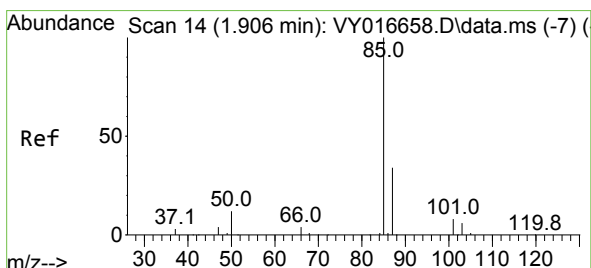
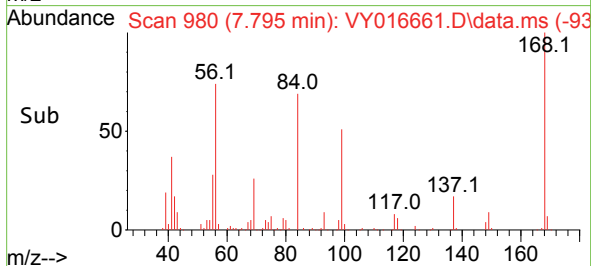
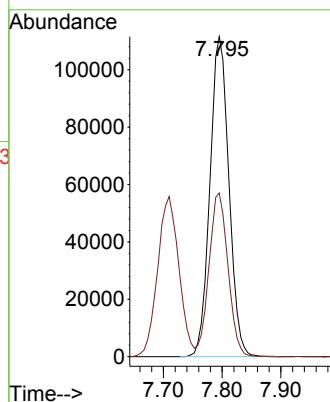
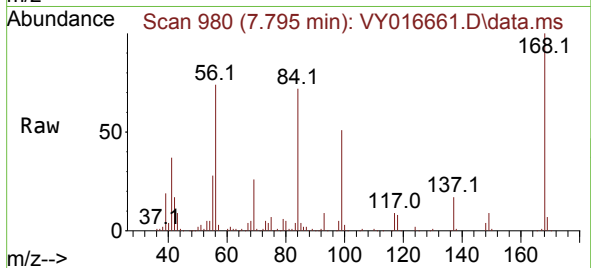




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016661.D
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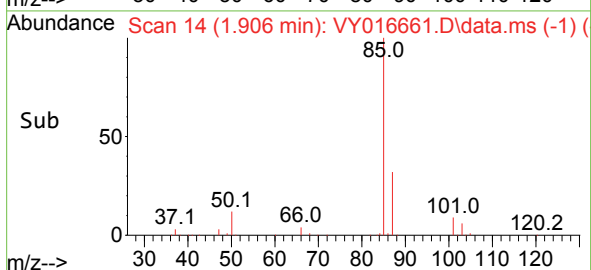
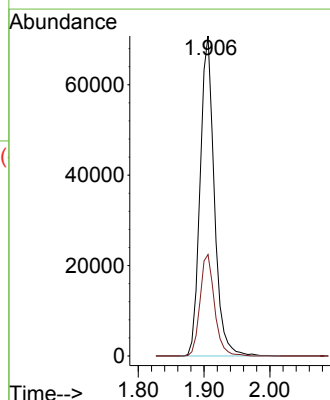
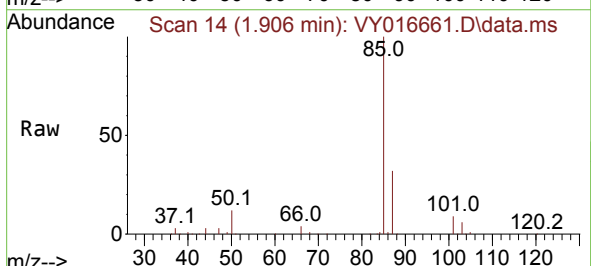
Instrument :
MSVOA_Y
ClientSampleId :

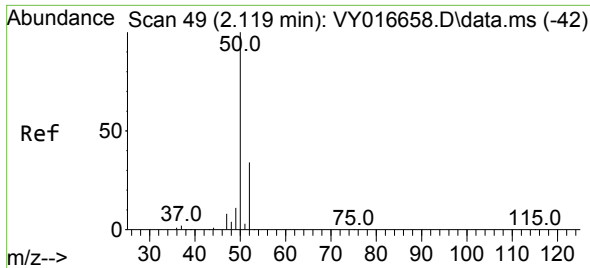
Tgt Ion:168 Resp: 249869
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 54.477 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 85 Resp: 106087
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8

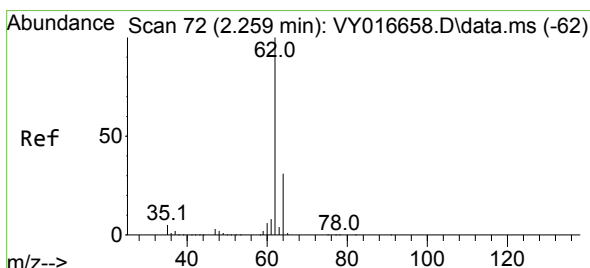
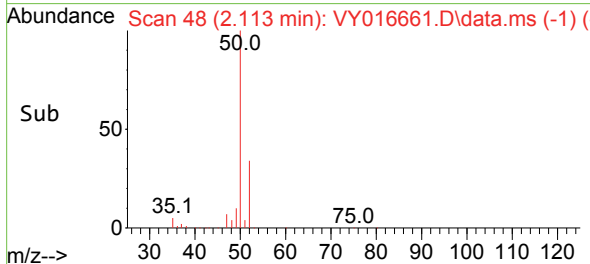
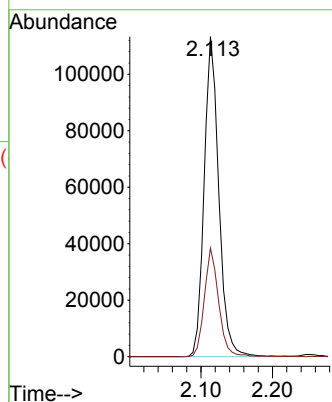
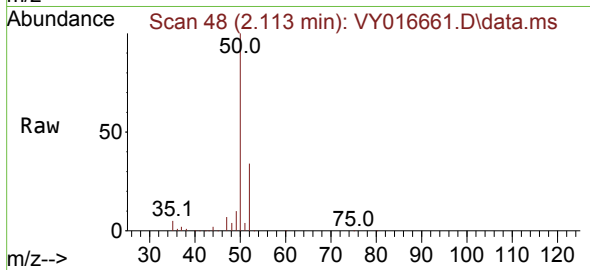




#3
Chloromethane
Concen: 53.200 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

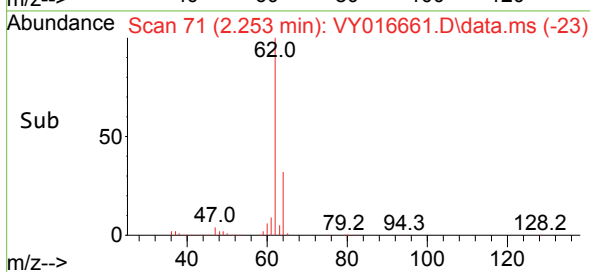
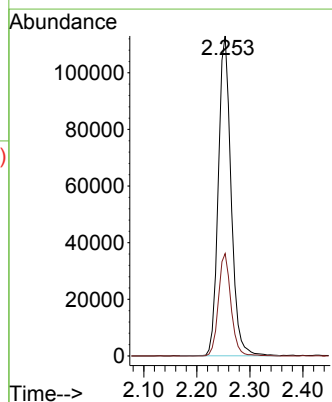
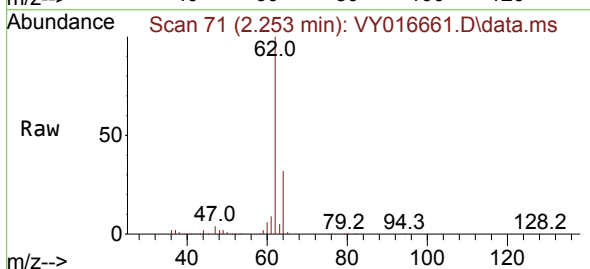
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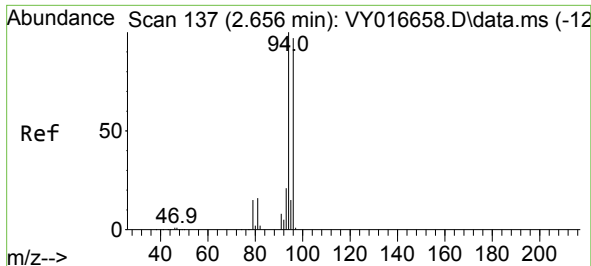
Tgt Ion: 50 Resp: 161447
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2



#4
Vinyl Chloride
Concen: 54.322 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 62 Resp: 189241
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5





#5

Bromomethane

Concen: 51.645 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

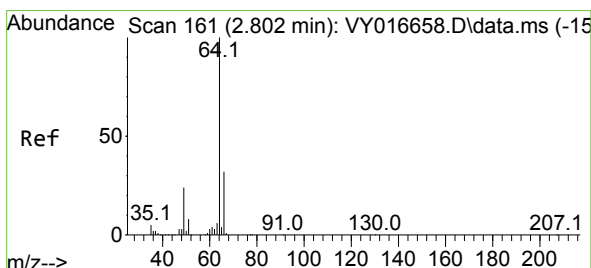
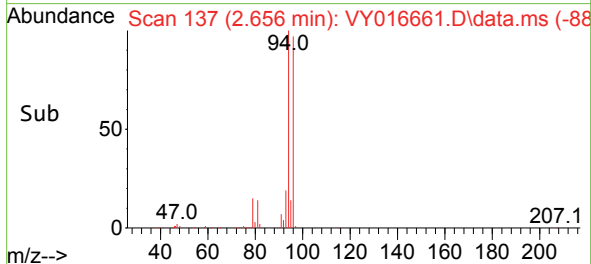
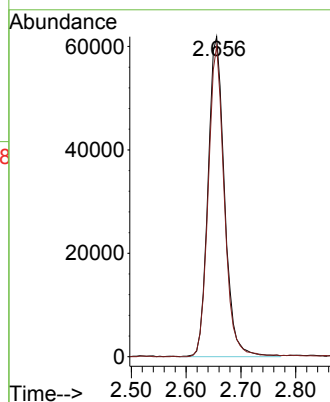
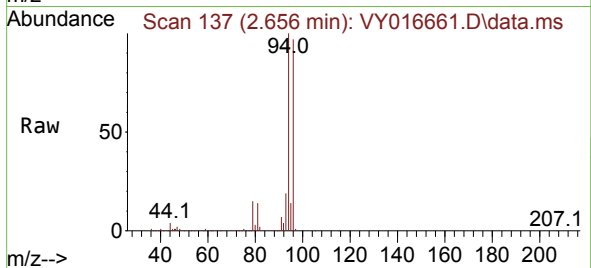
ClientSampleId :

Tgt Ion: 94 Resp: 128772

Ion Ratio Lower Upper

94 100

96 97.1 75.8 113.6



#6

Chloroethane

Concen: 53.134 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.006 min

Lab File: VY016661.D

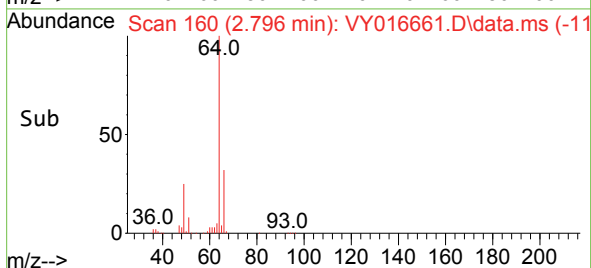
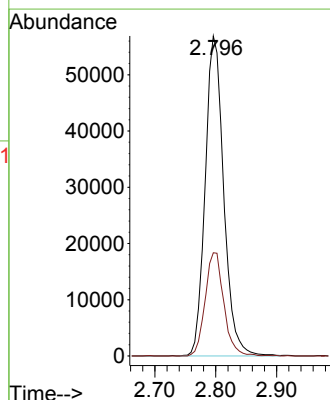
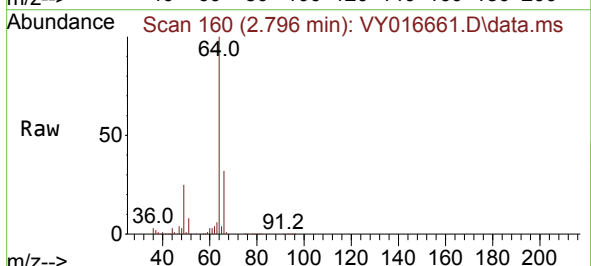
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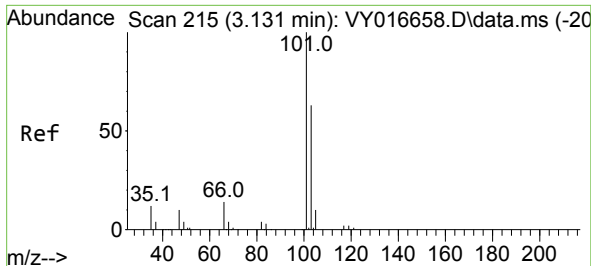
Tgt Ion: 64 Resp: 120396

Ion Ratio Lower Upper

64 100

66 32.2 24.4 36.6

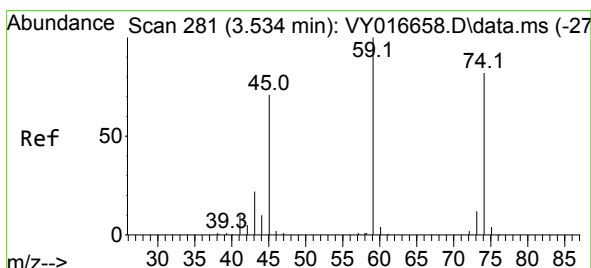
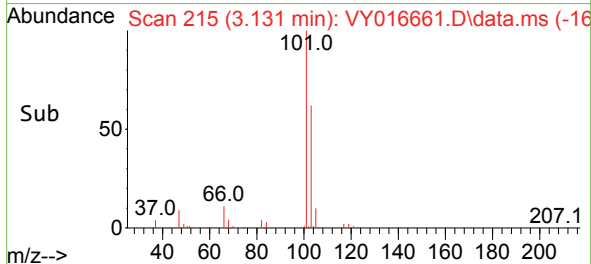
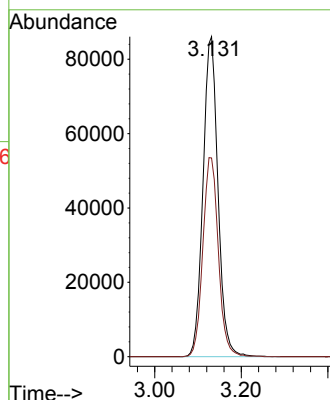
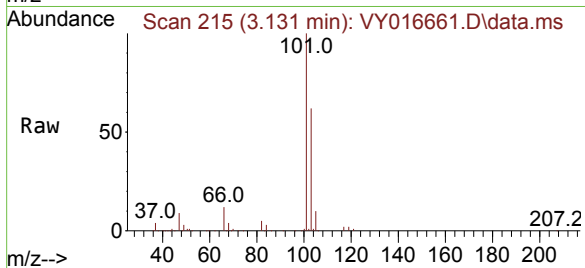




#7
 Trichlorofluoromethane
 Concen: 53.057 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY016661.D
 Acq: 15 Dec 2023 19:07

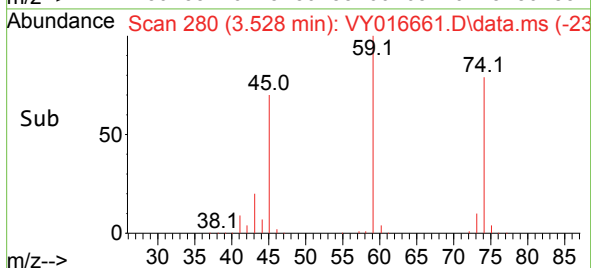
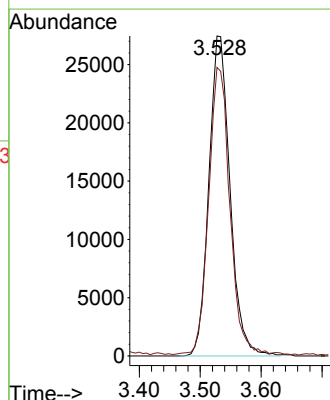
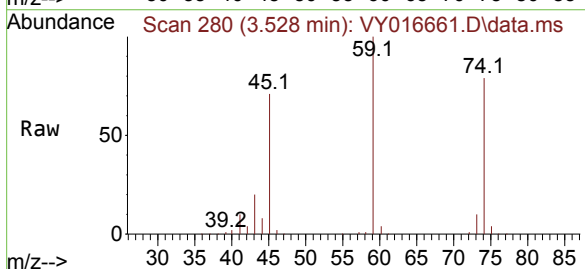
Instrument :
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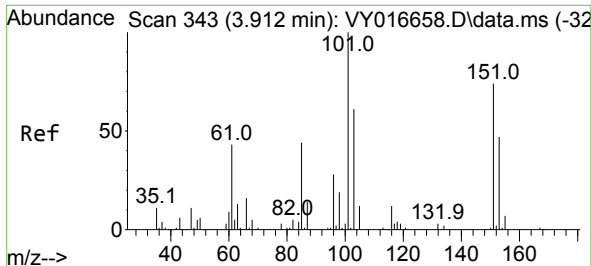
Tgt Ion:101 Resp: 206443
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 54.447 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY016661.D
 Acq: 15 Dec 2023 19:07

Tgt Ion: 74 Resp: 66176
 Ion Ratio Lower Upper
 74 100
 45 89.8 51.5 154.5

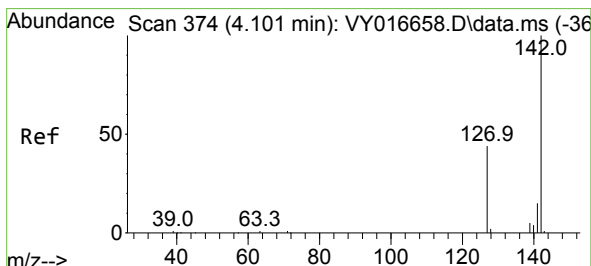
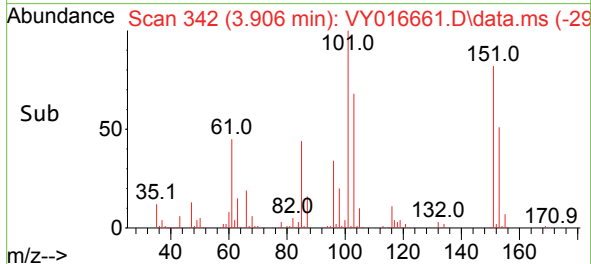
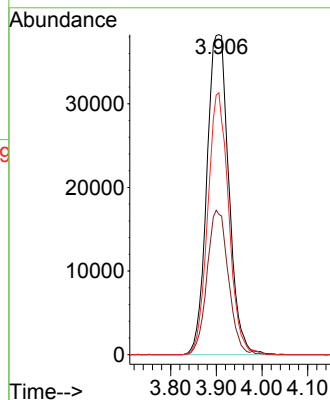
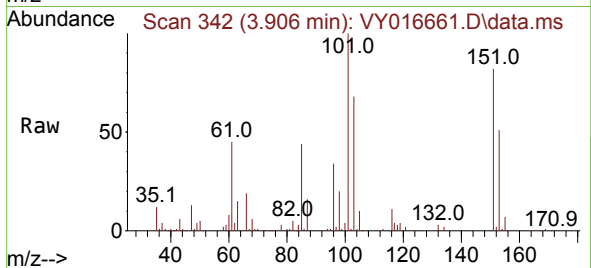




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.134 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016661.D
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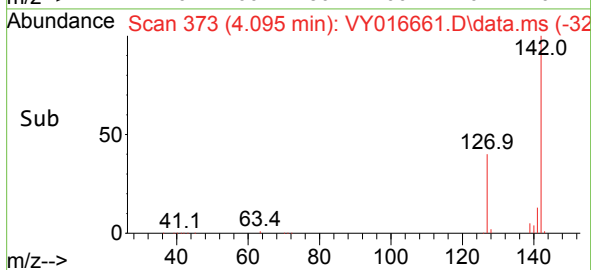
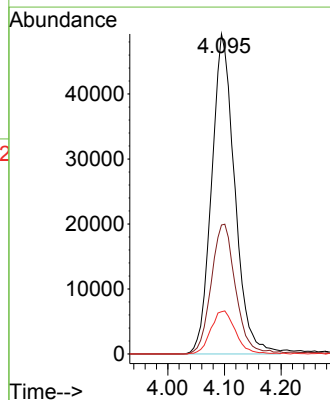
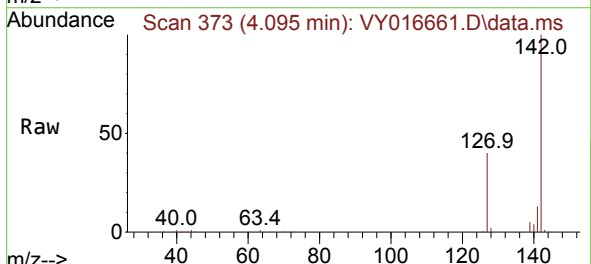
Instrument :
MSVOA_Y
ClientSampleId :

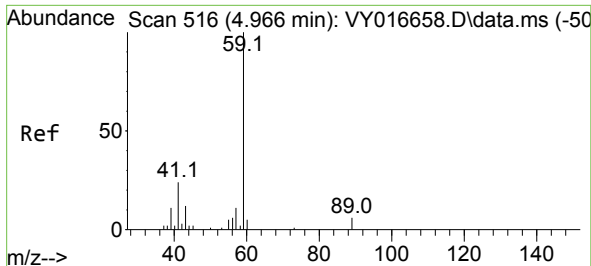
Tgt Ion:101 Resp: 127863
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 78.0 67.0 100.6



#10
Methyl Iodide
Concen: 55.583 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

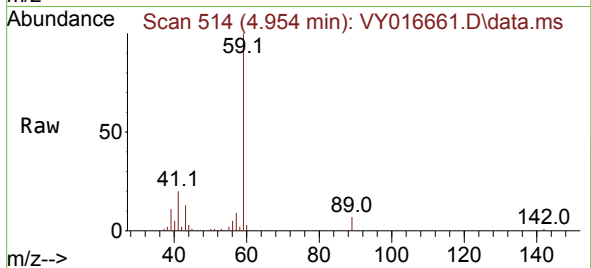
Tgt Ion:142 Resp: 139208
Ion Ratio Lower Upper
142 100
127 43.0 37.6 56.4
141 14.4 11.8 17.8



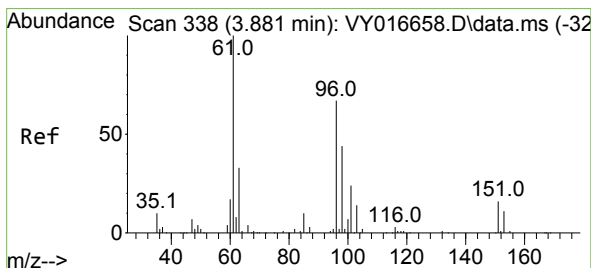
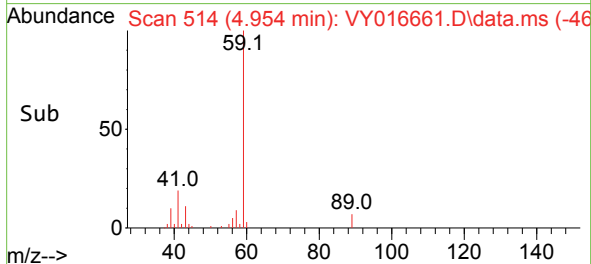
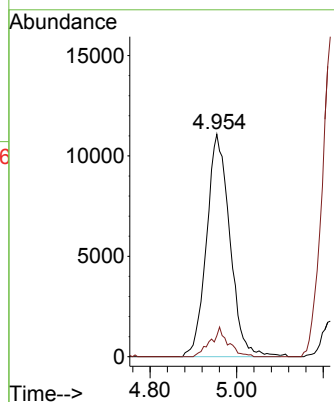


#11
Tert butyl alcohol
Concen: 251.084 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

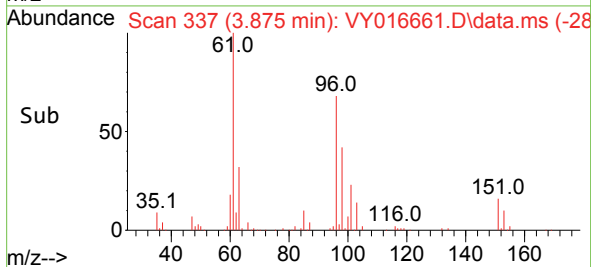
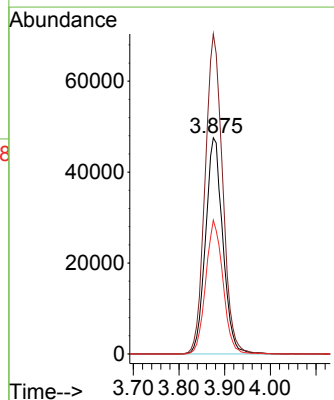
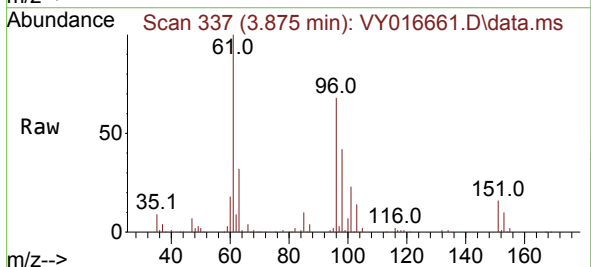


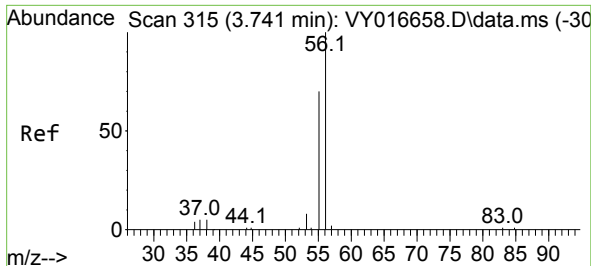
Tgt Ion: 59 Resp: 41404
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 54.887 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 96 Resp: 124516
Ion Ratio Lower Upper
96 100
61 148.1 136.4 204.6
98 61.9 49.4 74.2





#13

Acrolein

Concen: 218.252 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

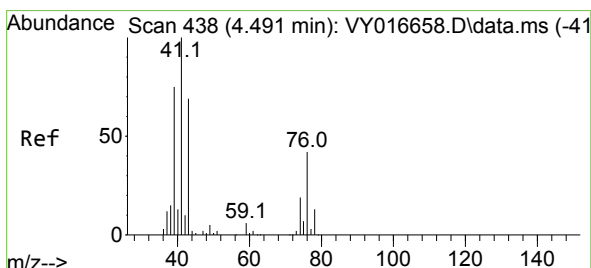
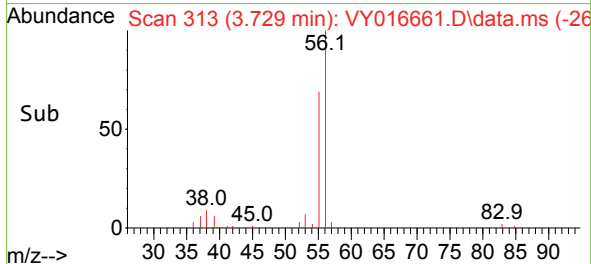
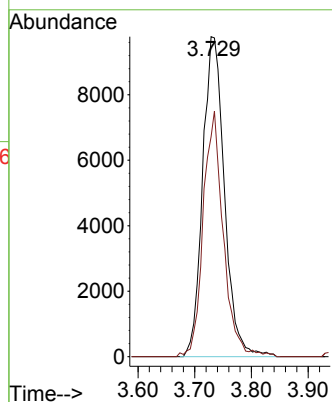
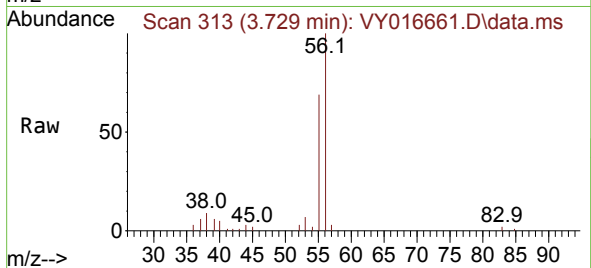
ClientSampleId :

Tgt Ion: 56 Resp: 26060

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



#14

Allyl chloride

Concen: 53.938 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

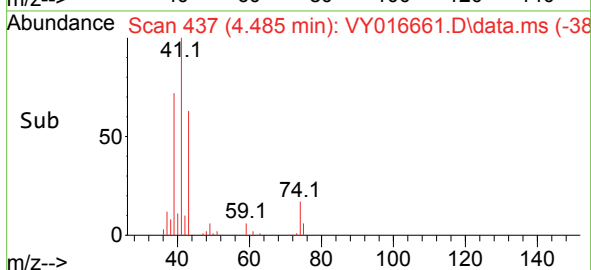
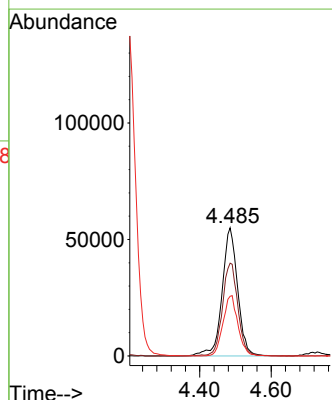
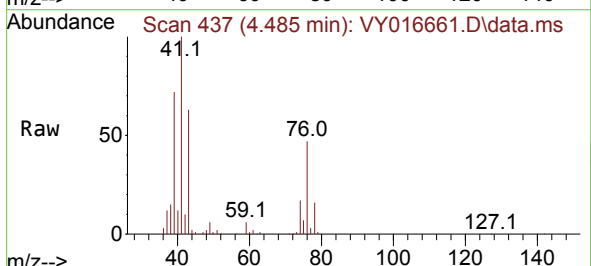
Tgt Ion: 41 Resp: 165903

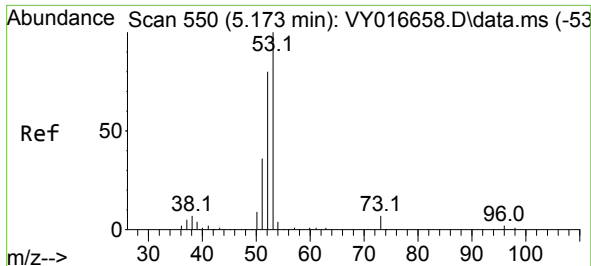
Ion Ratio Lower Upper

41 100

39 72.0 58.0 87.0

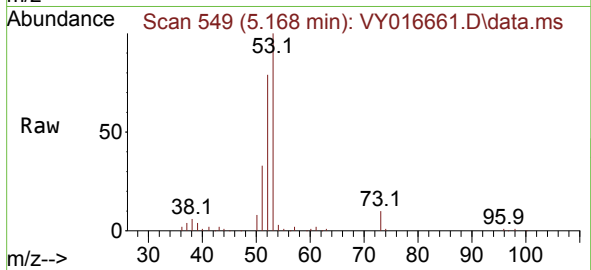
76 45.3 27.4 41.2#



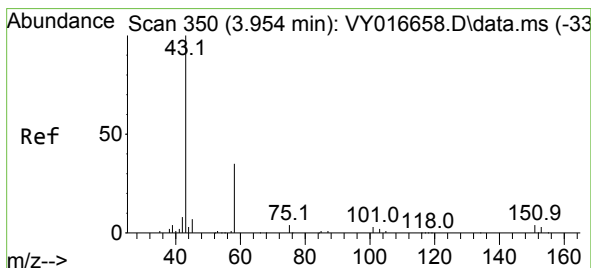
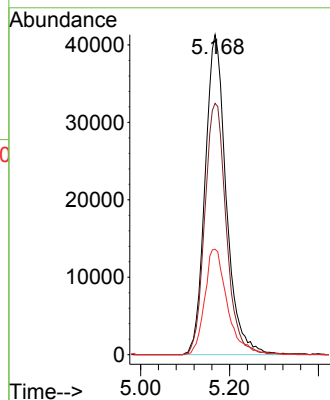
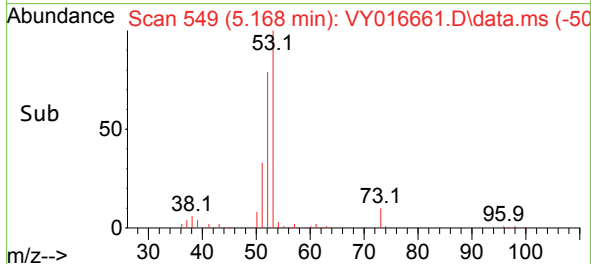


#15
Acrylonitrile
Concen: 269.716 ug/l
RT: 5.168 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

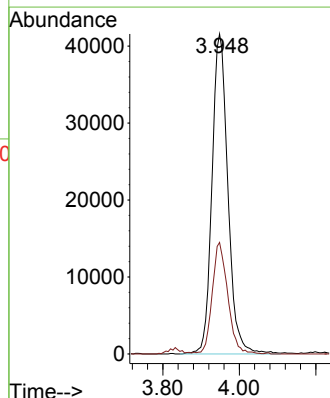
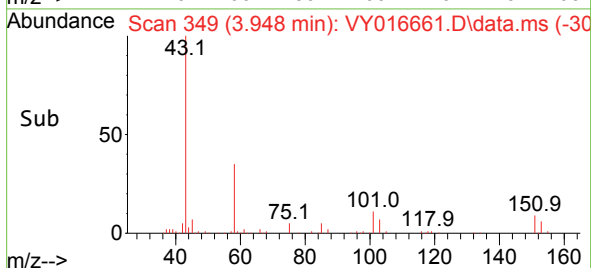
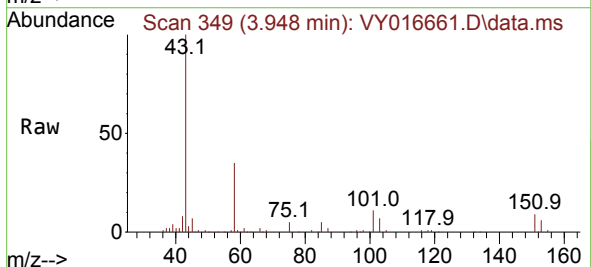


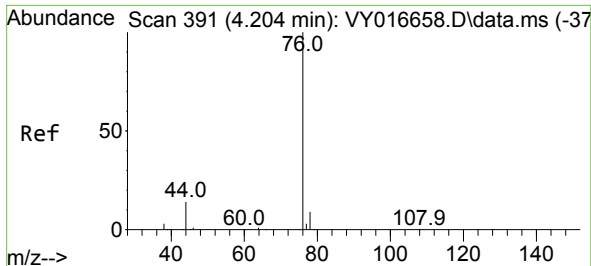
Tgt Ion: 53	Resp: 136420
Ion Ratio	Lower Upper
53 100	
52 79.9	66.9 100.3
51 35.5	29.8 44.6



#16
Acetone
Concen: 248.560 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 43	Resp: 120029
Ion Ratio	Lower Upper
43 100	
58 34.9	22.7 34.1#

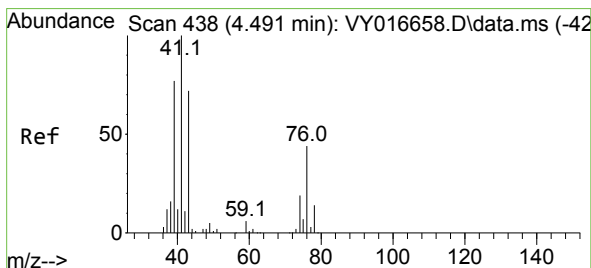
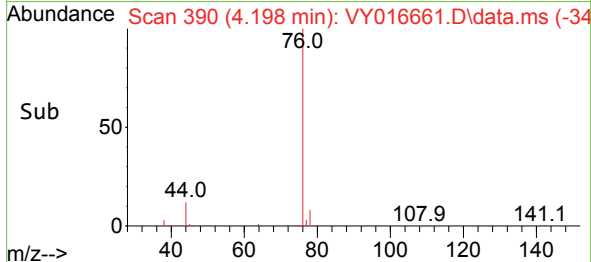
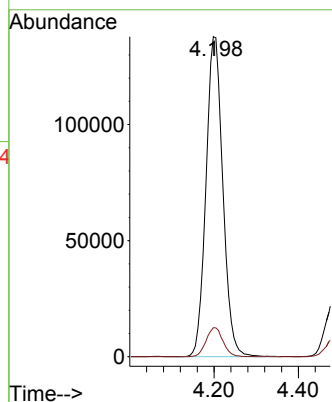
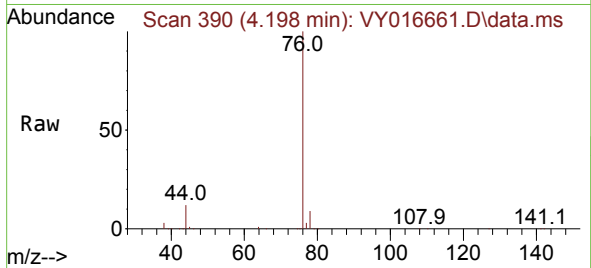




#17
Carbon Disulfide
Concen: 53.508 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

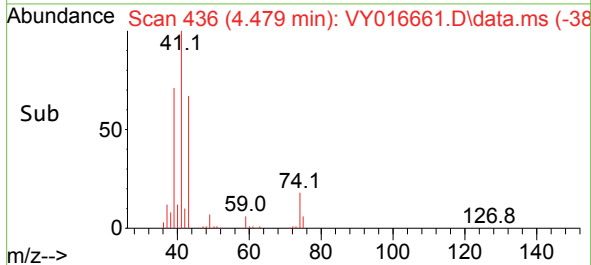
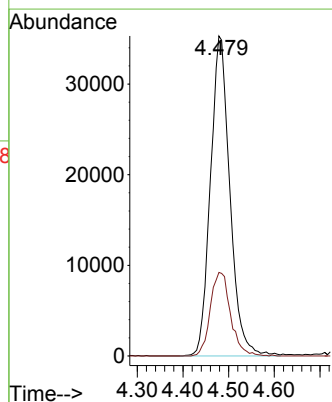
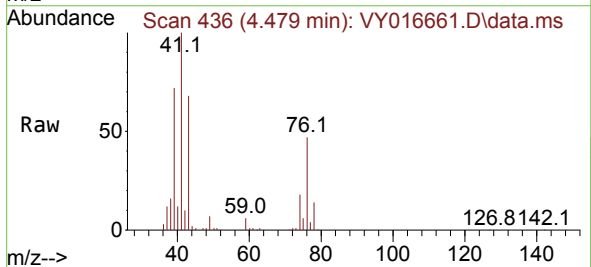
Instrument :
MSVOA_Y
ClientSampleId :

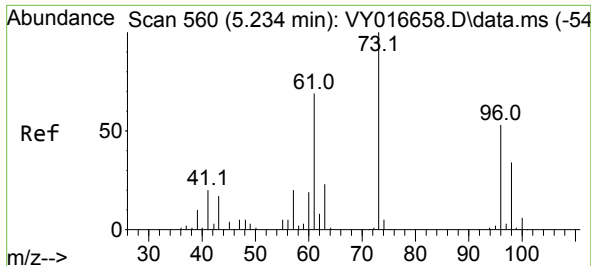
Tgt Ion: 76 Resp: 383923
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 54.697 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

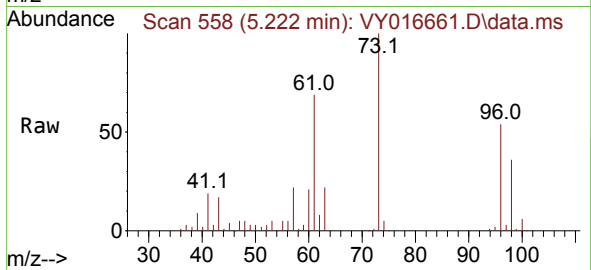
Tgt Ion: 43 Resp: 104383
Ion Ratio Lower Upper
43 100
74 27.1 17.4 26.0#



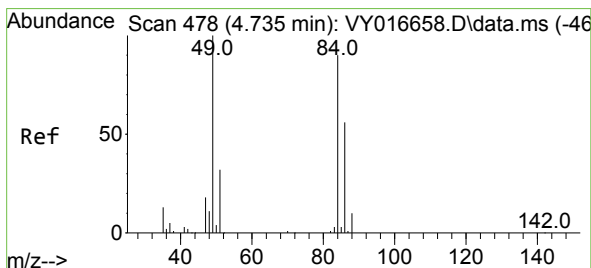
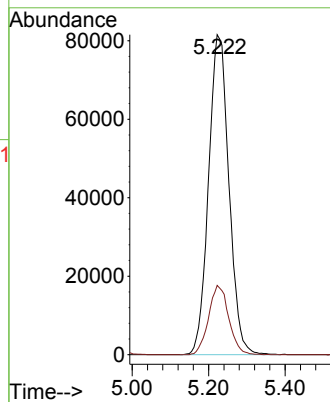
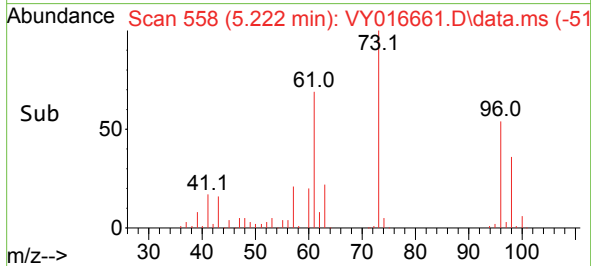


#19
Methyl tert-butyl Ether
Concen: 56.658 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

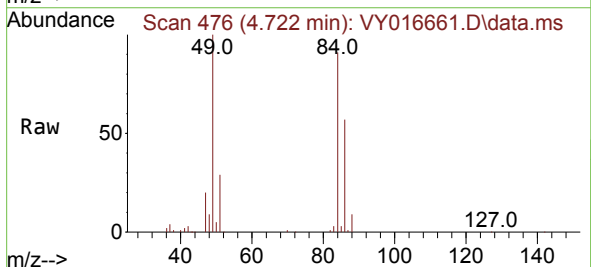
Instrument :
MSVOA_Y
ClientSampleId :



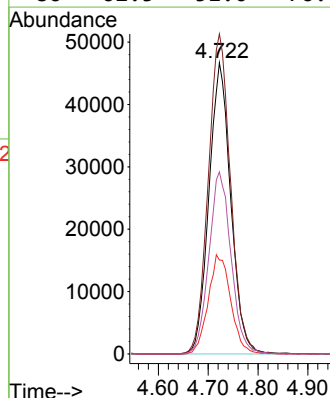
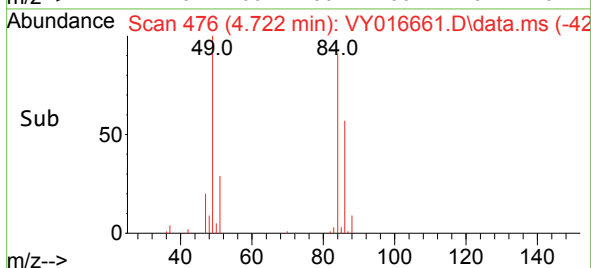
Tgt Ion: 73 Resp: 301373
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

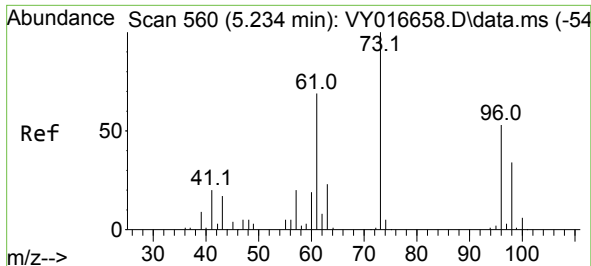


#20
Methylene Chloride
Concen: 56.050 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07



Tgt Ion: 84 Resp: 141897
Ion Ratio Lower Upper
84 100
49 109.9 106.9 160.3
51 32.2 33.2 49.8#
86 62.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 54.226 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

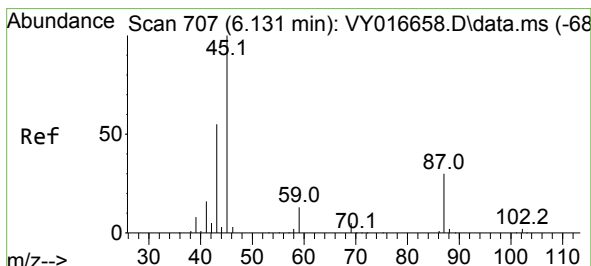
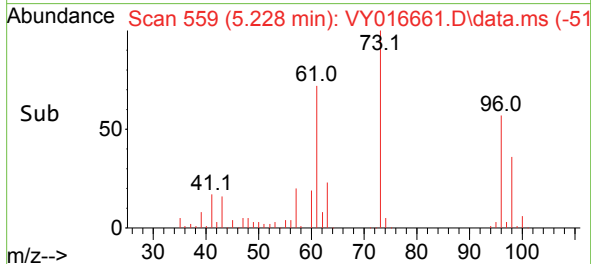
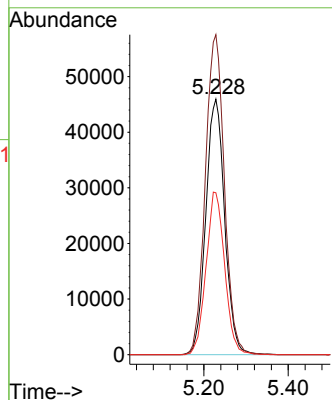
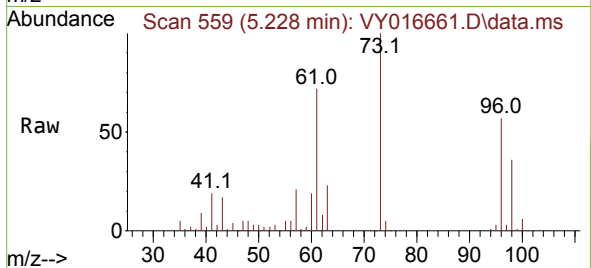
Tgt Ion: 96 Resp: 143321

Ion Ratio Lower Upper

96 100

61 125.2 110.2 165.4

98 63.4 51.8 77.6



#22

Diisopropyl ether

Concen: 56.337 ug/l

RT: 6.125 min Scan# 706

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Tgt Ion: 45 Resp: 371371

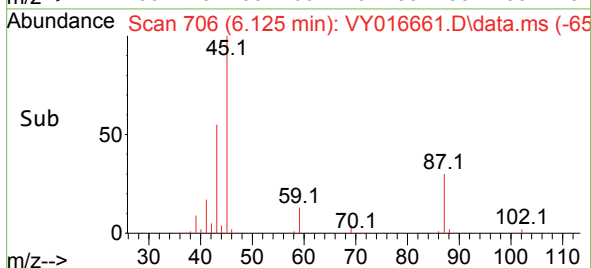
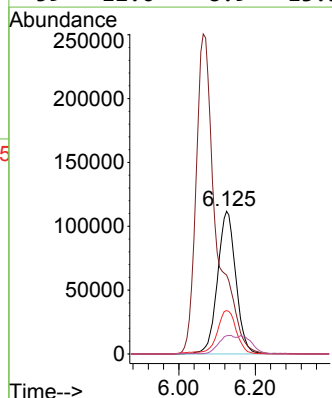
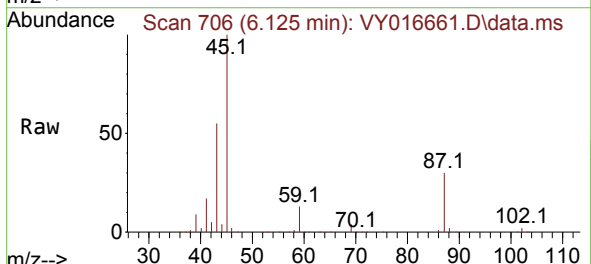
Ion Ratio Lower Upper

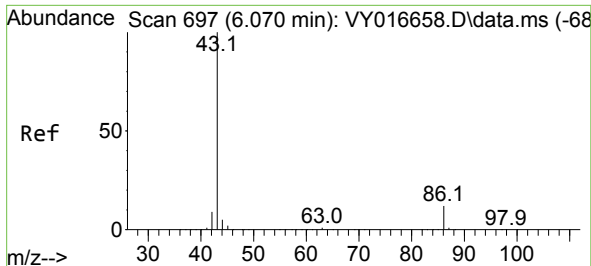
45 100

43 54.8 52.2 78.4

87 30.3 21.0 31.6

59 12.6 8.9 13.3





#23

Vinyl Acetate

Concen: 280.689 ug/l

RT: 6.064 min Scan# 696

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

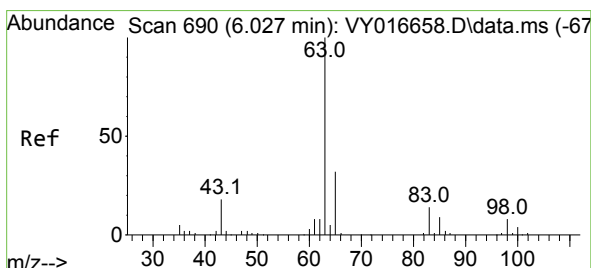
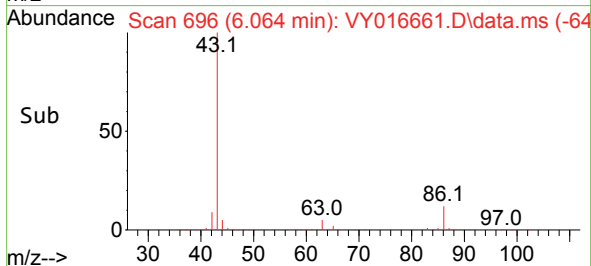
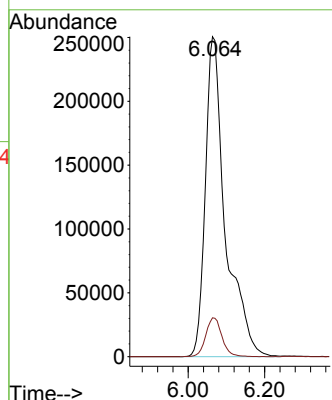
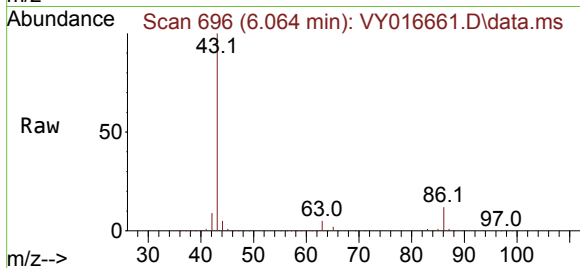
ClientSampleId :

Tgt Ion: 43 Resp: 911709

Ion Ratio Lower Upper

43 100

86 12.2 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 53.526 ug/l

RT: 6.021 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

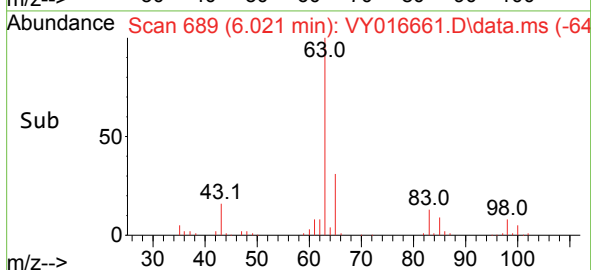
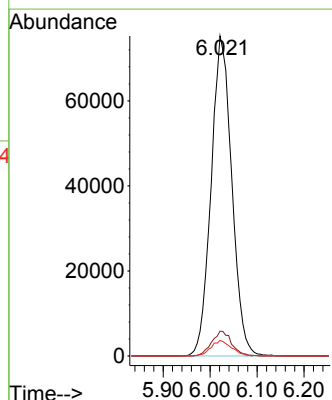
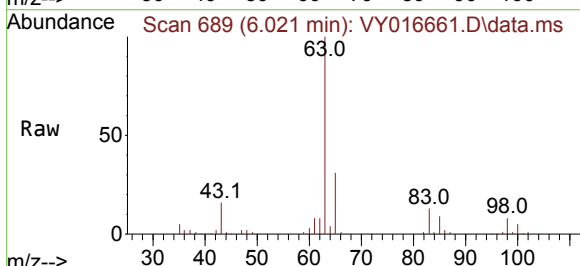
Tgt Ion: 63 Resp: 230254

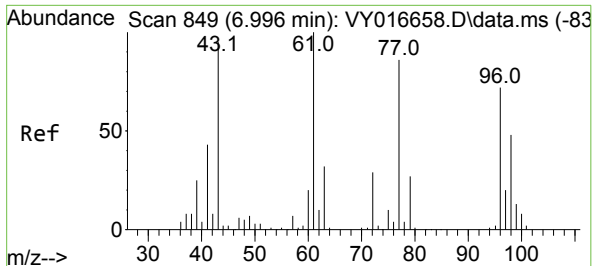
Ion Ratio Lower Upper

63 100

98 7.7 3.1 9.4

100 4.9 1.8 5.5





#25

2-Butanone

Concen: 255.113 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

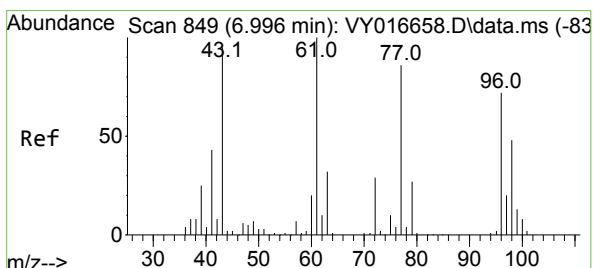
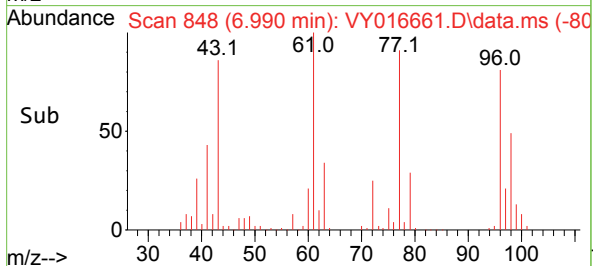
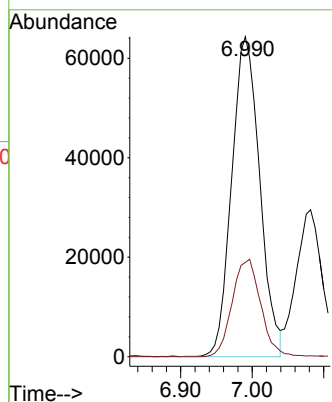
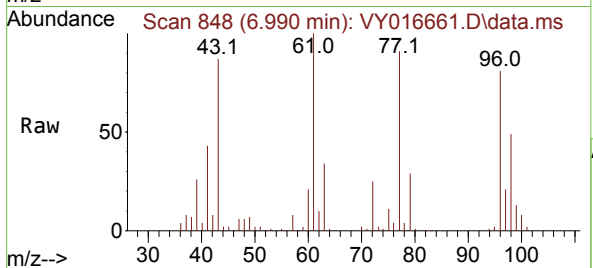
ClientSampleId :

Tgt Ion: 43 Resp: 175017

Ion Ratio Lower Upper

43 100

72 29.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 54.034 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016661.D

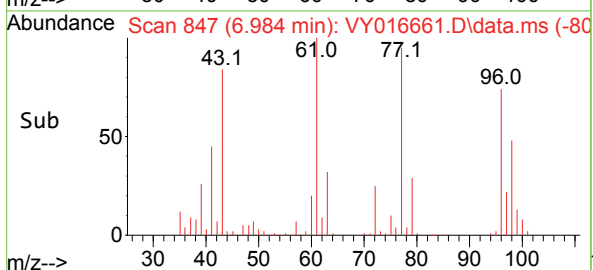
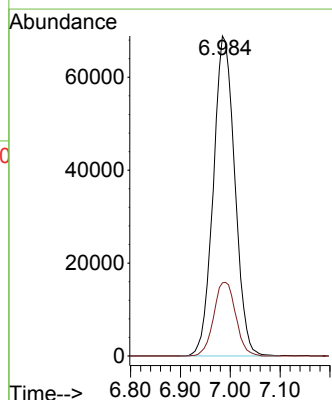
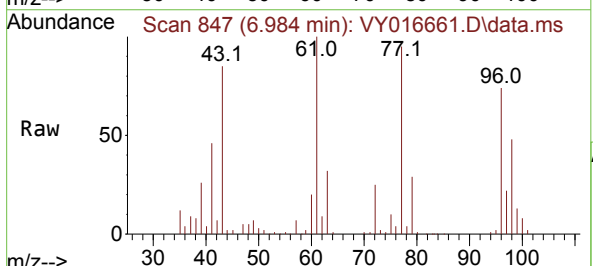
Acq: 15 Dec 2023 19:07

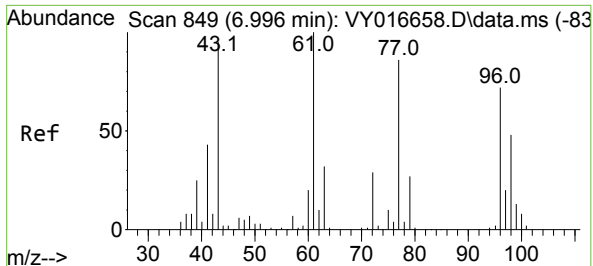
Tgt Ion: 77 Resp: 206365

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 55.513 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

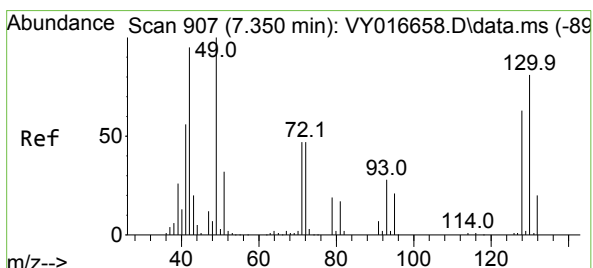
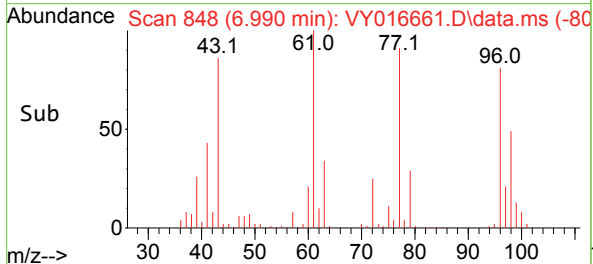
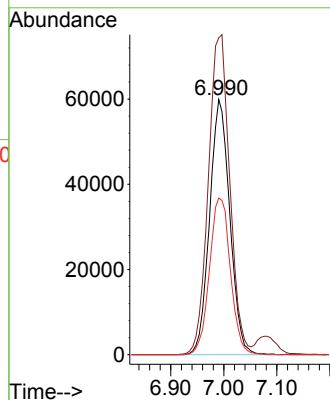
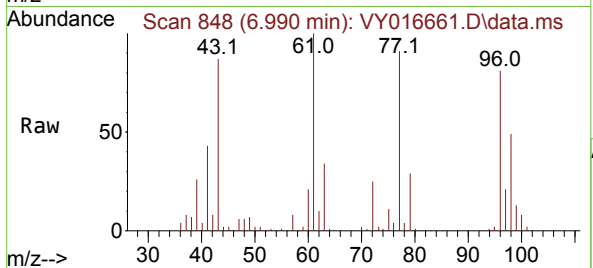
Tgt Ion: 96 Resp: 158450

Ion Ratio Lower Upper

96 100

61 132.9 0.0 301.4

98 63.6 0.0 130.4



#28

Bromochloromethane

Concen: 56.714 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

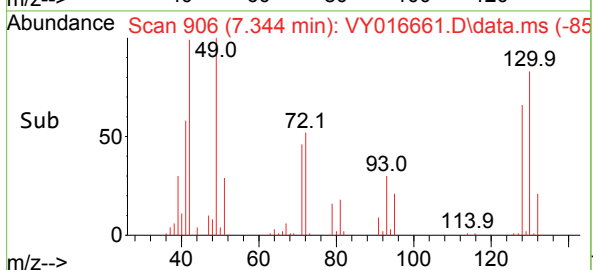
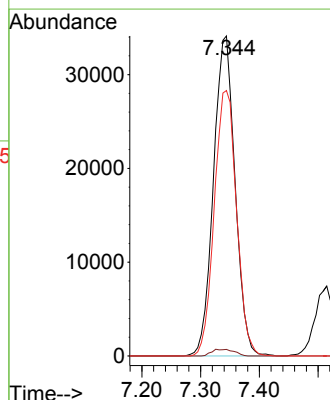
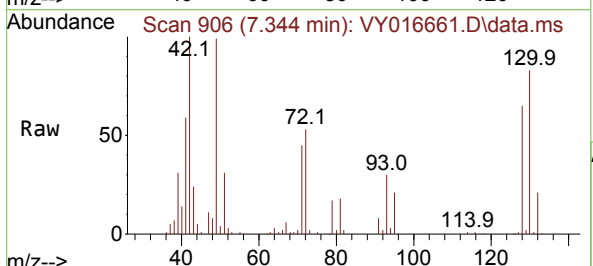
Tgt Ion: 49 Resp: 86949

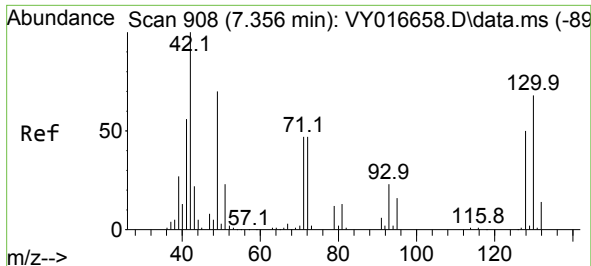
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 85.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 276.616 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

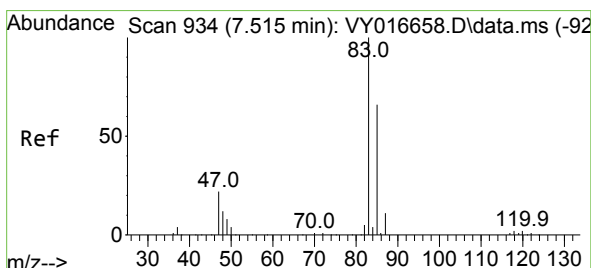
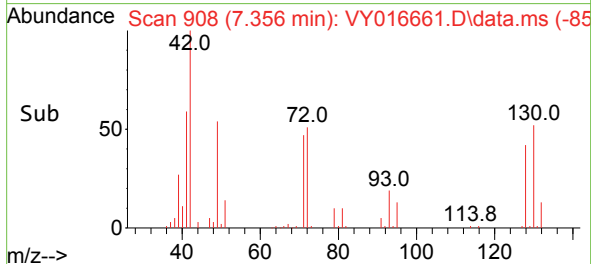
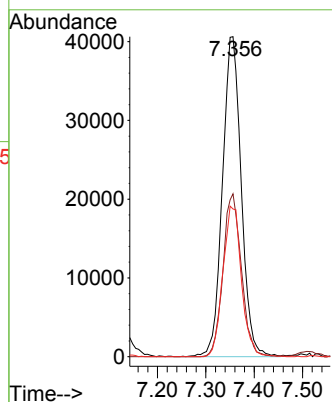
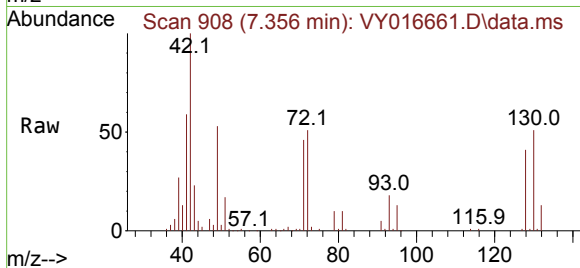
Tgt Ion: 42 Resp: 109882

Ion Ratio Lower Upper

42 100

72 49.8 32.8 49.2#

71 46.5 31.0 46.4#



#30

Chloroform

Concen: 54.303 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY016661.D

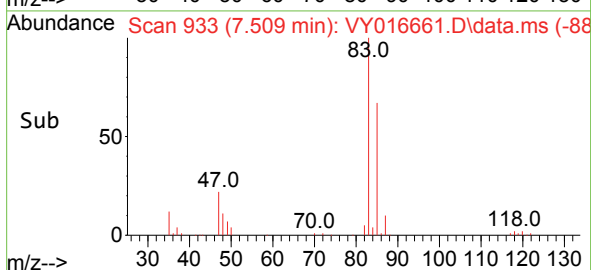
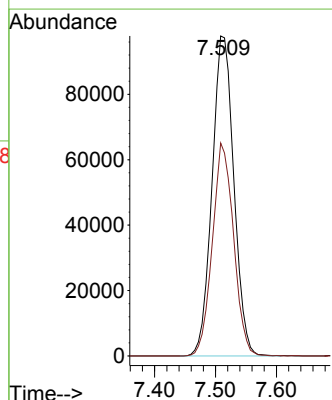
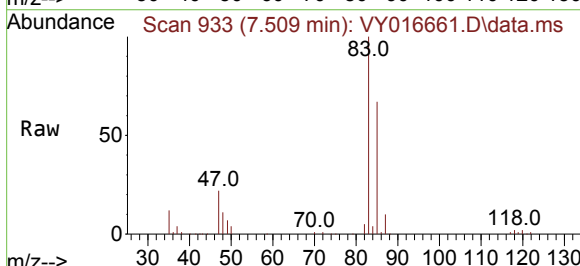
Acq: 15 Dec 2023 19:07

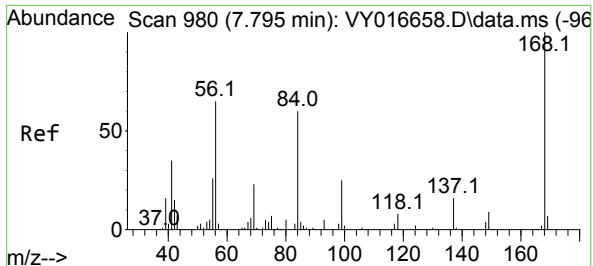
Tgt Ion: 83 Resp: 242938

Ion Ratio Lower Upper

83 100

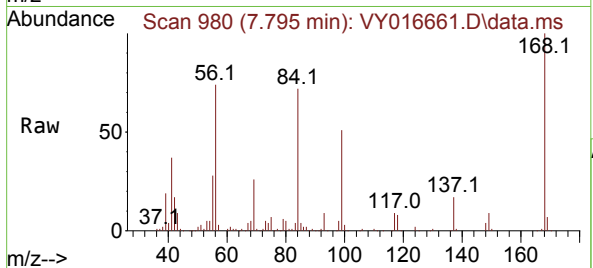
85 66.5 49.7 74.5



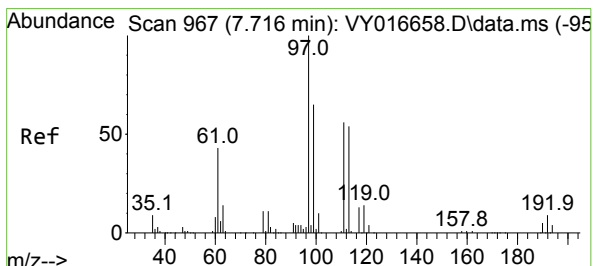
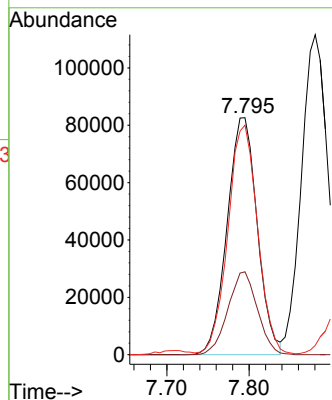
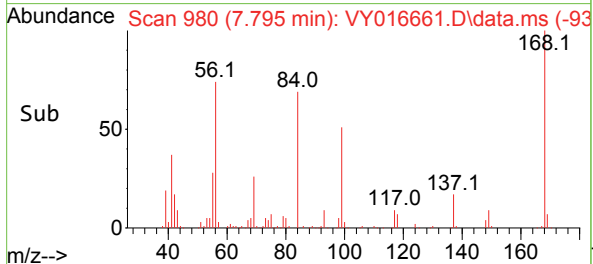


#31
Cyclohexane
Concen: 52.214 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

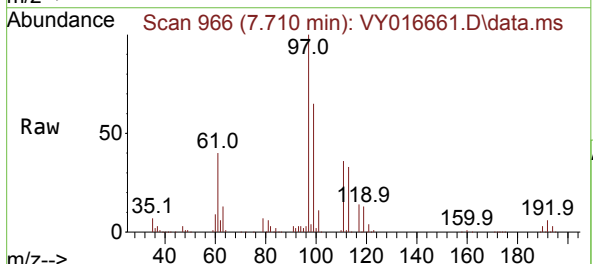
Instrument :
MSVOA_Y
ClientSampleId :



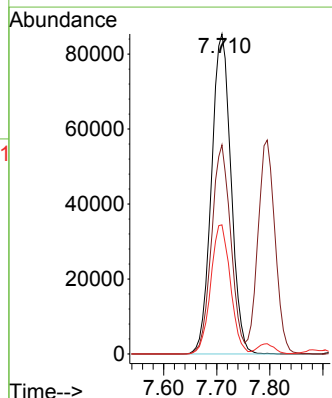
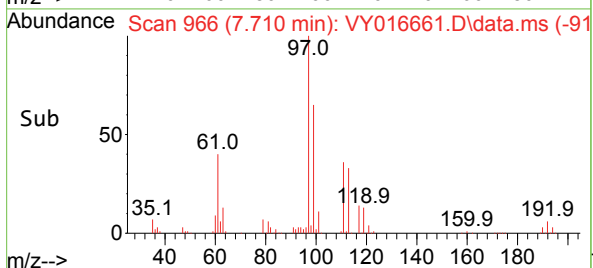
Tgt Ion: 56 Resp: 210653
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 95.2 66.4 99.6

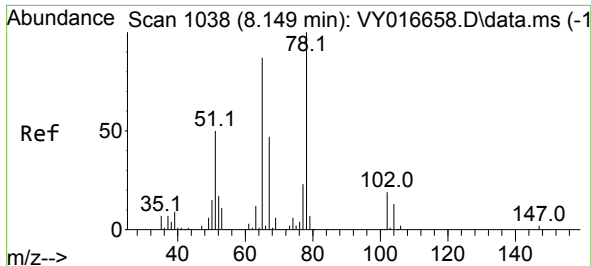


#32
1,1,1-Trichloroethane
Concen: 54.409 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07



Tgt Ion: 97 Resp: 218370
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 40.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.195 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

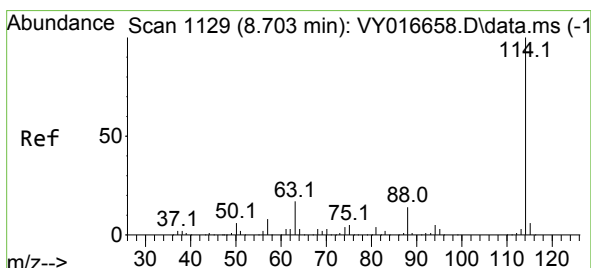
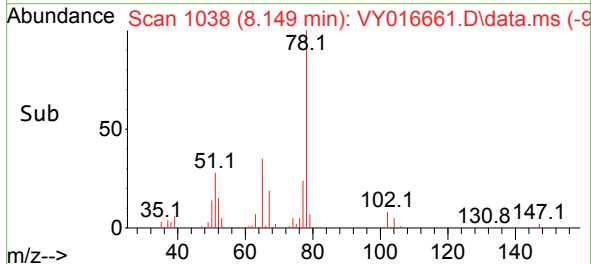
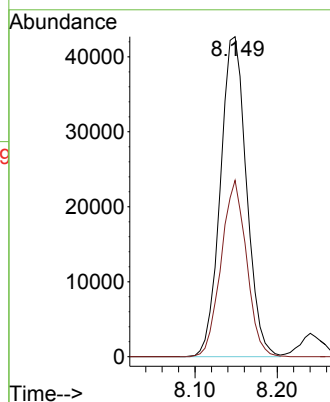
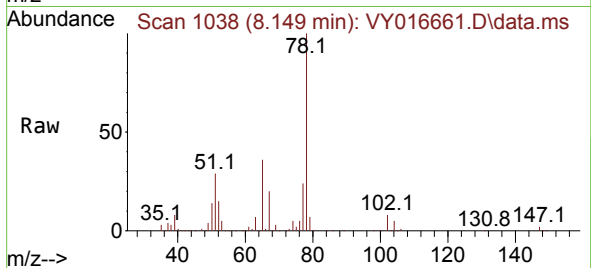
ClientSampleId :

Tgt Ion: 65 Resp: 94292

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

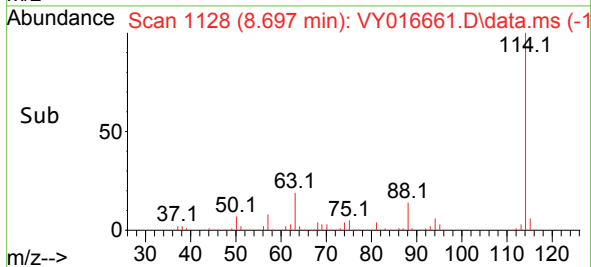
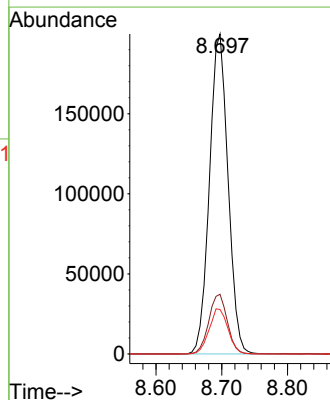
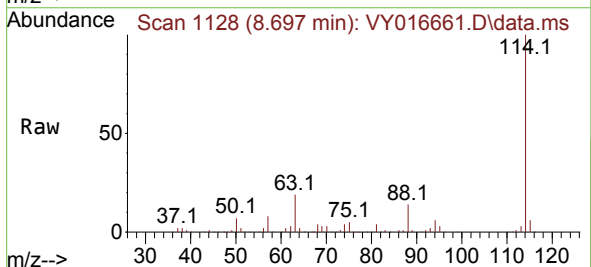
Tgt Ion: 114 Resp: 392483

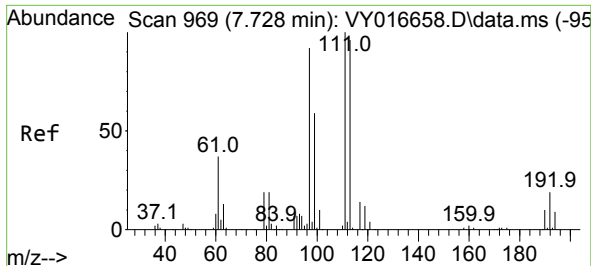
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

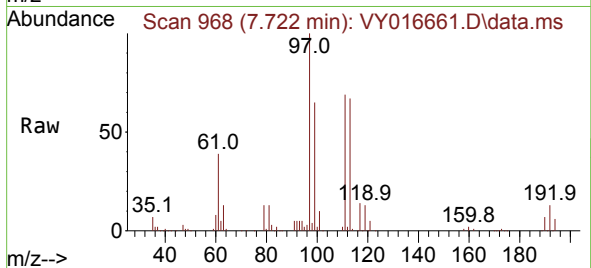
88 13.9 0.0 30.6



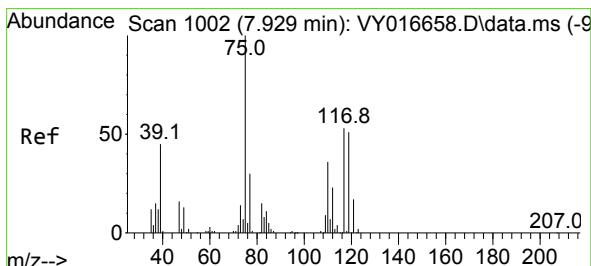
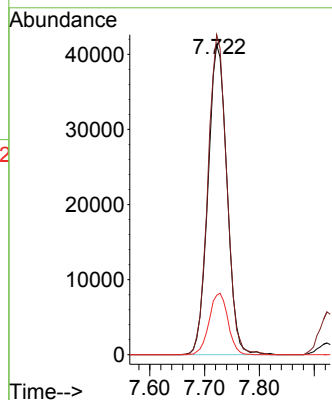
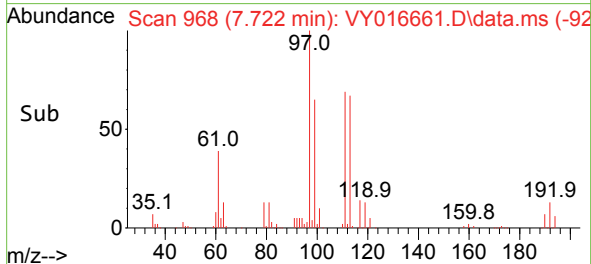


#35
Dibromofluoromethane
Concen: 47.043 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

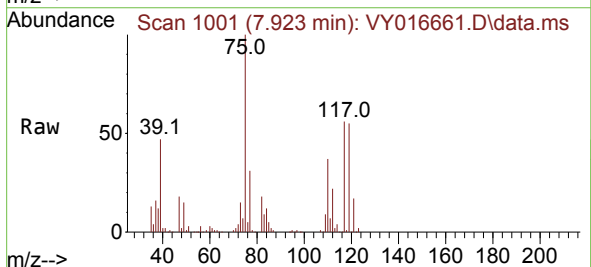
Instrument :
MSVOA_Y
ClientSampleId :



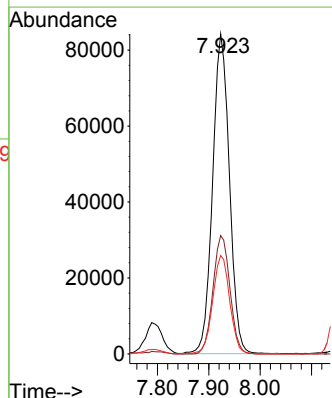
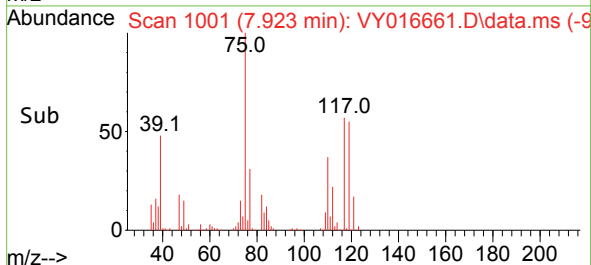
Tgt Ion:113 Resp: 99037
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3

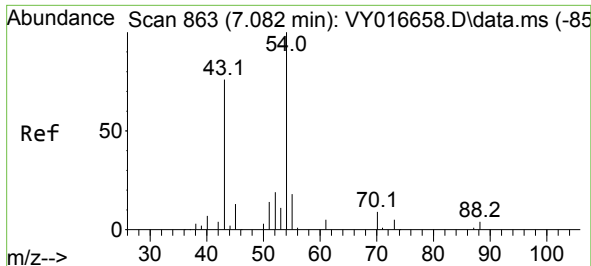


#36
1,1-Dichloropropene
Concen: 54.776 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07



Tgt Ion: 75 Resp: 190999
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 54.039 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY016661.D

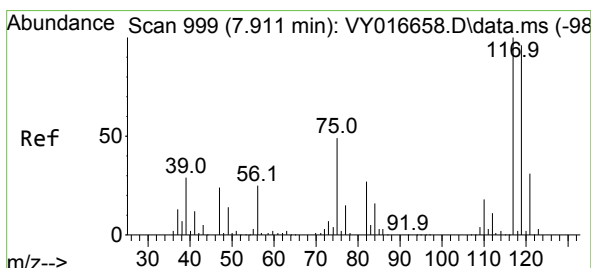
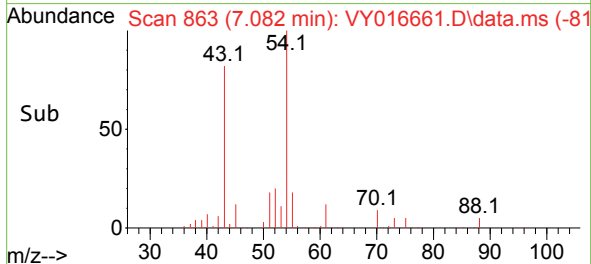
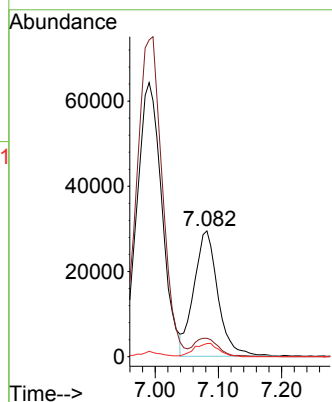
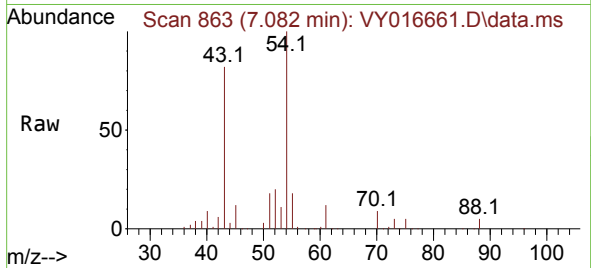
Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	77652
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.1	15.1
70	10.9	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 56.117 ug/l

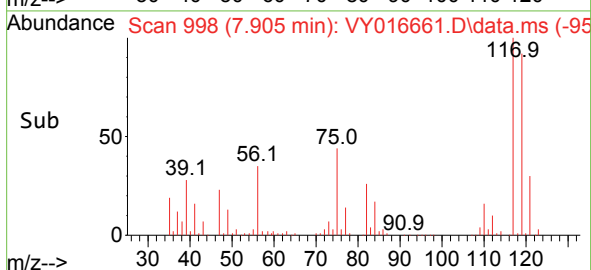
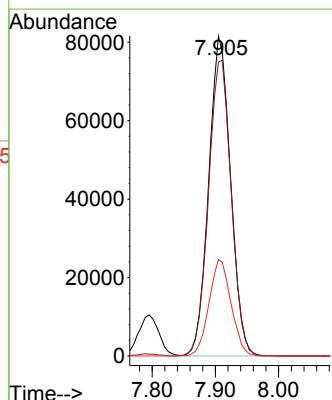
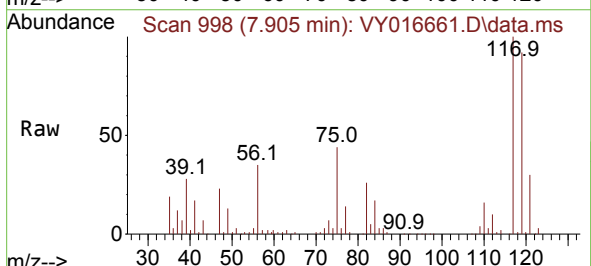
RT: 7.905 min Scan# 998

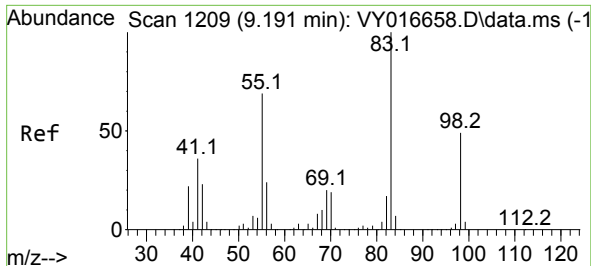
Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Tgt Ion:	117	Resp:	196551
Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.4	114.6
121	30.1	25.8	38.6





#39

Methylcyclohexane

Concen: 56.361 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

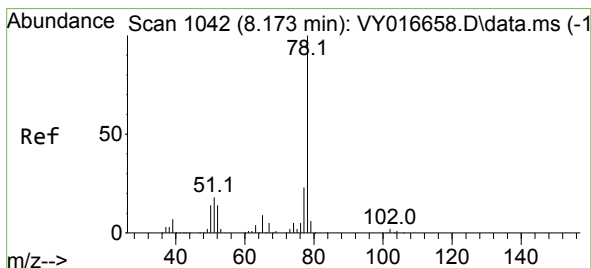
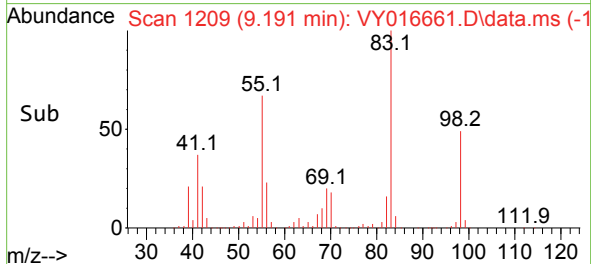
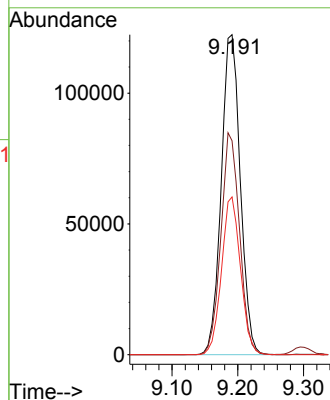
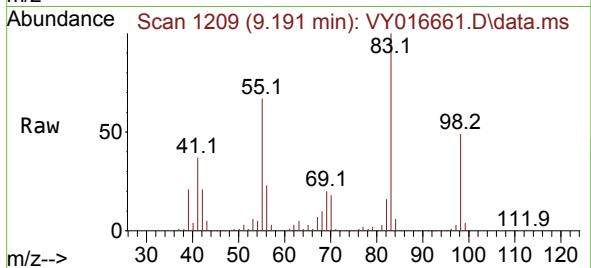
Tgt Ion: 83 Resp: 247005

Ion Ratio Lower Upper

83 100

55 66.9 63.0 94.4

98 49.3 37.4 56.2



#40

Benzene

Concen: 54.249 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016661.D

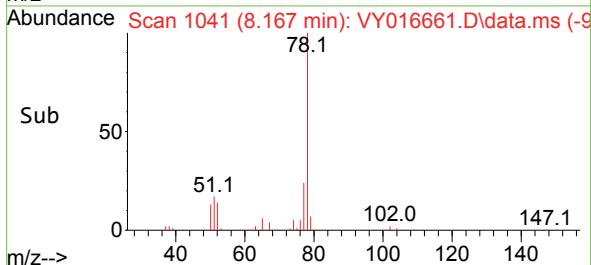
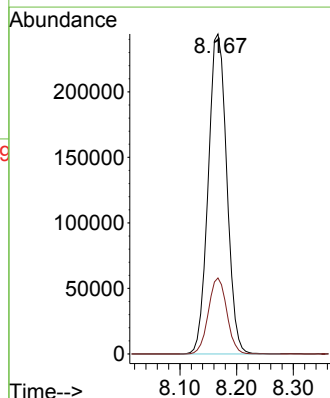
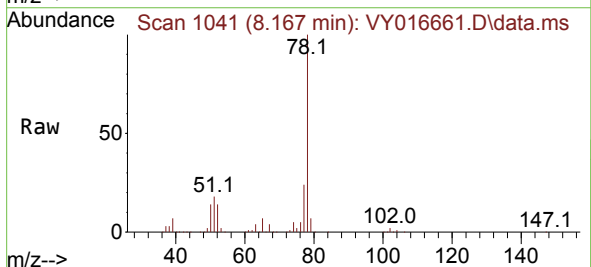
Acq: 15 Dec 2023 19:07

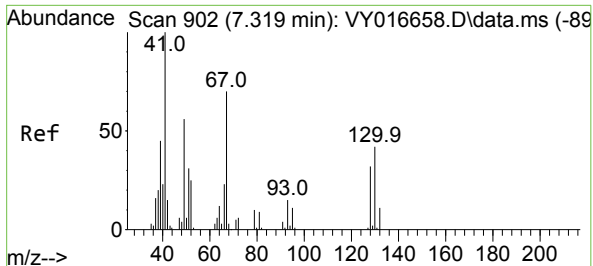
Tgt Ion: 78 Resp: 554401

Ion Ratio Lower Upper

78 100

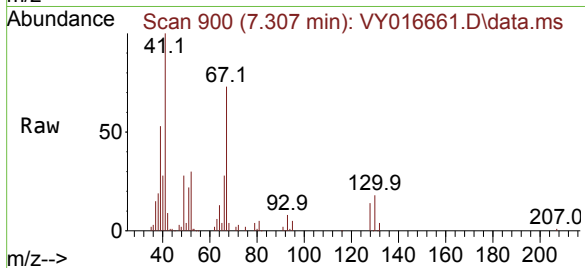
77 23.7 19.0 28.6



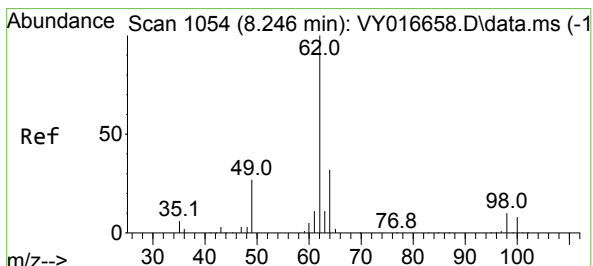
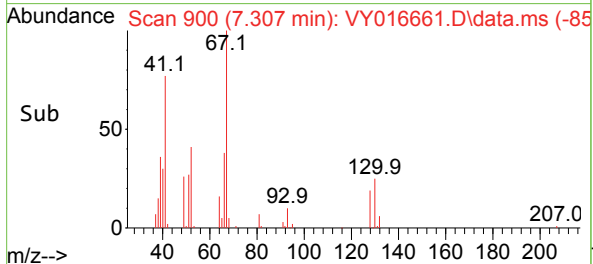
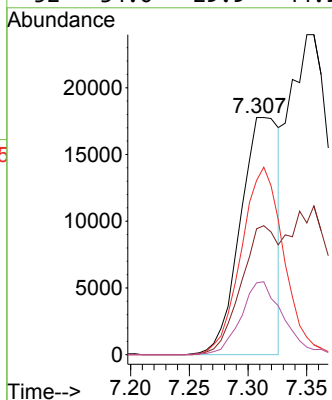


#41
Methacrylonitrile
Concen: 55.792 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

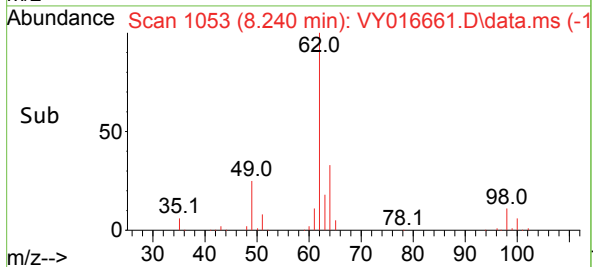
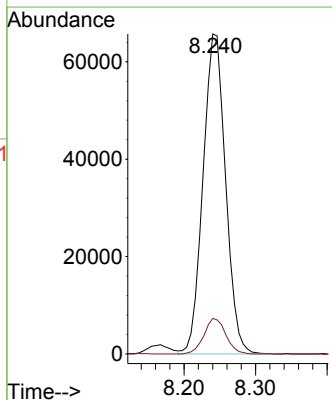
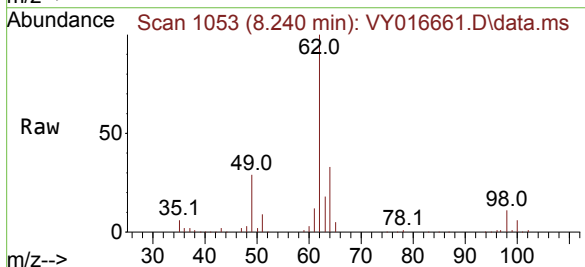


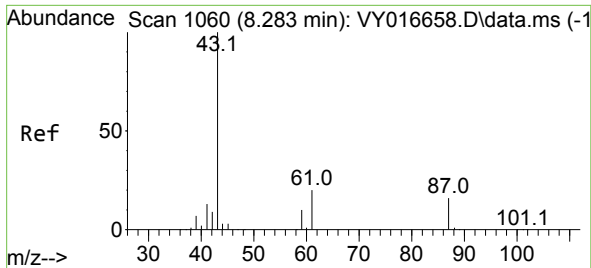
Tgt Ion: 41 Resp: 40384
Ion Ratio Lower Upper
41 100
39 52.1 52.1 78.1#
67 87.6 66.2 99.2
52 34.0 29.9 44.9



#42
1,2-Dichloroethane
Concen: 55.170 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 62 Resp: 144102
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8

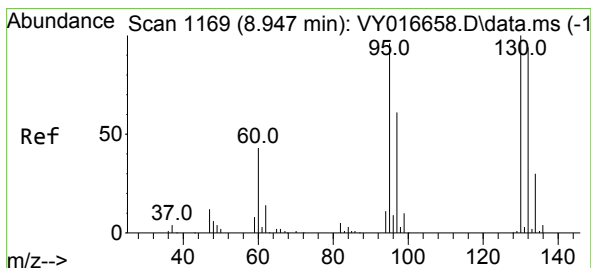
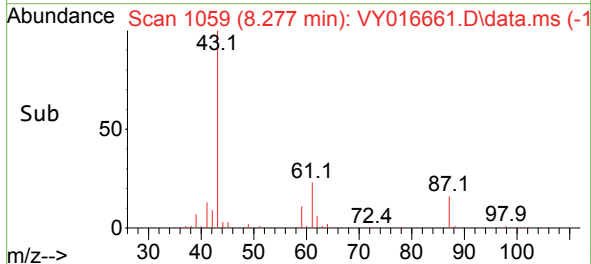
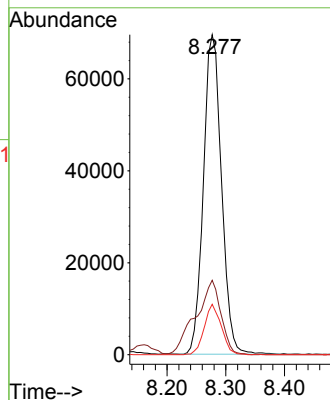
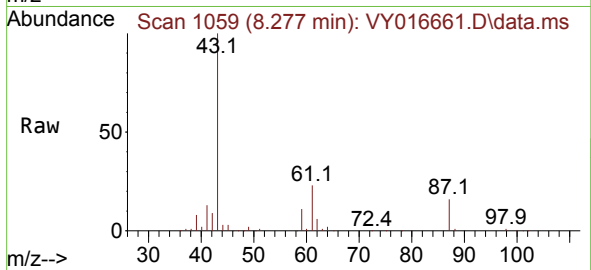




#43
Isopropyl Acetate
Concen: 56.424 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

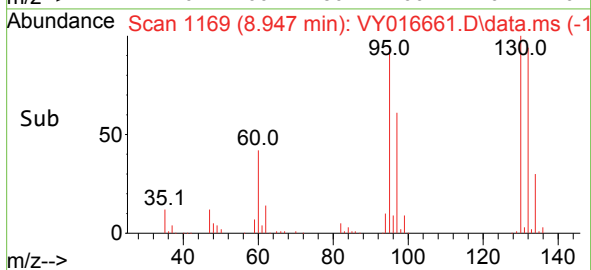
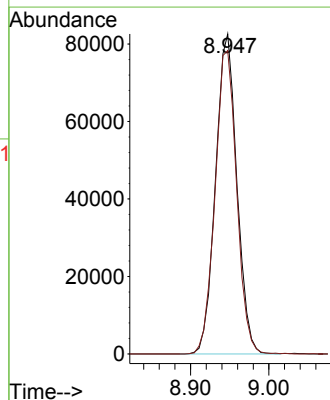
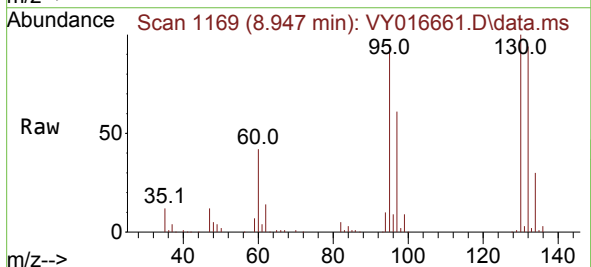
Instrument :
MSVOA_Y
ClientSampleId :

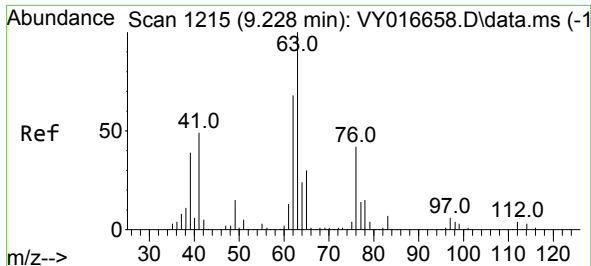
Tgt Ion: 43 Resp: 149011
Ion Ratio Lower Upper
43 100
61 32.5 21.1 31.7#
87 14.8 9.8 14.8#



#44
Trichloroethene
Concen: 54.900 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion:130 Resp: 156259
Ion Ratio Lower Upper
130 100
95 94.8 0.0 196.0

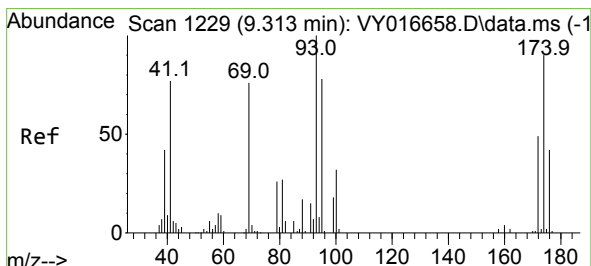
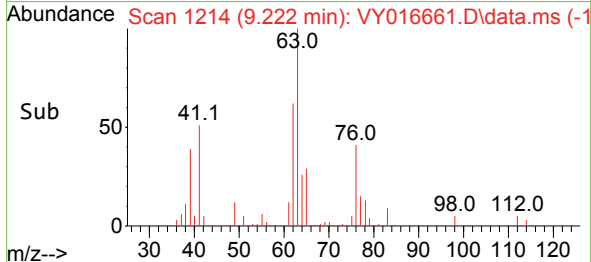
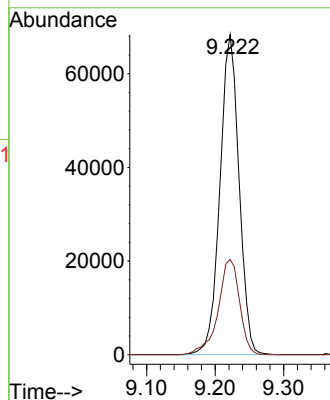
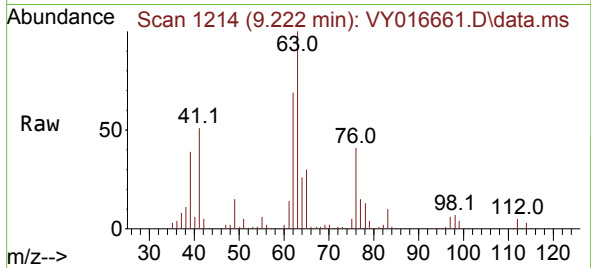




#45
1,2-Dichloropropane
Concen: 55.243 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

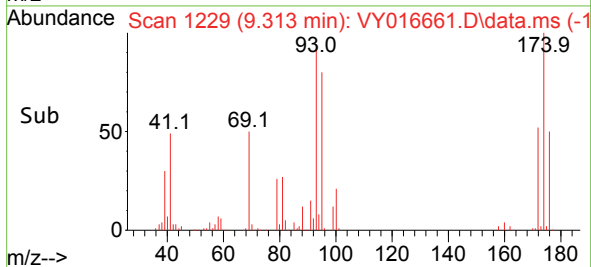
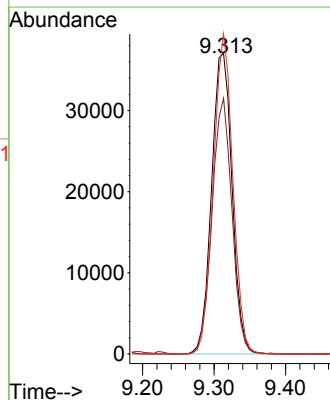
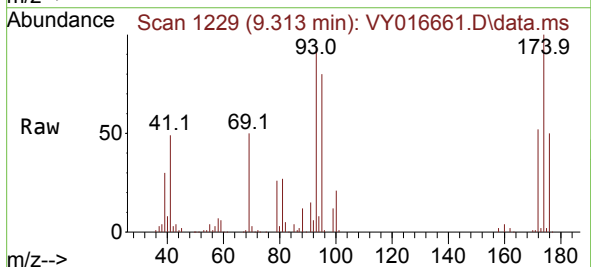
Instrument :
MSVOA_Y
ClientSampleId :

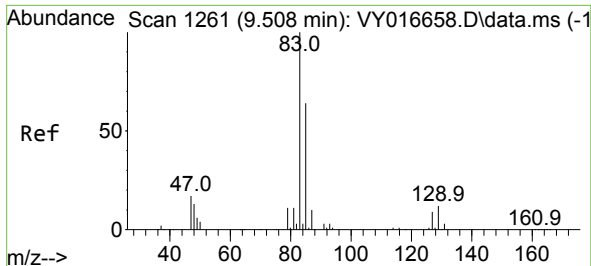
Tgt Ion: 63 Resp: 131892
Ion Ratio Lower Upper
63 100
65 29.8 23.8 35.6



#46
Dibromomethane
Concen: 55.876 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 93 Resp: 73775
Ion Ratio Lower Upper
93 100
95 82.3 66.6 100.0
174 101.2 84.8 127.2

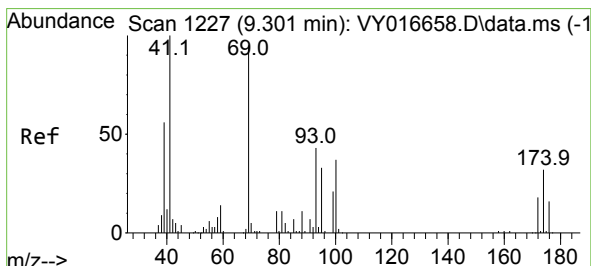
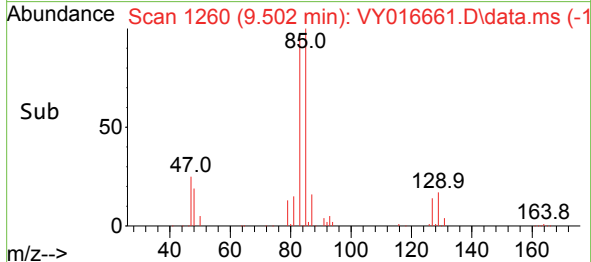
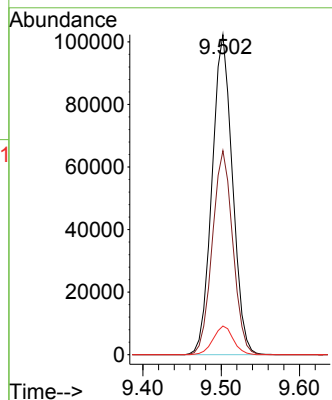
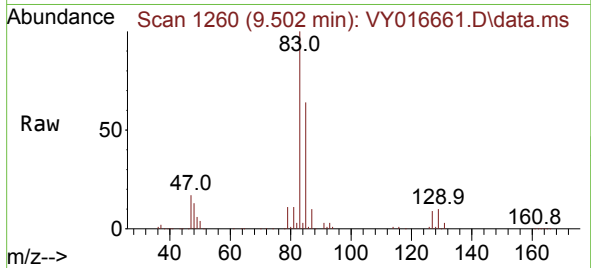




#47
Bromodichloromethane
Concen: 55.483 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

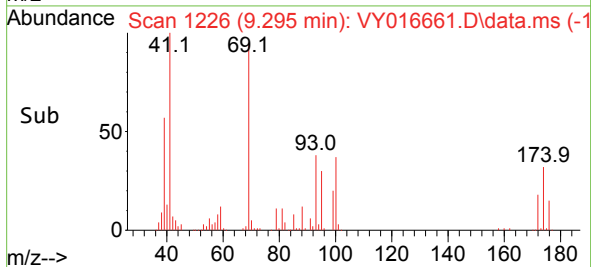
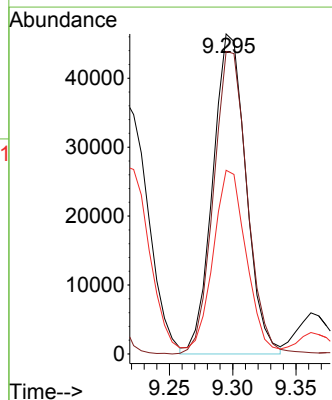
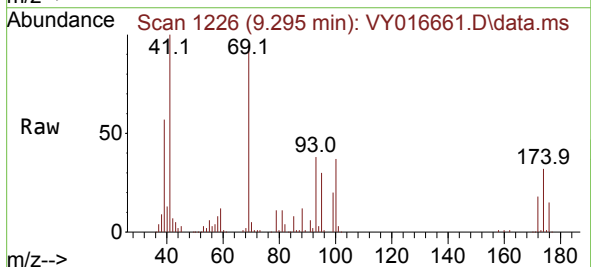
Instrument :
MSVOA_Y
ClientSampleId :

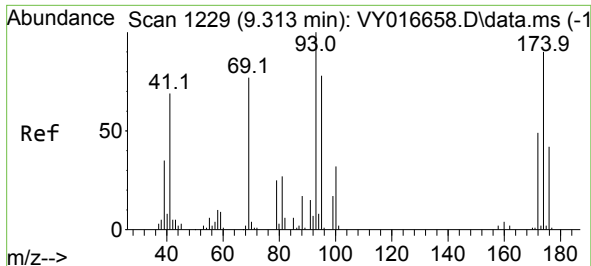
Tgt Ion: 83 Resp: 185094
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 57.971 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 41 Resp: 84776
Ion Ratio Lower Upper
41 100
69 95.4 64.5 96.7
39 54.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1100.425 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

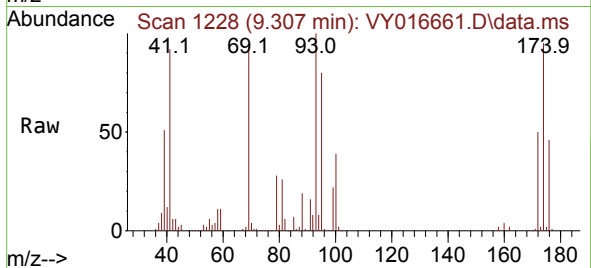
Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :



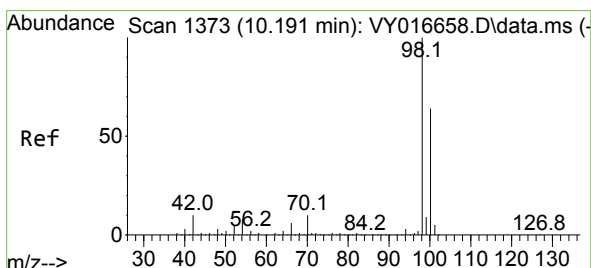
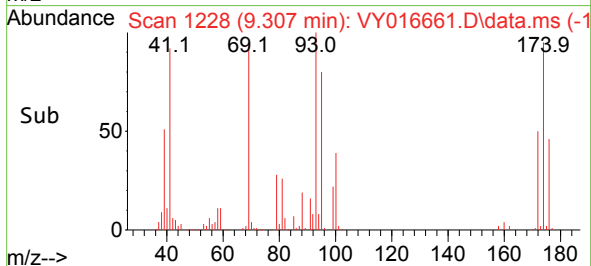
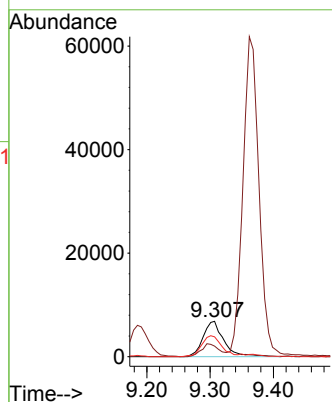
Tgt Ion: 88 Resp: 15564

Ion Ratio Lower Upper

88 100

43 31.1 0.0 0.0#

58 57.7 30.9 46.3#



#50

Toluene-d8

Concen: 45.768 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016661.D

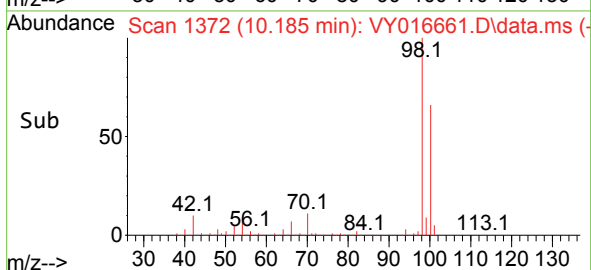
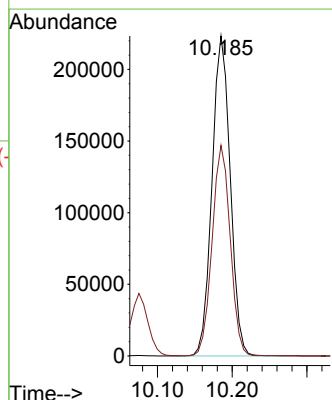
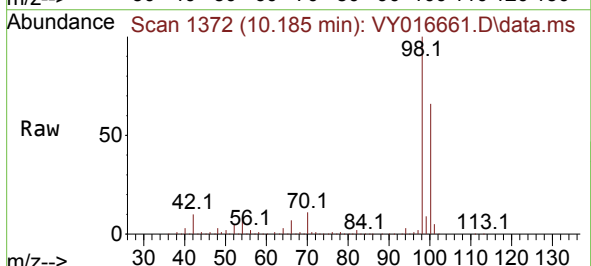
Acq: 15 Dec 2023 19:07

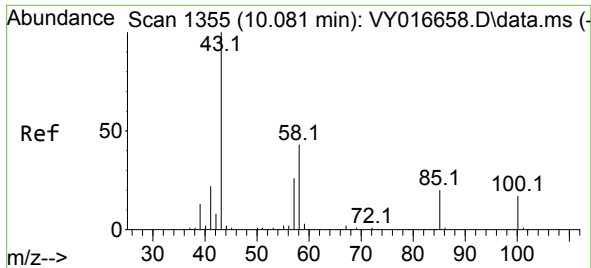
Tgt Ion: 98 Resp: 378370

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 276.679 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

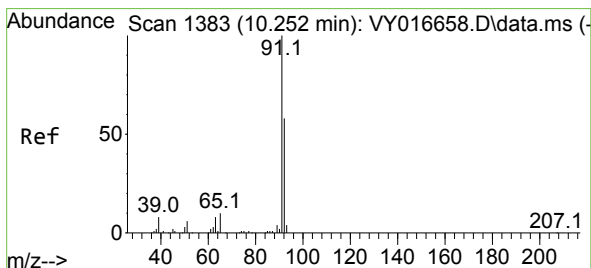
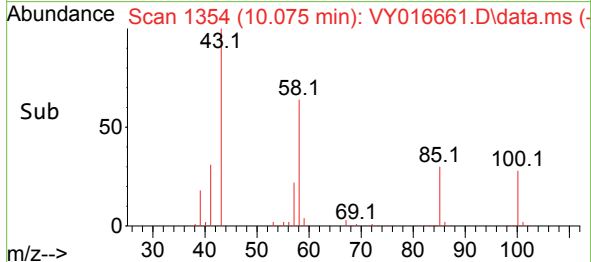
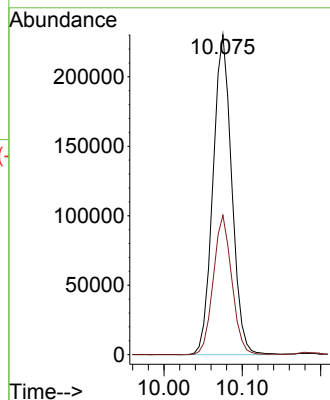
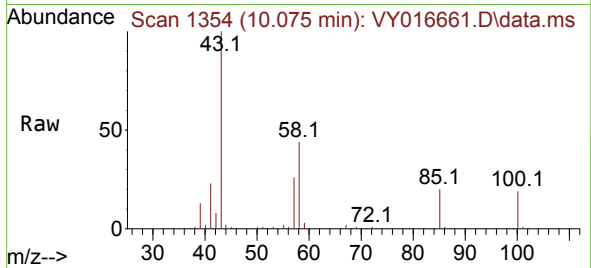
ClientSampleId :

Tgt Ion: 43 Resp: 383220

Ion Ratio Lower Upper

43 100

58 43.0 29.0 43.6



#52

Toluene

Concen: 55.014 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016661.D

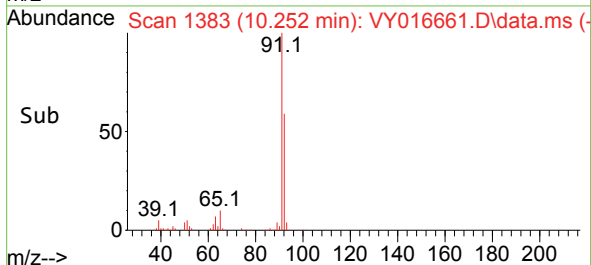
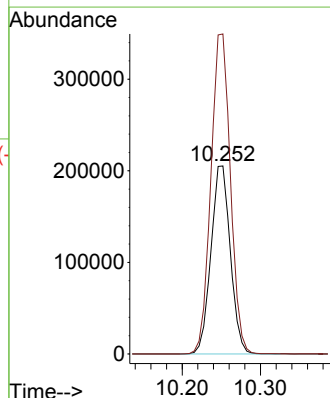
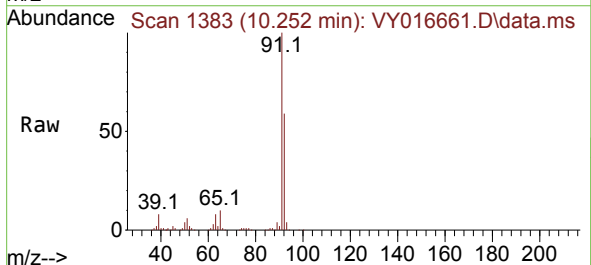
Acq: 15 Dec 2023 19:07

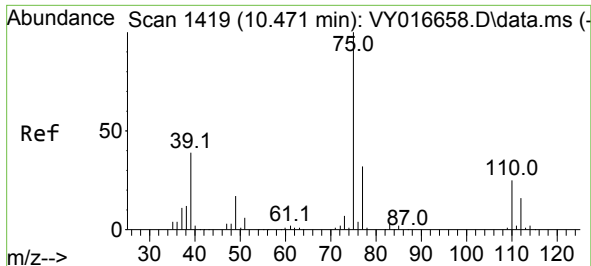
Tgt Ion: 92 Resp: 352172

Ion Ratio Lower Upper

92 100

91 171.9 143.8 215.6

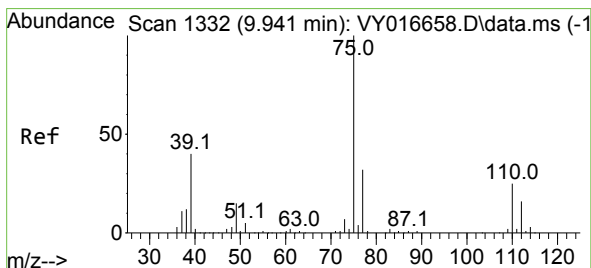
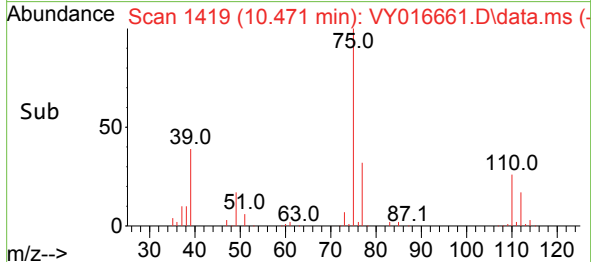
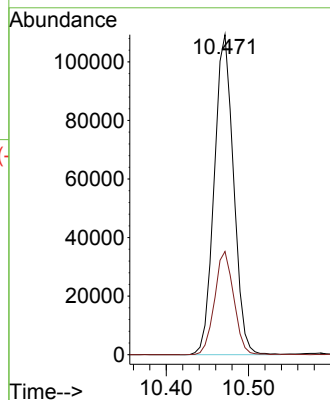
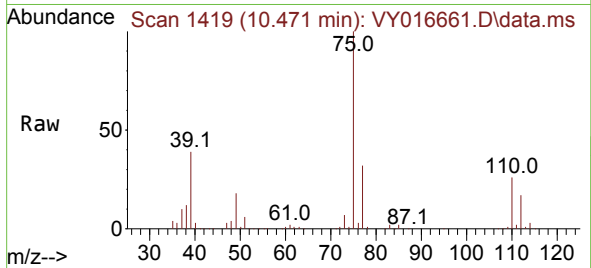




#53
t-1,3-Dichloropropene
Concen: 56.744 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

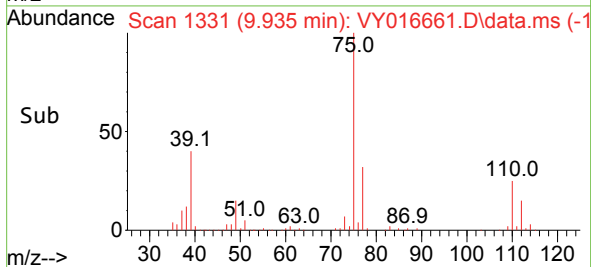
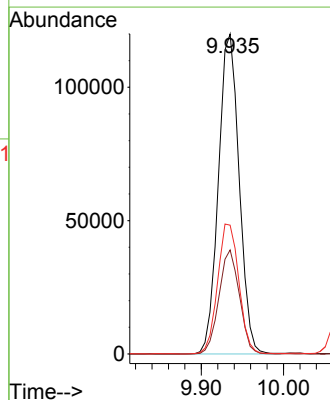
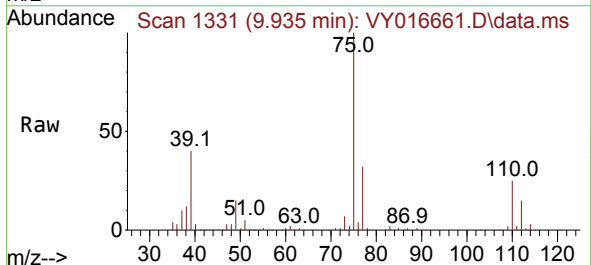
Instrument :
MSVOA_Y
ClientSampleId :

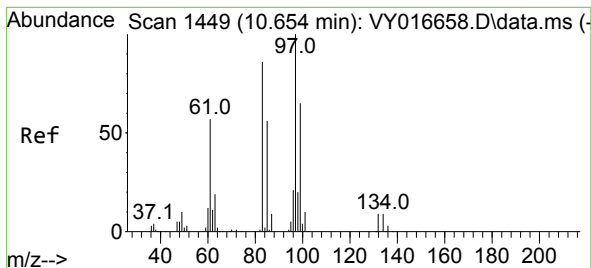
Tgt Ion: 75 Resp: 178580
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 55.630 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

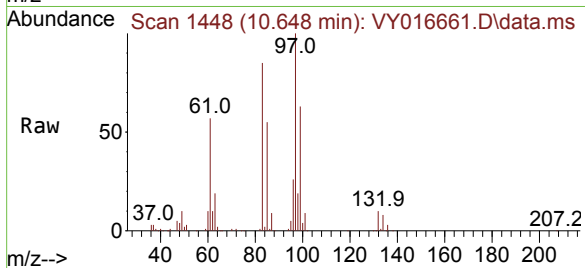
Tgt Ion: 75 Resp: 210498
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4
39 40.3 42.2 63.4#



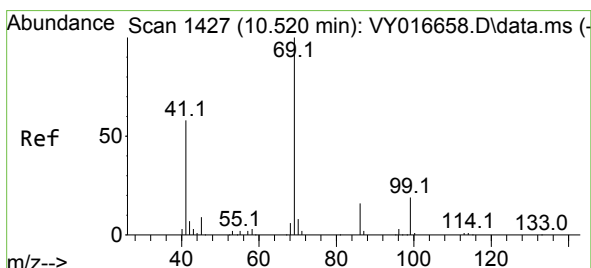
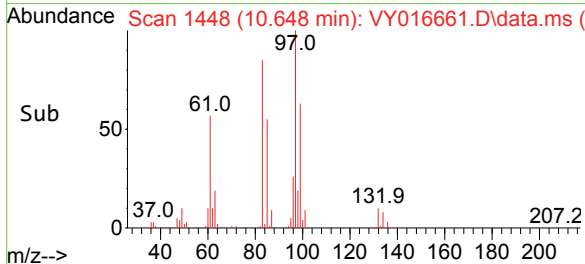
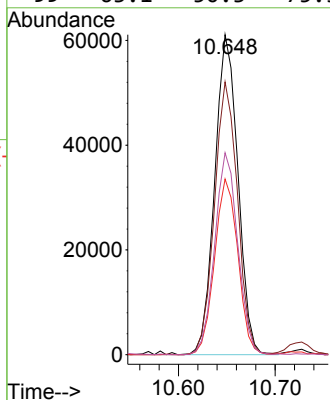


#55
 1,1,2-Trichloroethane
 Concen: 54.845 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: VY016661.D
 Acq: 15 Dec 2023 19:07

Instrument :
 MSVOA_Y
 ClientSampleId :

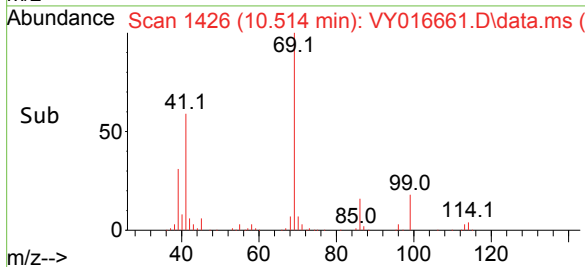
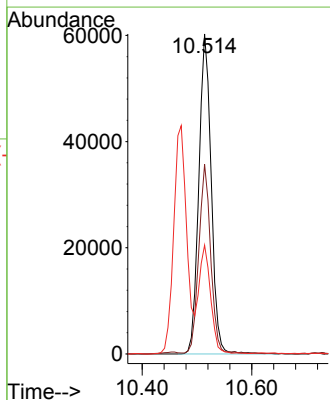
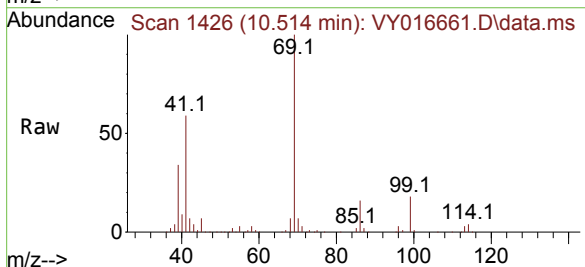


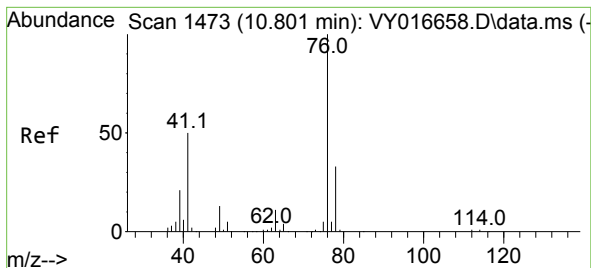
Tgt Ion:	97	Resp:	101749
Ion	Ratio	Lower	Upper
97	100		
83	85.2	72.0	108.0
85	54.9	45.4	68.0
99	63.1	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 58.862 ug/l
 RT: 10.514 min Scan# 1426
 Delta R.T. -0.006 min
 Lab File: VY016661.D
 Acq: 15 Dec 2023 19:07

Tgt Ion:	69	Resp:	94678
Ion	Ratio	Lower	Upper
69	100		
41	57.1	57.6	86.4#
39	31.2	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 56.125 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

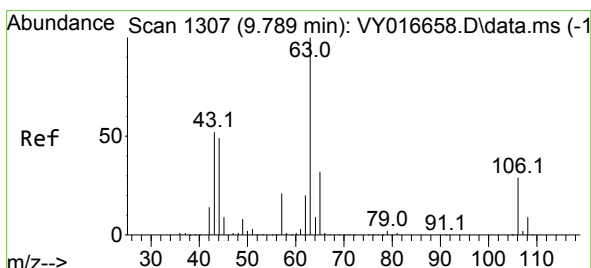
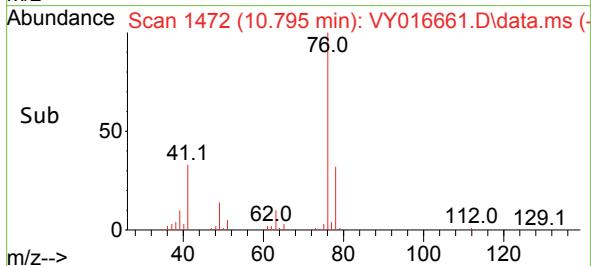
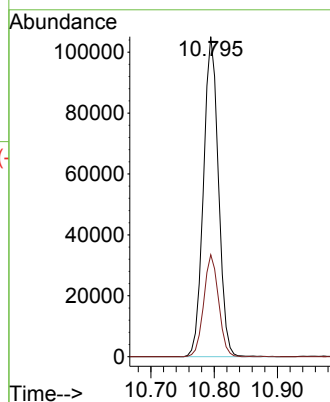
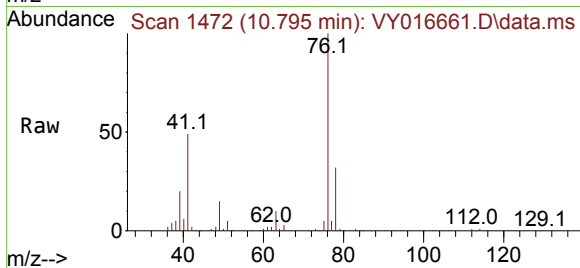
ClientSampleId :

Tgt Ion: 76 Resp: 173287

Ion Ratio Lower Upper

76 100

78 31.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 210.514 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016661.D

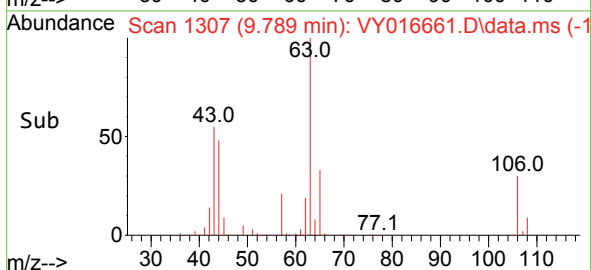
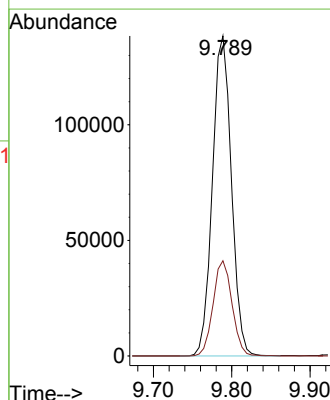
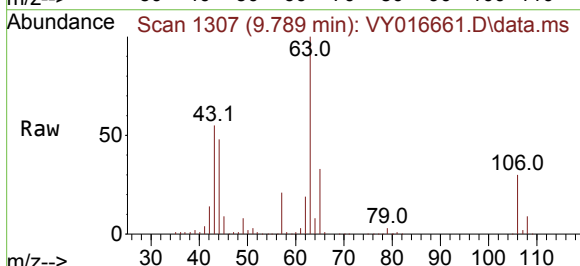
Acq: 15 Dec 2023 19:07

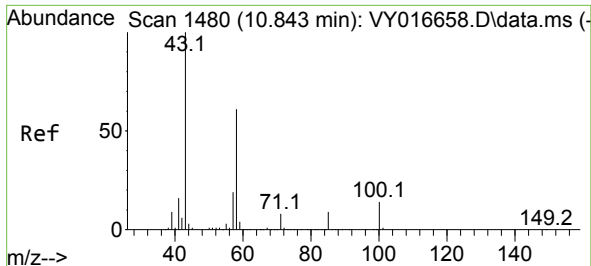
Tgt Ion: 63 Resp: 232929

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

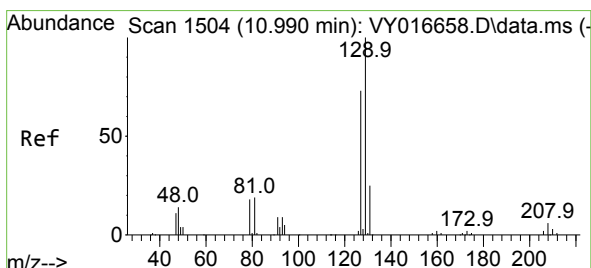
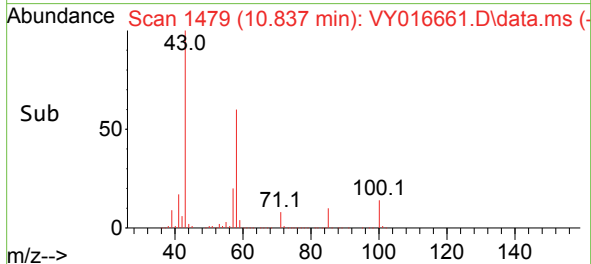
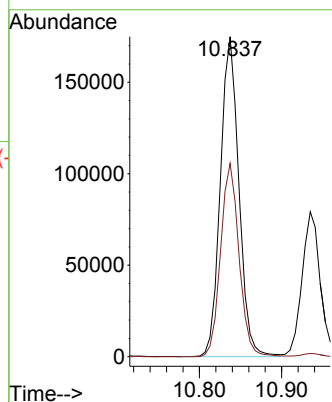
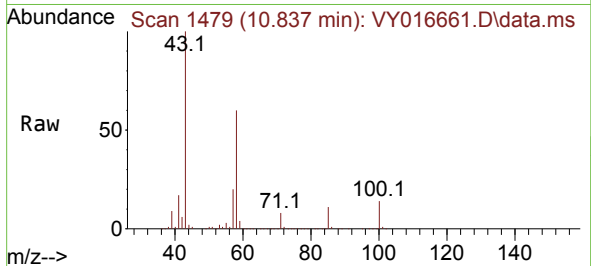




#59
2-Hexanone
Concen: 240.637 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

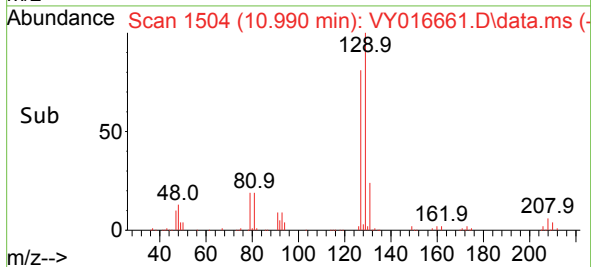
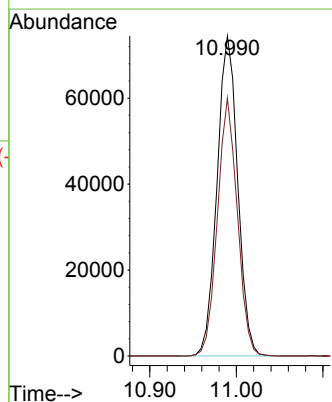
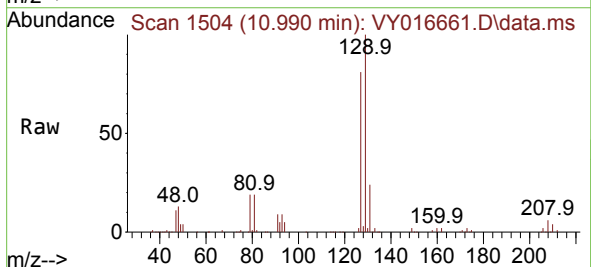
Instrument :
MSVOA_Y
ClientSampleId :

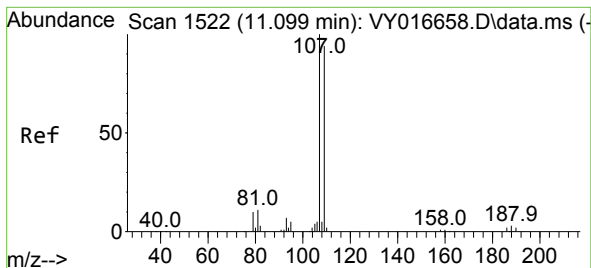
Tgt Ion: 43 Resp: 273440
Ion Ratio Lower Upper
43 100
58 60.2 25.1 75.3



#60
Dibromochloromethane
Concen: 54.842 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion:129 Resp: 123304
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

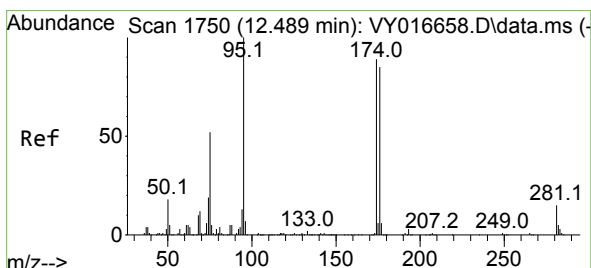
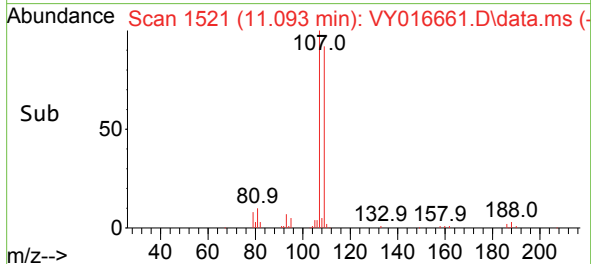
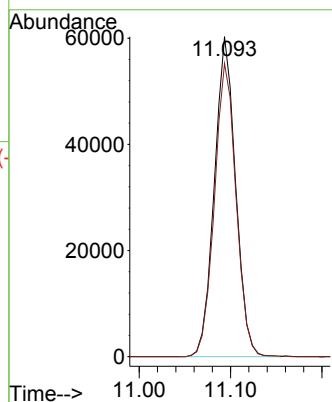
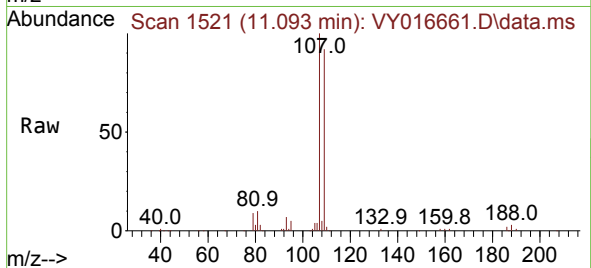




#61
1,2-Dibromoethane
Concen: 55.748 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

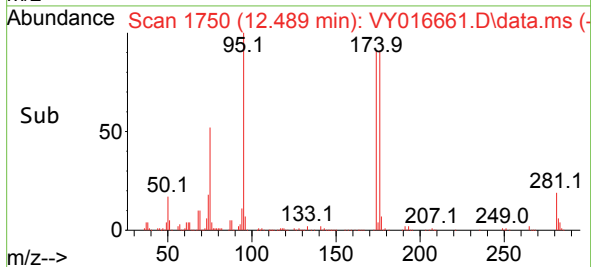
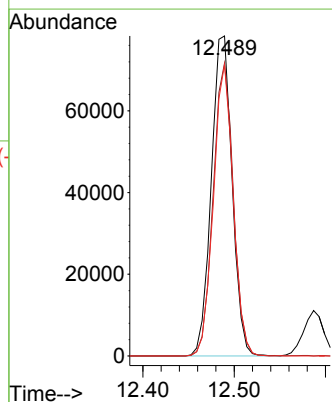
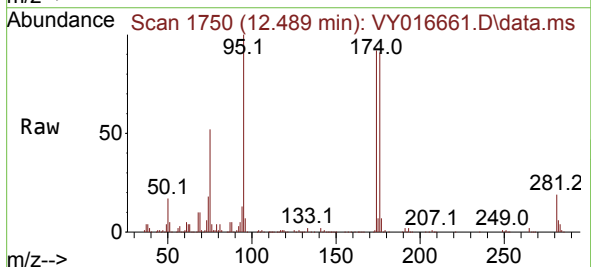
Instrument :
MSVOA_Y
ClientSampleId :

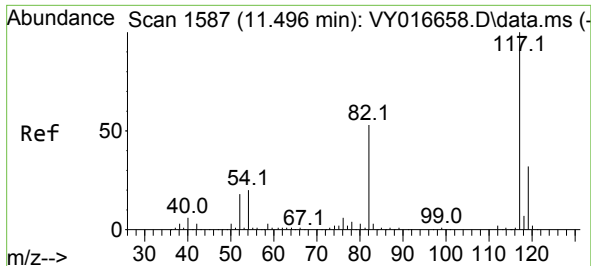
Tgt Ion:107 Resp: 97069
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.777 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 95 Resp: 123503
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 86.6 0.0 173.8

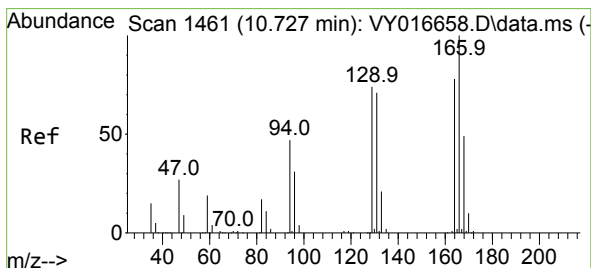
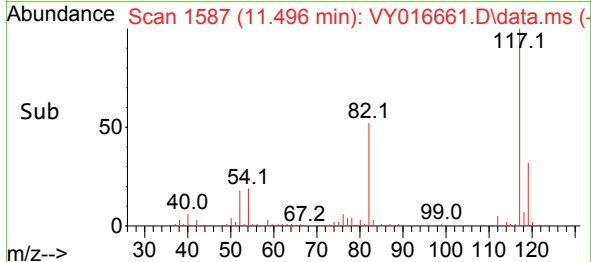
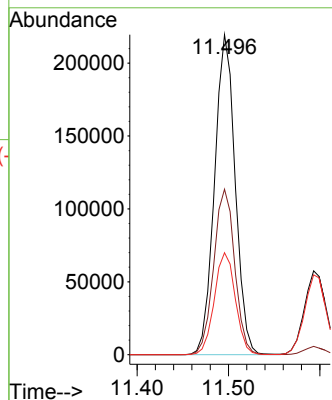
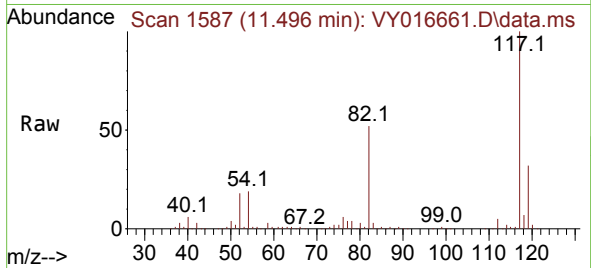




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

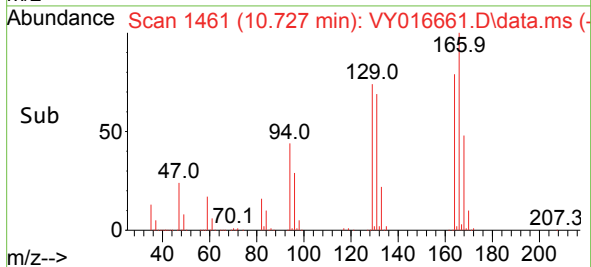
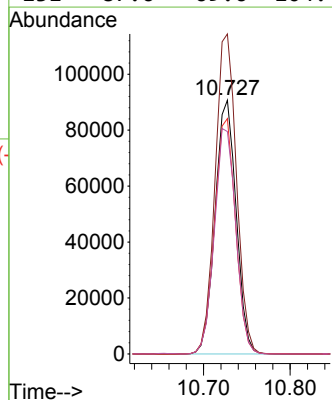
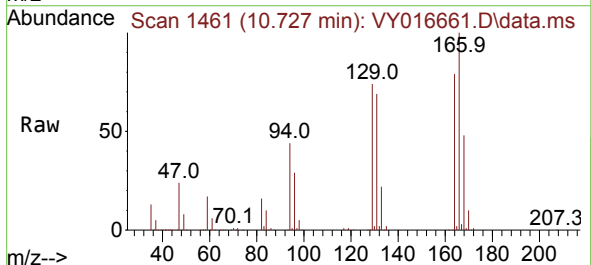
Instrument :
MSVOA_Y
ClientSampleId :

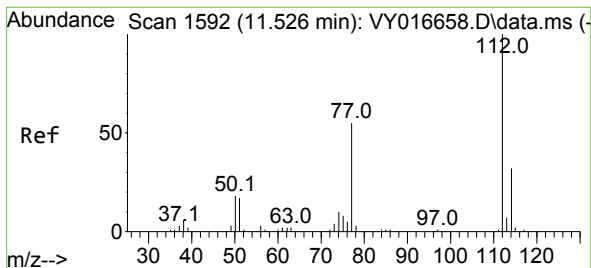
Tgt Ion:117 Resp: 344834
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 54.306 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion:164 Resp: 153420
Ion Ratio Lower Upper
164 100
166 126.1 103.0 154.6
129 92.8 77.2 115.8
131 87.6 69.6 104.4





#65

Chlorobenzene

Concen: 54.828 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

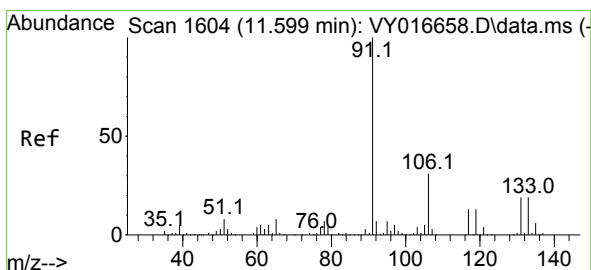
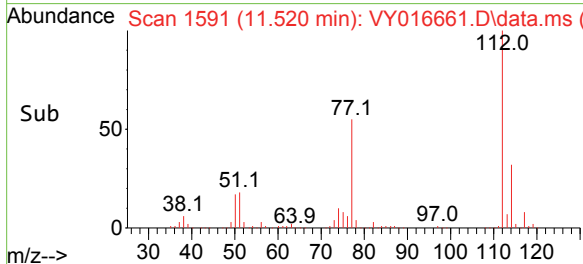
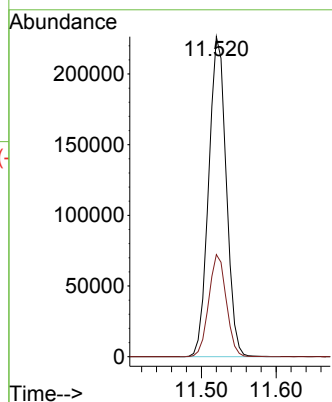
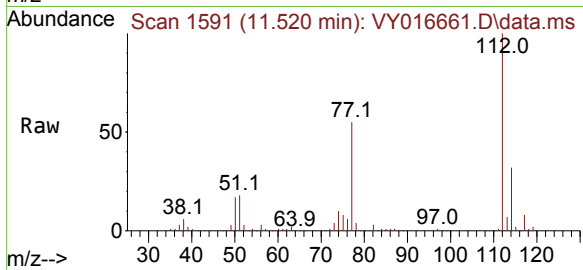
ClientSampleId :

Tgt Ion:112 Resp: 368773

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 55.883 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

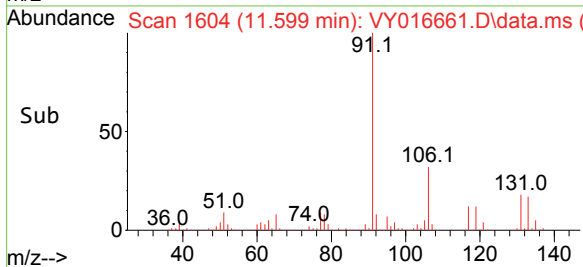
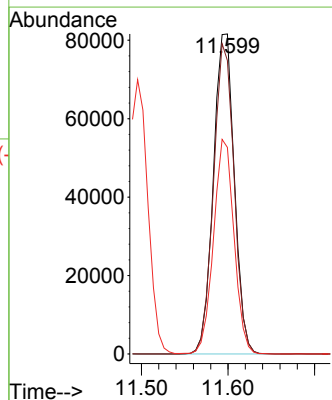
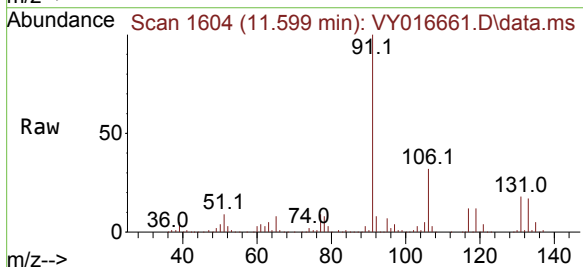
Tgt Ion:131 Resp: 137465

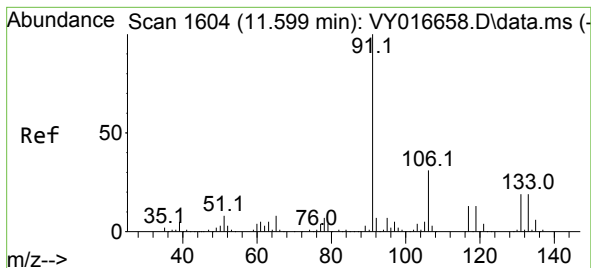
Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 55.458 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

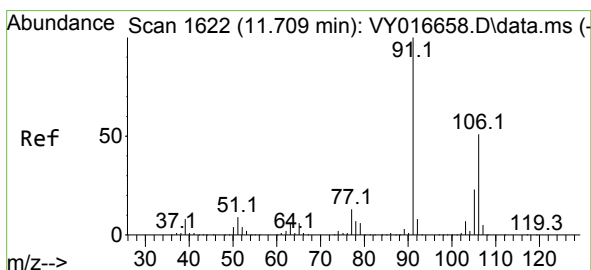
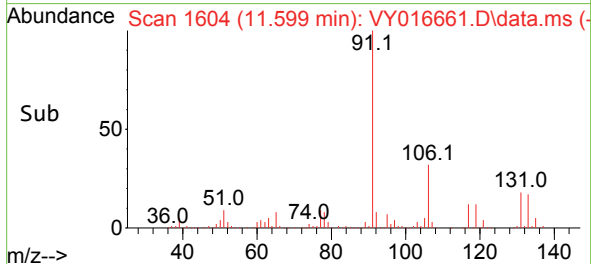
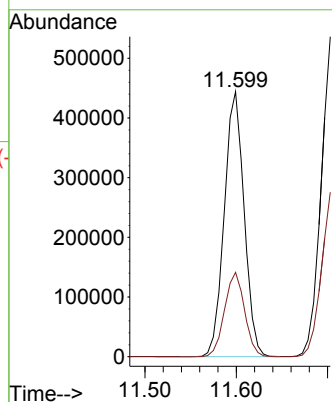
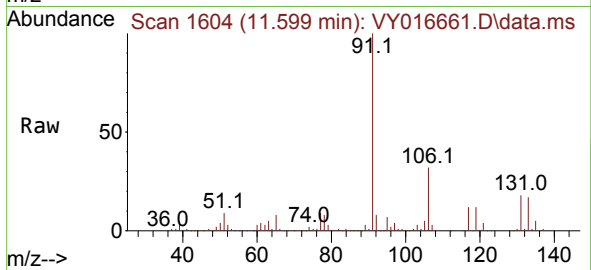
ClientSampleId :

Tgt Ion: 91 Resp: 671088

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 112.257 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016661.D

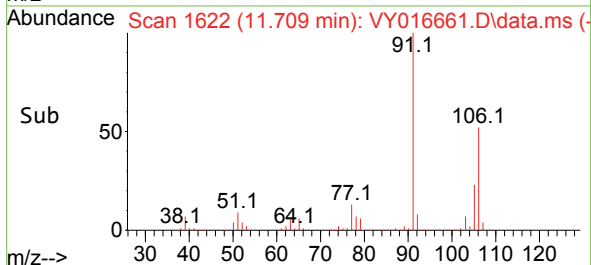
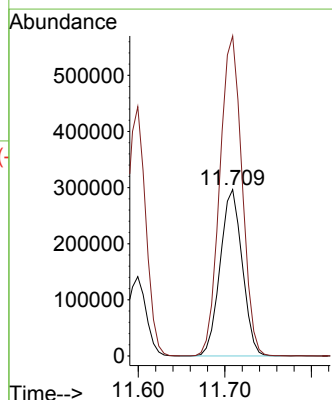
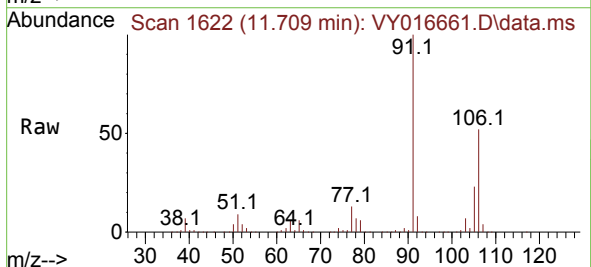
Acq: 15 Dec 2023 19:07

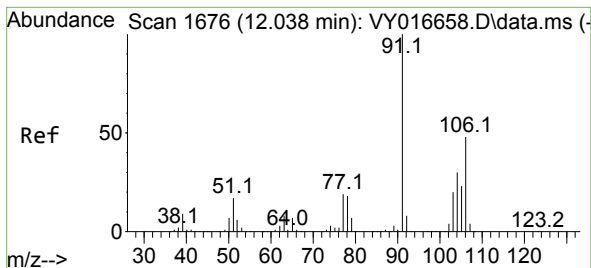
Tgt Ion:106 Resp: 524053

Ion Ratio Lower Upper

106 100

91 193.9 166.1 249.1





#69

o-Xylene

Concen: 56.770 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

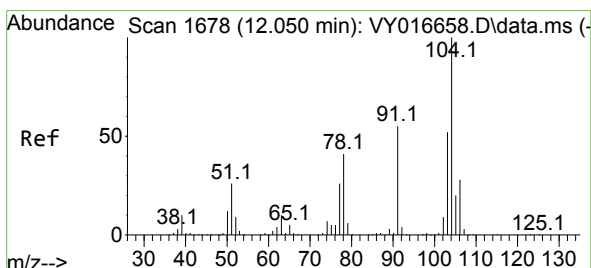
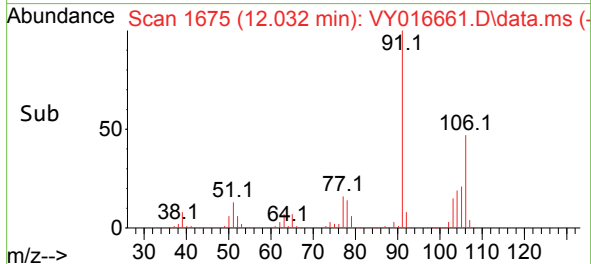
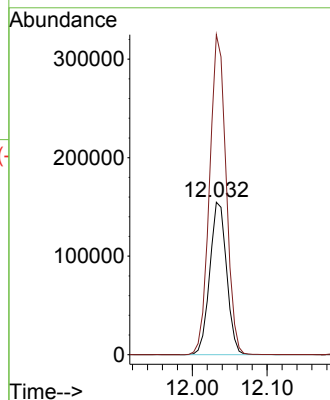
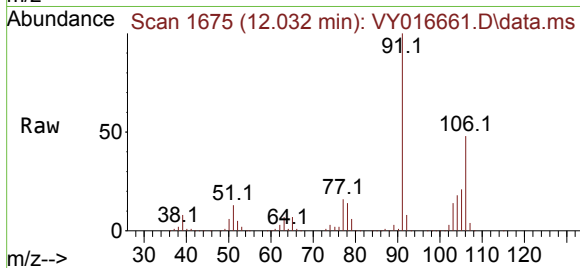
ClientSampleId :

Tgt Ion:106 Resp: 242409

Ion Ratio Lower Upper

106 100

91 206.1 108.1 324.3



#70

Styrene

Concen: 57.553 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

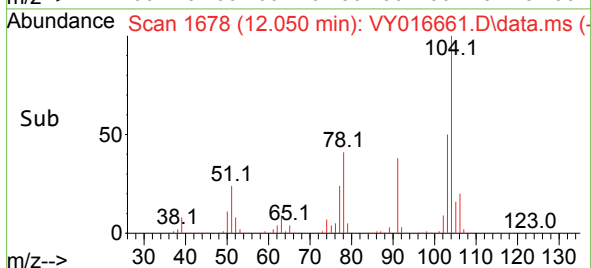
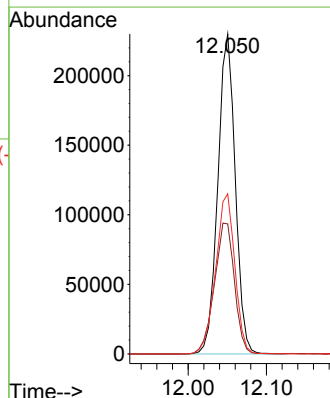
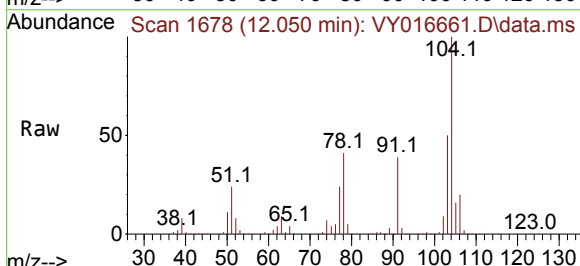
Tgt Ion:104 Resp: 356053

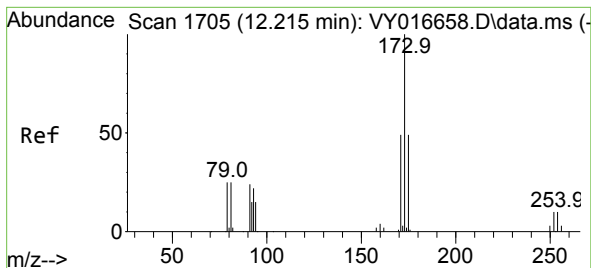
Ion Ratio Lower Upper

104 100

78 47.1 41.5 62.3

103 55.1 44.6 67.0





#71

Bromoform

Concen: 55.843 ug/l

RT: 12.209 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016661.D

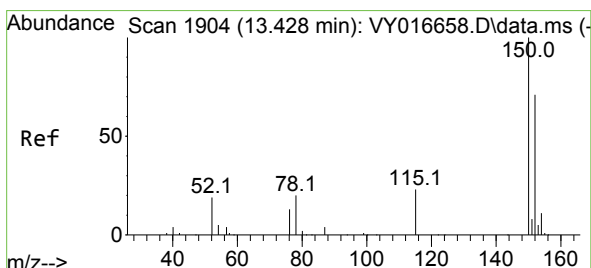
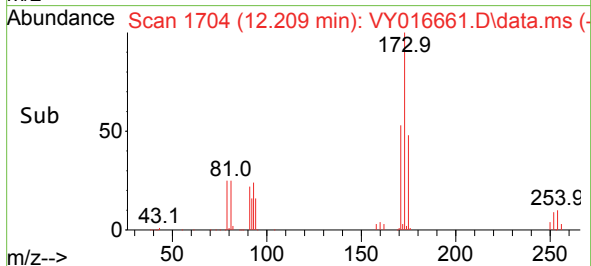
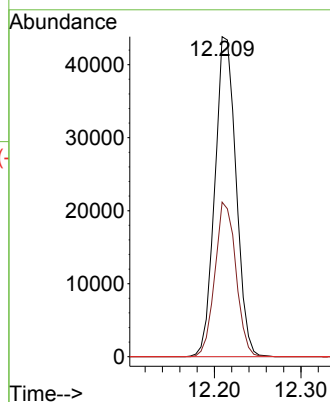
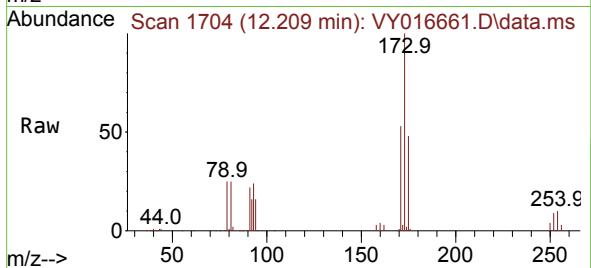
Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	74494
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

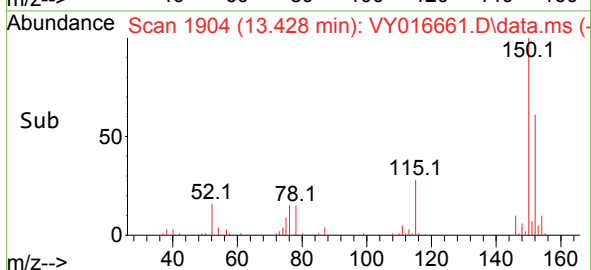
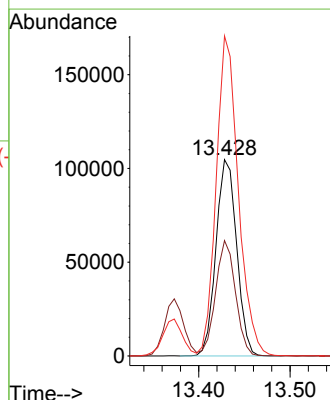
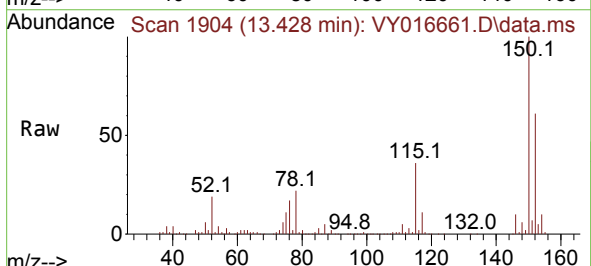
RT: 13.428 min Scan# 1904

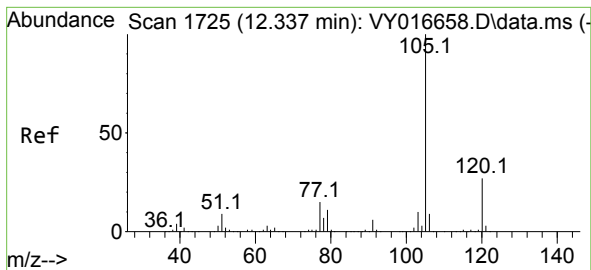
Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Tgt Ion:152	Resp:	164878
Ion Ratio	Lower	Upper
152	100	
115	56.5	28.8 86.5
150	174.4	0.0 348.8





#73

Isopropylbenzene

Concen: 55.542 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

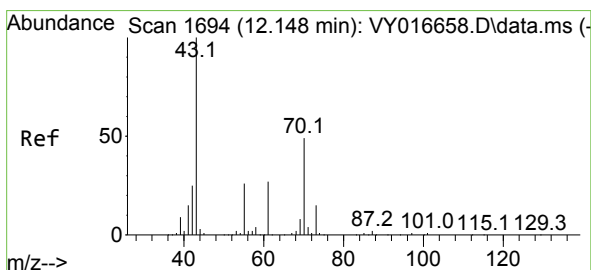
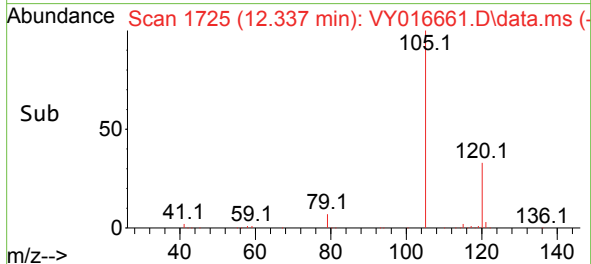
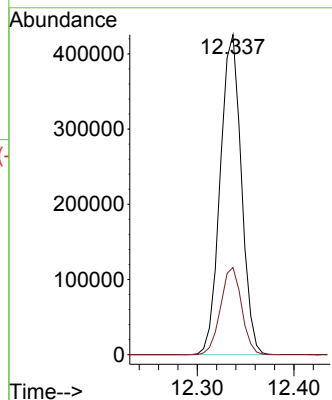
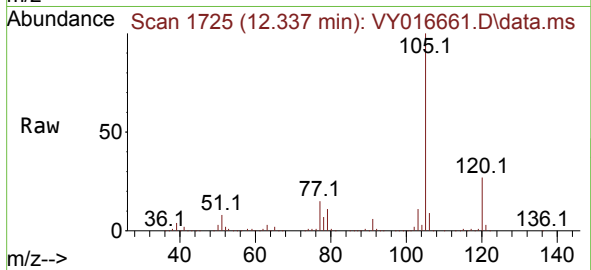
ClientSampleId :

Tgt Ion:105 Resp: 644137

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 56.614 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Tgt Ion: 43 Resp: 123061

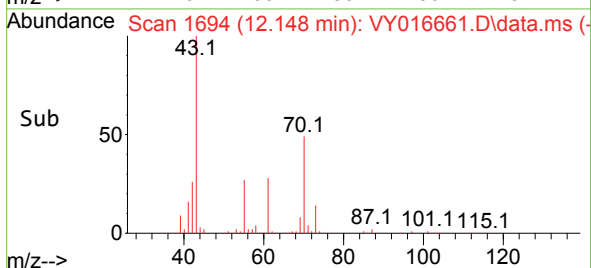
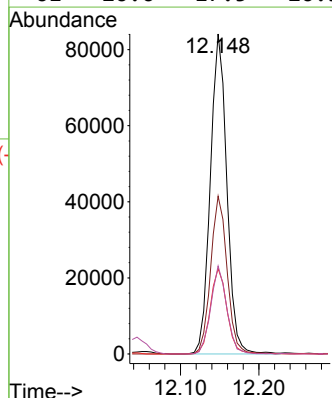
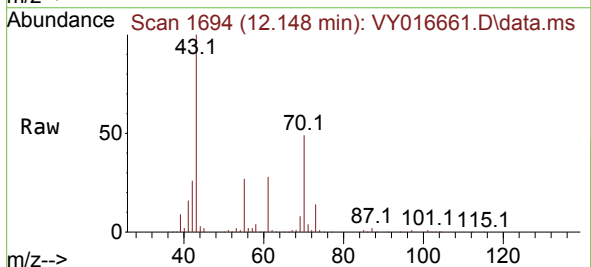
Ion Ratio Lower Upper

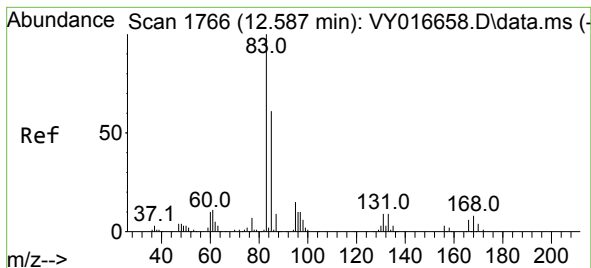
43 100

70 49.2 29.7 44.5#

55 27.0 18.3 27.5

61 26.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 53.634 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

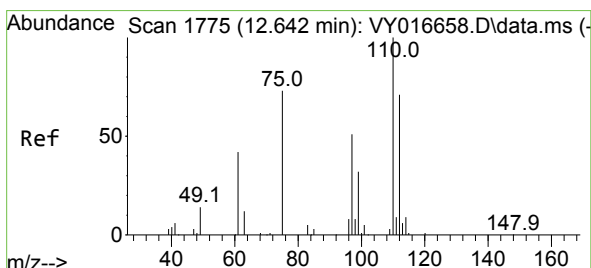
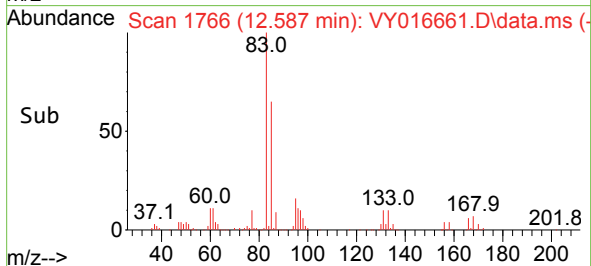
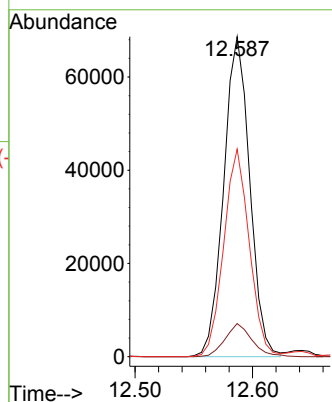
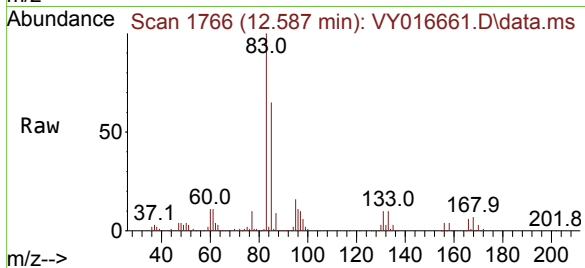
Tgt Ion: 83 Resp: 105820

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 92.360 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016661.D

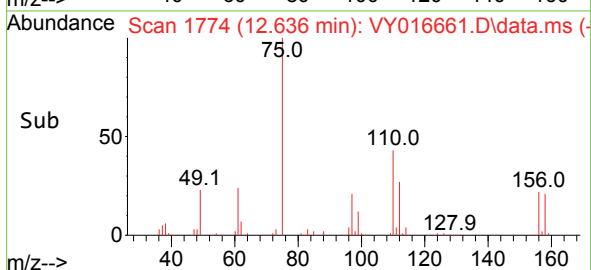
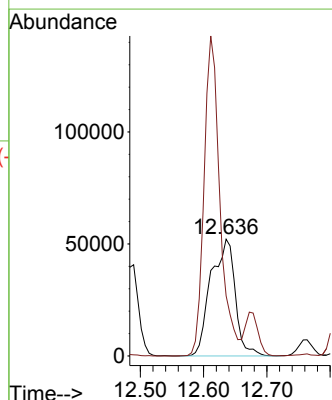
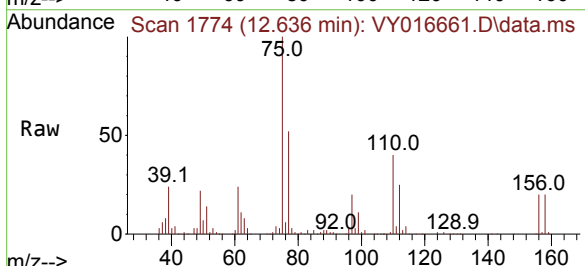
Acq: 15 Dec 2023 19:07

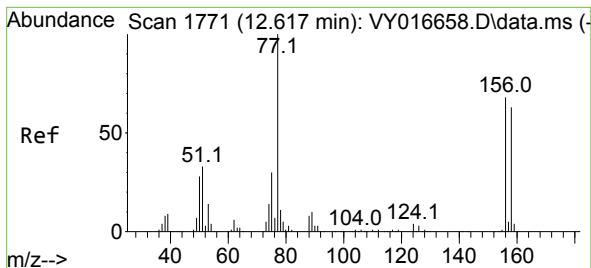
Tgt Ion: 75 Resp: 139488

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.805 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

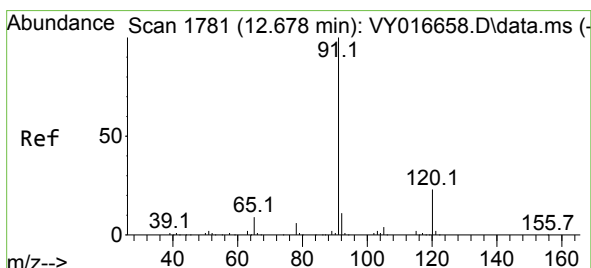
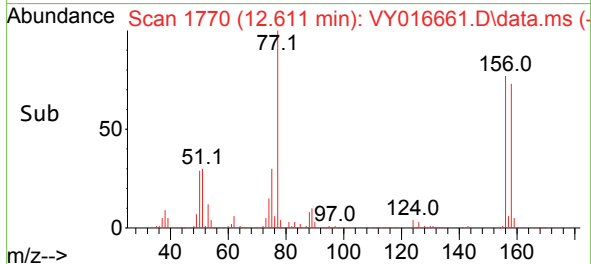
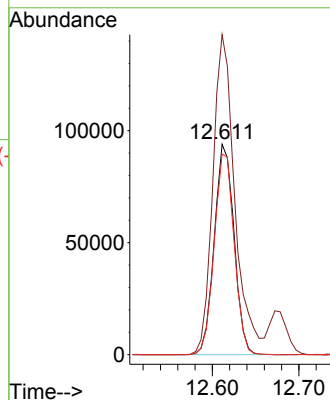
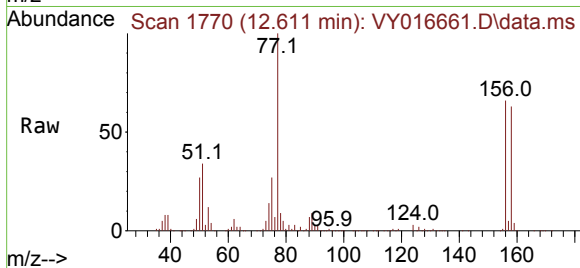
Tgt Ion:156 Resp: 148911

Ion Ratio Lower Upper

156 100

77 167.5 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 54.870 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016661.D

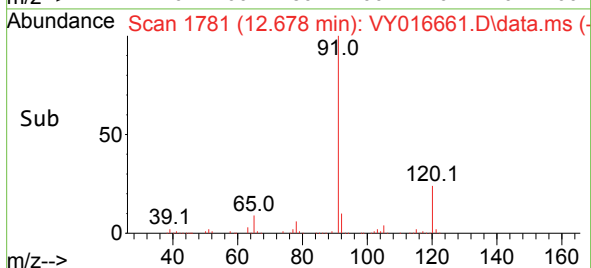
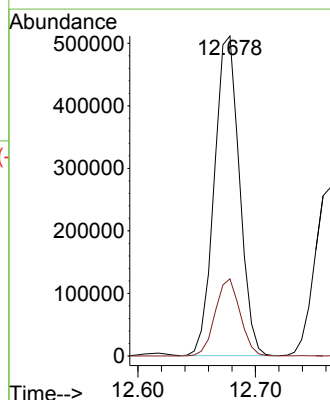
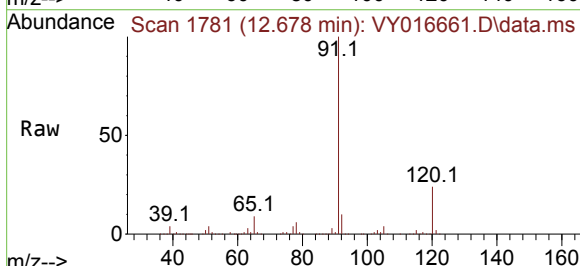
Acq: 15 Dec 2023 19:07

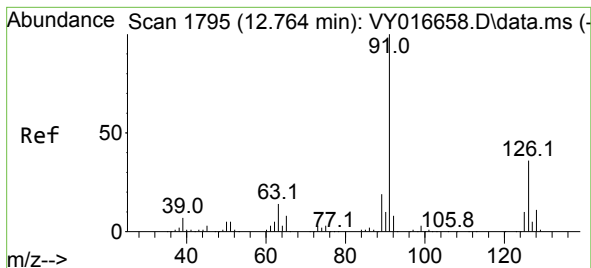
Tgt Ion: 91 Resp: 760601

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.789 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

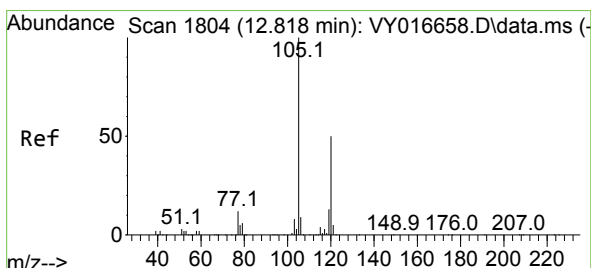
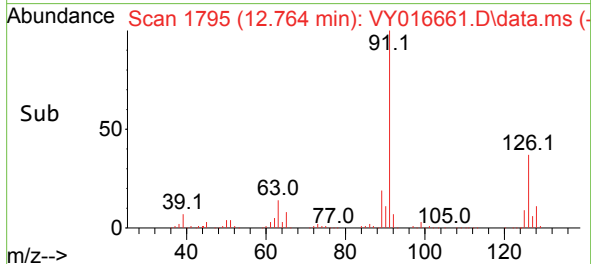
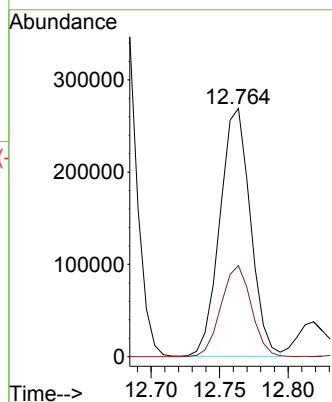
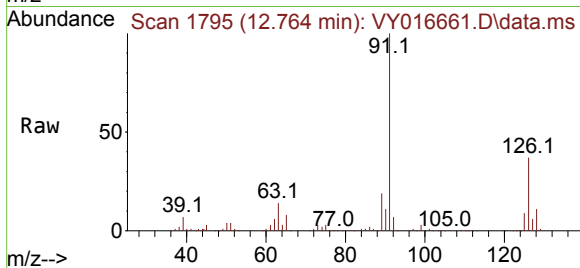
ClientSampleId :

Tgt Ion: 91 Resp: 417055

Ion Ratio Lower Upper

91 100

126 36.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 56.474 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016661.D

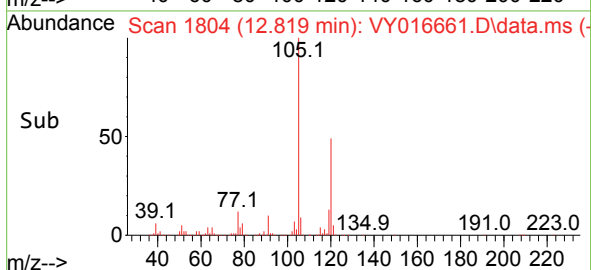
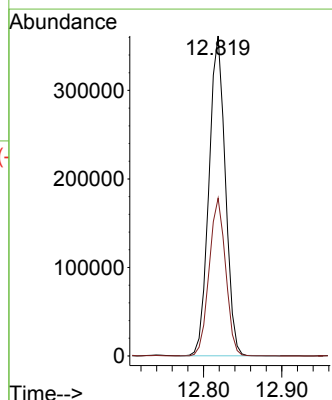
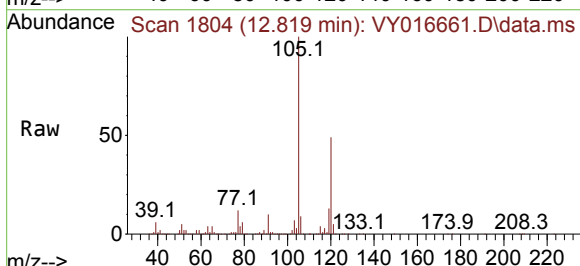
Acq: 15 Dec 2023 19:07

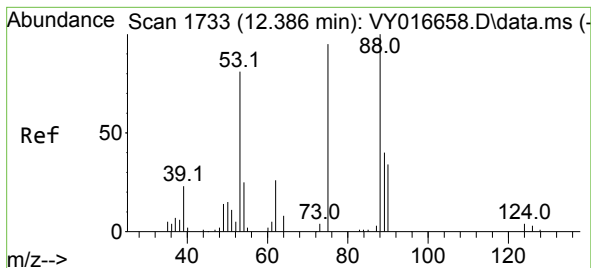
Tgt Ion: 105 Resp: 523691

Ion Ratio Lower Upper

105 100

120 49.6 23.9 71.7

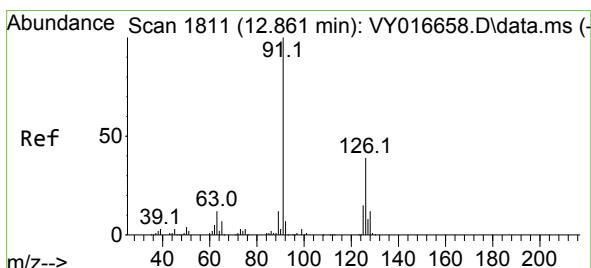
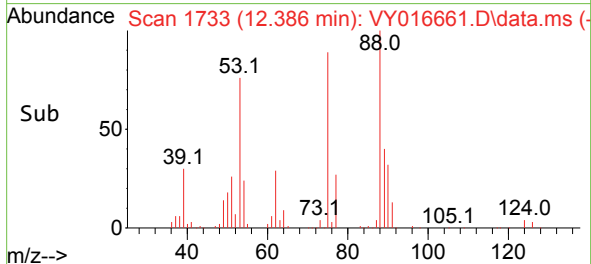
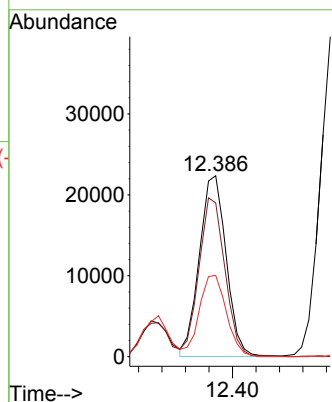
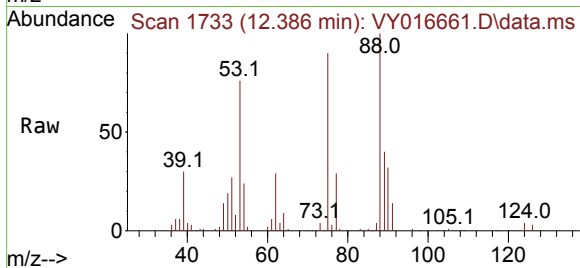




#81
trans-1,4-Dichloro-2-butene
Concen: 53.581 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

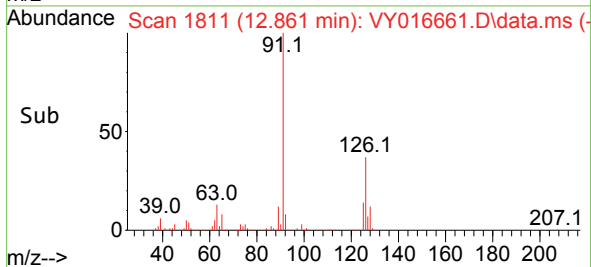
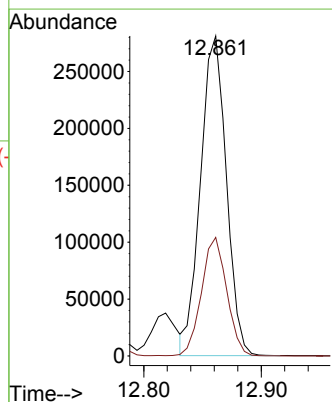
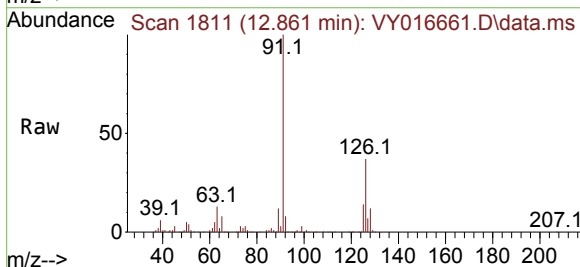
Instrument :
MSVOA_Y
ClientSampleId :

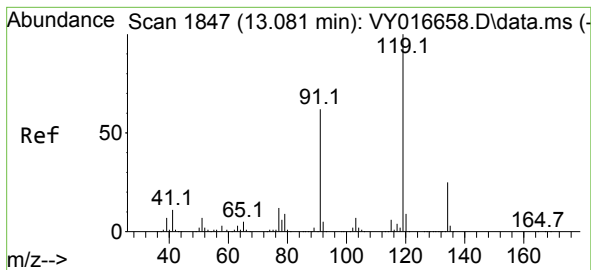
Tgt Ion: 75 Resp: 35411
Ion Ratio Lower Upper
75 100
53 85.6 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 54.414 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 91 Resp: 428320
Ion Ratio Lower Upper
91 100
126 36.4 17.2 51.6

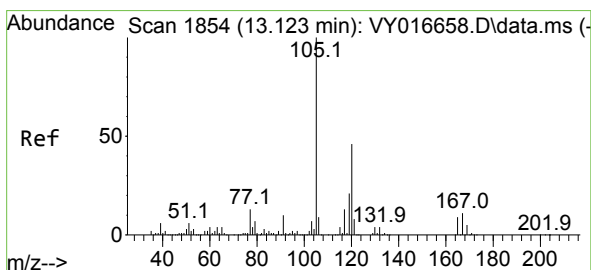
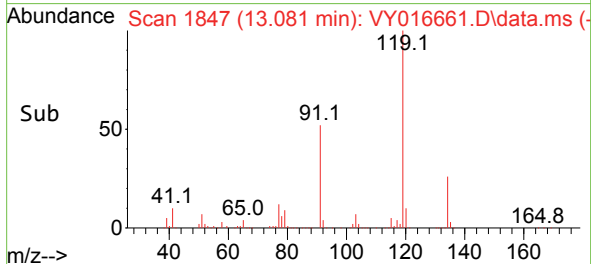
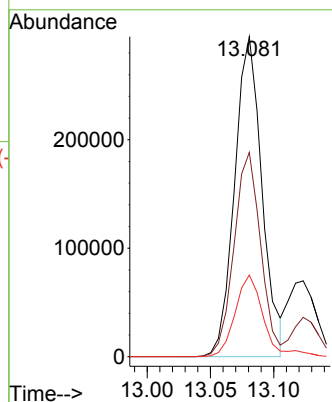
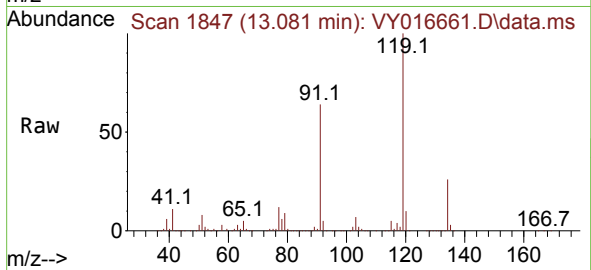




#83
tert-Butylbenzene
Concen: 54.970 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

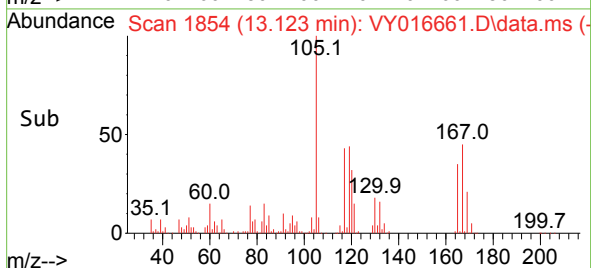
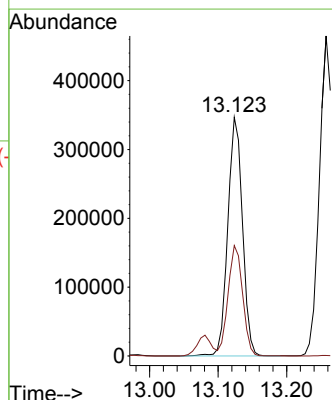
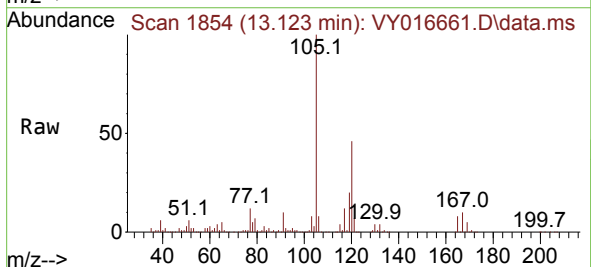
Instrument :
MSVOA_Y
ClientSampleId :

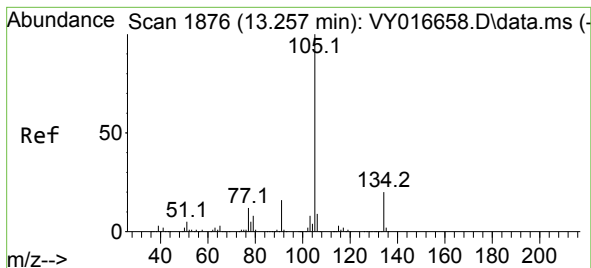
Tgt Ion:119 Resp: 444797
Ion Ratio Lower Upper
119 100
91 62.0 32.9 98.6
134 26.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 55.855 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion:105 Resp: 513688
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 55.858 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

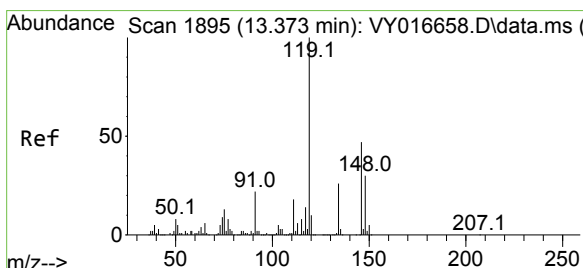
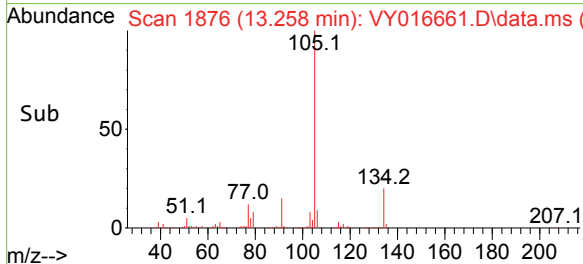
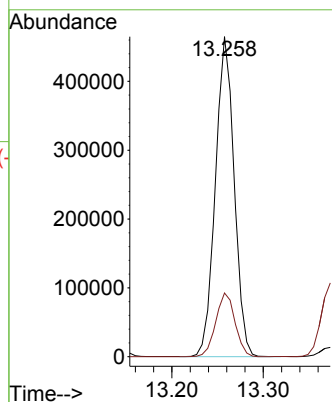
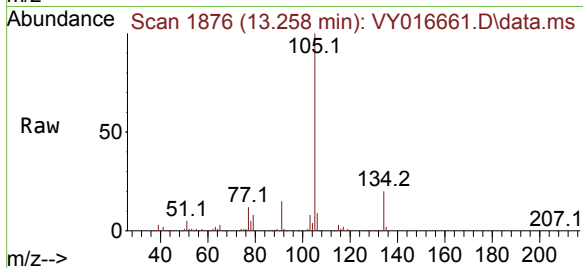
ClientSampleId :

Tgt Ion:105 Resp: 663211

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 57.020 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

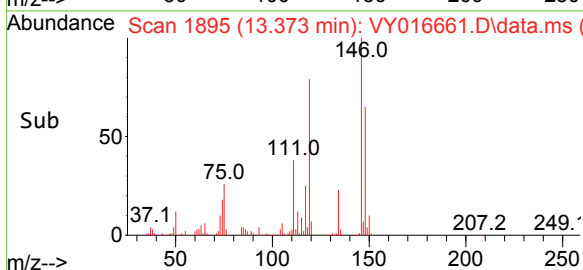
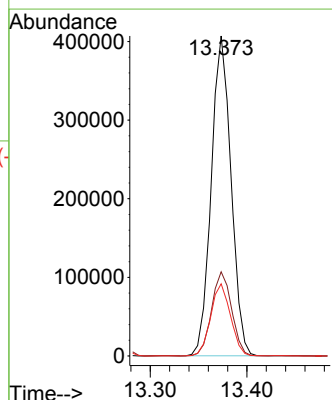
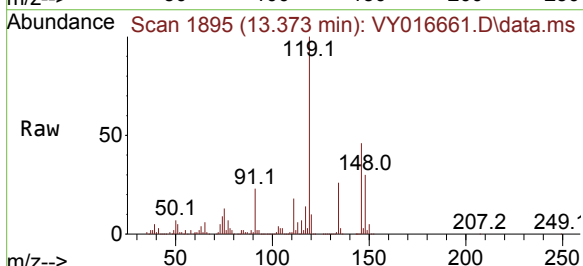
Tgt Ion:119 Resp: 578018

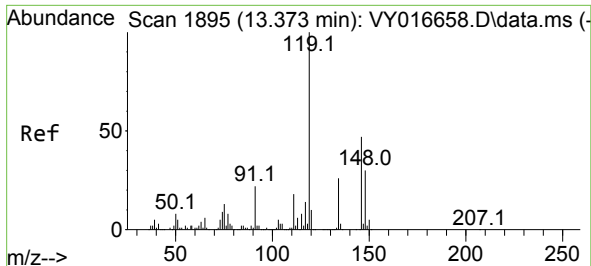
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.5 12.4 37.4

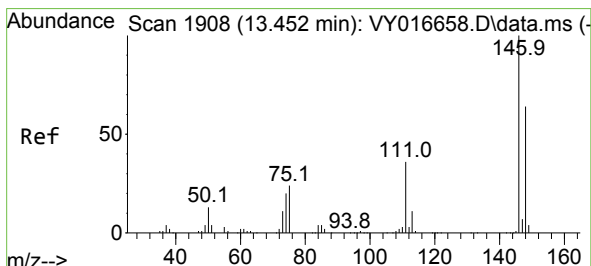
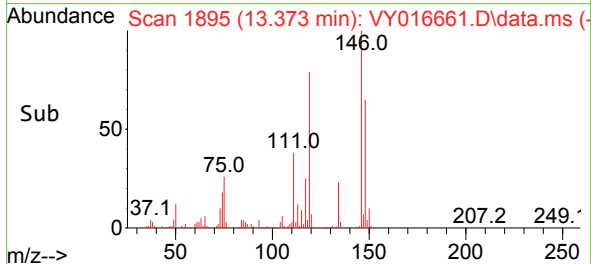
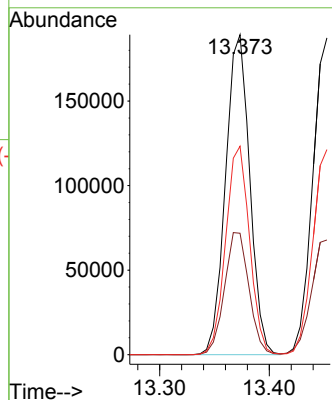
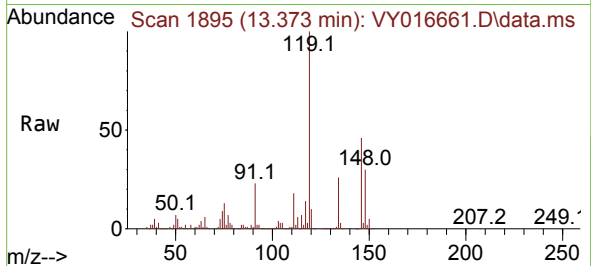




#87
1,3-Dichlorobenzene
Concen: 54.841 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

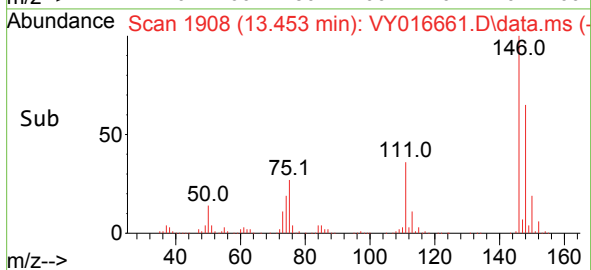
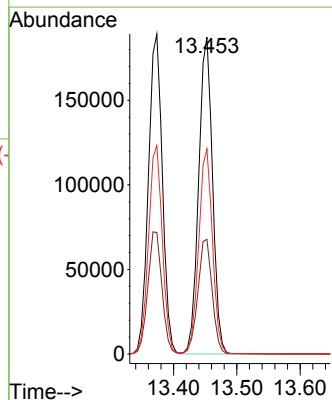
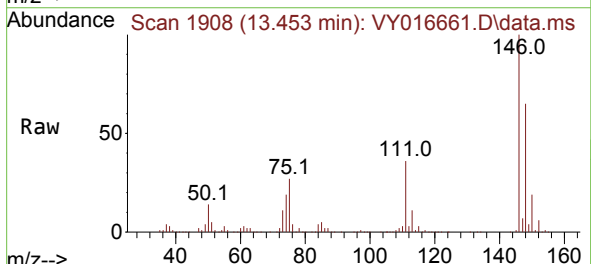
Instrument :
MSVOA_Y
ClientSampleId :

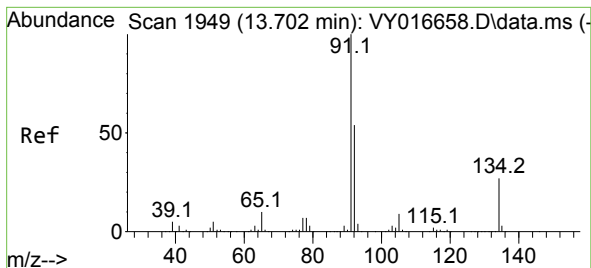
Tgt Ion:146 Resp: 289614
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 64.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 55.091 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion:146 Resp: 286077
Ion Ratio Lower Upper
146 100
111 37.3 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 56.472 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

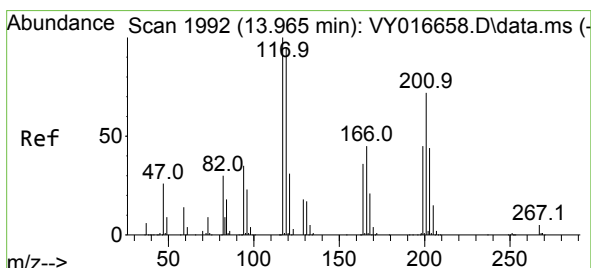
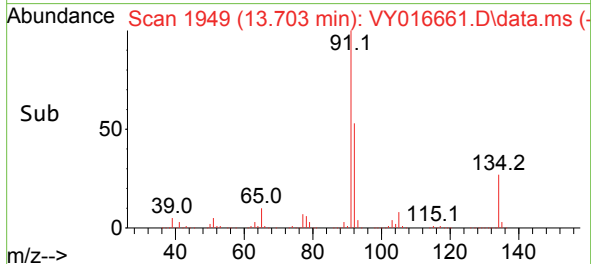
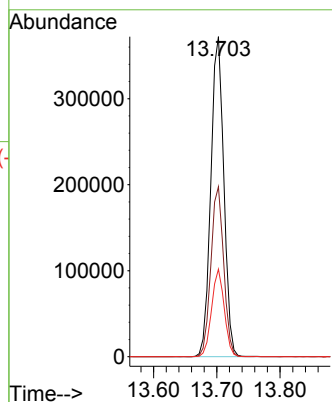
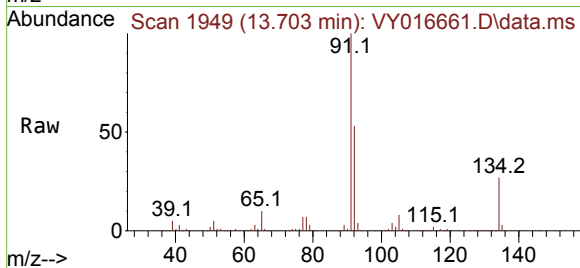
Tgt Ion: 91 Resp: 531810

Ion Ratio Lower Upper

91 100

92 52.4 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 53.239 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY016661.D

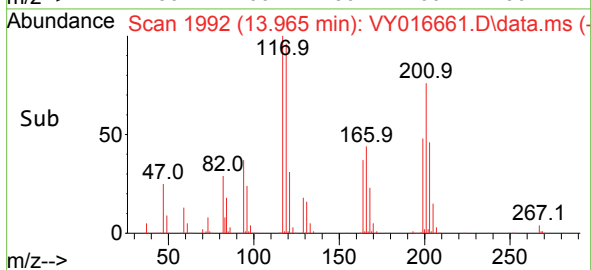
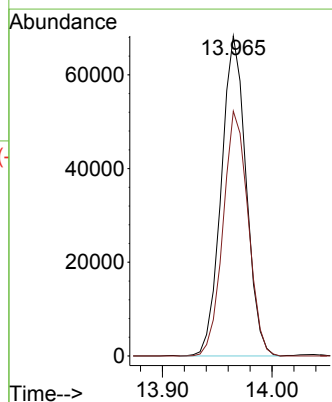
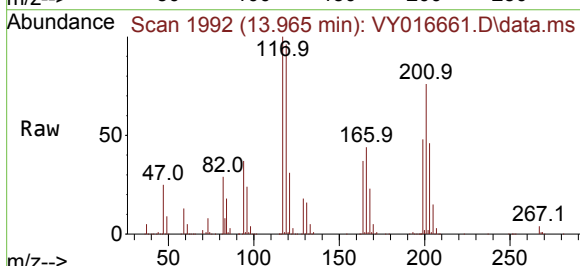
Acq: 15 Dec 2023 19:07

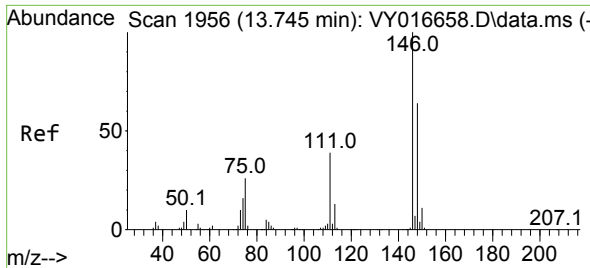
Tgt Ion: 117 Resp: 107419

Ion Ratio Lower Upper

117 100

201 77.0 41.6 124.8

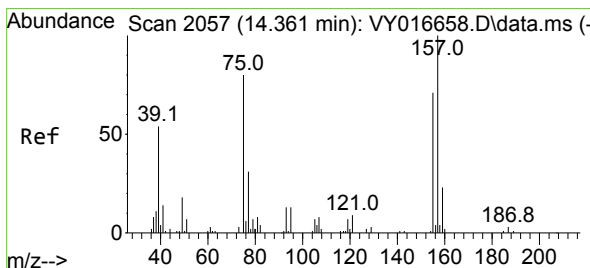
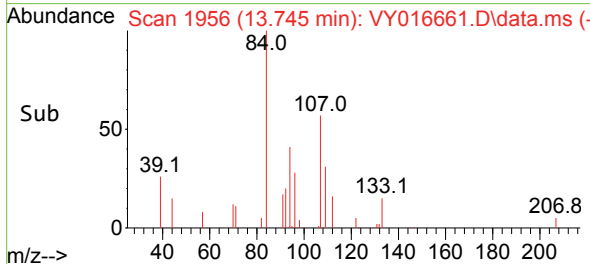
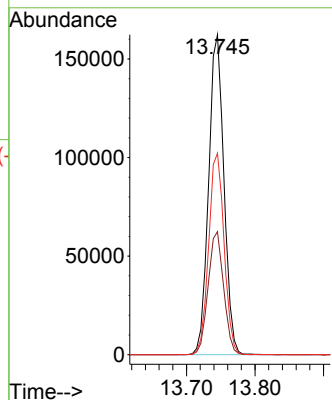
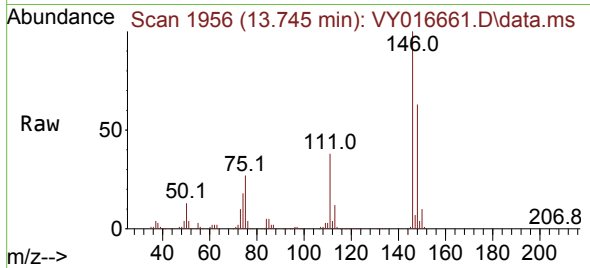




#91
1,2-Dichlorobenzene
Concen: 55.566 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

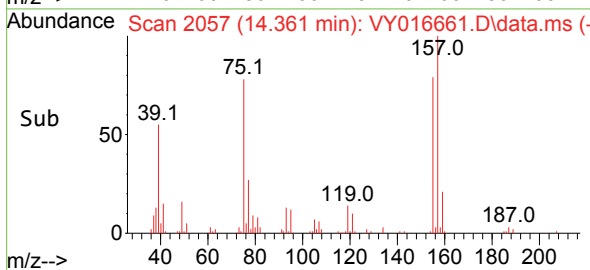
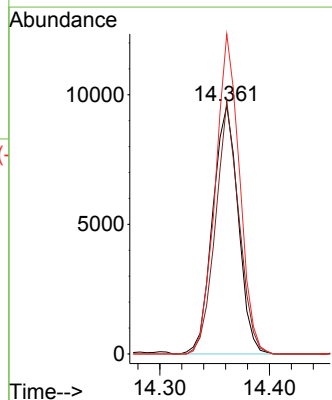
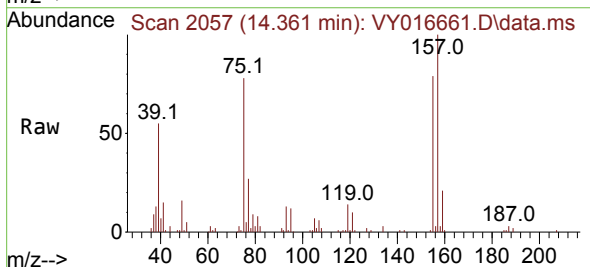
Instrument :
MSVOA_Y
ClientSampleId :

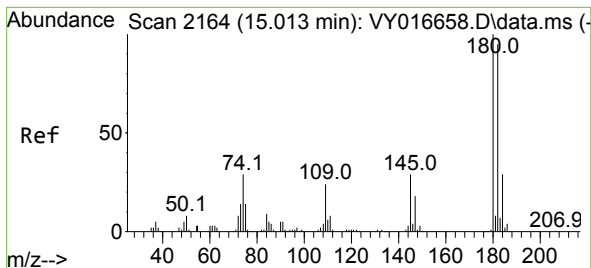
Tgt Ion:146 Resp: 251785
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.079 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY016661.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 75 Resp: 15443
Ion Ratio Lower Upper
75 100
155 93.7 41.5 124.6
157 122.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 58.481 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

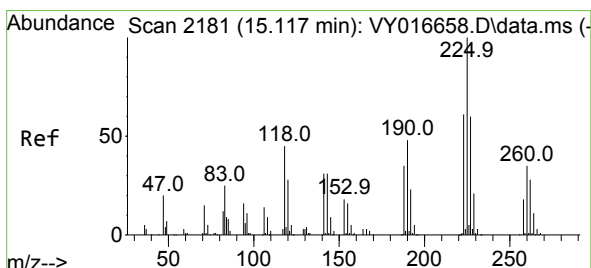
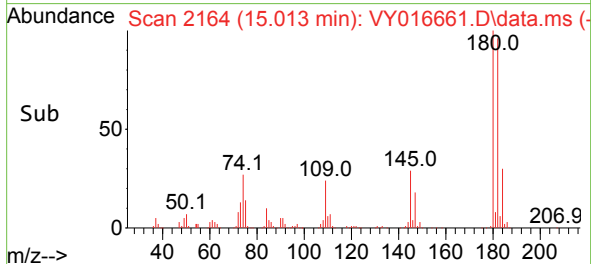
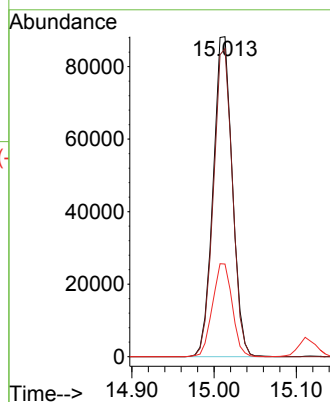
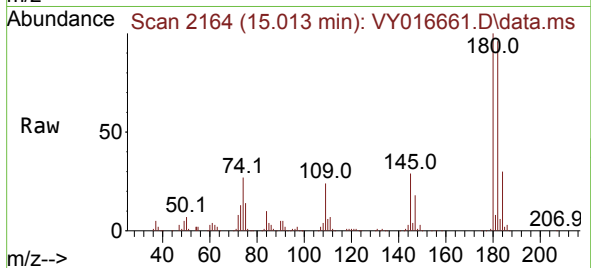
Tgt Ion:180 Resp: 143146

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 29.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.546 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

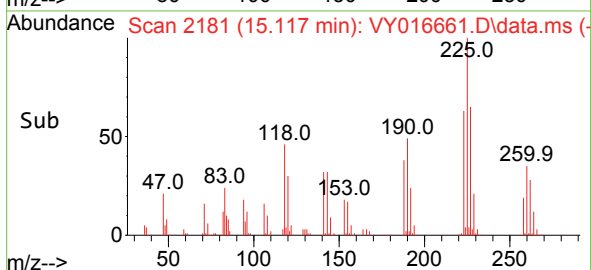
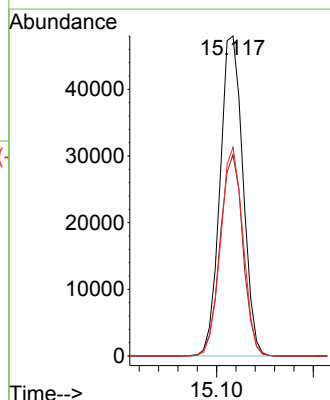
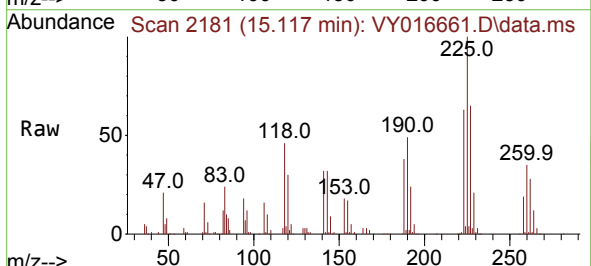
Tgt Ion:225 Resp: 78670

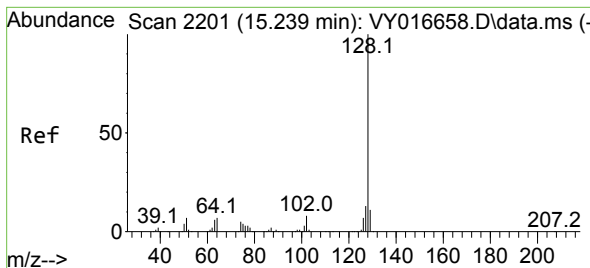
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 60.185 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

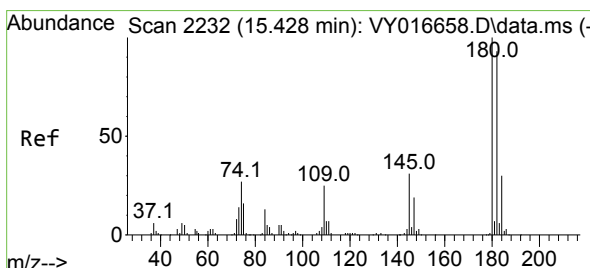
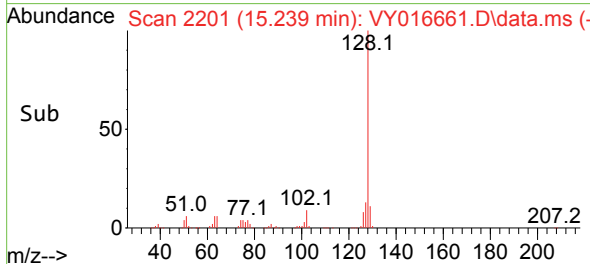
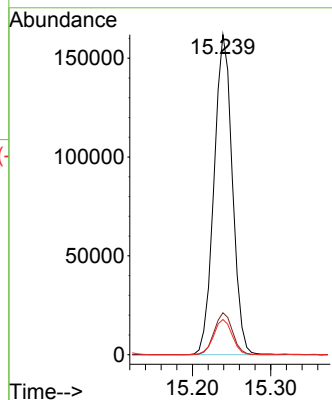
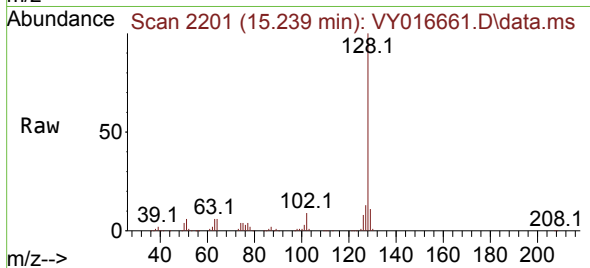
Tgt Ion:128 Resp: 263279

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.805 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY016661.D

Acq: 15 Dec 2023 19:07

Tgt Ion:180 Resp: 118652

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 31.4 15.4 46.2

