

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015600.D
 Acq On : 16 Sep 2023 04:20
 Operator : SY/MD
 Sample : 04419-12
 Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 05:30:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards								
1) Pentafluorobenzene			7.813	168	183825	50.000	ug/l	0.03
34) 1,4-Difluorobenzene			8.709	114	302361	50.000	ug/l	0.02
63) Chlorobenzene-d5			11.514	117	309039	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4			13.446	152	40840	50.000	ug/l	# 0.02
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.161	65	118027	59.895	ug/l	0.02
Spiked Amount 50.000			Range 50 - 163		Recovery	=	119.780%	
35) Dibromofluoromethane			7.734	113	96606	55.472	ug/l	0.02
Spiked Amount 50.000			Range 54 - 147		Recovery	=	110.940%	
50) Toluene-d8			10.203	98	592109	93.885	ug/l	0.02
Spiked Amount 50.000			Range 58 - 134		Recovery	=	187.780%#	
62) 4-Bromofluorobenzene			12.501	95	319630	136.519	ug/l	0.02
Spiked Amount 50.000			Range 30 - 143		Recovery	=	273.040%#	
Target Compounds								Qvalue
11) Tert butyl alcohol			5.003	59	1242	Below Cal	#	89
13) Acrolein			3.710	56	5104	20.535	ug/l #	1
14) Allyl chloride			4.600	41	4975	1.710	ug/l #	49
15) Acrylonitrile			5.271	53	1563	2.080	ug/l #	33
16) Acetone			3.979	43	36894	44.855	ug/l	98
17) Carbon Disulfide			4.216	76	30230	5.534	ug/l	99
18) Methyl Acetate			4.509	43	9882	3.317	ug/l	97
25) 2-Butanone			7.021	43	26615	22.814	ug/l #	87
28) Bromochloromethane			7.545	49	1550	1.374	ug/l #	14
29) Tetrahydrofuran			7.386	42	2230	3.044	ug/l #	64
30) Chloroform			7.545	83	4560	1.179	ug/l #	1
31) Cyclohexane			7.795	56	158107	45.168	ug/l #	71
36) 1,1-Dichloropropene			7.813	75	14337	4.688	ug/l #	50
37) Ethyl Acetate			7.021	43	26615	11.285	ug/l #	72
38) Carbon Tetrachloride			7.813	117	18714	5.925	ug/l #	15
39) Methylcyclohexane			9.203	83	851659	221.222	ug/l #	76
40) Benzene			8.179	78	387602	45.431	ug/l	100
41) Methacrylonitrile			7.374	41	2759	2.495	ug/l #	17
42) 1,2-Dichloroethane			8.179	62	3569	1.255	ug/l #	1
43) Isopropyl Acetate			8.350	43	2387337	585.383	ug/l #	55
45) 1,2-Dichloropropane			9.264	63	4829	2.245	ug/l #	1
47) Bromodichloromethane			9.502	83	154847	50.683	ug/l #	77
48) Methyl methacrylate			9.343	41	666858	356.388	ug/l #	31
51) 4-Methyl-2-Pentanone			10.142	43	3434976	1449.129	ug/l #	87
52) Toluene			10.264	92	45300	8.284	ug/l	99
55) 1,1,2-Trichloroethane			10.642	97	2954831	1535.002	ug/l #	32
56) Ethyl methacrylate			10.459	69	237586	83.288	ug/l #	21
58) 2-Chloroethyl Vinyl ether			9.776	63	69211	67.974	ug/l #	48
59) 2-Hexanone			10.831	43	4561724	2564.772	ug/l #	34
60) Dibromochloromethane			10.935	129	53510	23.750	ug/l	100
61) 1,2-Dibromoethane			11.099	107	17552	8.999	ug/l #	1
64) Tetrachloroethene			10.740	164	3257	1.161	ug/l #	47
65) Chlorobenzene			11.660	112	192851	28.959	ug/l #	43
67) Ethyl Benzene			11.617	91	5234494	437.746	ug/l	99
68) m/p-Xylenes			11.727	106	28654362	6182.099	ug/l #	1
69) o-Xylene			12.056	106	17089282	3857.904	ug/l	68

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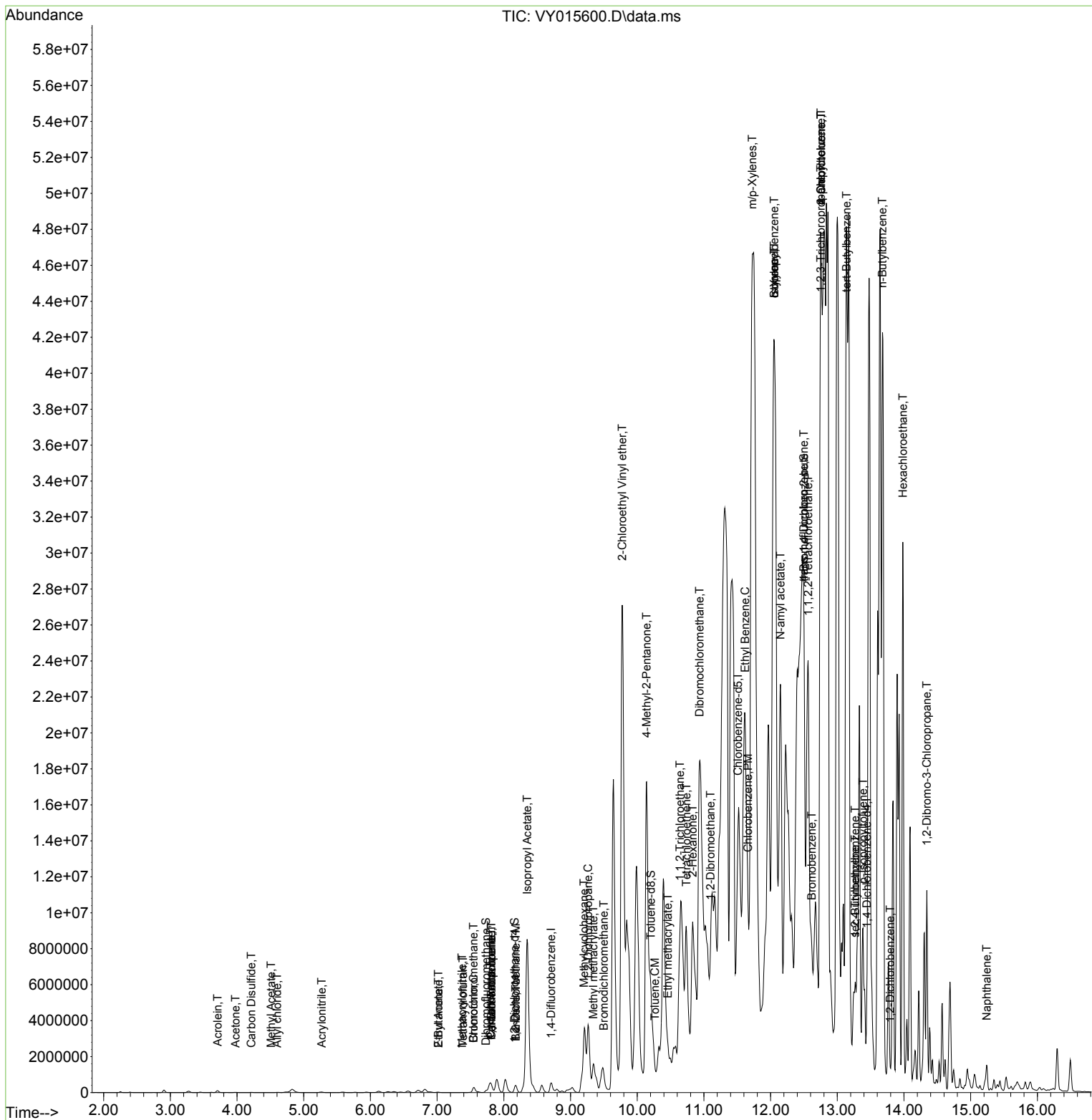
Quant Time: Sep 16 05:30:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

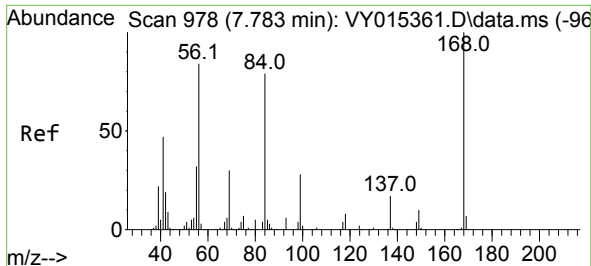
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

70) Styrene	12.056	104	908562	121.984	ug/l	#	1
73) Isopropylbenzene	12.056	105	6421824	2093.417	ug/l	#	48
74) N-amyl acetate	12.148	43	5172840	5019.206	ug/l	#	69
75) 1,1,2,2-Tetrachloroethane	12.562	83	604001	824.800	ug/l	#	15
76) 1,2,3-Trichloropropane	12.751	75	485545	896.532	ug/l	#	100
77) Bromobenzene	12.617	156	15467	21.288	ug/l	#	1
78) n-propylbenzene	12.757	91	7433859	2002.703	ug/l	#	1
79) 2-Chlorotoluene	12.757	91	7433859	3570.597	ug/l	#	40
81) trans-1,4-Dichloro-2-b...	12.501	75	36136	147.184	ug/l	#	10
82) 4-Chlorotoluene	12.757	91	7433859	3435.605	ug/l	#	40
83) tert-Butylbenzene	13.142	119	5350816	2380.920	ug/l	#	68
84) 1,2,4-Trimethylbenzene	13.270	105	1871004	734.414	ug/l	#	32
85) sec-Butylbenzene	13.270	105	1871004	558.167	ug/l	#	60
86) p-Isopropyltoluene	13.385	119	2559456	911.029	ug/l	#	100
89) n-Butylbenzene	13.678	91	5639039	2132.568	ug/l	#	1
90) Hexachloroethane	13.983	117	1640296	3264.529	ug/l	#	8
91) 1,2-Dichlorobenzene	13.794	146	2074	1.584	ug/l	#	25
92) 1,2-Dibromo-3-Chloropr...	14.343	75	36591	252.592	ug/l	#	3
95) Naphthalene	15.239	128	984182	483.312	ug/l	#	99

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

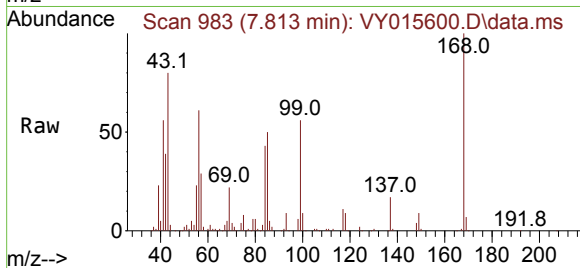
Quant Time: Sep 16 05:30:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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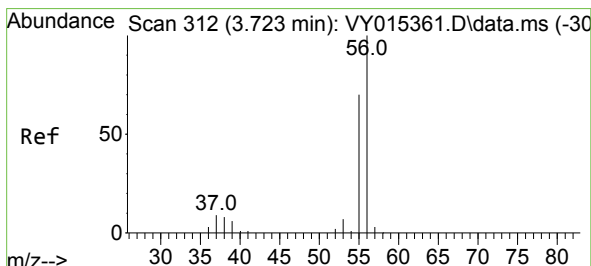
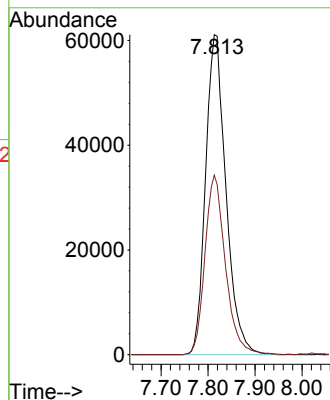
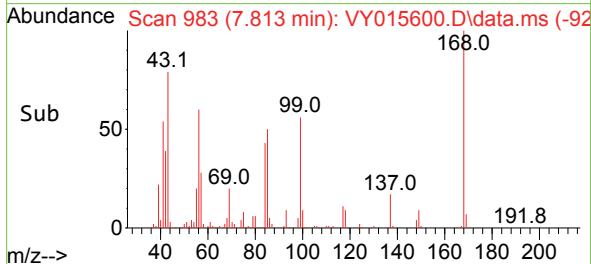


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.030 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Instrument :
MSVOA_Y
ClientSampleId :

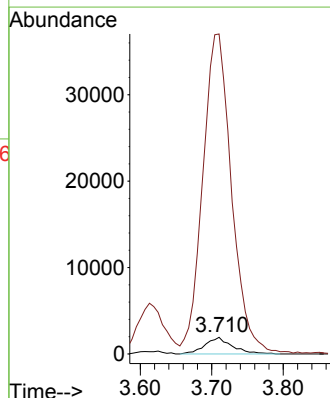
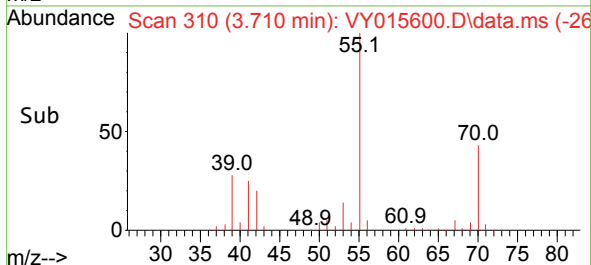
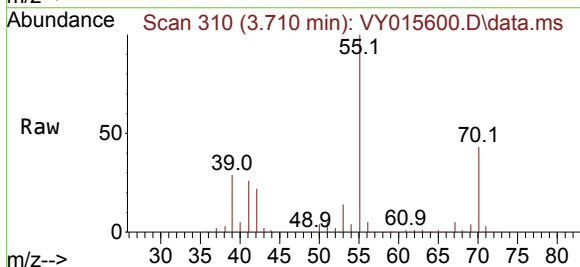


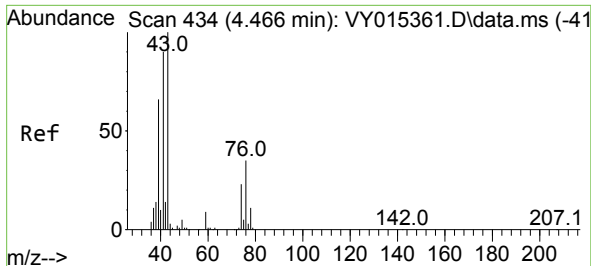
Tgt Ion:168 Resp: 183825
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#13
Acrolein
Concen: 20.535 ug/l
RT: 3.710 min Scan# 310
Delta R.T. -0.013 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

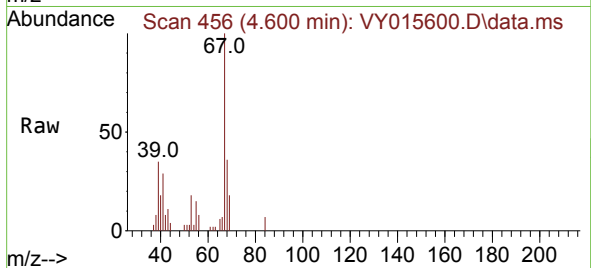
Tgt Ion: 56 Resp: 5104
Ion Ratio Lower Upper
56 100
55 2030.2 57.0 85.4#



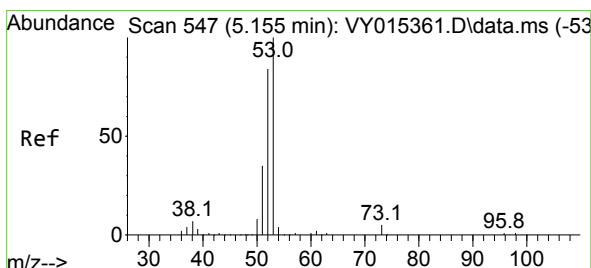
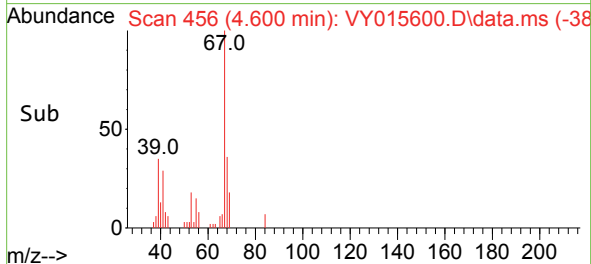
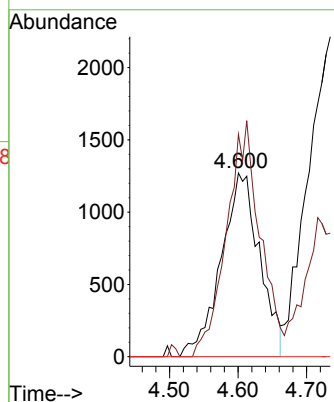


#14
 Allyl chloride
 Concen: 1.710 ug/l
 RT: 4.600 min Scan# 41
 Delta R.T. 0.128 min
 Lab File: VY015600.D
 Acq: 16 Sep 2023 04:20

Instrument :
 MSVOA_Y
 ClientSampleId :

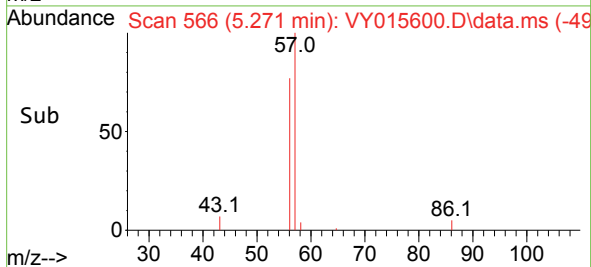
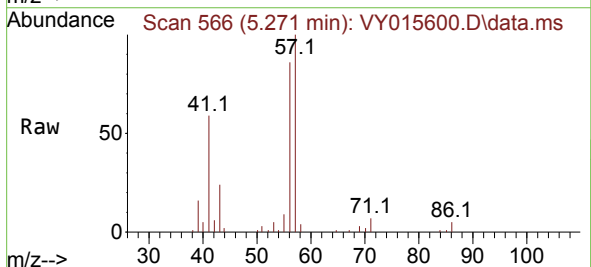
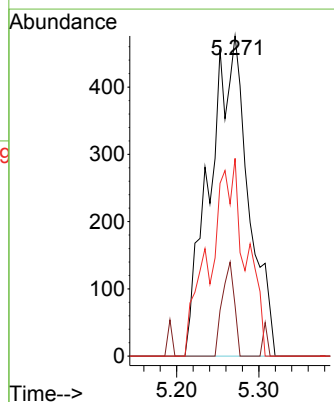


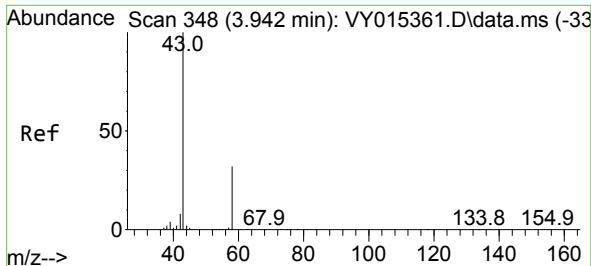
Tgt Ion: 41 Resp: 4975
 Ion Ratio Lower Upper
 41 100
 39 112.1 58.0 87.0#
 76 0.0 27.4 41.2#



#15
 Acrylonitrile
 Concen: 2.080 ug/l
 RT: 5.271 min Scan# 566
 Delta R.T. 0.110 min
 Lab File: VY015600.D
 Acq: 16 Sep 2023 04:20

Tgt Ion: 53 Resp: 1563
 Ion Ratio Lower Upper
 53 100
 52 9.1 66.9 100.3#
 51 57.1 29.8 44.6#





#16

Acetone

Concen: 44.855 ug/l

RT: 3.979 min Scan# 31

Delta R.T. 0.037 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

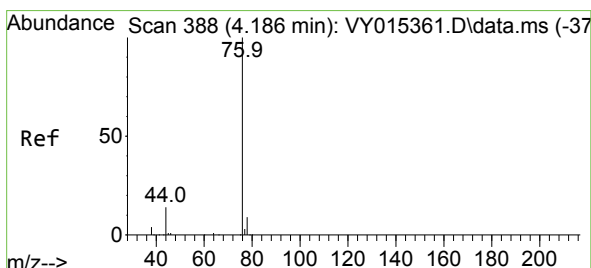
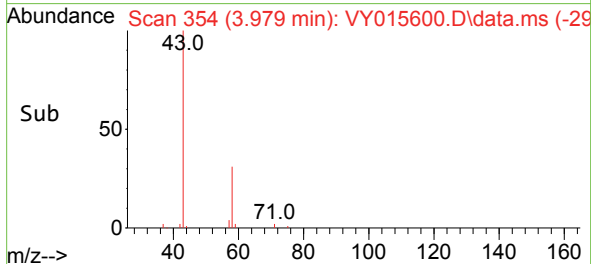
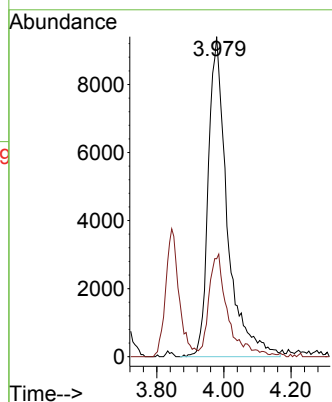
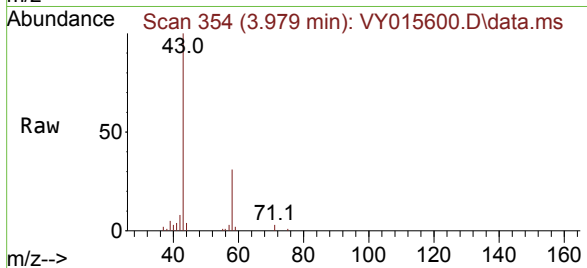
ClientSampleId :

Tgt Ion: 43 Resp: 36894

Ion Ratio Lower Upper

43 100

58 29.5 22.7 34.1



#17

Carbon Disulfide

Concen: 5.534 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.030 min

Lab File: VY015600.D

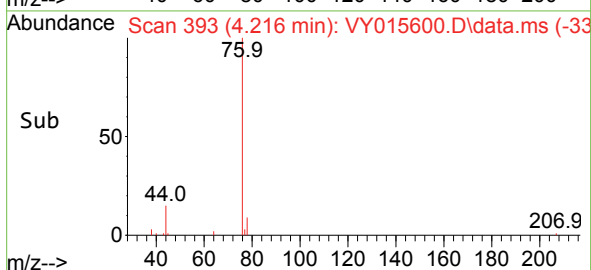
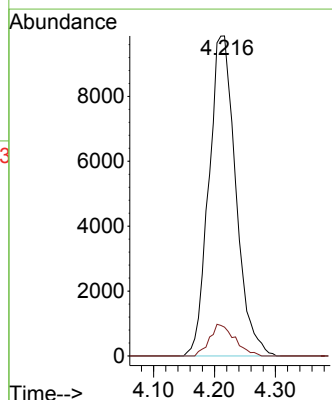
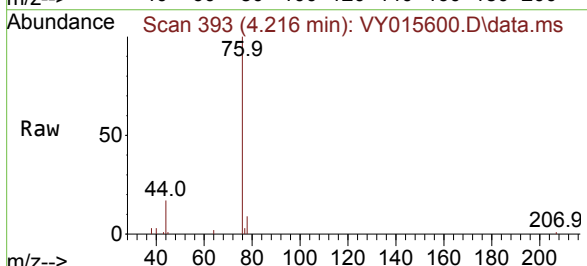
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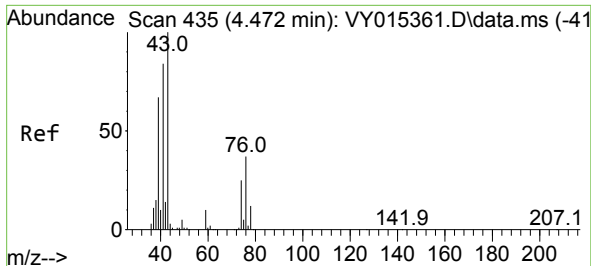
Tgt Ion: 76 Resp: 30230

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4





#18

Methyl Acetate

Concen: 3.317 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.037 min

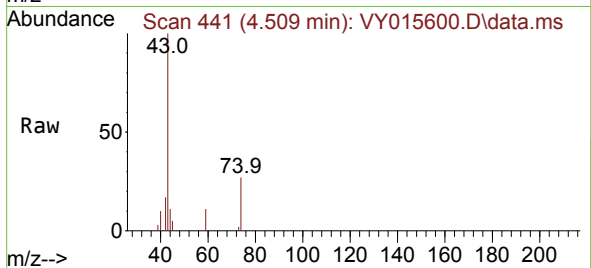
Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

ClientSampleId :

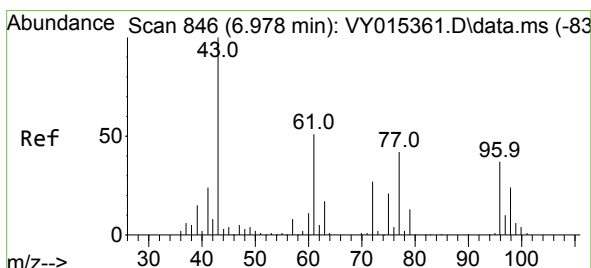
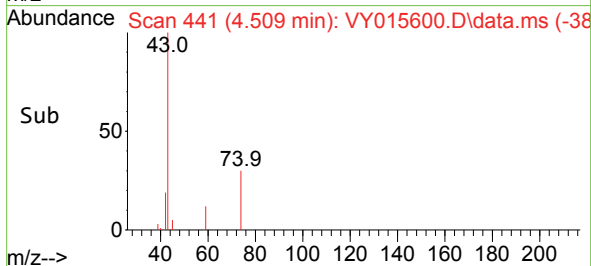
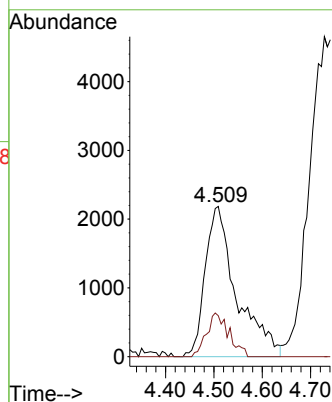


Tgt Ion: 43 Resp: 9882

Ion Ratio Lower Upper

43 100

74 20.5 17.4 26.0



#25

2-Butanone

Concen: 22.814 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.043 min

Lab File: VY015600.D

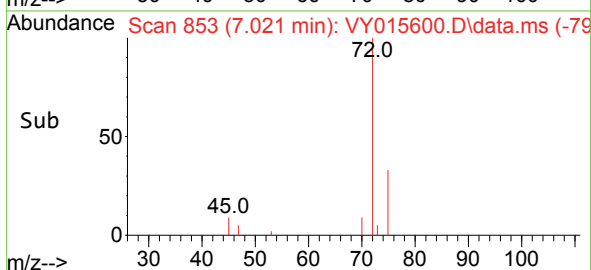
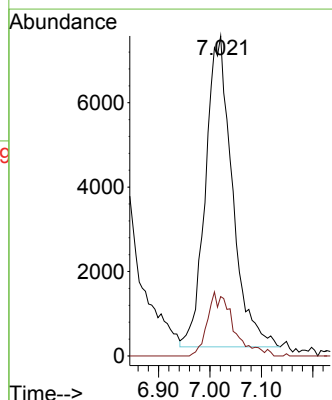
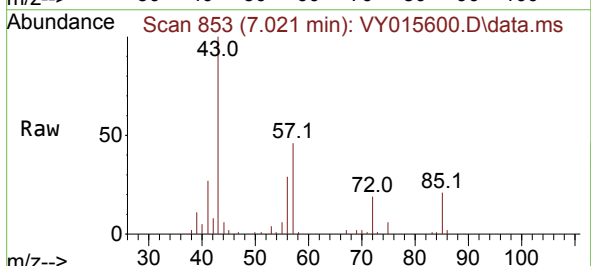
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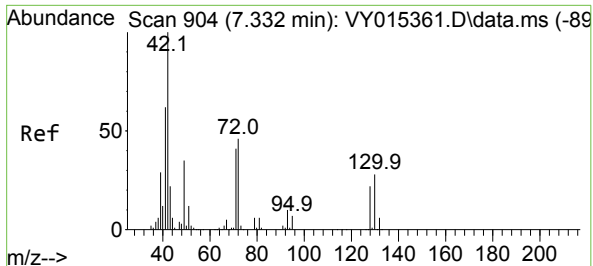
Tgt Ion: 43 Resp: 26615

Ion Ratio Lower Upper

43 100

72 19.1 20.5 30.7#

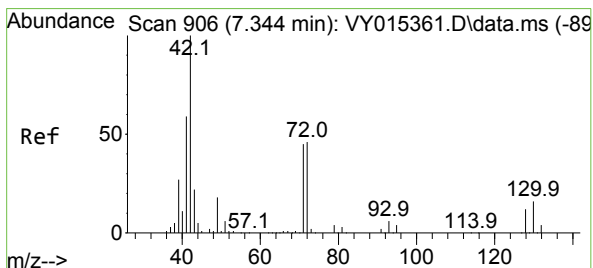
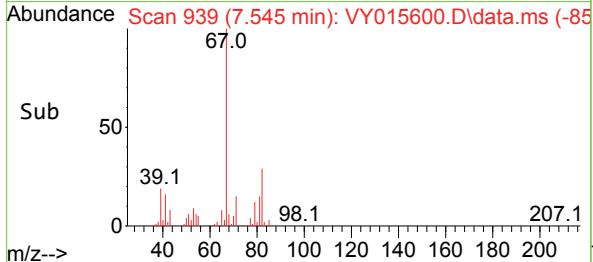
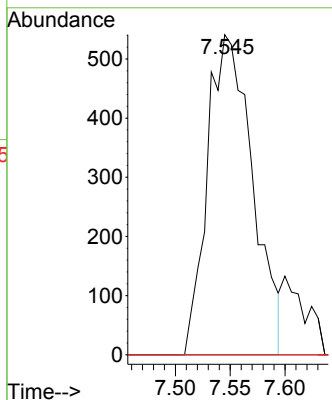
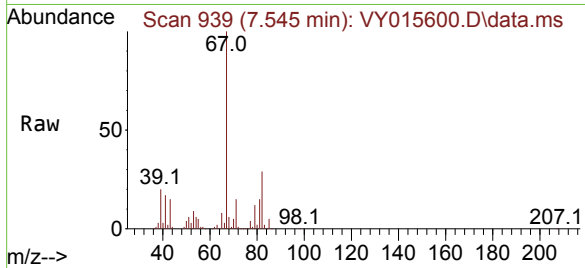




#28
Bromochloromethane
Concen: 1.374 ug/l
RT: 7.545 min Scan# 913
Delta R.T. 0.219 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

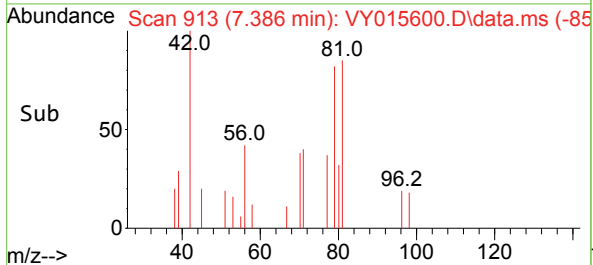
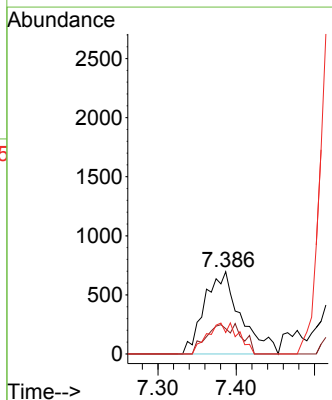
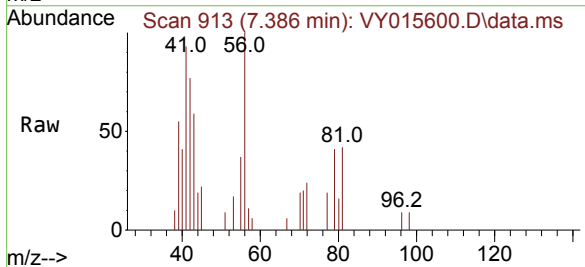
Instrument :
MSVOA_Y
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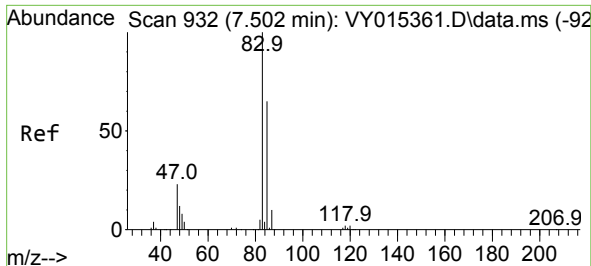
Tgt Ion: 49 Resp: 1550
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 60.7 91.1#



#29
Tetrahydrofuran
Concen: 3.044 ug/l
RT: 7.386 min Scan# 913
Delta R.T. 0.043 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 42 Resp: 2230
Ion Ratio Lower Upper
42 100
72 34.4 32.8 49.2
71 0.0 31.0 46.4#





#30

Chloroform

Concen: 1.179 ug/l

RT: 7.545 min Scan# 91

Delta R.T. 0.049 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

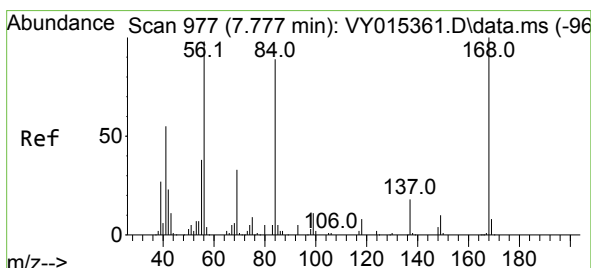
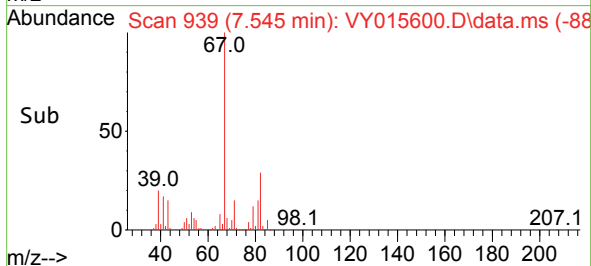
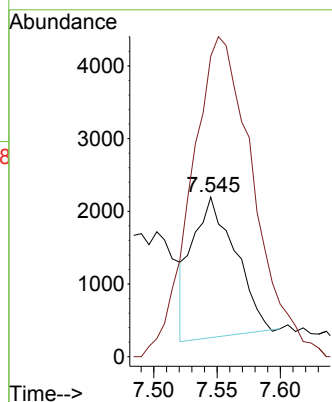
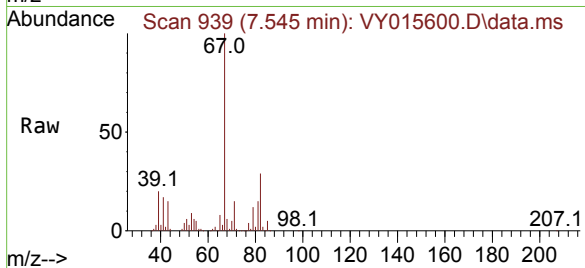
ClientSampleId :

Tgt Ion: 83 Resp: 4560

Ion Ratio Lower Upper

83 100

85 188.4 49.7 74.5#



#31

Cyclohexane

Concen: 45.168 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

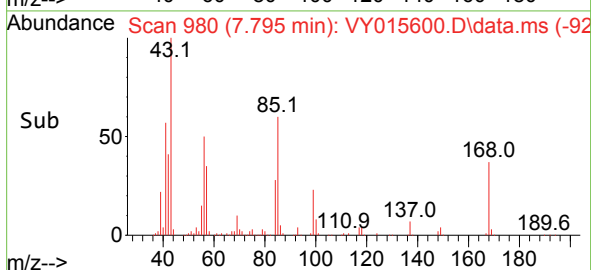
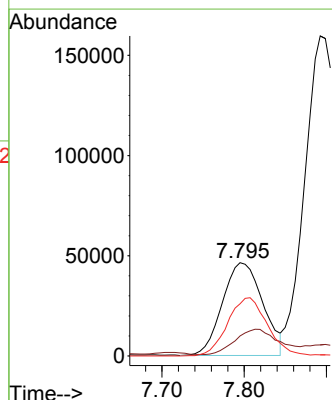
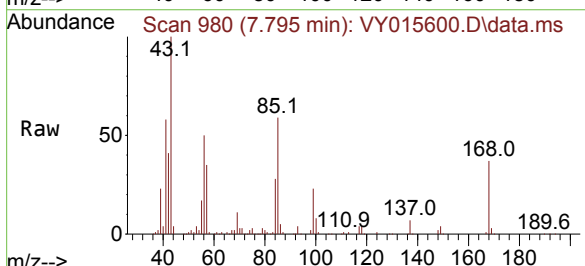
Tgt Ion: 56 Resp: 158107

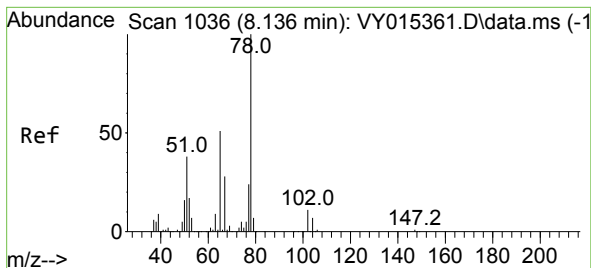
Ion Ratio Lower Upper

56 100

69 18.3 27.8 41.6#

84 56.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.895 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.024 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

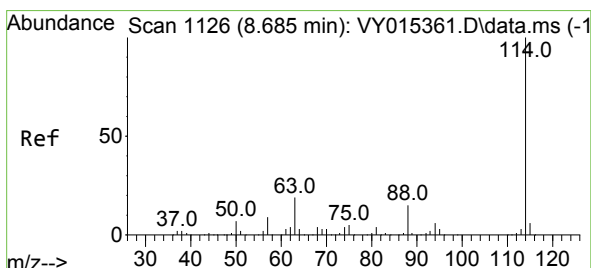
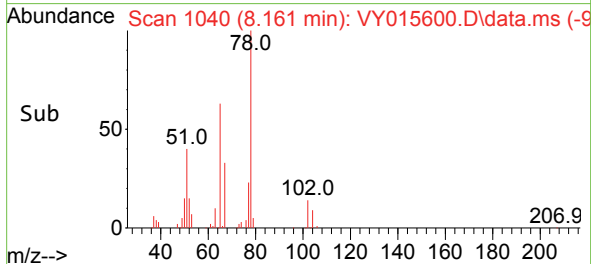
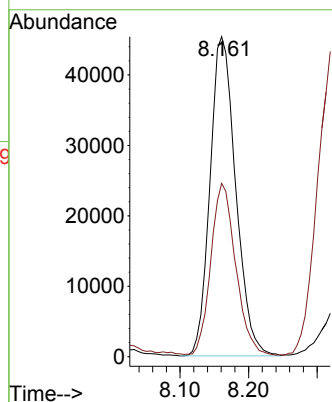
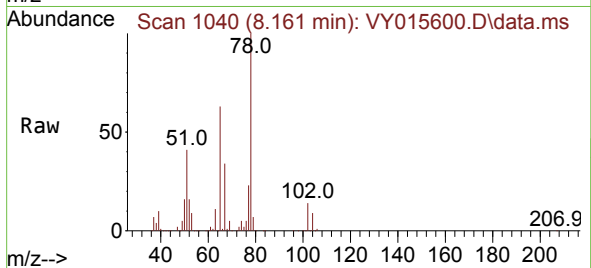
ClientSampleId :

Tgt Ion: 65 Resp: 118027

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.024 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

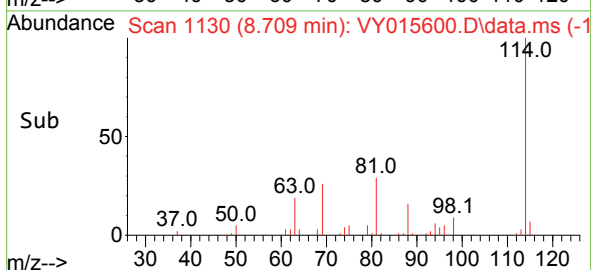
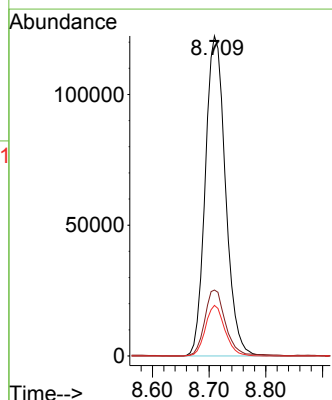
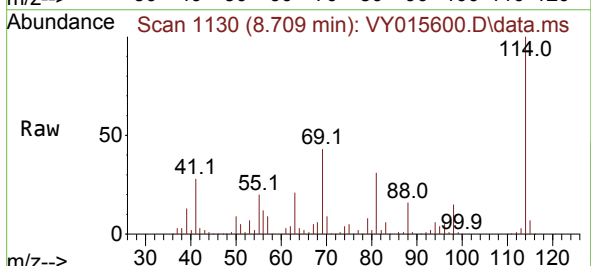
Tgt Ion: 114 Resp: 302361

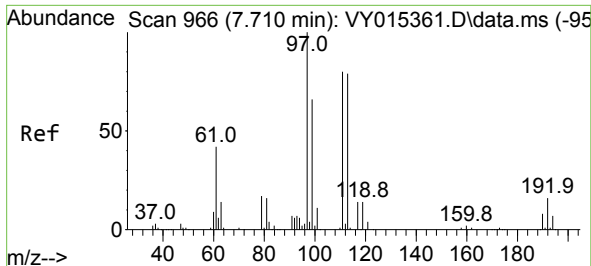
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

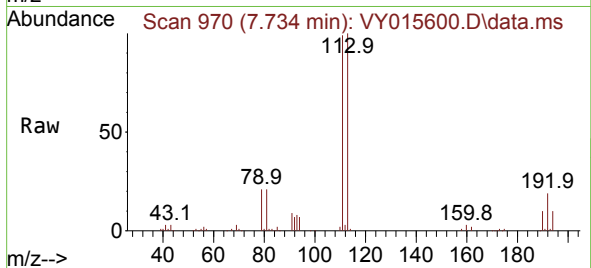
88 15.8 0.0 30.6



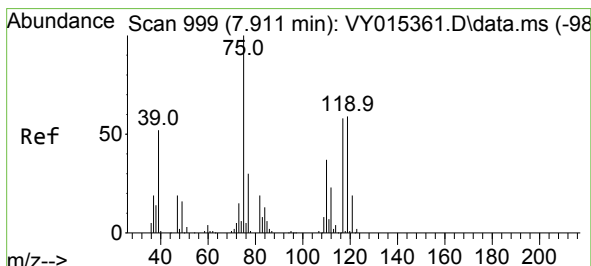
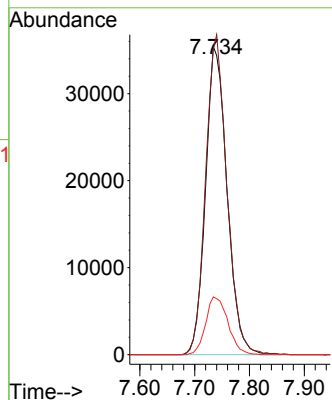
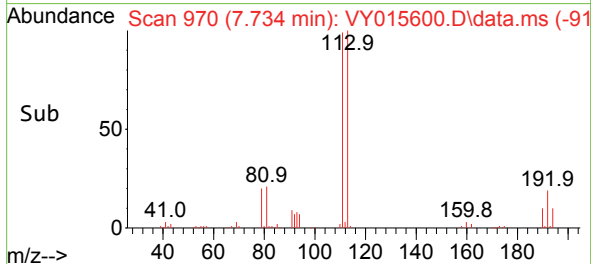


#35
Dibromofluoromethane
Concen: 55.472 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

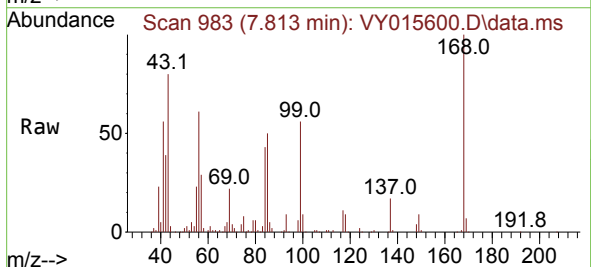
Instrument :
MSVOA_Y
ClientSampleId :



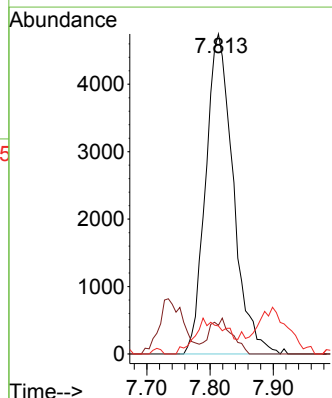
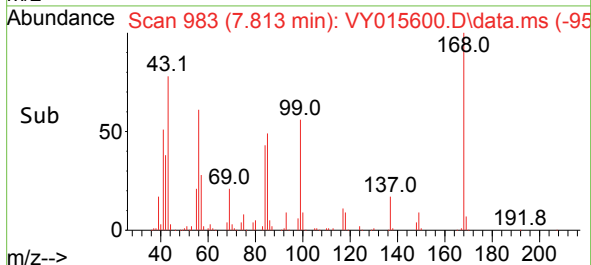
Tgt Ion:113 Resp: 96606
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.4 16.9 25.3

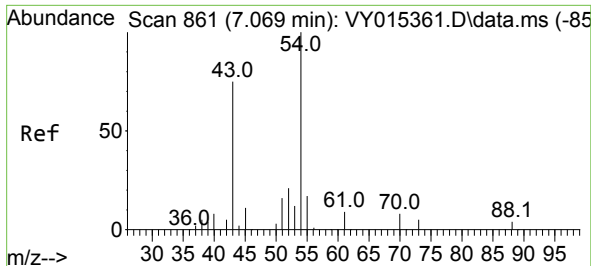


#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.098 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20



Tgt Ion: 75 Resp: 14337
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 11.285 ug/l

RT: 7.021 min Scan# 81

Delta R.T. -0.043 min

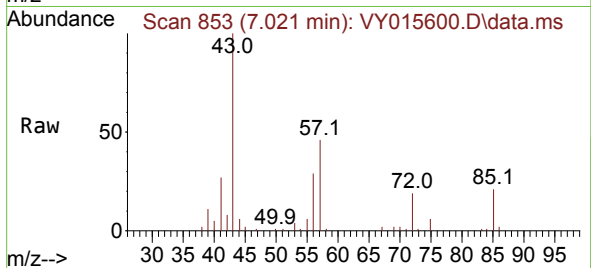
Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

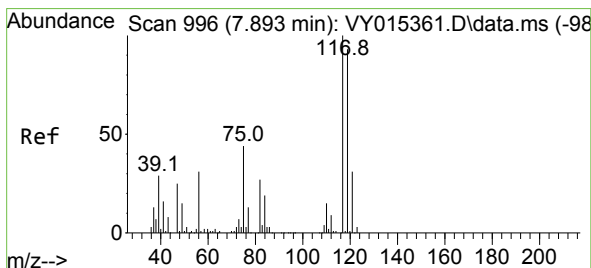
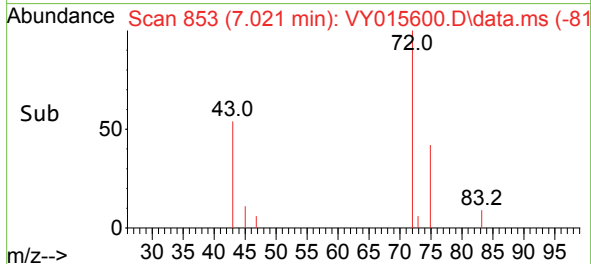
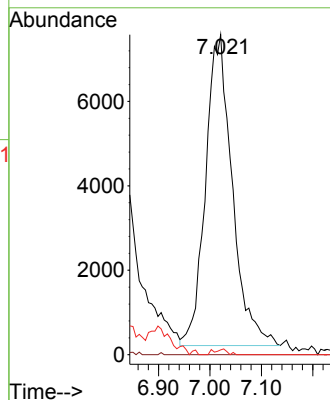
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	26615
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	0.9	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.925 ug/l

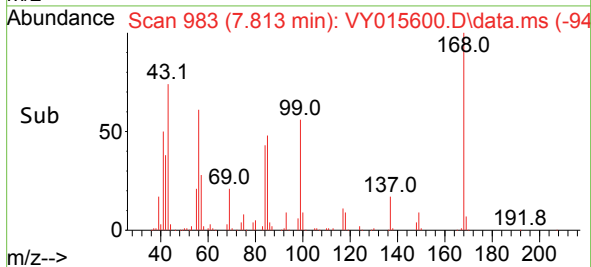
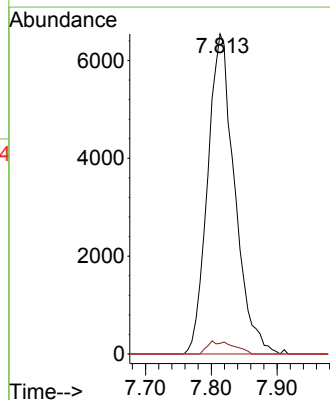
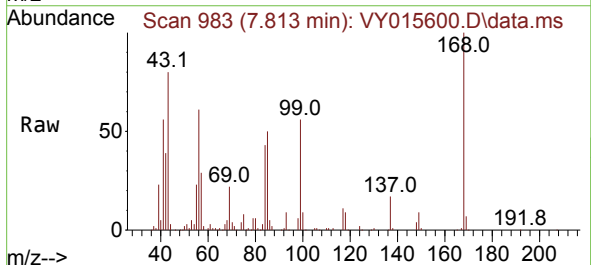
RT: 7.813 min Scan# 983

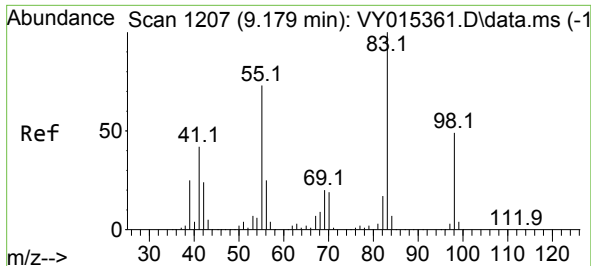
Delta R.T. -0.079 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Tgt Ion:	117	Resp:	18714
Ion	Ratio	Lower	Upper
117	100		
119	3.3	76.4	114.6#
121	0.0	25.8	38.6#





#39

Methylcyclohexane

Concen: 221.222 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

ClientSampleId :

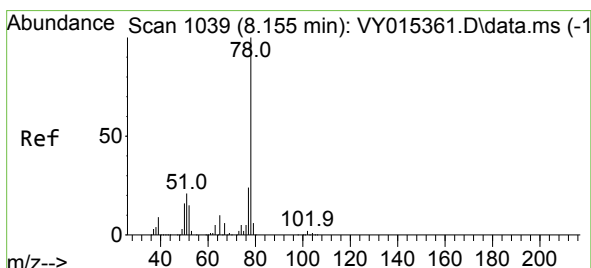
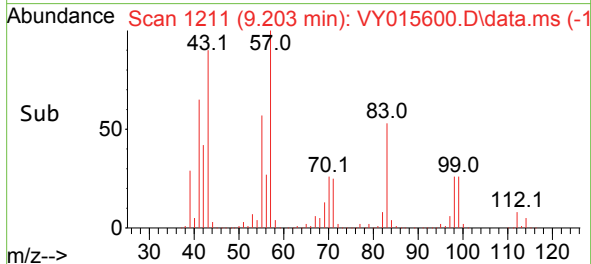
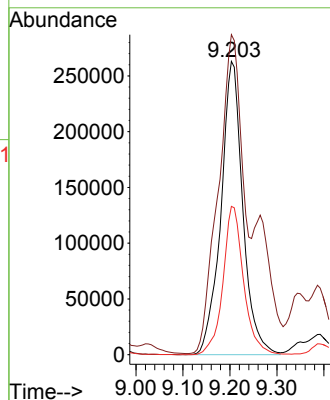
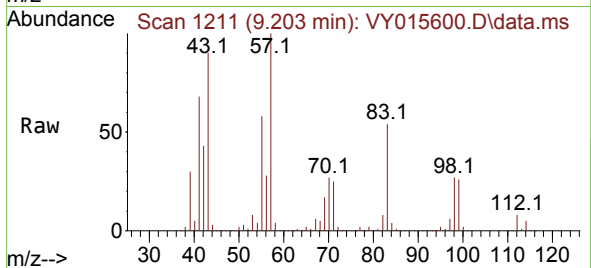
Tgt Ion: 83 Resp: 851659

Ion Ratio Lower Upper

83 100

55 108.7 63.0 94.4#

98 50.6 37.4 56.2



#40

Benzene

Concen: 45.431 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.030 min

Lab File: VY015600.D

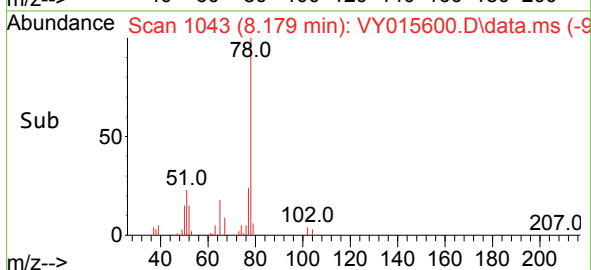
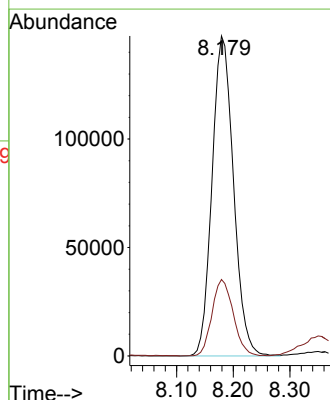
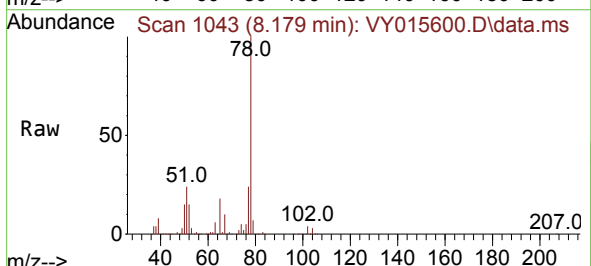
Acq: 16 Sep 2023 04:20

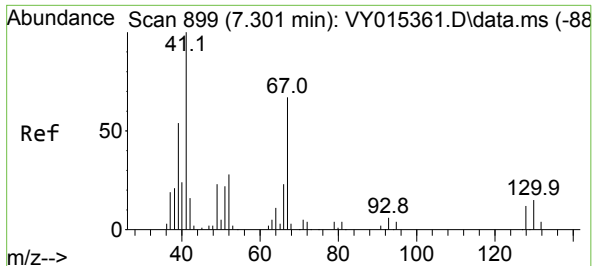
Tgt Ion: 78 Resp: 387602

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

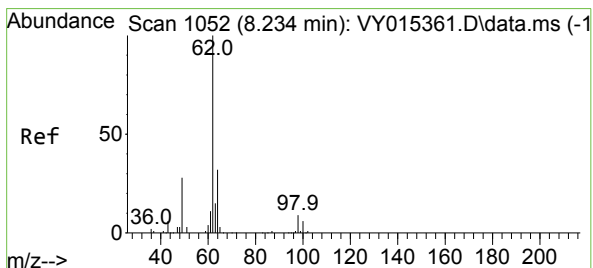
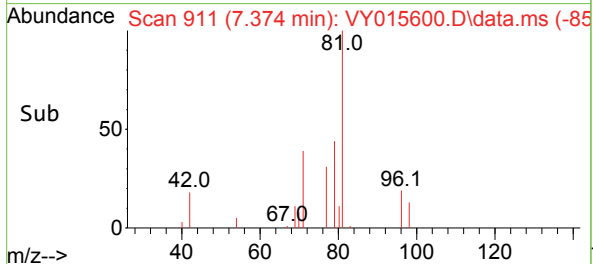
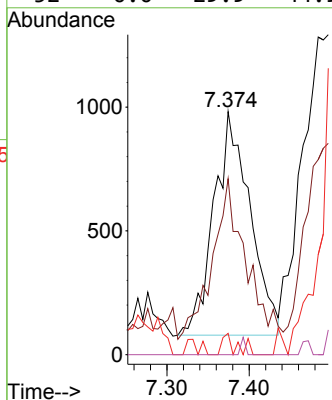
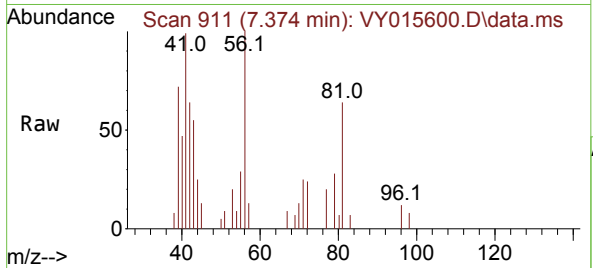




#41
Methacrylonitrile
Concen: 2.495 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.061 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

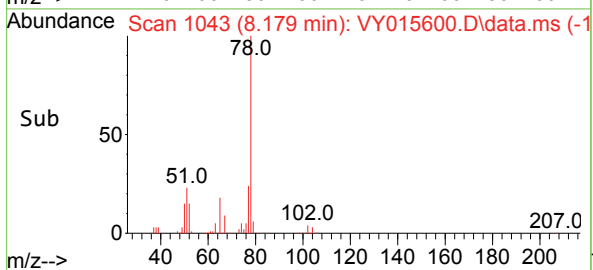
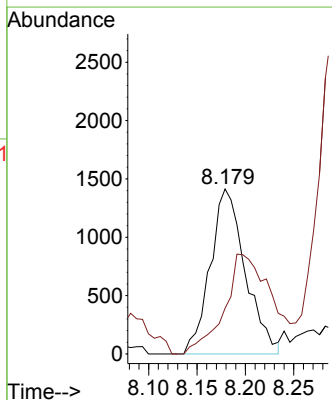
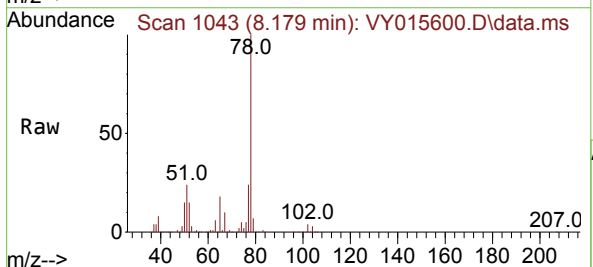
Instrument :
MSVOA_Y
ClientSampleId :

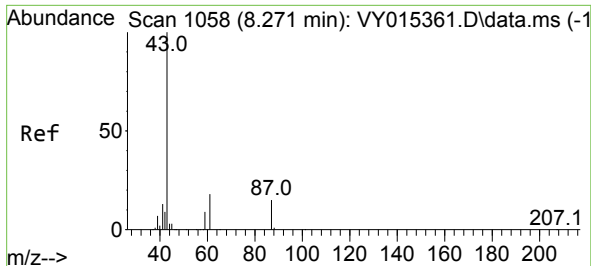
Tgt Ion: 41 Resp: 2759
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 1.255 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. -0.055 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

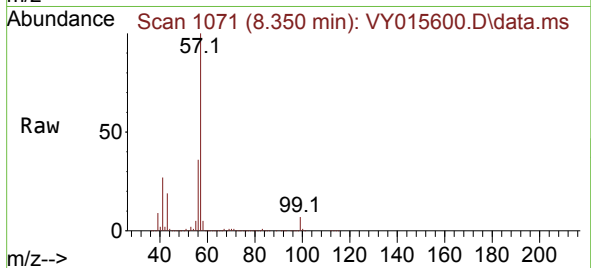
Tgt Ion: 62 Resp: 3569
Ion Ratio Lower Upper
62 100
98 79.5 0.0 15.8#



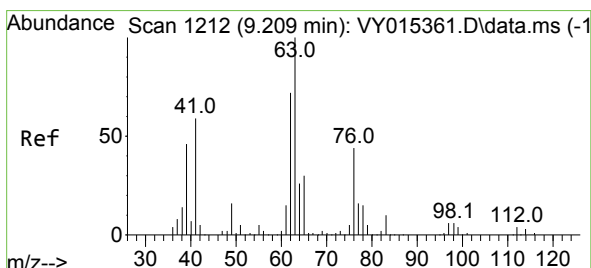
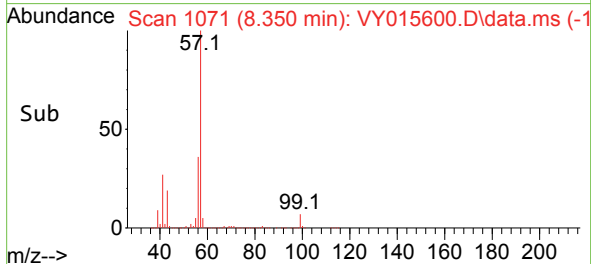
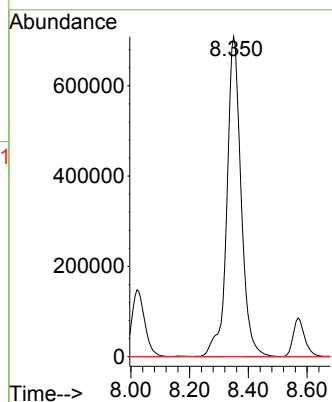


#43
Isopropyl Acetate
Concen: 585.383 ug/l
RT: 8.350 min Scan# 1058
Delta R.T. 0.085 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Instrument :
MSVOA_Y
ClientSampleId :

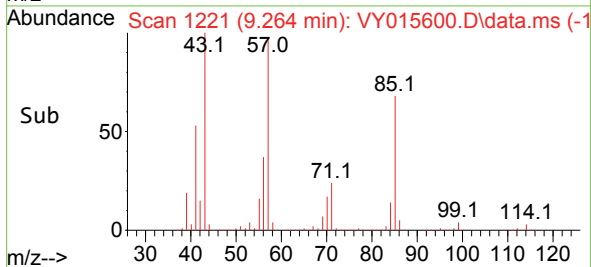
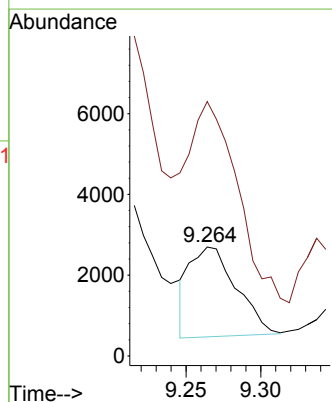
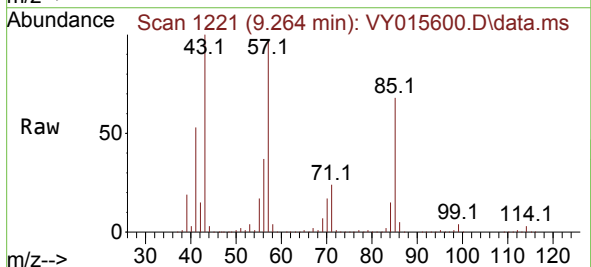


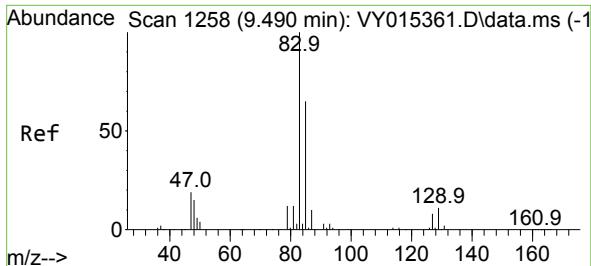
Tgt Ion: 43 Resp: 2387337
Ion Ratio Lower Upper
43 100
61 0.1 21.1 31.7#
87 0.0 9.8 14.8#



#45
1,2-Dichloropropane
Concen: 2.245 ug/l
RT: 9.264 min Scan# 1221
Delta R.T. 0.049 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 63 Resp: 4829
Ion Ratio Lower Upper
63 100
65 229.2 23.8 35.6#

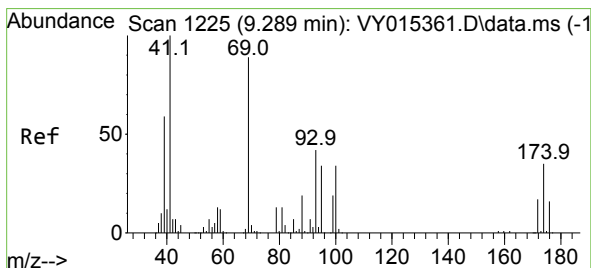
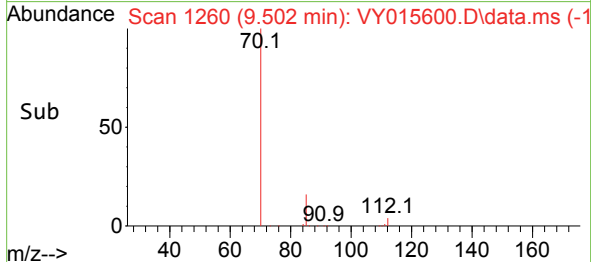
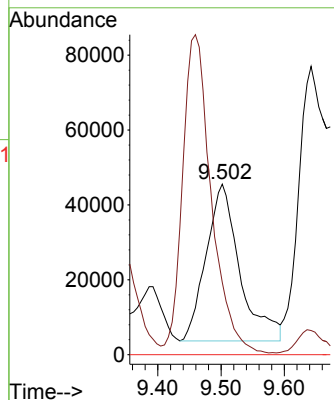
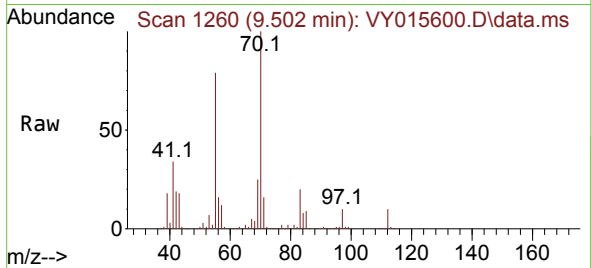




#47
Bromodichloromethane
Concen: 50.683 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

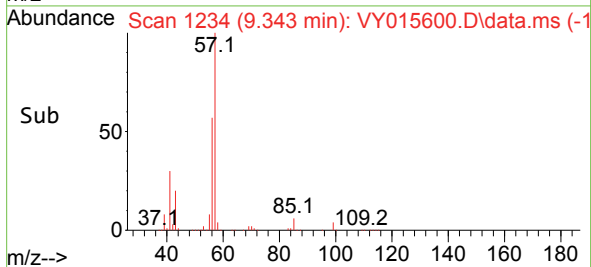
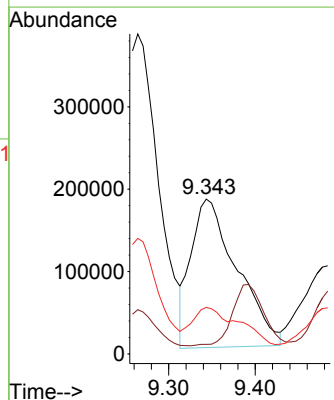
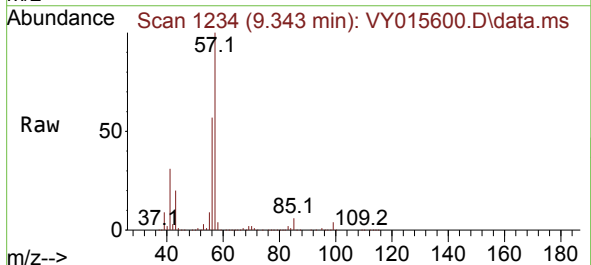
Instrument :
MSVOA_Y
ClientSampleId :

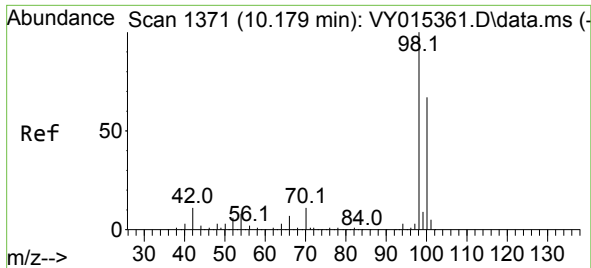
Tgt Ion: 83 Resp: 154847
Ion Ratio Lower Upper
83 100
85 44.7 50.1 75.1#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 356.388 ug/l
RT: 9.343 min Scan# 1234
Delta R.T. 0.055 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 41 Resp: 666858
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 30.8 50.8 76.2#

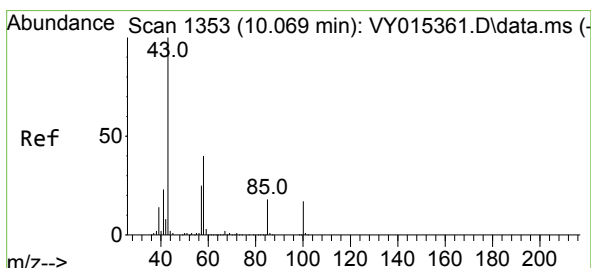
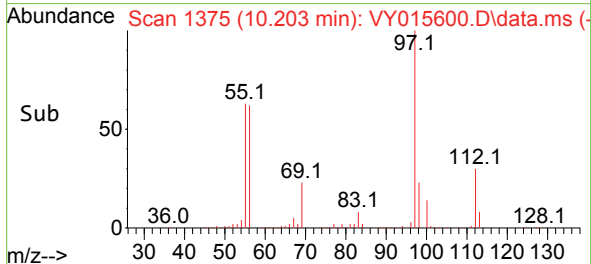
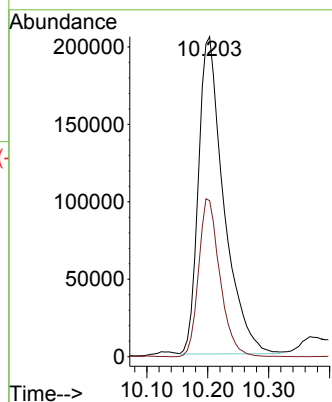
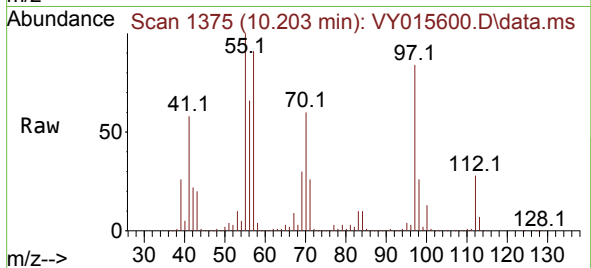




#50
Toluene-d8
Concen: 93.885 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

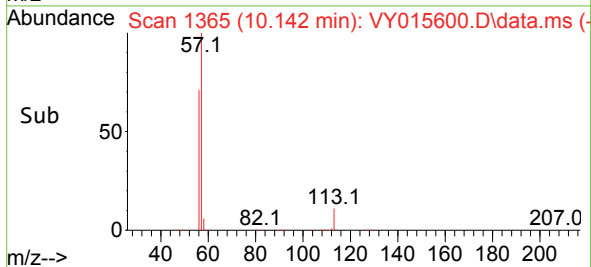
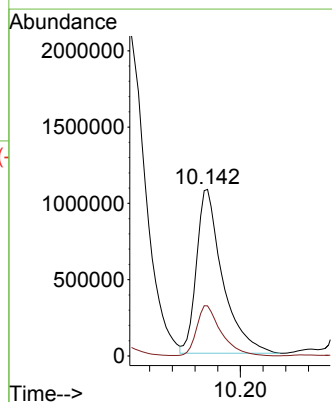
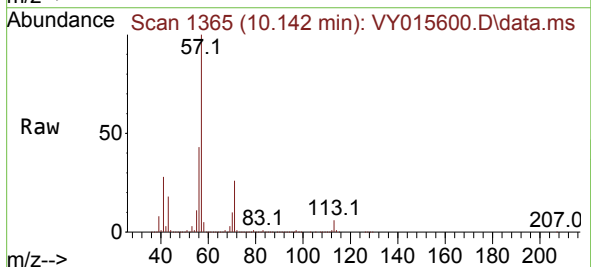
Instrument :
MSVOA_Y
ClientSampleId :

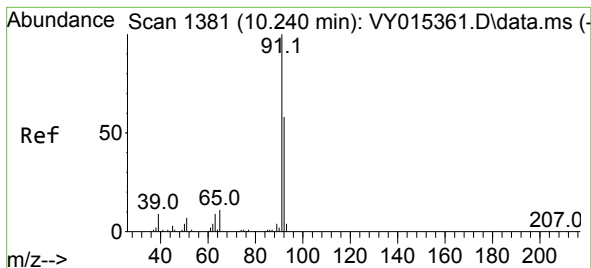
Tgt Ion: 98 Resp: 592109
Ion Ratio Lower Upper
98 100
100 42.0 50.1 75.1#



#51
4-Methyl-2-Pentanone
Concen: 1449.129 ug/l
RT: 10.142 min Scan# 1365
Delta R.T. 0.073 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 43 Resp: 3434976
Ion Ratio Lower Upper
43 100
58 28.6 29.0 43.6#





#52

Toluene

Concen: 8.284 ug/l

RT: 10.264 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

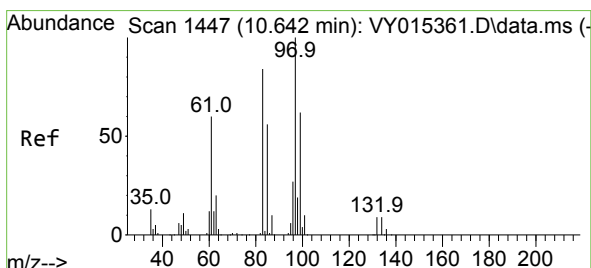
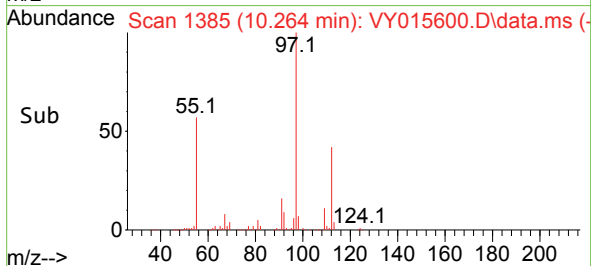
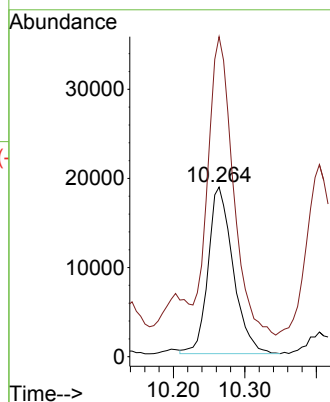
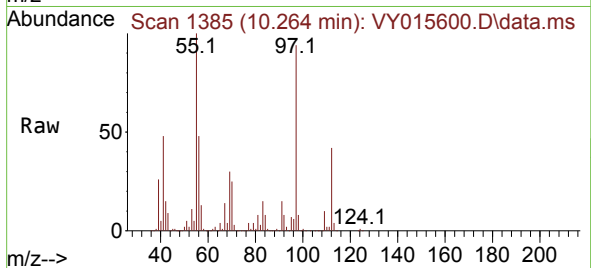
ClientSampleId :

Tgt Ion: 92 Resp: 45300

Ion Ratio Lower Upper

92 100

91 180.8 143.8 215.6



#55

1,1,2-Trichloroethane

Concen: 1535.002 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Tgt Ion: 97 Resp: 2954831

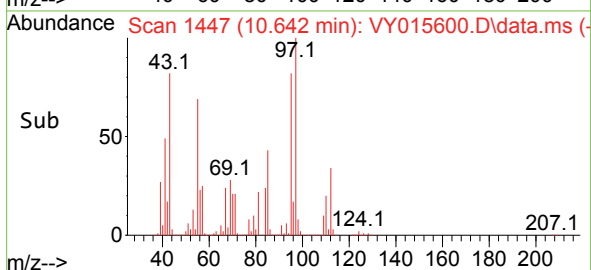
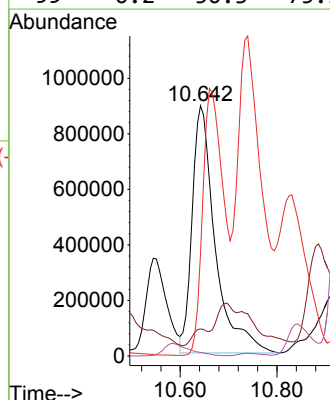
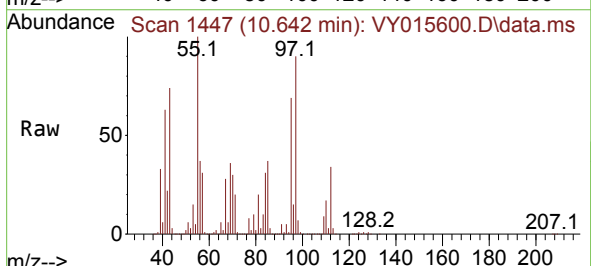
Ion Ratio Lower Upper

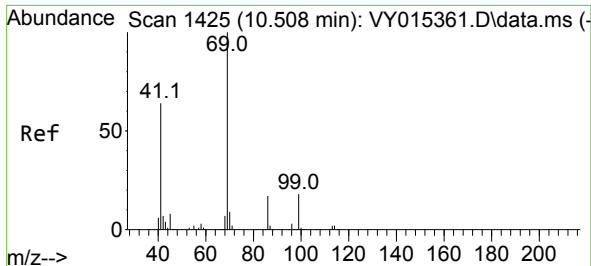
97 100

83 6.4 72.0 108.0#

85 41.3 45.4 68.0#

99 0.2 50.3 75.5#

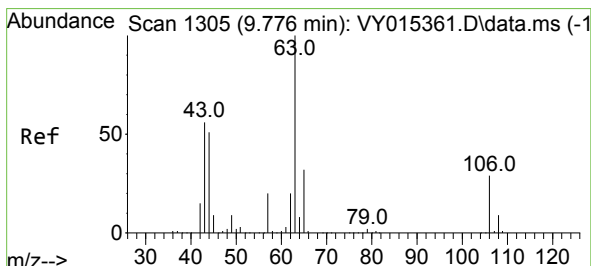
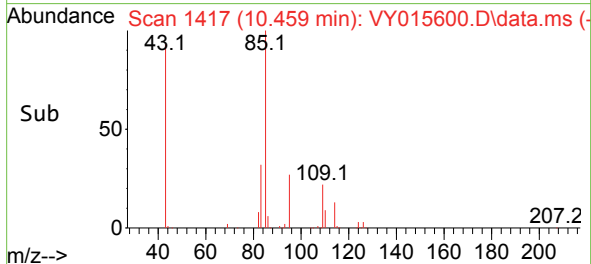
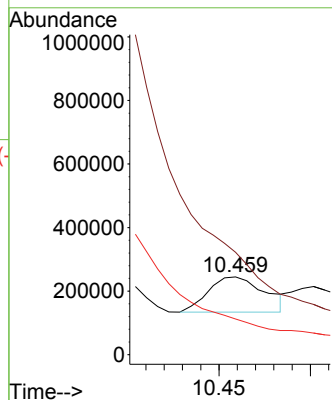
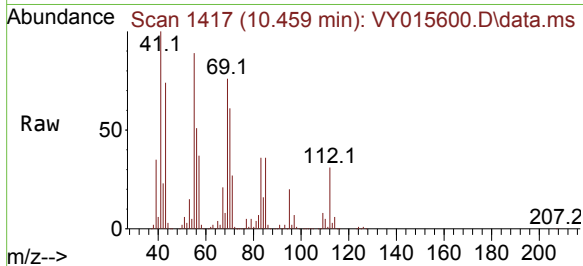




#56
Ethyl methacrylate
Concen: 83.288 ug/l
RT: 10.459 min Scan# 1425
Delta R.T. -0.049 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

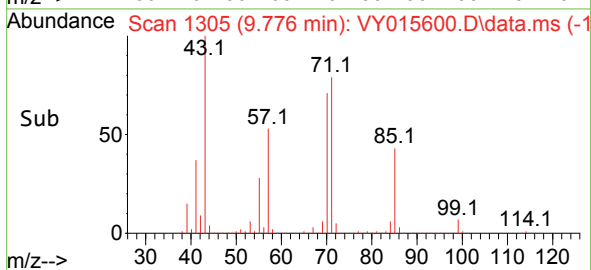
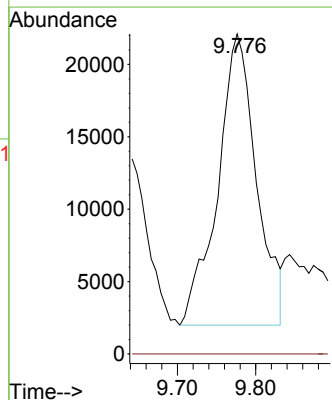
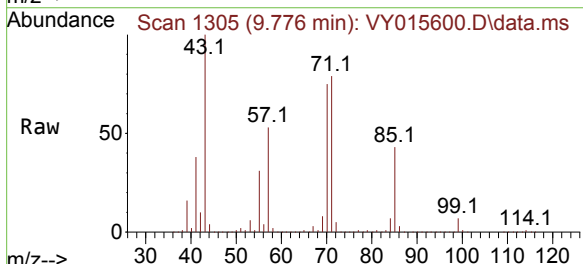
Instrument :
MSVOA_Y
ClientSampleId :

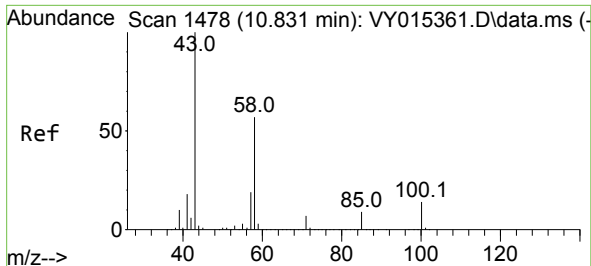
Tgt Ion: 69 Resp: 237586
Ion Ratio Lower Upper
69 100
41 0.0 57.6 86.4#
39 0.0 34.1 51.1#



#58
2-Chloroethyl Vinyl ether
Concen: 67.974 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 63 Resp: 69211
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#





#59

2-Hexanone

Concen: 2564.772 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

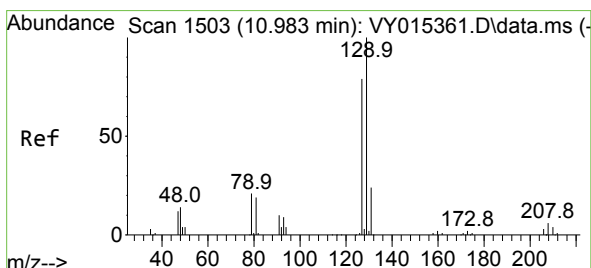
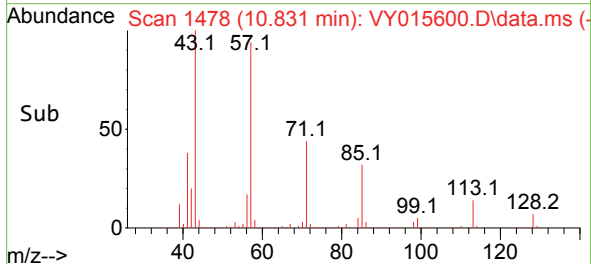
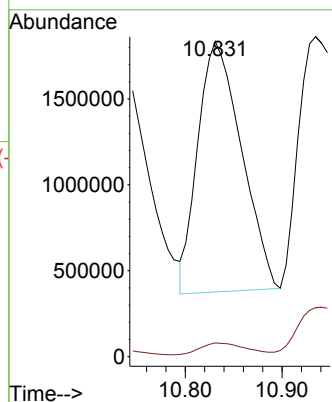
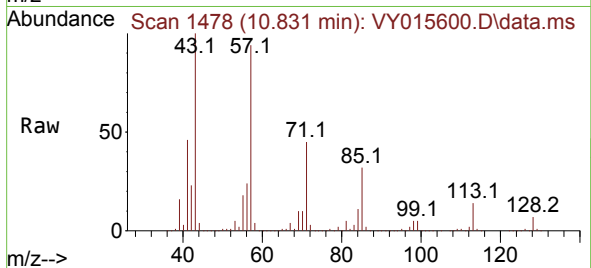
ClientSampleId :

Tgt Ion: 43 Resp: 4561724

Ion Ratio Lower Upper

43 100

58 4.9 25.1 75.3#



#60

Dibromochloromethane

Concen: 23.750 ug/l

RT: 10.935 min Scan# 1495

Delta R.T. -0.049 min

Lab File: VY015600.D

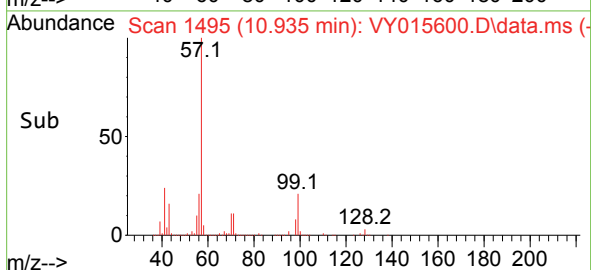
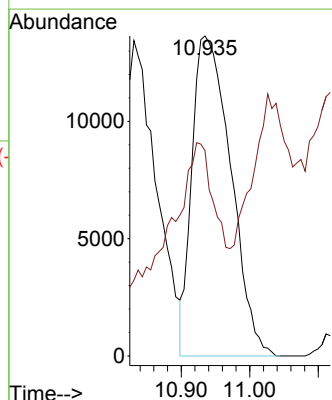
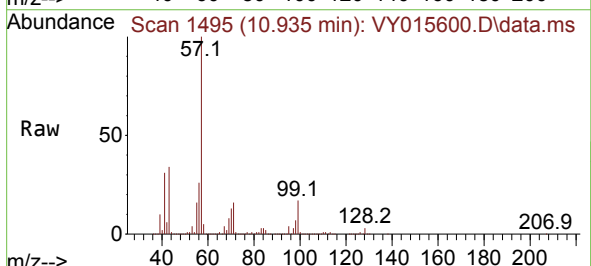
Acq: 16 Sep 2023 04:20

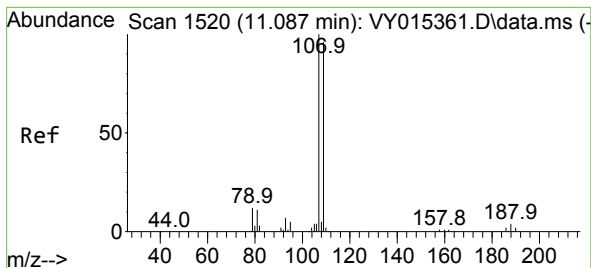
Tgt Ion:129 Resp: 53510

Ion Ratio Lower Upper

129 100

127 76.7 38.5 115.5

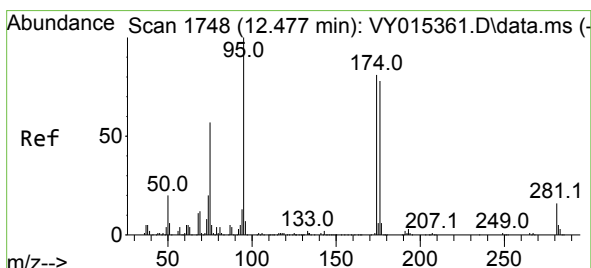
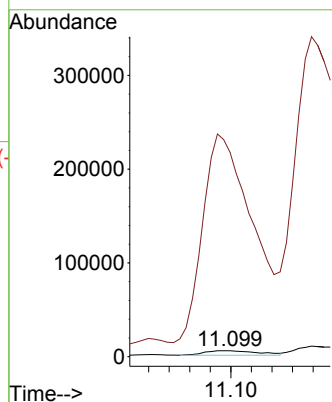
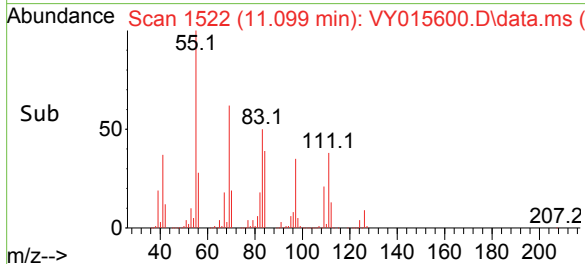
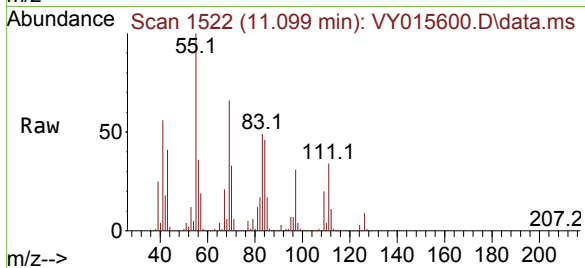




#61
1,2-Dibromoethane
Concen: 8.999 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

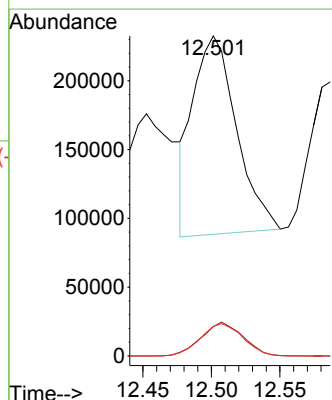
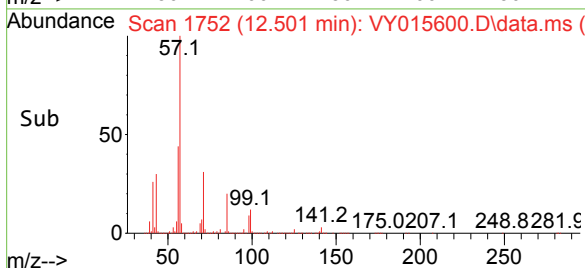
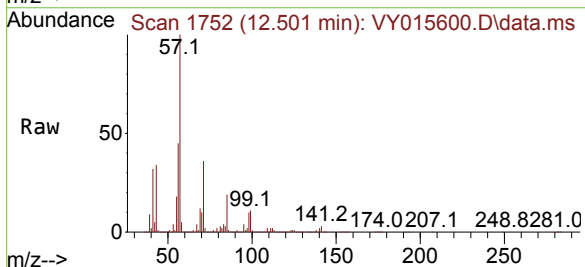
Instrument :
MSVOA_Y
ClientSampleId :

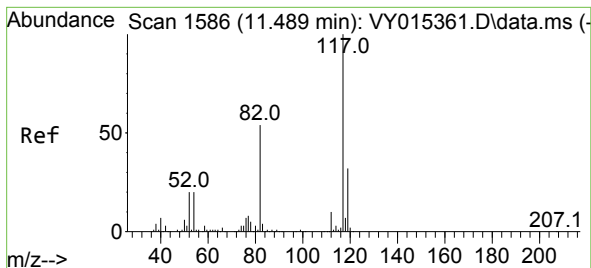
Tgt Ion:107 Resp: 17552
Ion Ratio Lower Upper
107 100
109 4196.1 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 136.519 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.024 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 95 Resp: 319630
Ion Ratio Lower Upper
95 100
174 16.2 0.0 178.2
176 15.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 1

Delta R.T. 0.024 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

ClientSampleId :

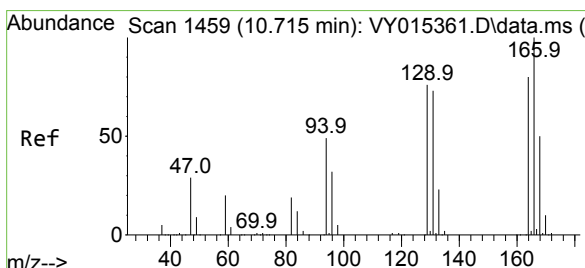
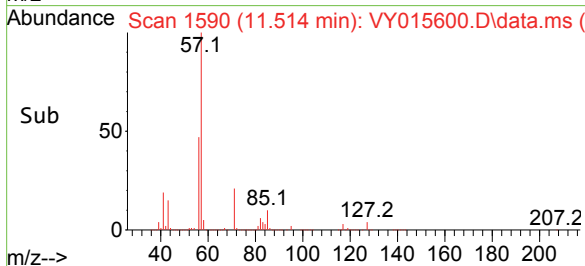
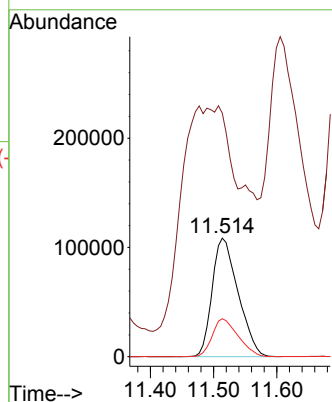
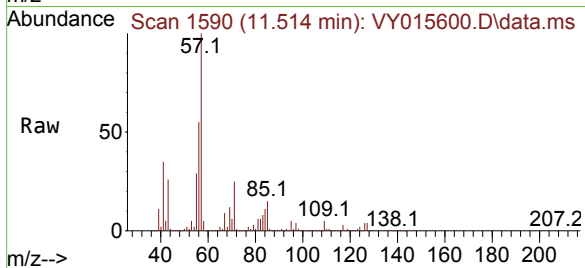
Tgt Ion:117 Resp: 309039

Ion Ratio Lower Upper

117 100

82 74.7 43.4 65.0#

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 1.161 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.024 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Tgt Ion:164 Resp: 3257

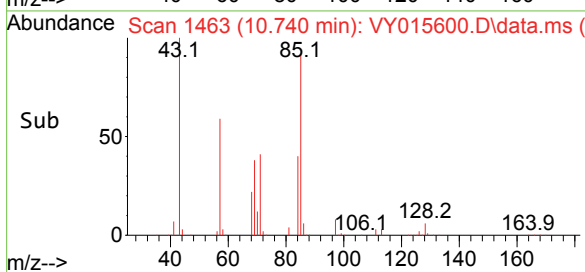
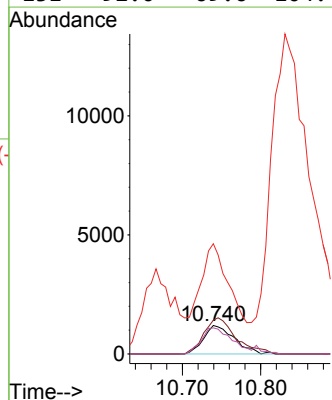
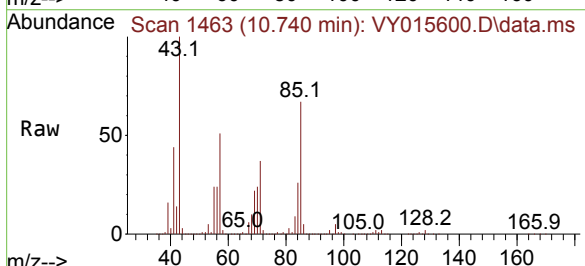
Ion Ratio Lower Upper

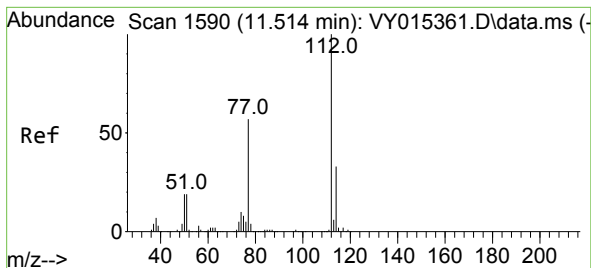
164 100

166 118.9 103.0 154.6

129 250.1 77.2 115.8#

131 92.0 69.6 104.4

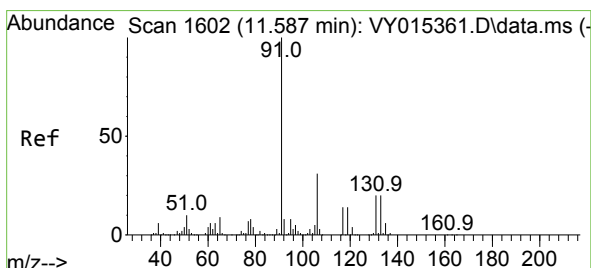
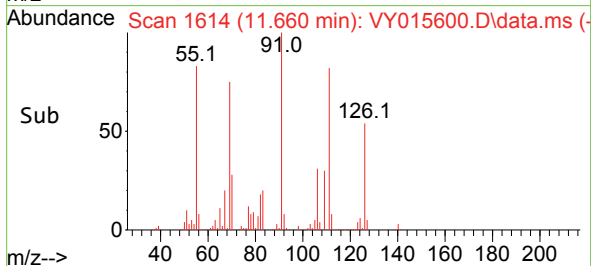
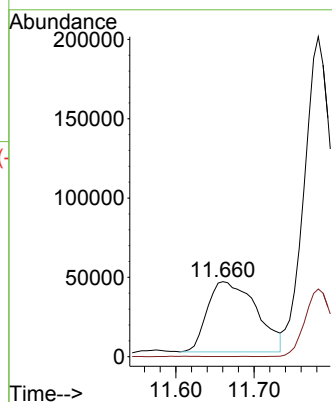
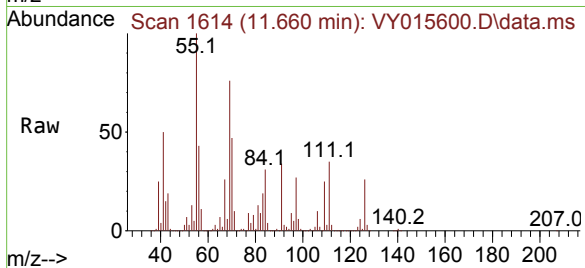




#65
Chlorobenzene
Concen: 28.959 ug/l
RT: 11.660 min Scan# 11
Delta R.T. 0.146 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

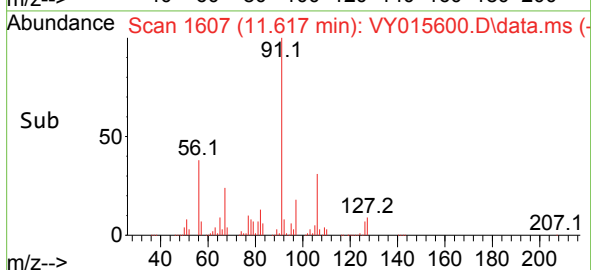
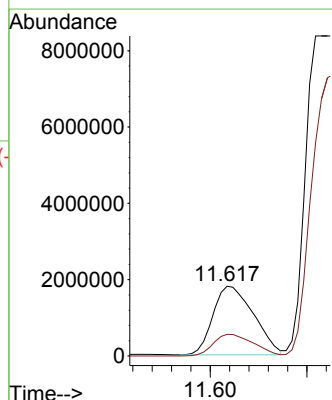
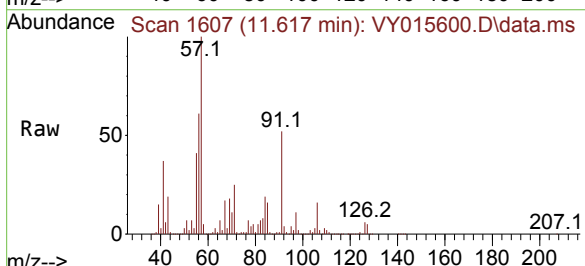
Instrument :
MSVOA_Y
ClientSampleId :

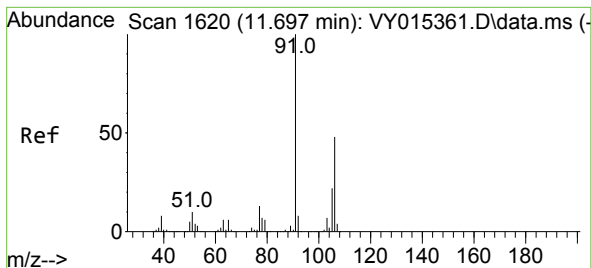
Tgt Ion:112 Resp: 192851
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 437.746 ug/l
RT: 11.617 min Scan# 1607
Delta R.T. 0.030 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 91 Resp: 5234494
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

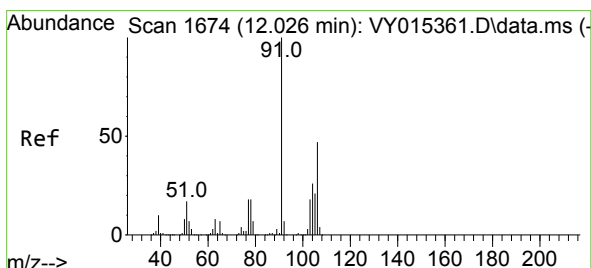
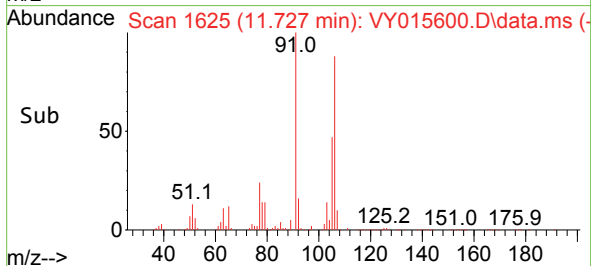
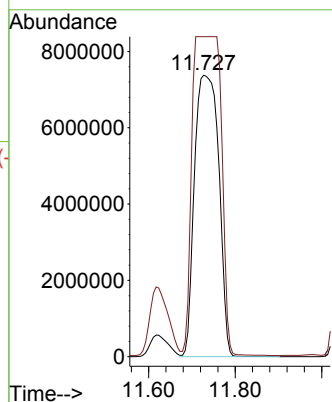
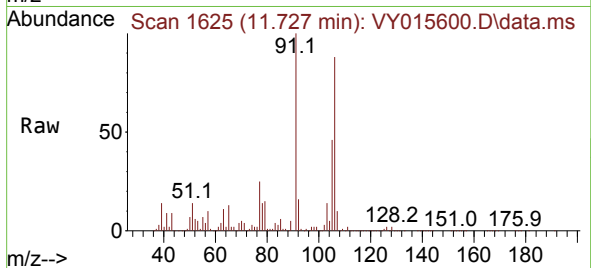




#68
m/p-Xylenes
Concen: 6182.099 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.024 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

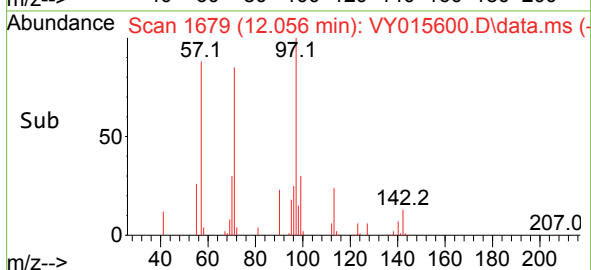
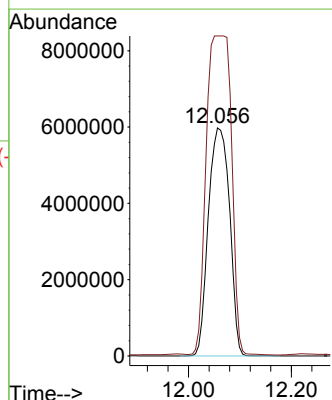
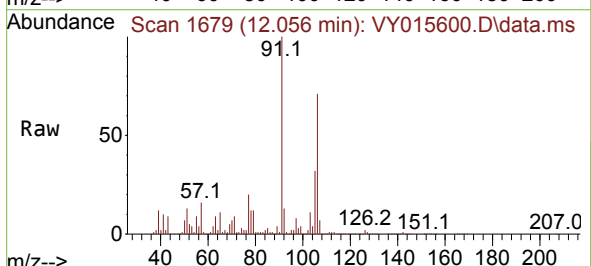
Instrument :
MSVOA_Y
ClientSampleId :

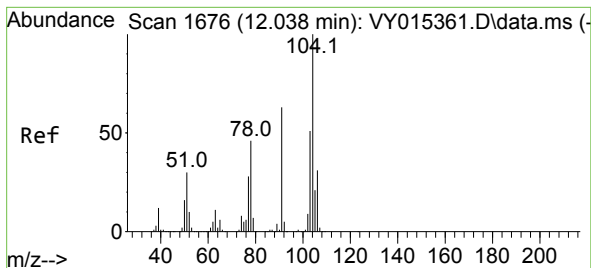
Tgt Ion:106 Resp:28654362
Ion Ratio Lower Upper
106 100
91 0.0 166.1 249.1#



#69
o-Xylene
Concen: 3857.904 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.030 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion:106 Resp:17089282
Ion Ratio Lower Upper
106 100
91 165.9 108.1 324.3





#70

Styrene

Concen: 121.984 ug/l

RT: 12.056 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

ClientSampleId :

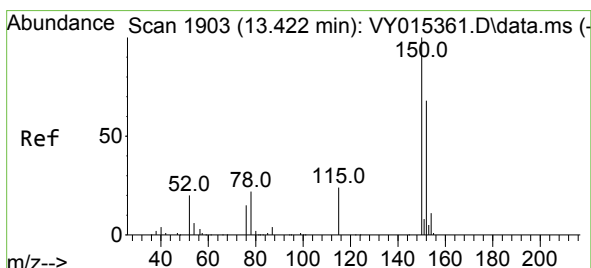
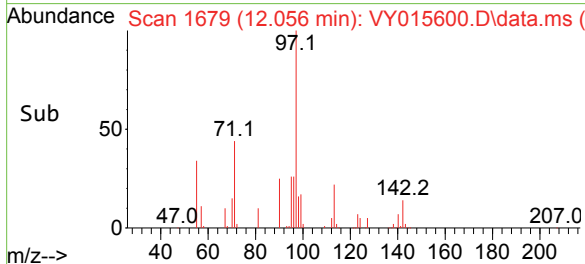
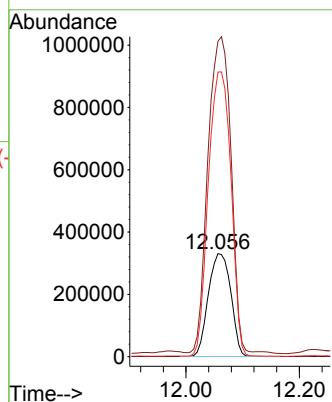
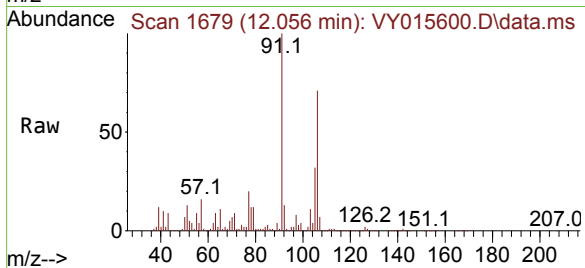
Tgt Ion:104 Resp: 908562

Ion Ratio Lower Upper

104 100

78 314.1 41.5 62.3#

103 279.1 44.6 67.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.024 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

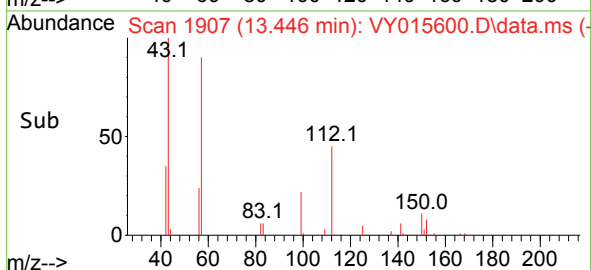
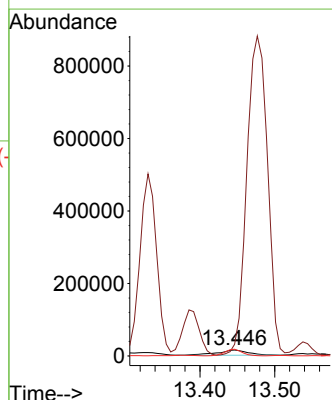
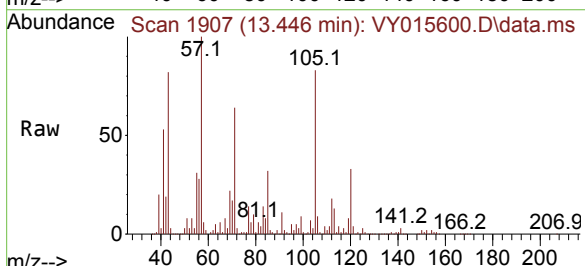
Tgt Ion:152 Resp: 40840

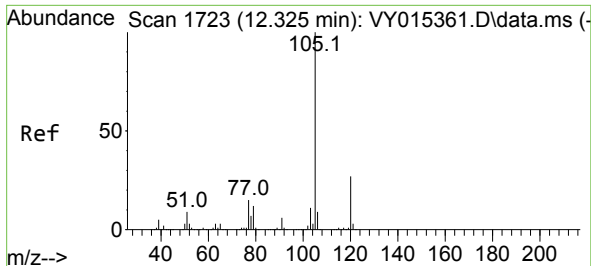
Ion Ratio Lower Upper

152 100

115 0.0 28.8 86.5#

150 71.7 0.0 348.8

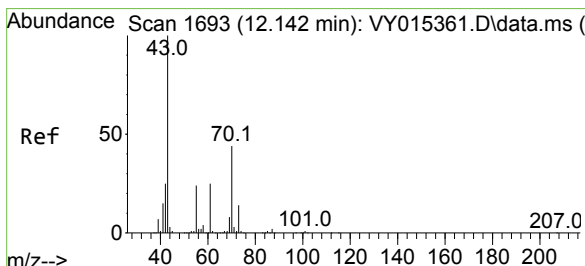
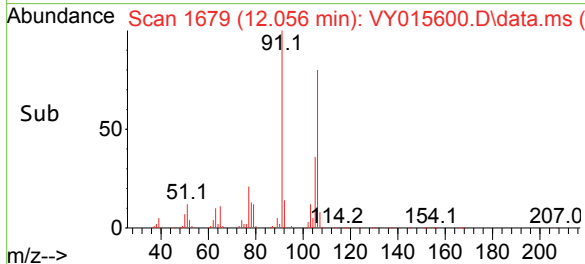
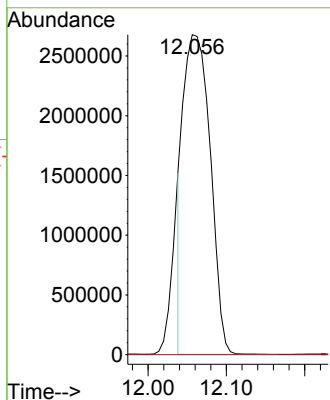
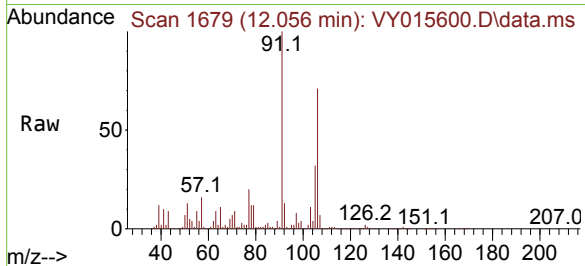




#73
Isopropylbenzene
Concen: 2093.417 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.268 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

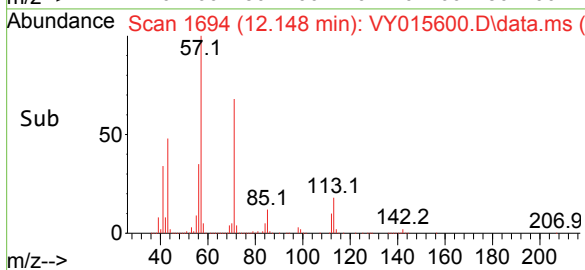
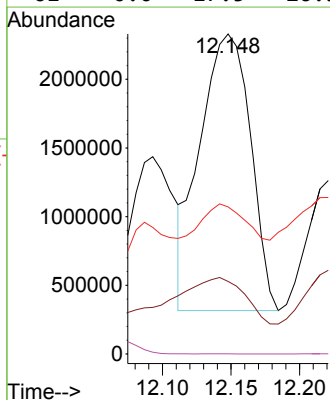
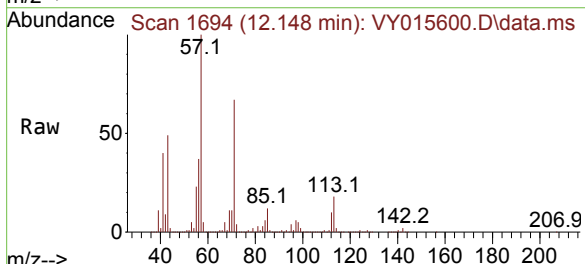
Instrument :
MSVOA_Y
ClientSampleId :

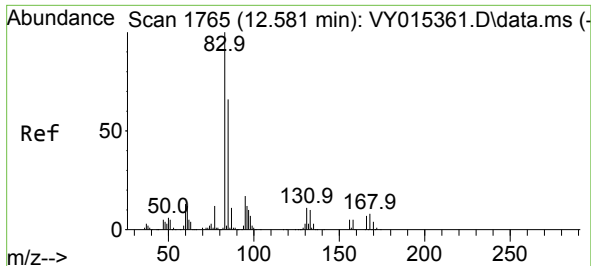
Tgt Ion:105 Resp: 6421824
Ion Ratio Lower Upper
105 100
120 0.0 13.3 39.9#



#74
N-ethyl acetate
Concen: 5019.206 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 43 Resp: 5172840
Ion Ratio Lower Upper
43 100
70 22.8 29.7 44.5#
55 10.0 18.3 27.5#
61 0.0 17.5 26.3#

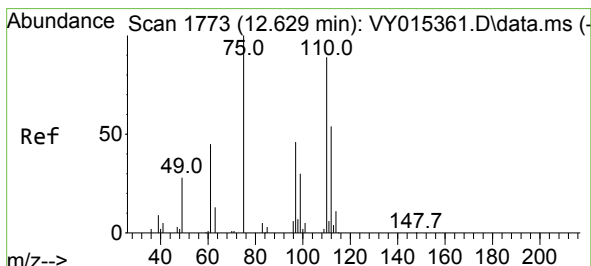
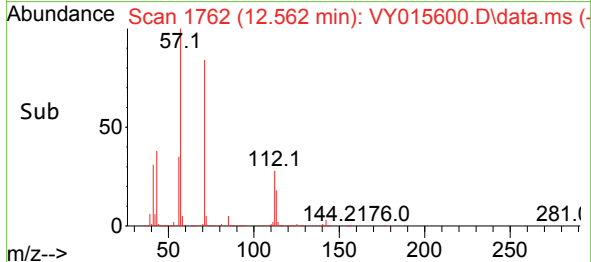
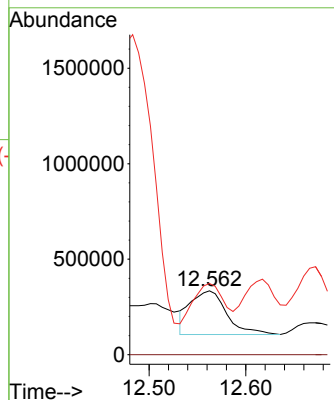
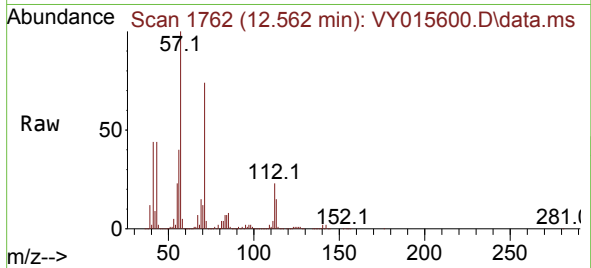




#75
1,1,2,2-Tetrachloroethane
Concen: 824.800 ug/l
RT: 12.562 min Scan# 1762
Delta R.T. -0.018 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

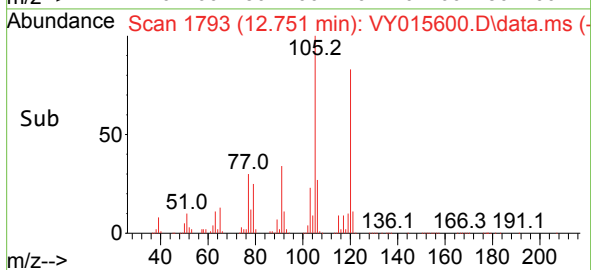
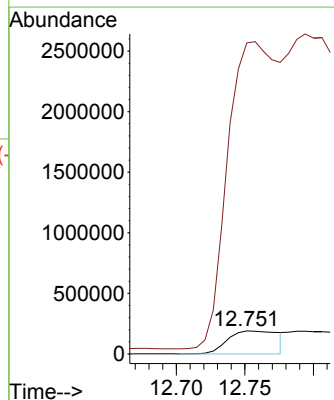
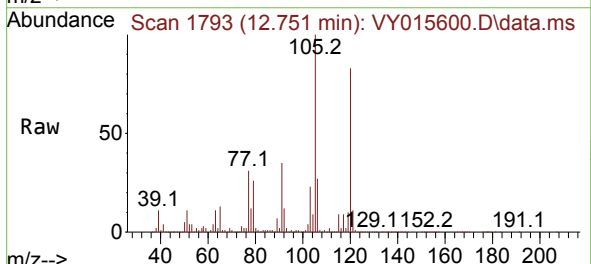
Instrument :
MSVOA_Y
ClientSampleId :

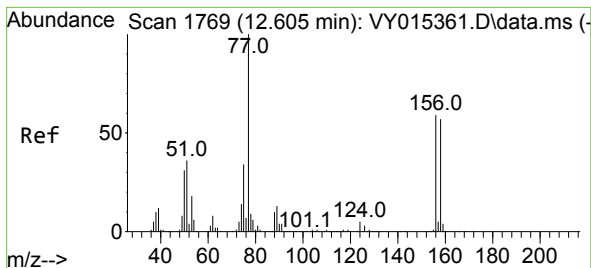
Tgt Ion: 83 Resp: 604001
Ion Ratio Lower Upper
83 100
131 0.0 5.4 16.2#
85 137.5 31.8 95.4#



#76
1,2,3-Trichloropropane
Concen: 896.532 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.122 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 75 Resp: 485545
Ion Ratio Lower Upper
75 100
77 1345.9 0.0 0.0#





#77

Bromobenzene

Concen: 21.288 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.012 min

Lab File: VY015600.D

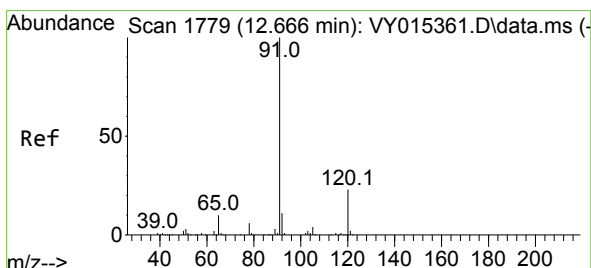
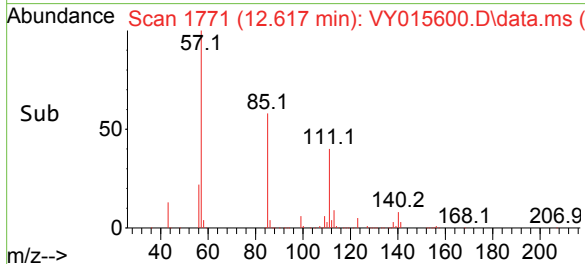
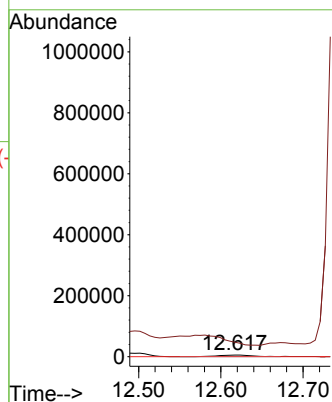
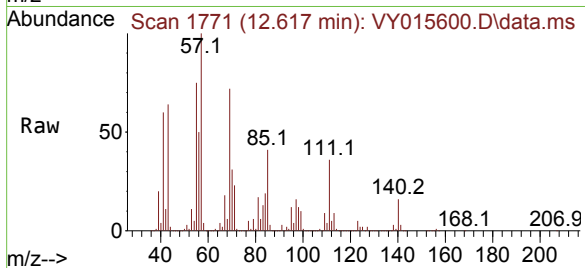
Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156	Resp:	15467
Ion Ratio	Lower	Upper
156	100	
77	0.0	92.8 278.6#
158	0.0	48.4 145.3#



#78

n-propylbenzene

Concen: 2002.703 ug/l

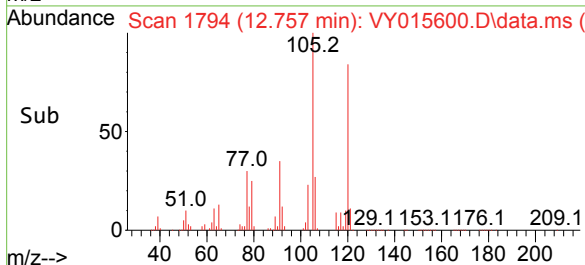
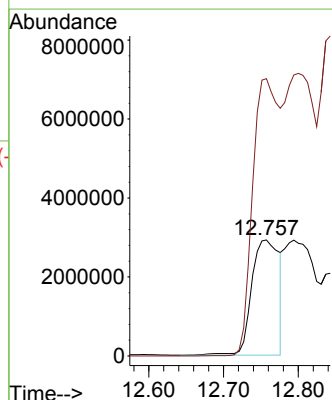
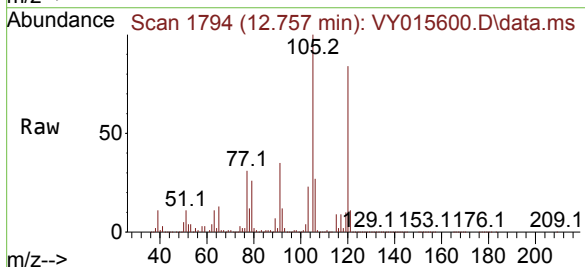
RT: 12.757 min Scan# 1794

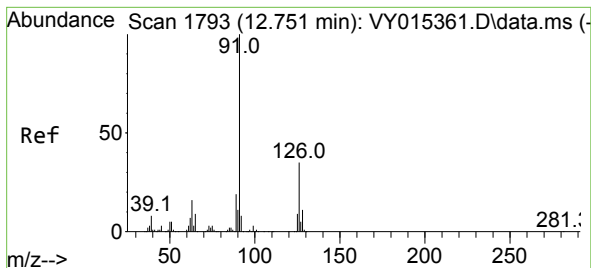
Delta R.T. 0.091 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Tgt Ion: 91	Resp: 7433859
Ion Ratio	Lower Upper
91	100
120	232.4 11.5 34.4#

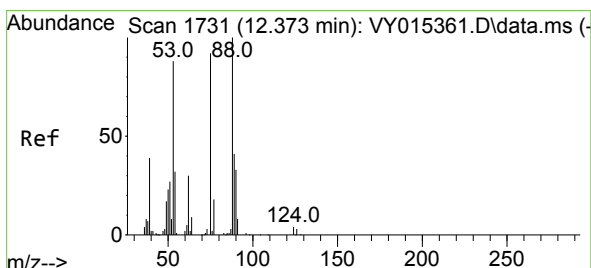
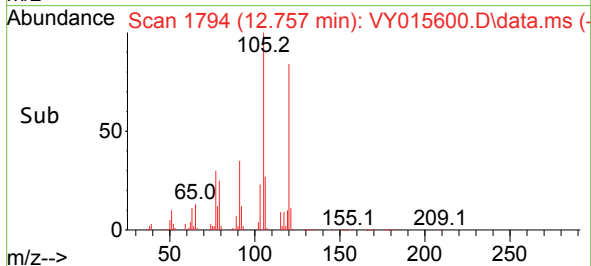
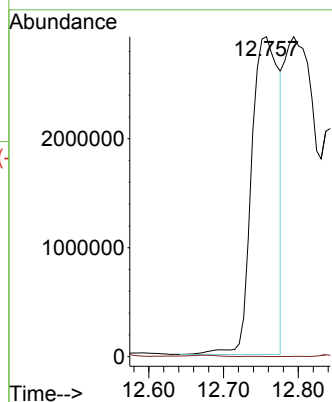
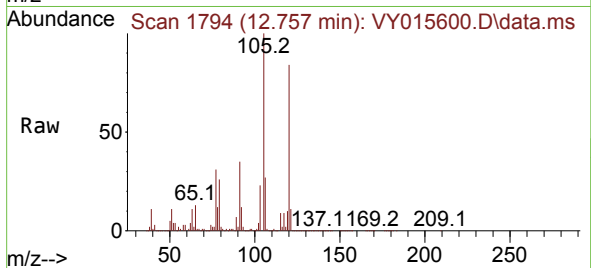




#79
2-Chlorotoluene
Concen: 3570.597 ug/l
RT: 12.757 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

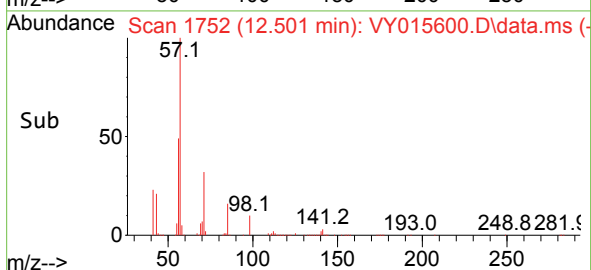
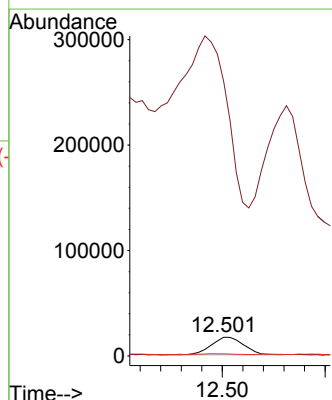
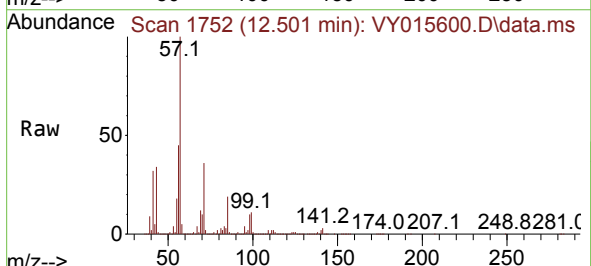
Instrument :
MSVOA_Y
ClientSampleId :

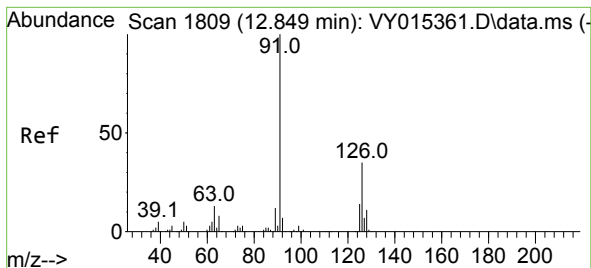
Tgt Ion: 91 Resp: 7433859
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.184 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.122 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion: 75 Resp: 36136
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#82

4-Chlorotoluene

Concen: 3435.605 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.092 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

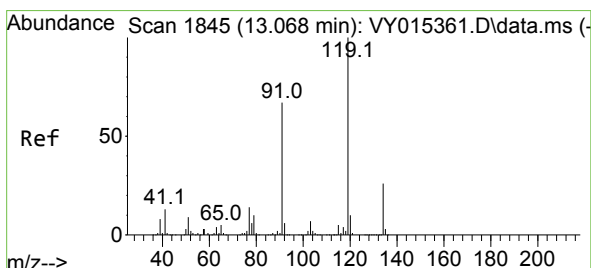
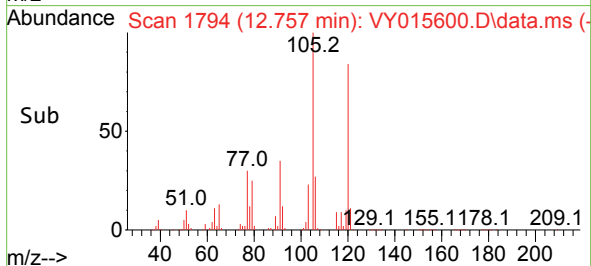
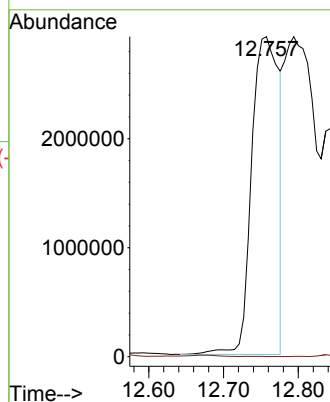
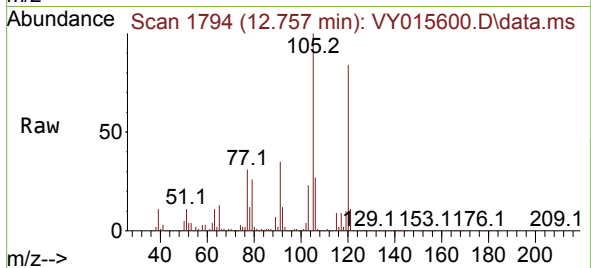
ClientSampleId :

Tgt Ion: 91 Resp: 7433859

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



#83

tert-Butylbenzene

Concen: 2380.920 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.067 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

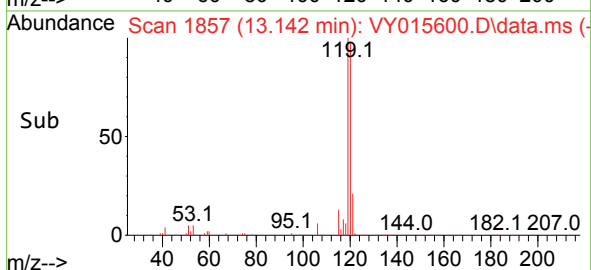
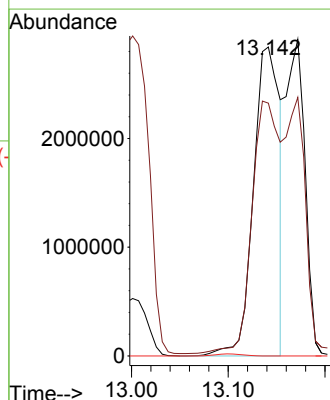
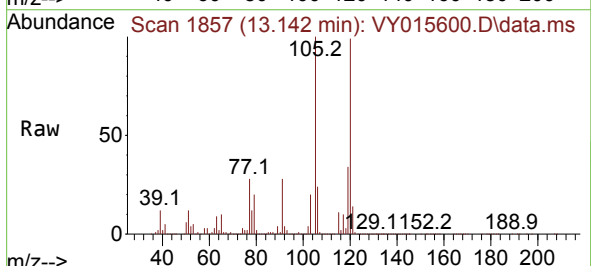
Tgt Ion: 119 Resp: 5350816

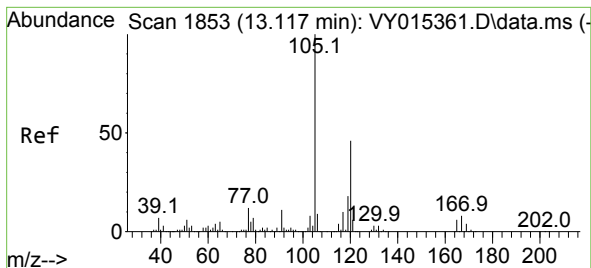
Ion Ratio Lower Upper

119 100

91 85.4 32.9 98.6

134 0.0 13.0 38.9#





#84

1,2,4-Trimethylbenzene

Concen: 734.414 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.152 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

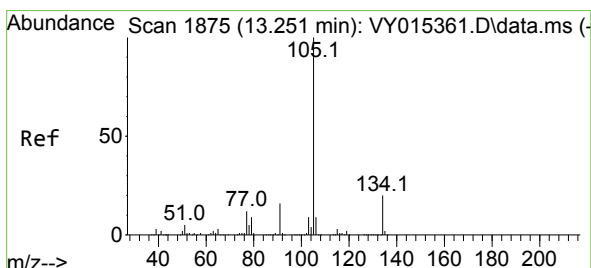
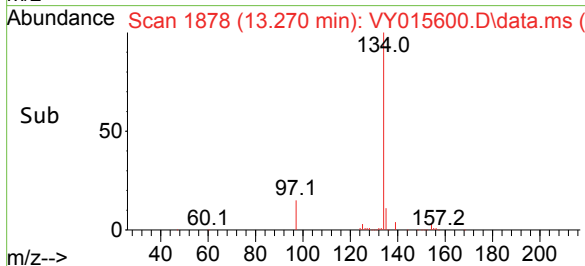
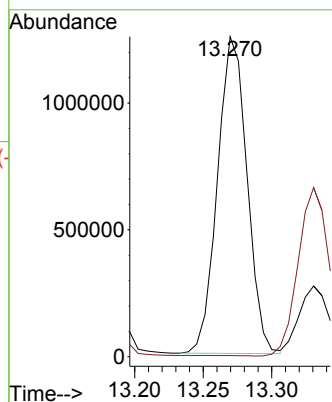
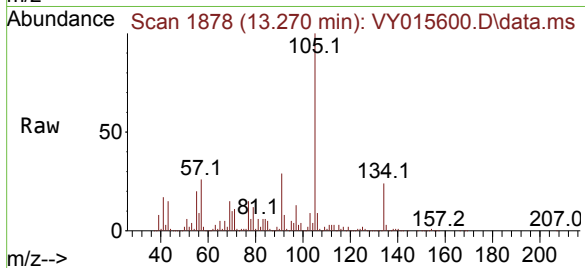
ClientSampleId :

Tgt Ion:105 Resp: 1871004

Ion Ratio Lower Upper

105 100

120 0.0 22.2 66.6#



#85

sec-Butylbenzene

Concen: 558.167 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.018 min

Lab File: VY015600.D

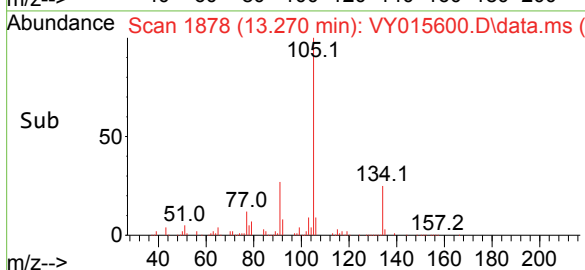
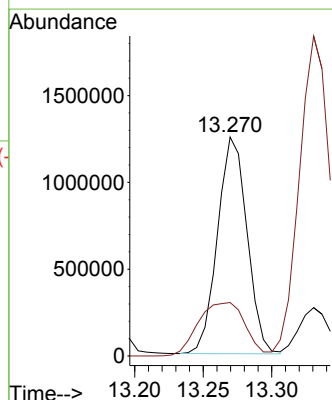
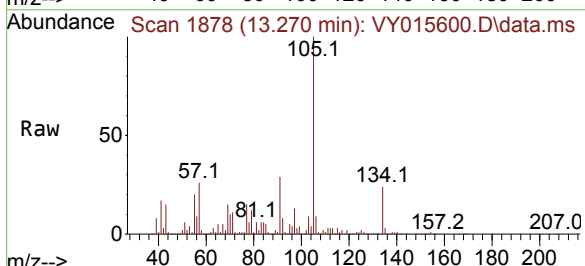
Acq: 16 Sep 2023 04:20

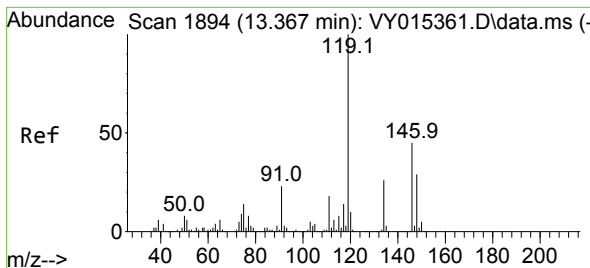
Tgt Ion:105 Resp: 1871004

Ion Ratio Lower Upper

105 100

134 38.8 10.2 30.6#





#86

p-Isopropyltoluene

Concen: 911.029 ug/l

RT: 13.385 min Scan# 119

Delta R.T. 0.018 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

ClientSampleId :

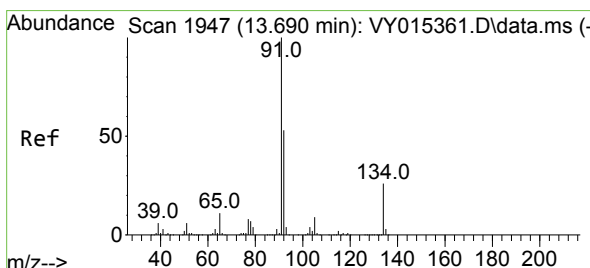
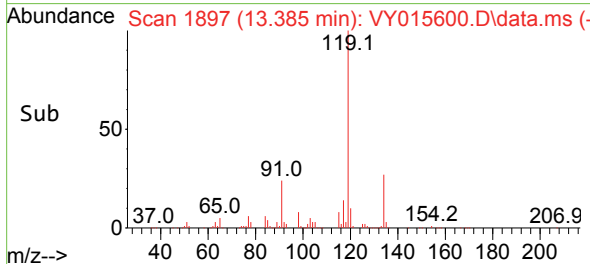
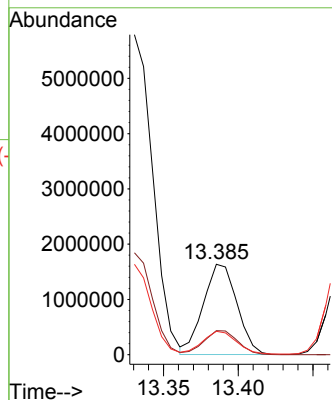
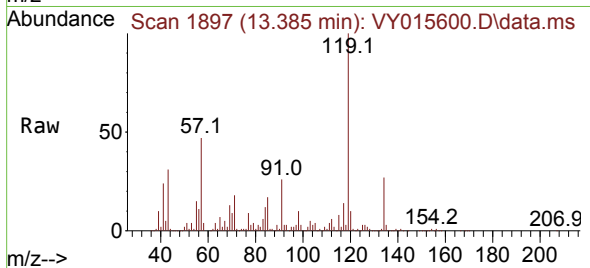
Tgt Ion:119 Resp: 2559456

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 25.1 12.4 37.4



#89

n-Butylbenzene

Concen: 2132.568 ug/l

RT: 13.678 min Scan# 1945

Delta R.T. -0.018 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

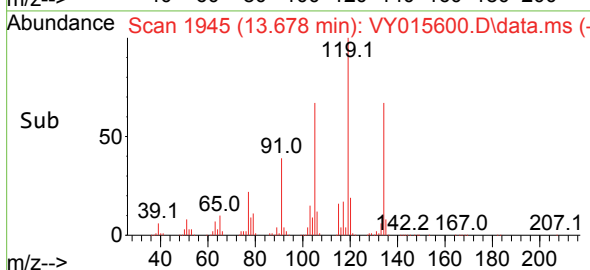
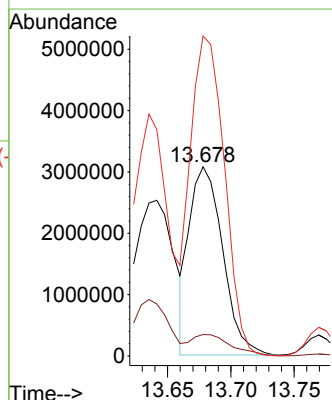
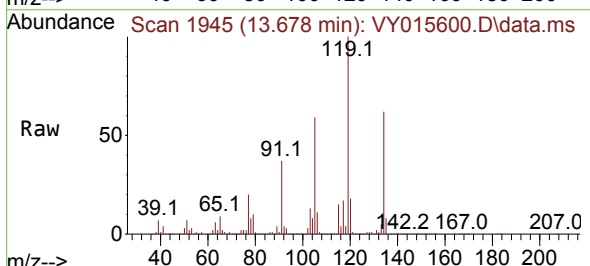
Tgt Ion: 91 Resp: 5639039

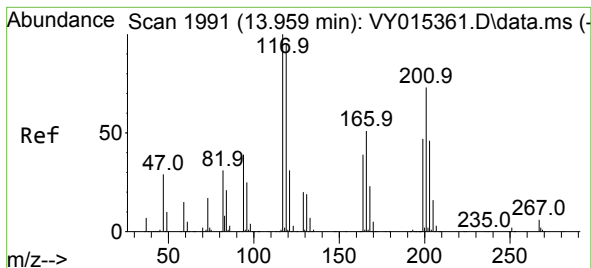
Ion Ratio Lower Upper

91 100

92 12.4 25.4 76.0#

134 171.3 12.6 37.6#





#90

Hexachloroethane

Concen: 3264.529 ug/l

RT: 13.983 min Scan# 1991

Delta R.T. 0.024 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

Instrument :

MSVOA_Y

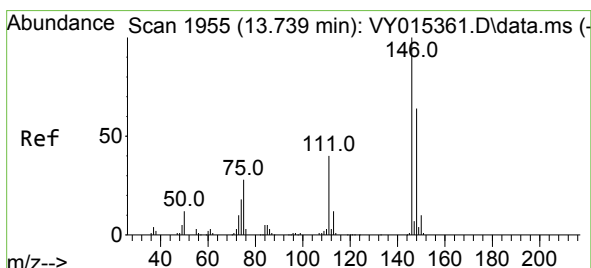
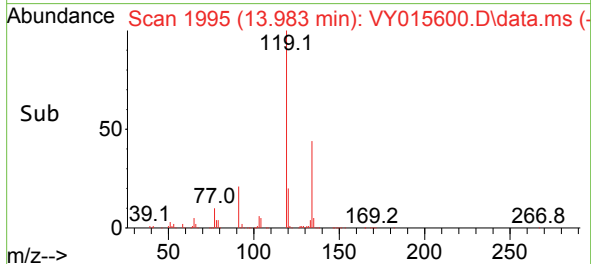
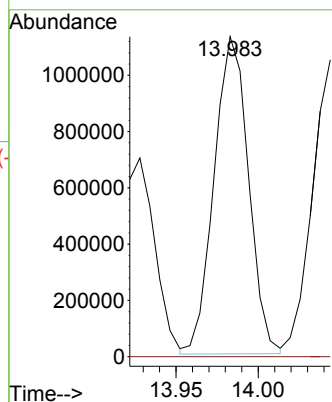
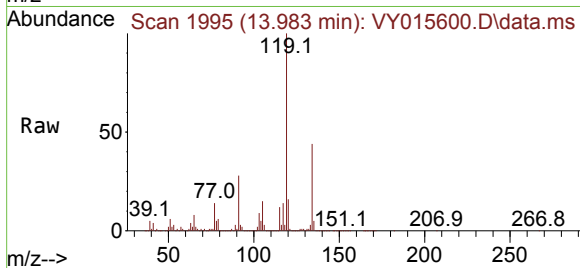
ClientSampleId :

Tgt Ion:117 Resp: 1640296

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#



#91

1,2-Dichlorobenzene

Concen: 1.584 ug/l

RT: 13.794 min Scan# 1964

Delta R.T. 0.055 min

Lab File: VY015600.D

Acq: 16 Sep 2023 04:20

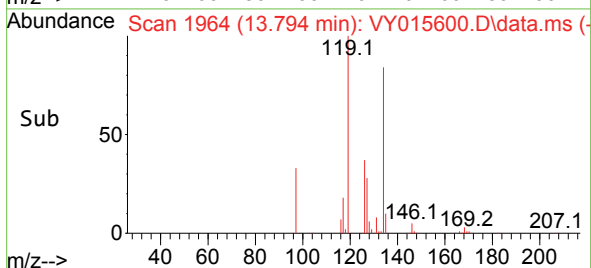
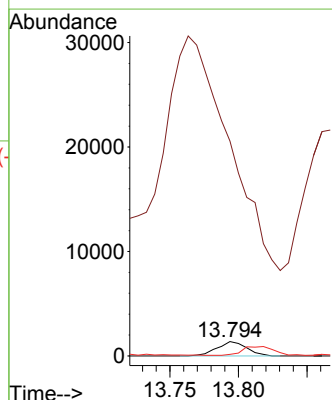
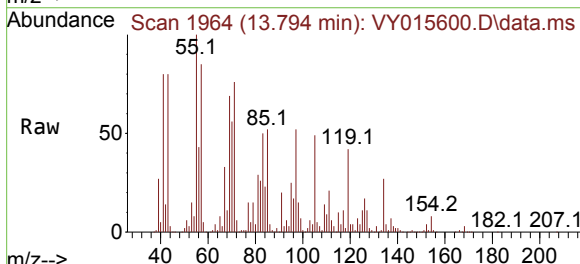
Tgt Ion:146 Resp: 2074

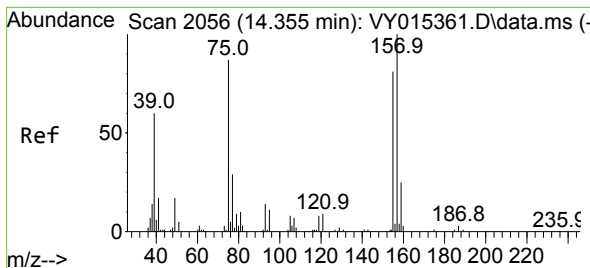
Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.0#

148 0.0 32.0 96.2#

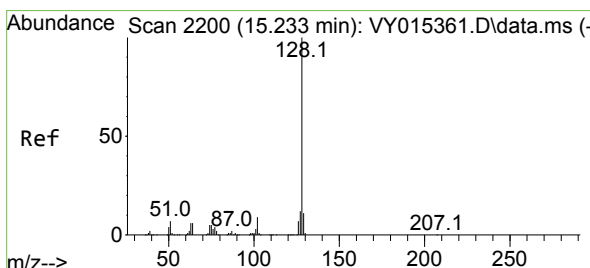
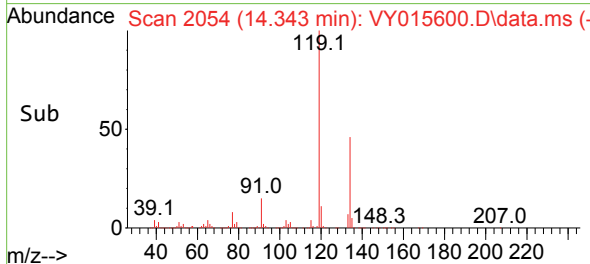
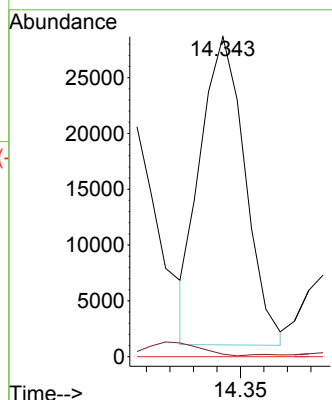
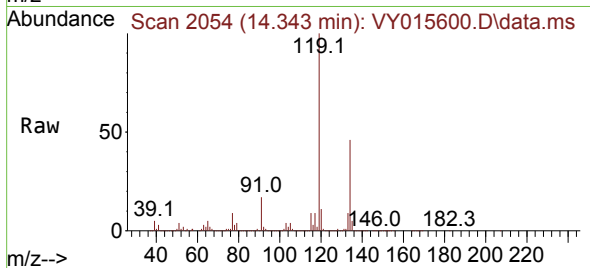




#92
1,2-Dibromo-3-Chloropropane
Concen: 252.592 ug/l
RT: 14.343 min Scan# 2054
Delta R.T. -0.012 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36591
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 483.312 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015600.D
Acq: 16 Sep 2023 04:20

Tgt Ion:128 Resp: 984182
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.1 8.6 13.0

