

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016010.D
 Acq On : 17 Oct 2023 17:32
 Operator : SY/MD
 Sample : 04881-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 06:10:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	131342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	219824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	197608	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	77962	52.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.020%	
35) Dibromofluoromethane	7.728	113	63743	46.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.120%	
50) Toluene-d8	10.184	98	296672	57.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.480%	
62) 4-Bromofluorobenzene	12.483	95	128868	69.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 139.660%	

Target Compounds				Qvalue		
3) Chloromethane	2.113	50	577	Below Cal	93	
11) Tert butyl alcohol	5.002	59	1648	1.895	ug/l #	89
13) Acrolein	3.698	56	1694	5.984	ug/l #	1
16) Acetone	3.978	43	71181	81.748	ug/l	92
17) Carbon Disulfide	4.198	76	4418	1.132	ug/l	97
20) Methylene Chloride	4.716	84	9222	1.520	ug/l #	74
25) 2-Butanone	7.008	43	19066	15.045	ug/l	96
31) Cyclohexane	7.789	56	58462	24.500	ug/l	92
36) 1,1-Dichloropropene	7.795	75	10176	4.873	ug/l #	59
37) Ethyl Acetate	7.008	43	19066	5.918	ug/l #	74
38) Carbon Tetrachloride	7.795	117	12888	5.861	ug/l #	16
39) Methylcyclohexane	9.191	83	282385	105.404	ug/l	92
40) Benzene	8.167	78	28694	4.749	ug/l	99
43) Isopropyl Acetate	8.276	43	6253	1.807	ug/l #	55
45) 1,2-Dichloropropane	9.197	63	3038	1.971	ug/l #	1
47) Bromodichloromethane	9.471	83	2795	1.277	ug/l #	37
48) Methyl methacrylate	9.246	41	9757	6.382	ug/l #	34
51) 4-Methyl-2-Pentanone	10.075	43	20729	8.126	ug/l	98
52) Toluene	10.245	92	533134	138.016	ug/l	95
55) 1,1,2-Trichloroethane	10.623	97	229070	148.471	ug/l #	18
56) Ethyl methacrylate	10.520	69	42977	17.794	ug/l #	1
59) 2-Hexanone	10.806	43	224688	103.188	ug/l #	33
65) Chlorobenzene	11.629	112	15804	3.817	ug/l #	43
67) Ethyl Benzene	11.593	91	1508576	208.376	ug/l	100
68) m/p-Xylenes	11.703	106	1930416	690.930	ug/l	95
69) o-Xylene	12.032	106	897122	335.854	ug/l	98
70) Styrene	12.032	104	49799	10.955	ug/l #	1
73) Isopropylbenzene	12.330	105	651138	81.845	ug/l	100
74) N-amyl acetate	12.123	43	552818	172.000	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.532	83	79702	32.616	ug/l #	58
76) 1,2,3-Trichloropropane	12.672	75	10918	4.964	ug/l #	100
78) n-propylbenzene	12.672	91	1797233	185.770	ug/l	99
79) 2-Chlorotoluene	12.739	91	553848	101.216	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.818	105	1697941	256.891	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.330	75	7191	7.702	ug/l #	10
82) 4-Chlorotoluene	12.812	91	202442	35.997	ug/l #	50

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 Response via : Initial Calibration

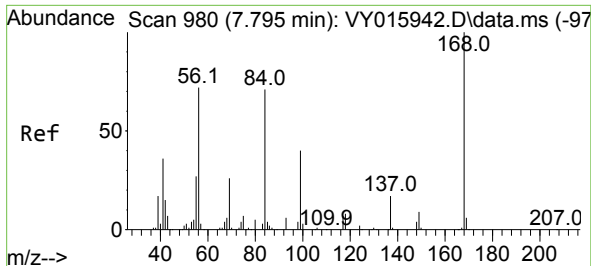
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	13.123	119	791659	136.306	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.123	105	6236749	940.017	ug/l	95
85) sec-Butylbenzene	13.257	105	1082369	125.570	ug/l	91
86) p-Isopropyltoluene	13.373	119	841287	116.797	ug/l	100
89) n-Butylbenzene	13.702	91	950169	140.280	ug/l #	69
90) Hexachloroethane	13.976	117	297866	215.761	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.385	75	13443	19.231	ug/l #	25
95) Naphthalene	15.238	128	651711	84.932	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.452	180	10527	4.642	ug/l #	1

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

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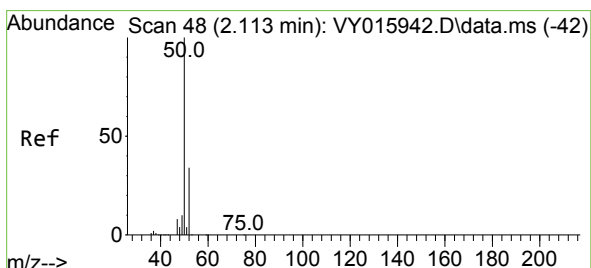
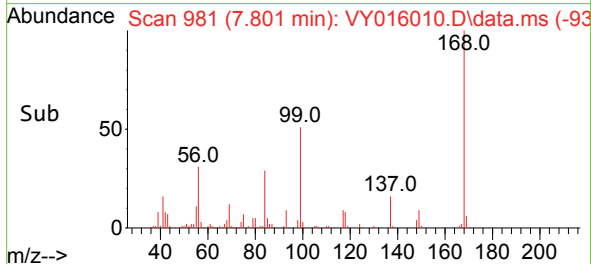
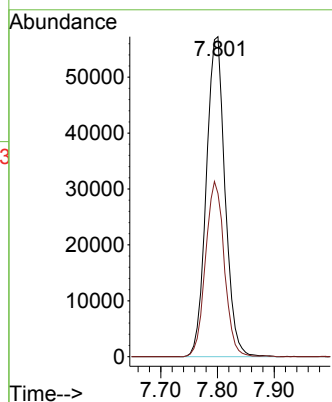
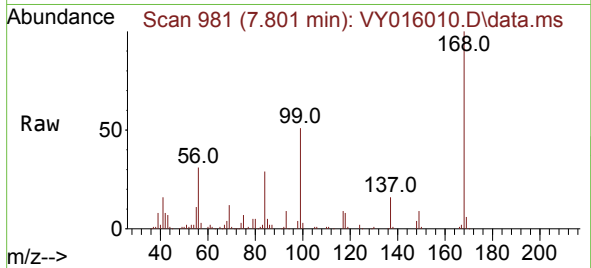




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY016010.D
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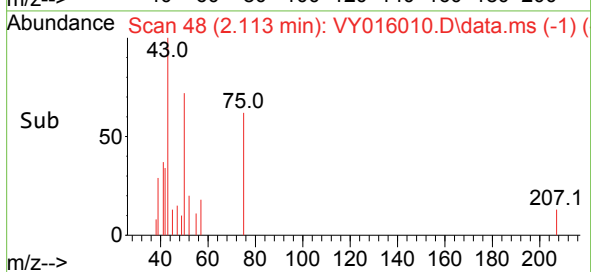
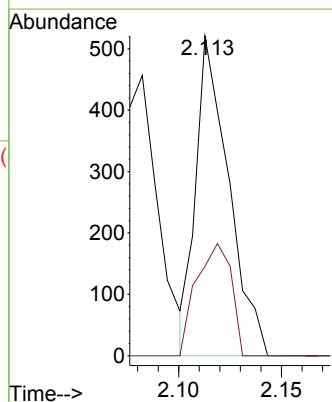
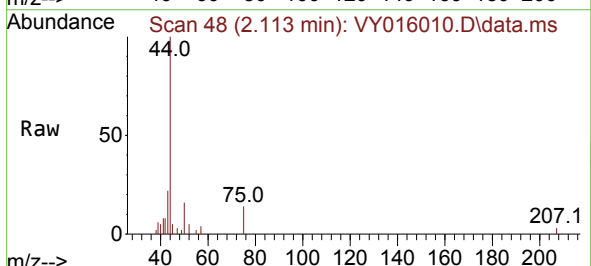
Instrument :
MSVOA_Y
ClientSampleId :

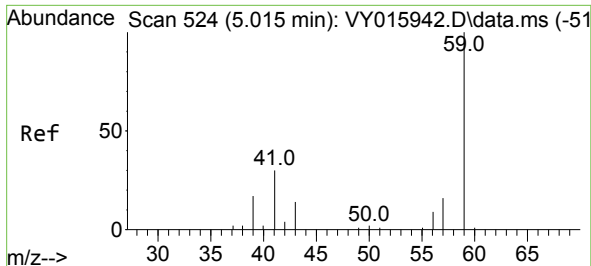
Tgt Ion:168 Resp: 131342
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion: 50 Resp: 577
Ion Ratio Lower Upper
50 100
52 28.0 25.4 38.2





#11

Tert butyl alcohol

Concen: 1.895 ug/l

RT: 5.002 min Scan# 51

Delta R.T. -0.013 min

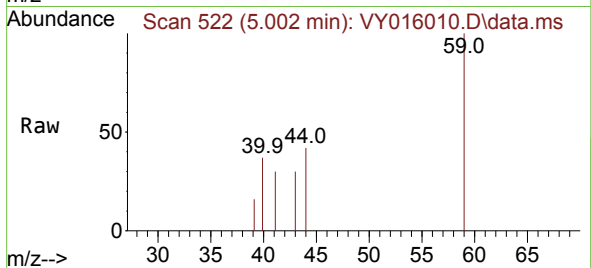
Lab File: VY016010.D

Acq: 17 Oct 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

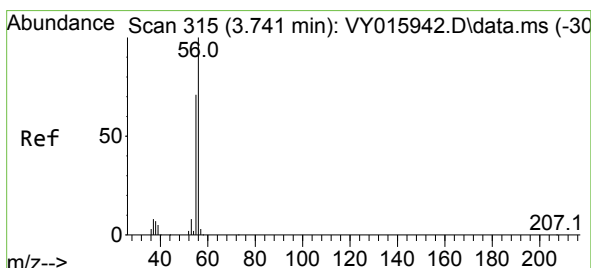
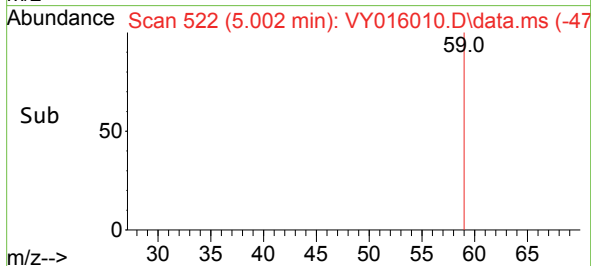
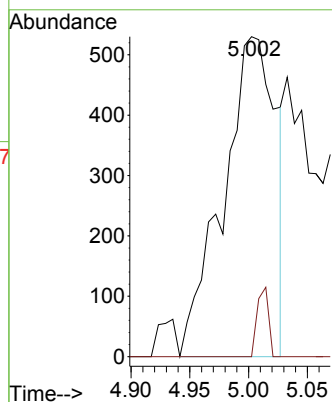


Tgt Ion: 59 Resp: 1648

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#13

Acrolein

Concen: 5.984 ug/l

RT: 3.698 min Scan# 308

Delta R.T. -0.043 min

Lab File: VY016010.D

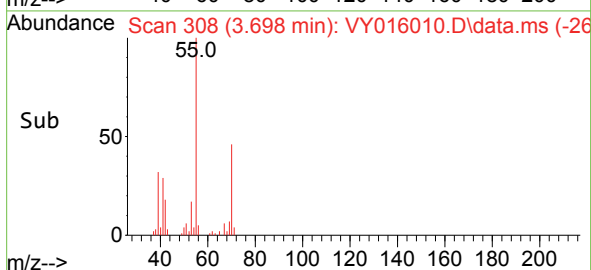
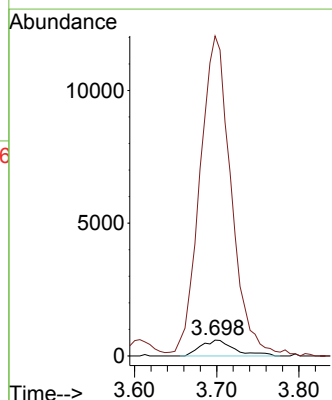
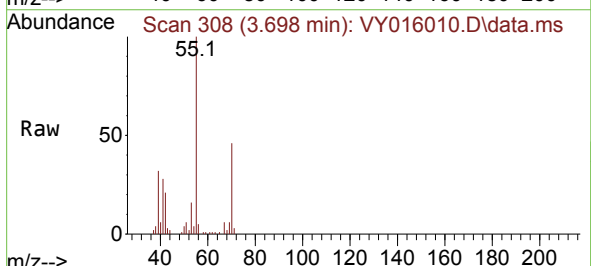
Acq: 17 Oct 2023 17:32

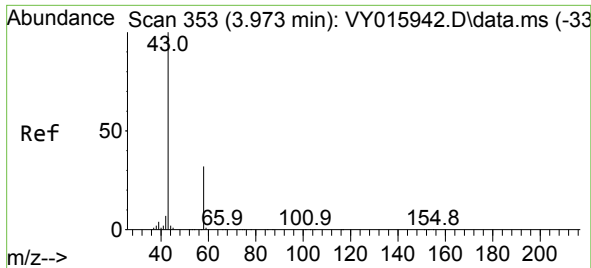
Tgt Ion: 56 Resp: 1694

Ion Ratio Lower Upper

56 100

55 1893.2 57.0 85.4#





#16

Acetone

Concen: 81.748 ug/l

RT: 3.978 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY016010.D

Acq: 17 Oct 2023 17:32

Instrument :

MSVOA_Y

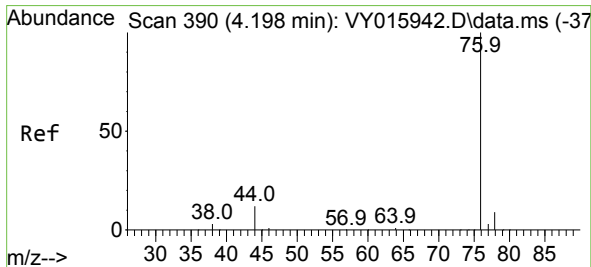
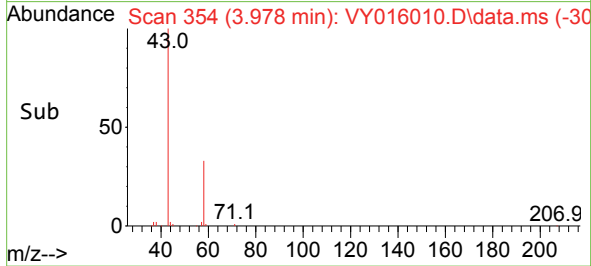
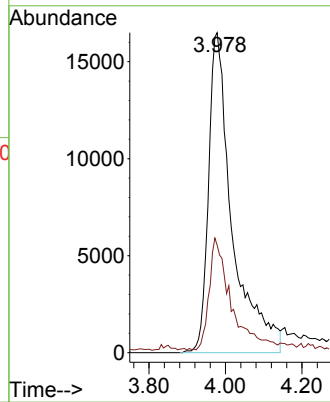
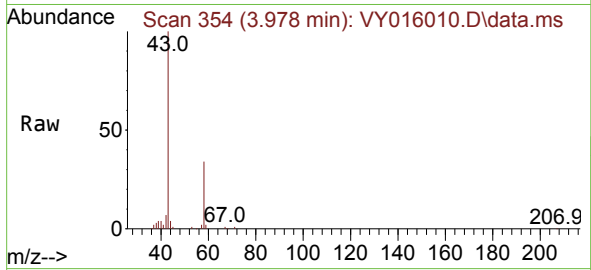
ClientSampleId :

Tgt Ion: 43 Resp: 71181

Ion Ratio Lower Upper

43 100

58 32.5 22.7 34.1



#17

Carbon Disulfide

Concen: 1.132 ug/l

RT: 4.198 min Scan# 390

Delta R.T. -0.000 min

Lab File: VY016010.D

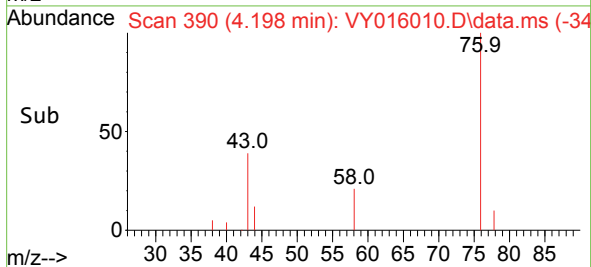
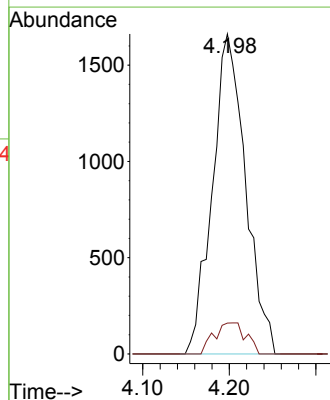
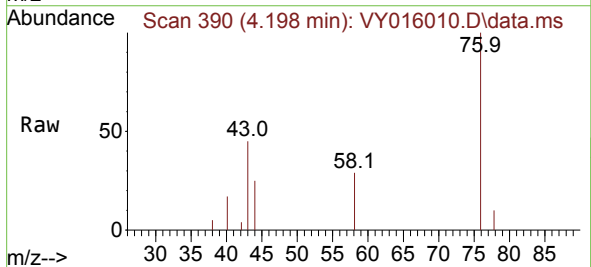
Acq: 17 Oct 2023 17:32

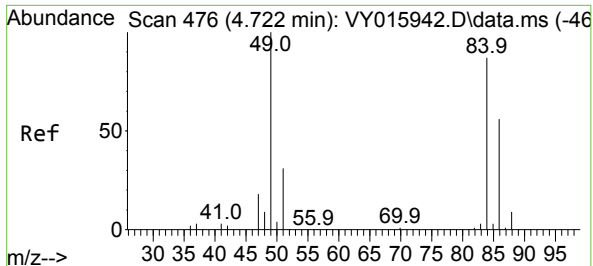
Tgt Ion: 76 Resp: 4418

Ion Ratio Lower Upper

76 100

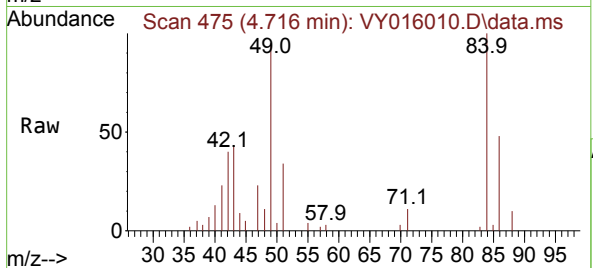
78 9.6 7.0 10.4



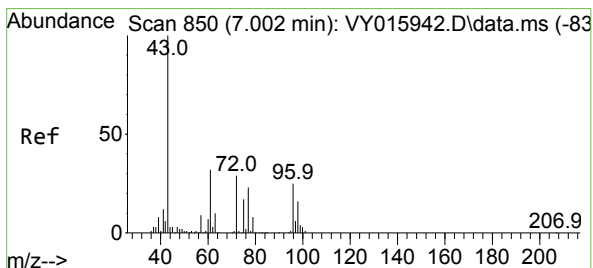
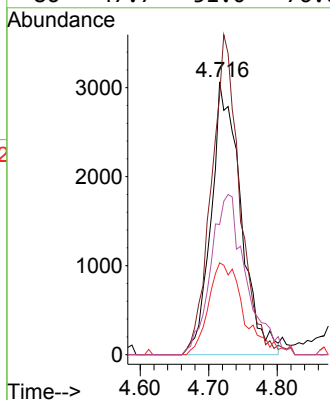
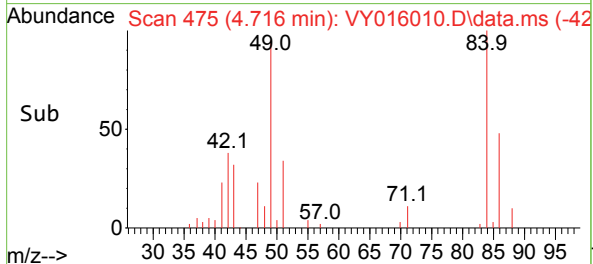


#20
Methylene Chloride
Concen: 1.520 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Instrument :
MSVOA_Y
ClientSampleId :

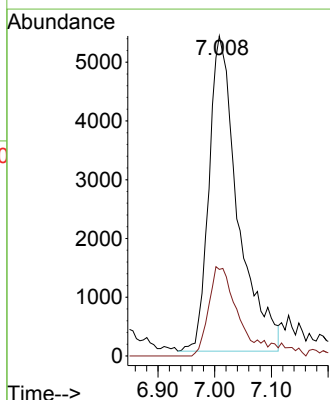
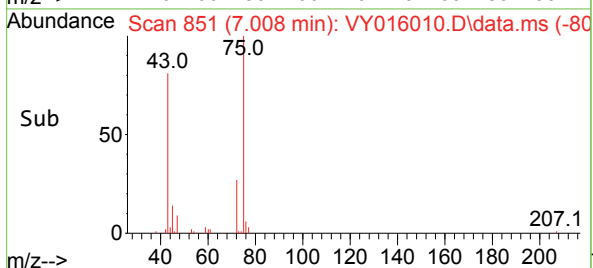
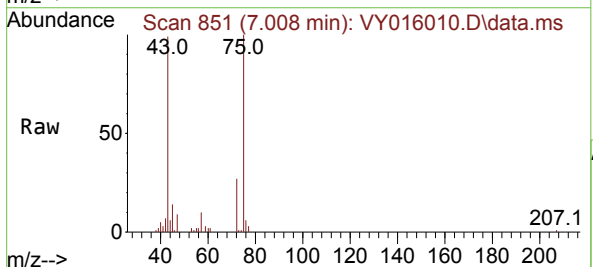


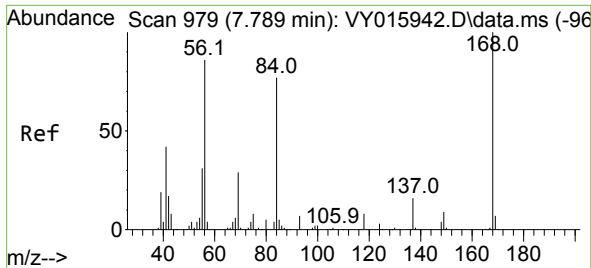
Tgt Ion: 84 Resp: 9222
Ion Ratio Lower Upper
84 100
49 95.0 106.9 160.3#
51 33.7 33.2 49.8
86 47.7 51.0 76.6#



#25
2-Butanone
Concen: 15.045 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

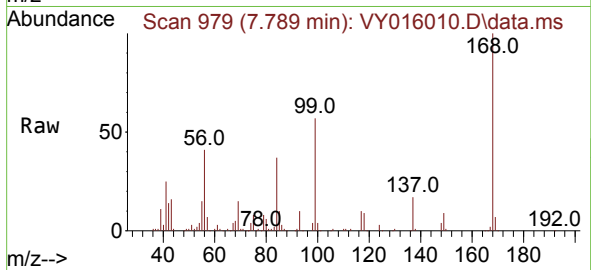
Tgt Ion: 43 Resp: 19066
Ion Ratio Lower Upper
43 100
72 27.5 20.5 30.7



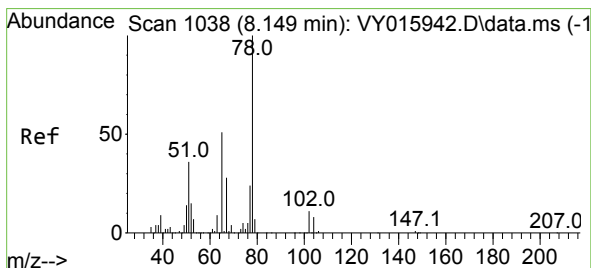
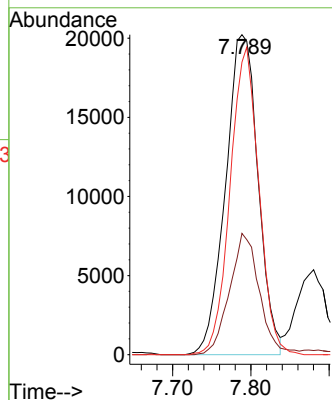
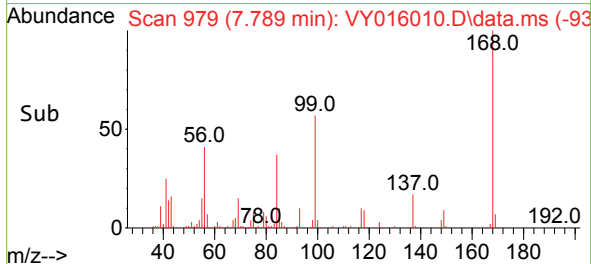


#31
Cyclohexane
Concen: 24.500 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Instrument :
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ClientSampleId :

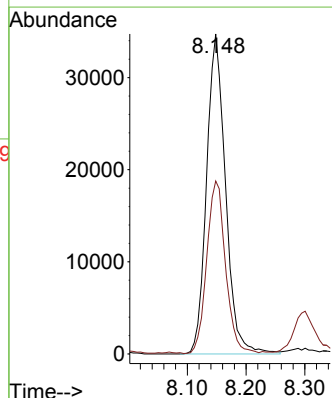
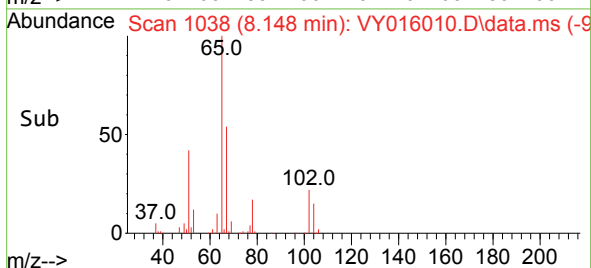
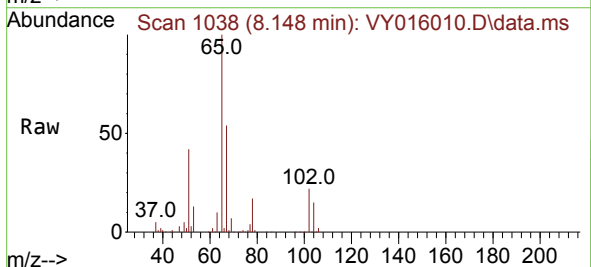


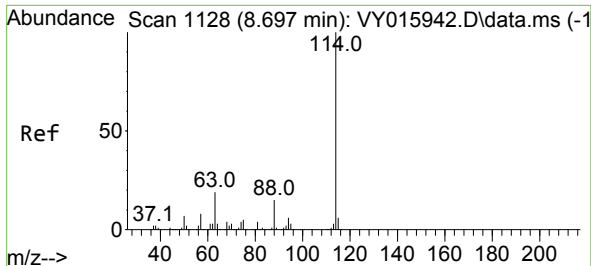
Tgt Ion: 56 Resp: 58462
Ion Ratio Lower Upper
56 100
69 37.9 27.8 41.6
84 91.4 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 52.010 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion: 65 Resp: 77962
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8

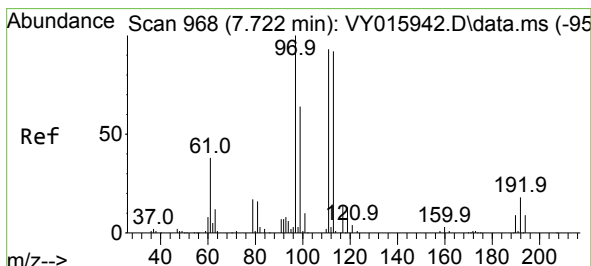
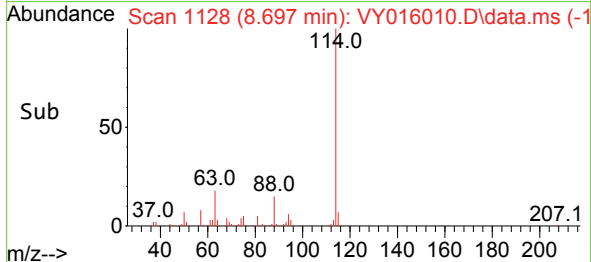
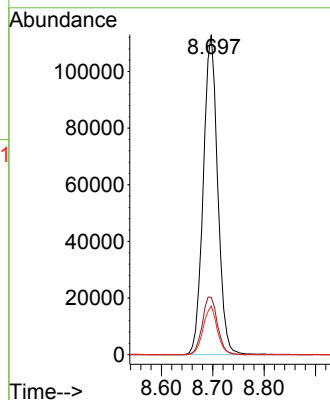
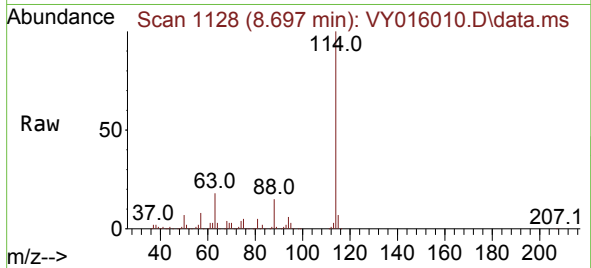




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

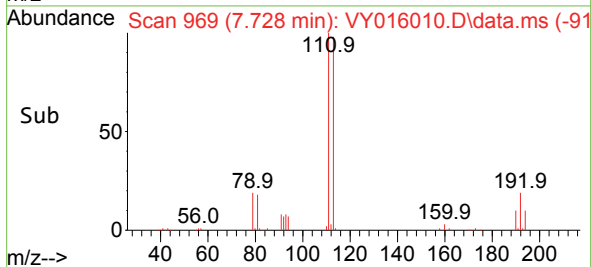
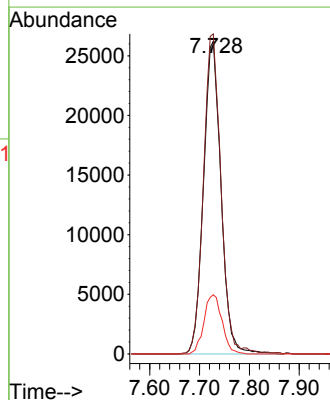
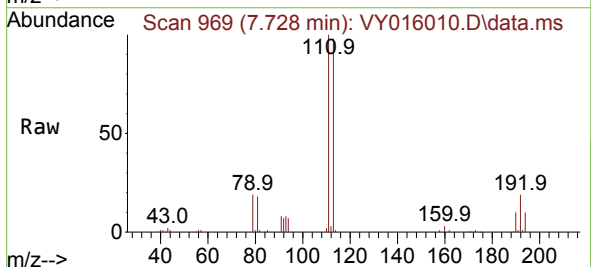
Instrument :
MSVOA_Y
ClientSampleId :

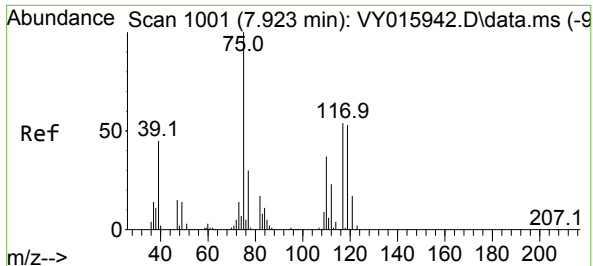
Tgt Ion:114 Resp: 219824
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.060 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

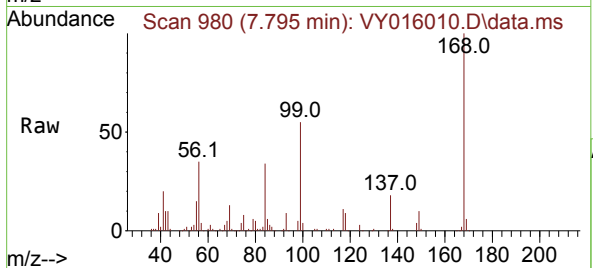
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Ion Ratio Lower Upper
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111 102.5 81.3 121.9
192 19.6 16.9 25.3



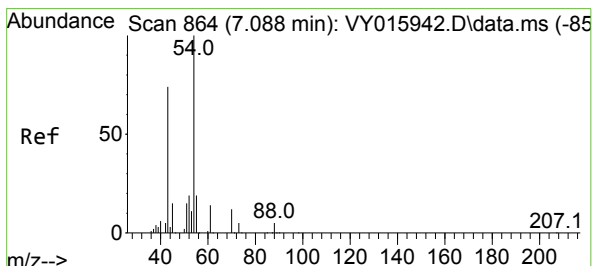
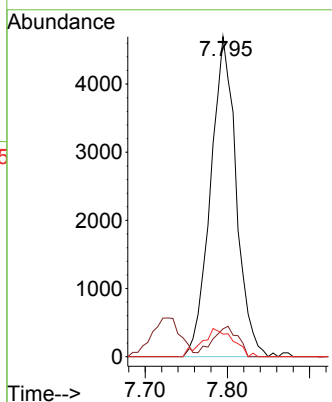
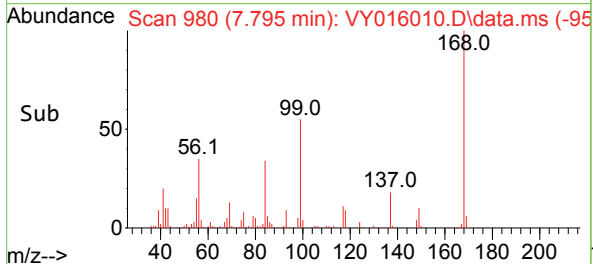


#36
 1,1-Dichloropropene
 Concen: 4.873 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY016010.D
 Acq: 17 Oct 2023 17:32

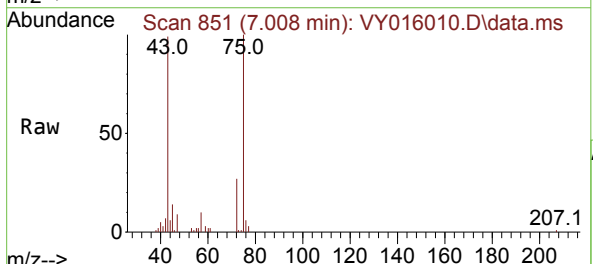
Instrument :
 MSVOA_Y
 ClientSampleId :



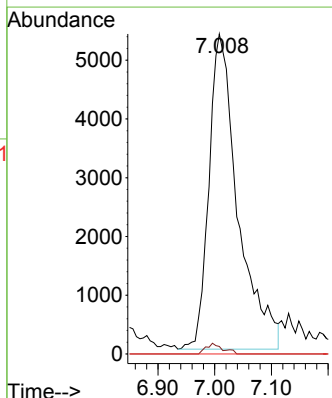
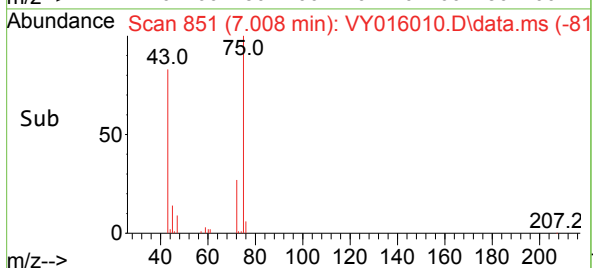
Tgt Ion: 75 Resp: 10176
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.8 53.5#
 77 10.5 24.4 36.6#

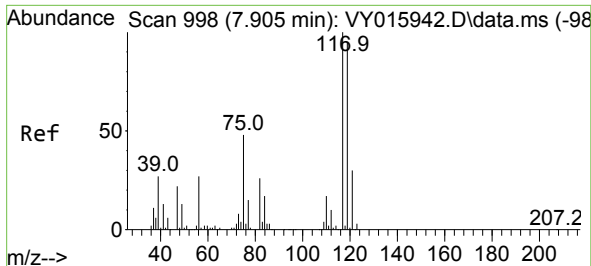


#37
 Ethyl Acetate
 Concen: 5.918 ug/l
 RT: 7.008 min Scan# 851
 Delta R.T. -0.080 min
 Lab File: VY016010.D
 Acq: 17 Oct 2023 17:32



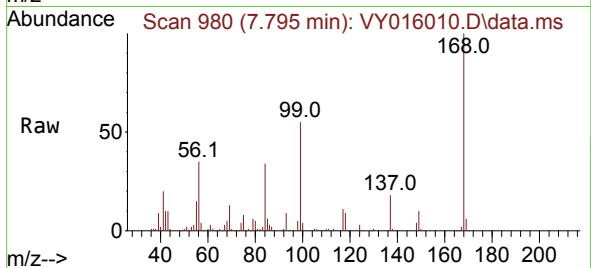
Tgt Ion: 43 Resp: 19066
 Ion Ratio Lower Upper
 43 100
 61 1.9 10.1 15.1#
 70 0.0 7.1 10.7#



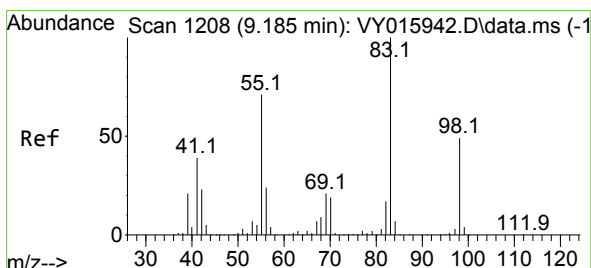
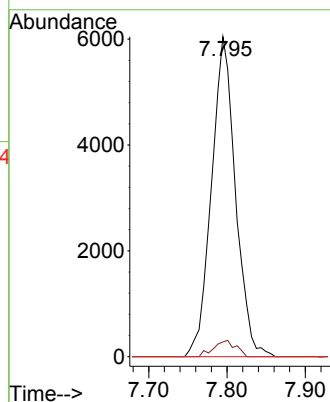
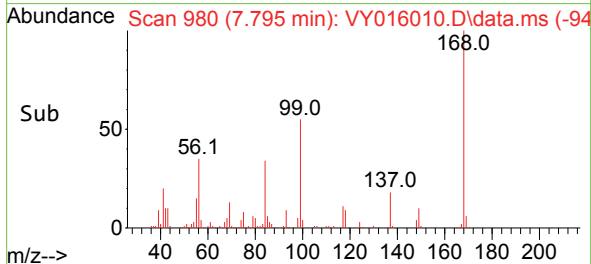


#38
Carbon Tetrachloride
Concen: 5.861 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Instrument :
MSVOA_Y
ClientSampleId :

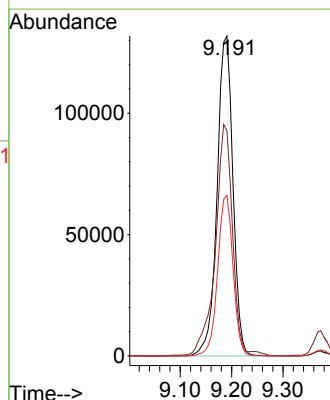
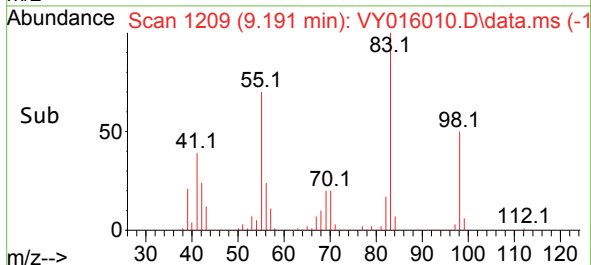
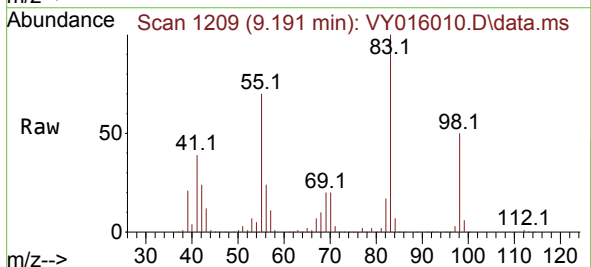


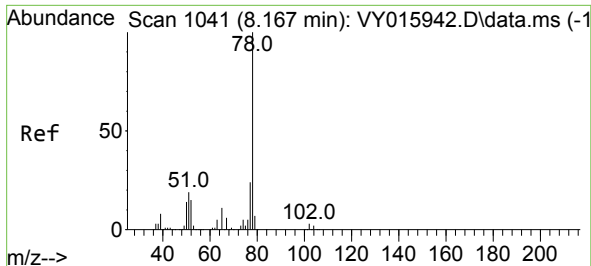
Tgt Ion: 117 Resp: 12888
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 105.404 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion: 83 Resp: 282385
Ion Ratio Lower Upper
83 100
55 70.3 63.0 94.4
98 50.2 37.4 56.2

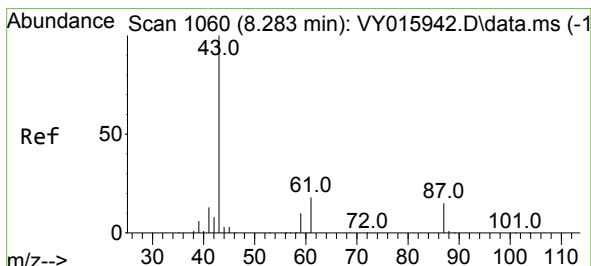
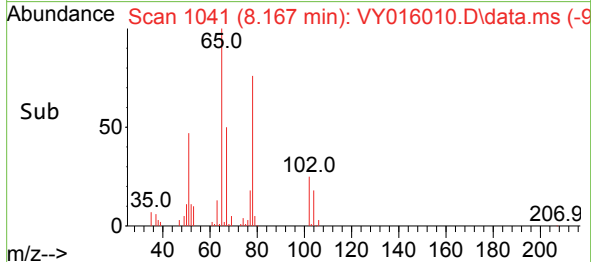
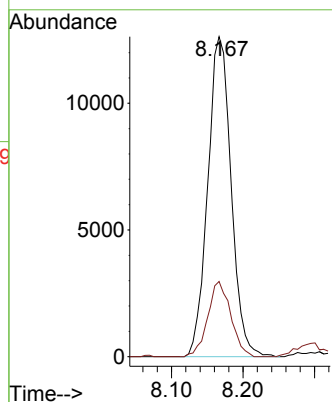
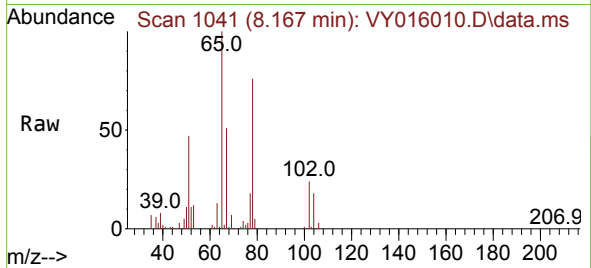




#40
Benzene
Concen: 4.749 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

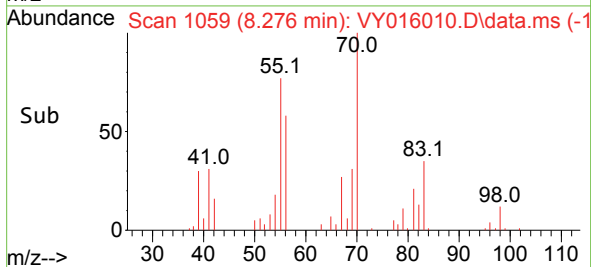
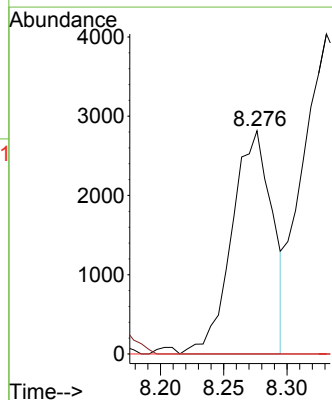
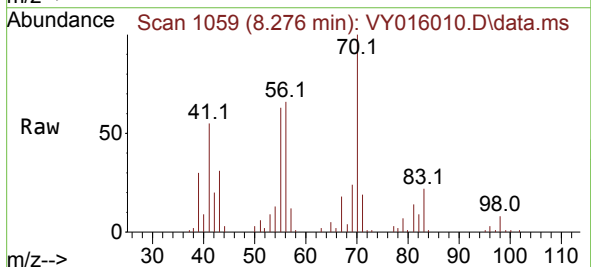
Instrument :
MSVOA_Y
ClientSampleId :

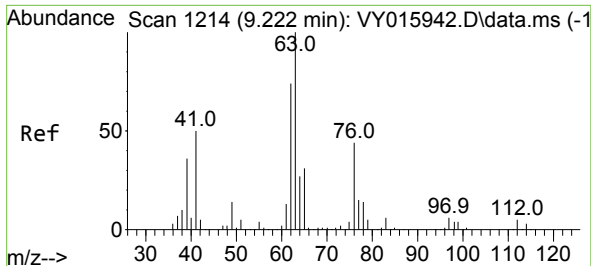
Tgt Ion: 78 Resp: 28694
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



#43
Isopropyl Acetate
Concen: 1.807 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion: 43 Resp: 6253
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#

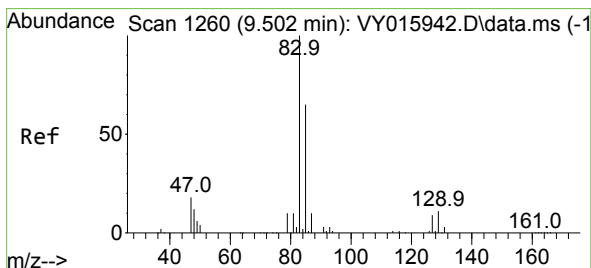
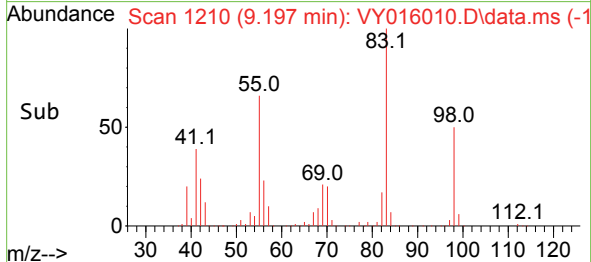
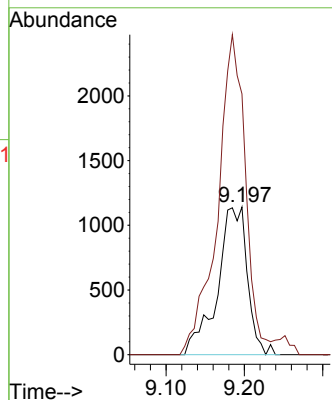
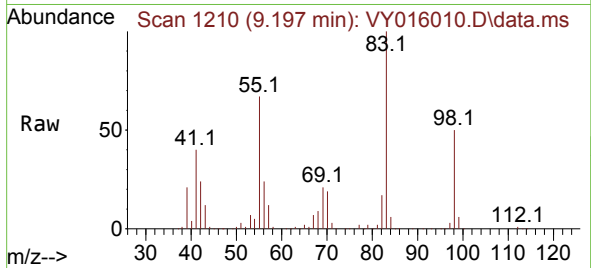




#45
1,2-Dichloropropane
Concen: 1.971 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.025 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

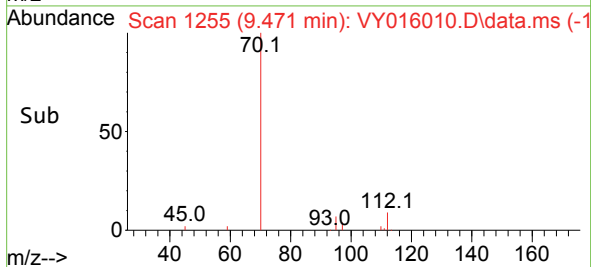
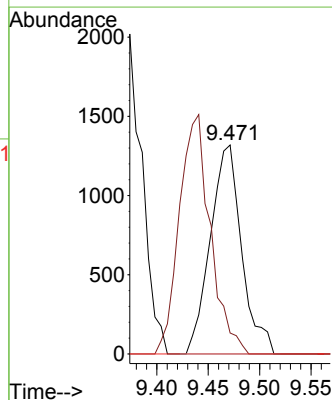
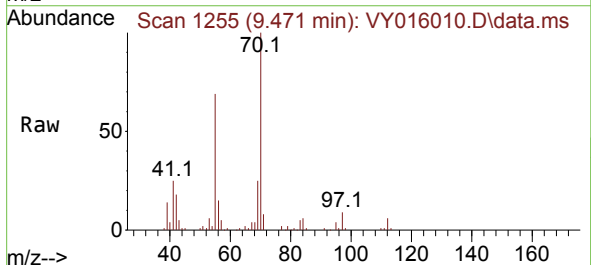
Instrument :
MSVOA_Y
ClientSampleId :

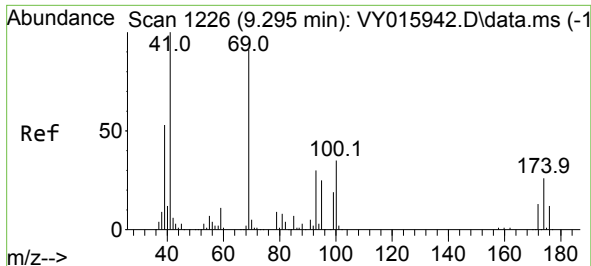
Tgt Ion: 63 Resp: 3038
Ion Ratio Lower Upper
63 100
65 176.5 23.8 35.6#



#47
Bromodichloromethane
Concen: 1.277 ug/l
RT: 9.471 min Scan# 1255
Delta R.T. -0.031 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion: 83 Resp: 2795
Ion Ratio Lower Upper
83 100
85 10.0 50.1 75.1#
127 0.0 7.1 10.7#

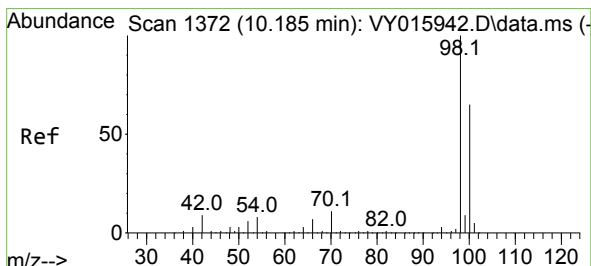
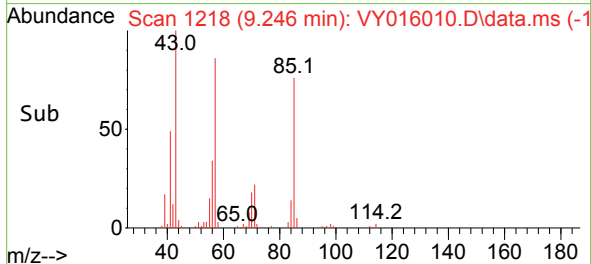
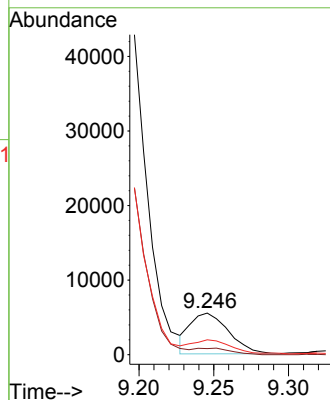
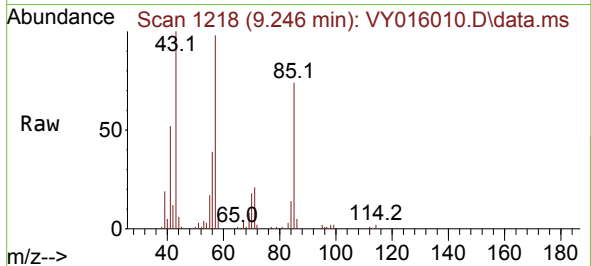




#48
Methyl methacrylate
Concen: 6.382 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.049 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

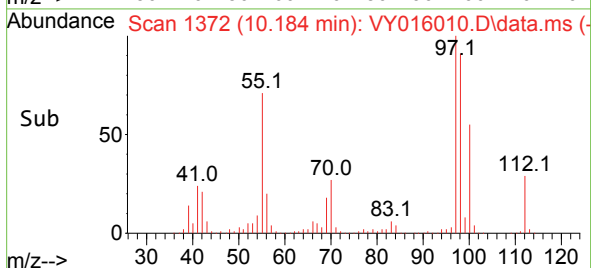
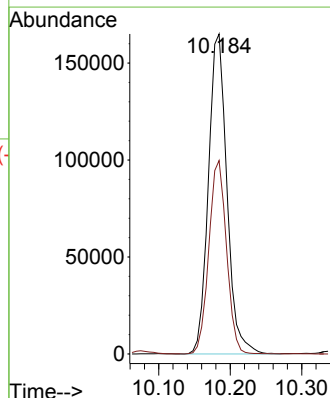
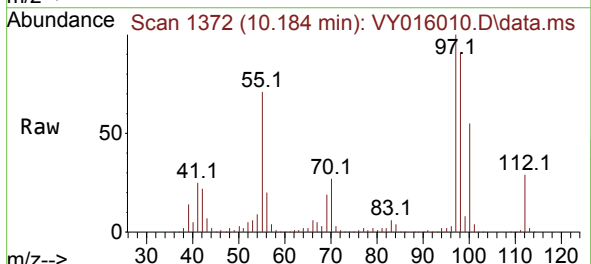
Instrument :
MSVOA_Y
ClientSampleId :

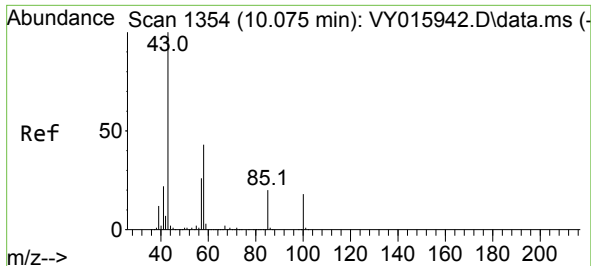
Tgt Ion: 41 Resp: 9757
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 37.6 50.8 76.2#



#50
Toluene-d8
Concen: 57.243 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion: 98 Resp: 296672
Ion Ratio Lower Upper
98 100
100 57.7 50.1 75.1

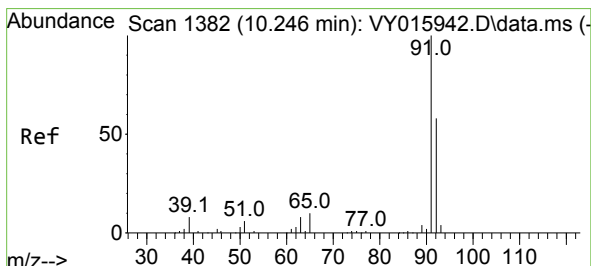
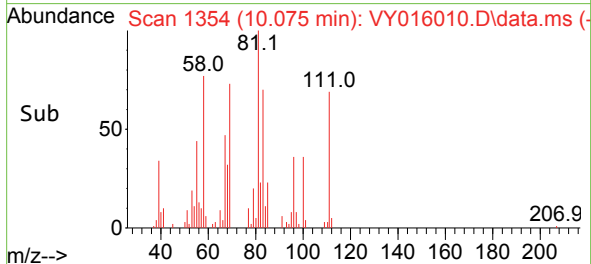
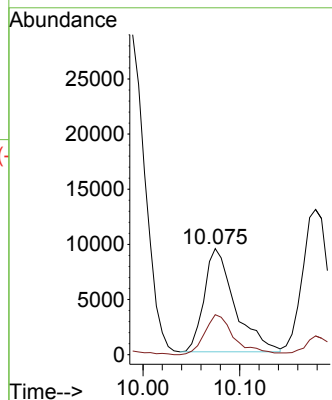
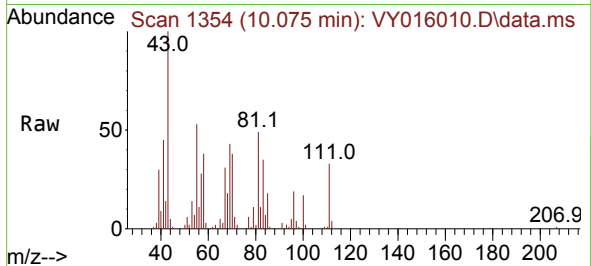




#51
4-Methyl-2-Pentanone
Concen: 8.126 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

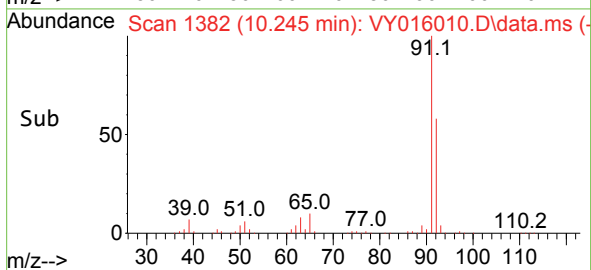
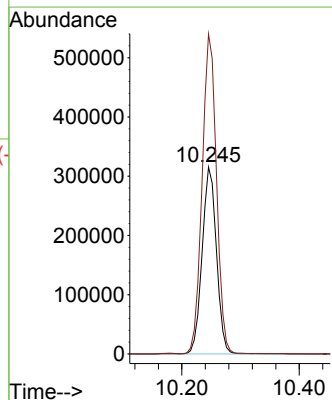
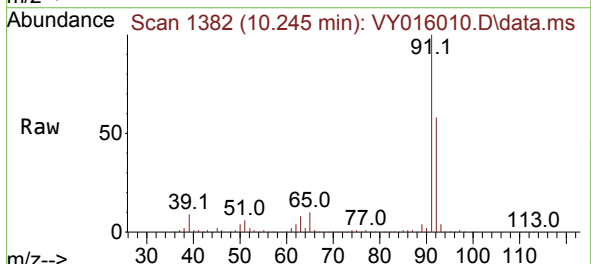
Instrument :
MSVOA_Y
ClientSampleId :

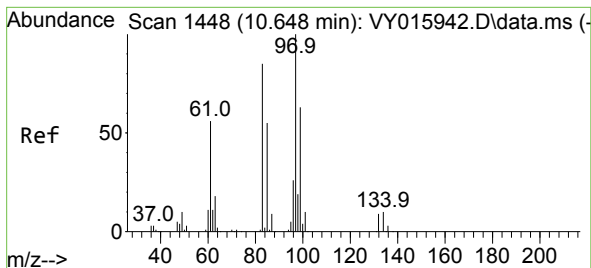
Tgt Ion: 43 Resp: 20729
Ion Ratio Lower Upper
43 100
58 37.6 29.0 43.6



#52
Toluene
Concen: 138.016 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

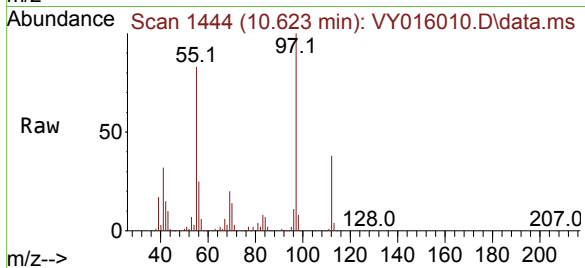
Tgt Ion: 92 Resp: 533134
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6



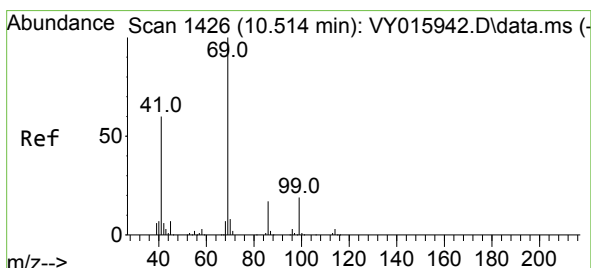
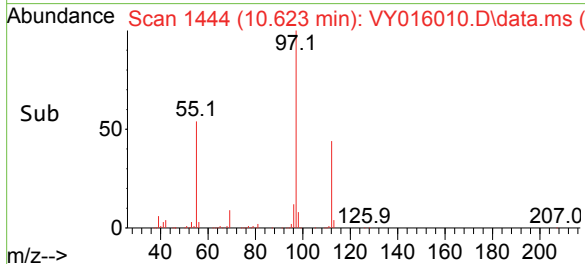
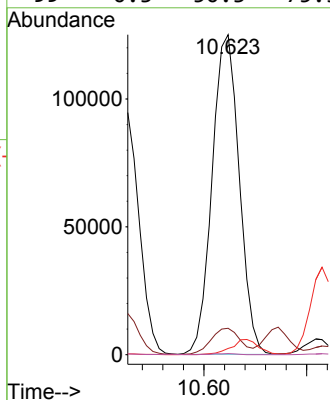


#55
1,1,2-Trichloroethane
Concen: 148.471 ug/l
RT: 10.623 min Scan# 1444
Delta R.T. -0.025 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Instrument :
MSVOA_Y
ClientSampleId :

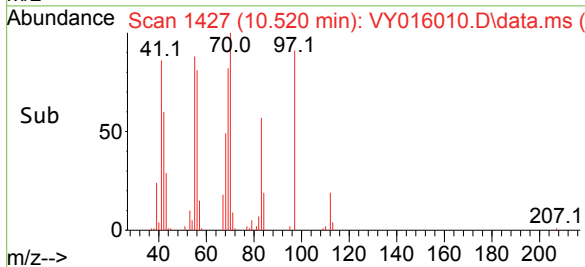
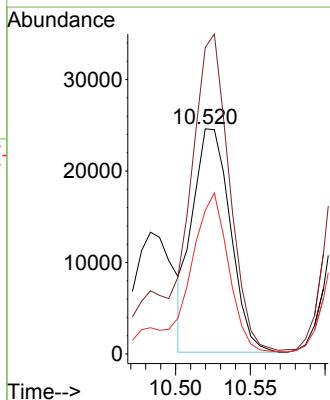
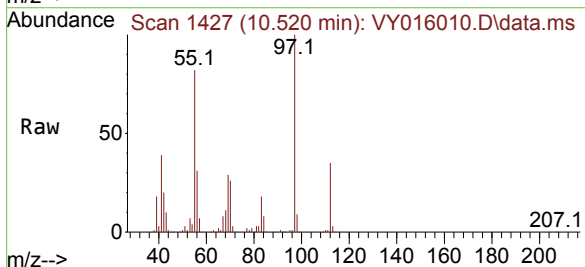


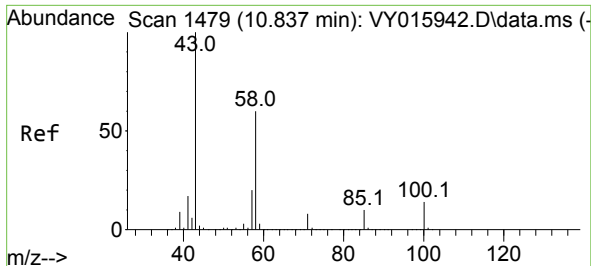
Tgt Ion: 97 Resp: 229070
Ion Ratio Lower Upper
97 100
83 8.2 72.0 108.0#
85 2.0 45.4 68.0#
99 0.3 50.3 75.5#



#56
Ethyl methacrylate
Concen: 17.794 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion: 69 Resp: 42977
Ion Ratio Lower Upper
69 100
41 175.4 57.6 86.4#
39 82.0 34.1 51.1#

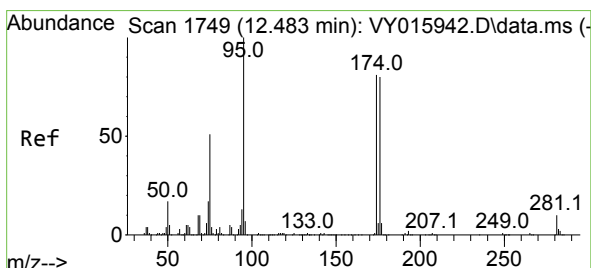
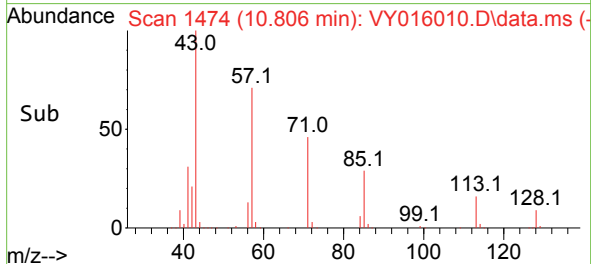
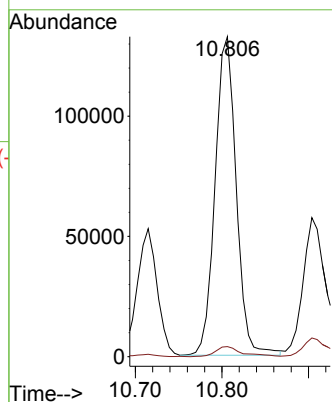
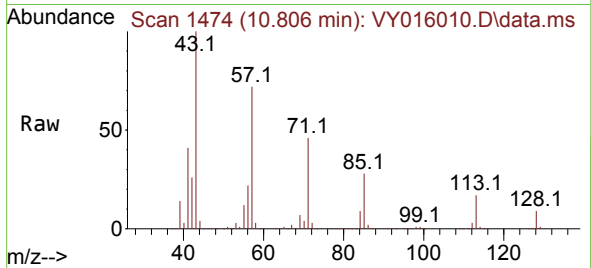




#59
2-Hexanone
Concen: 103.188 ug/l
RT: 10.806 min Scan# 1474
Delta R.T. -0.031 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

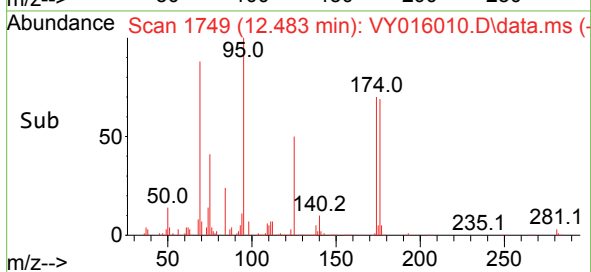
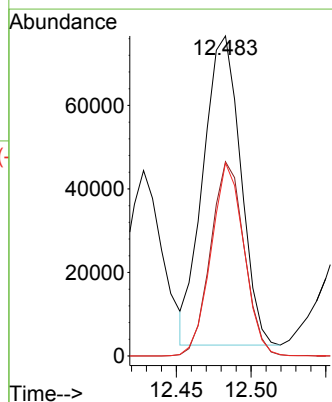
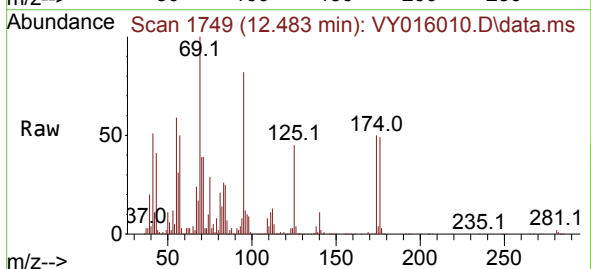
Instrument :
MSVOA_Y
ClientSampleId :

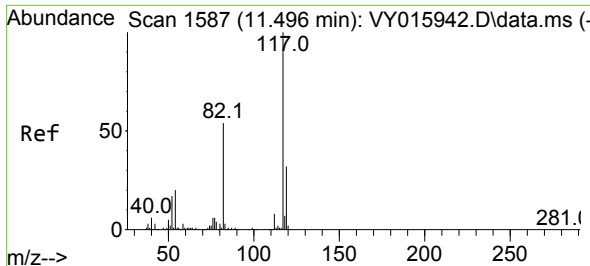
Tgt Ion: 43 Resp: 224688
Ion Ratio Lower Upper
43 100
58 4.0 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 69.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion: 95 Resp: 128868
Ion Ratio Lower Upper
95 100
174 56.5 0.0 178.2
176 54.9 0.0 173.8

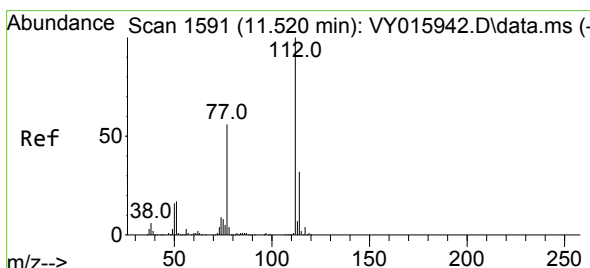
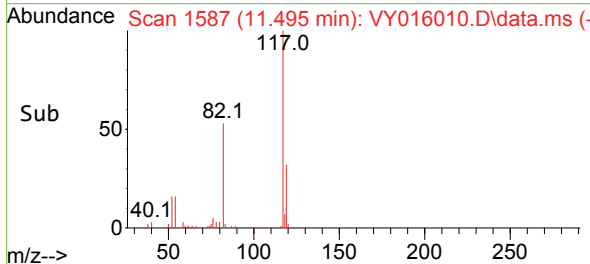
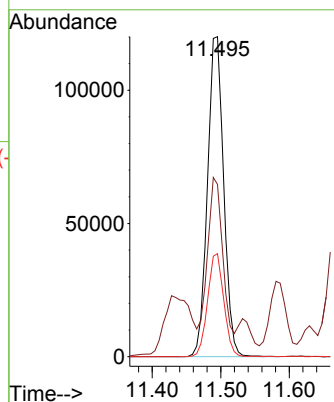
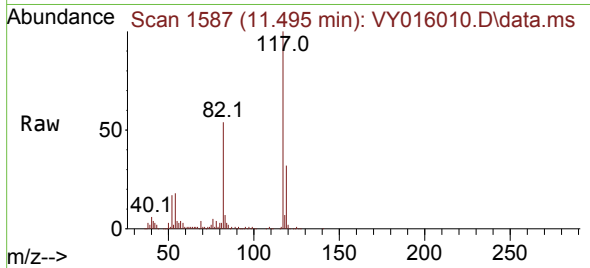




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

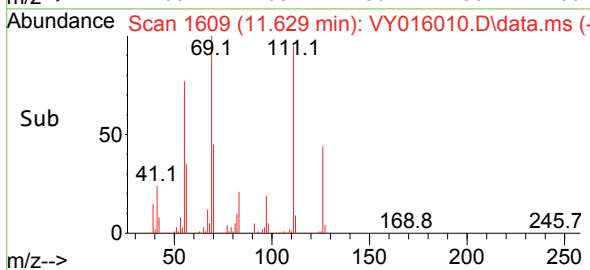
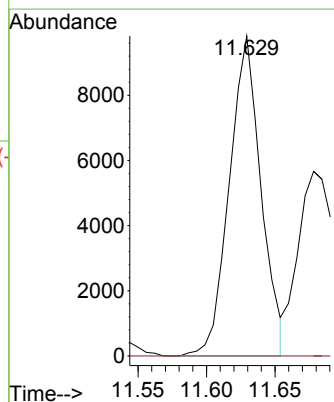
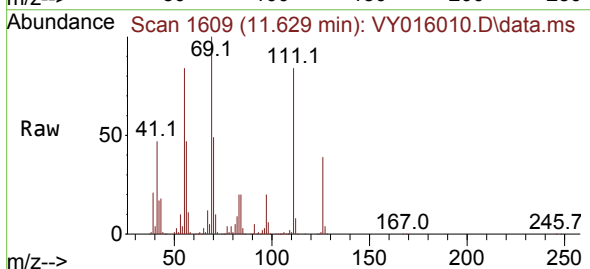
Instrument :
MSVOA_Y
ClientSampleId :

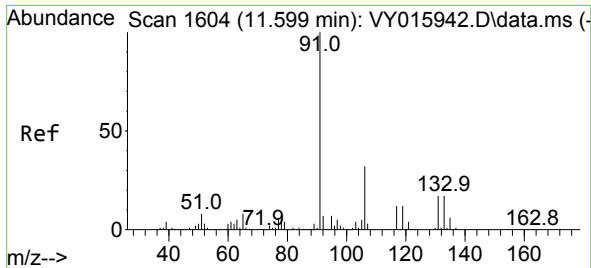
Tgt Ion:117 Resp: 197608
Ion Ratio Lower Upper
117 100
82 36.1 43.4 65.0#
119 32.2 26.3 39.5



#65
Chlorobenzene
Concen: 3.817 ug/l
RT: 11.629 min Scan# 1609
Delta R.T. 0.109 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion:112 Resp: 15804
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#

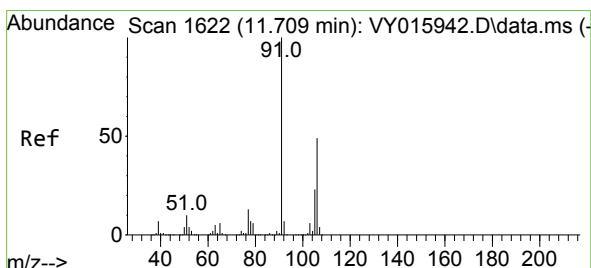
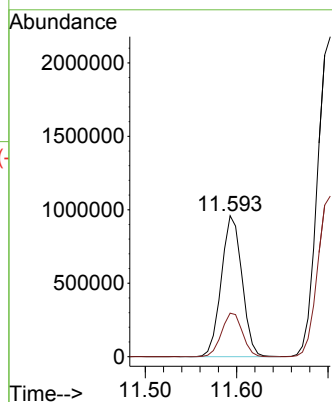
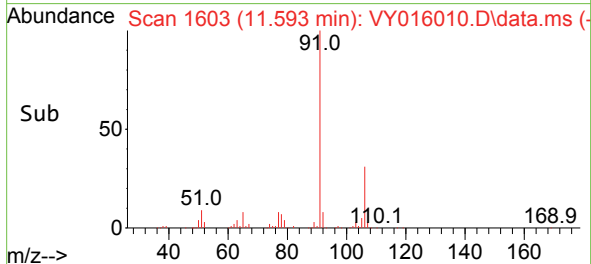
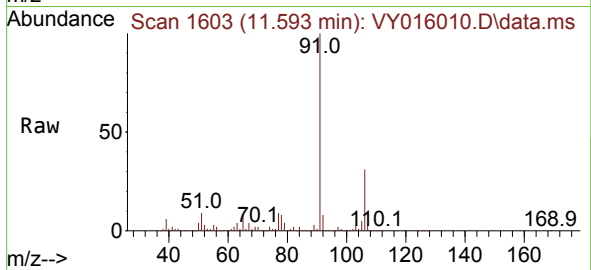




#67
Ethyl Benzene
Concen: 208.376 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

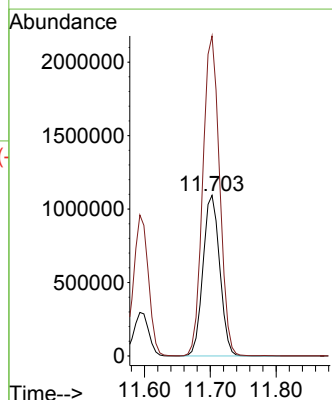
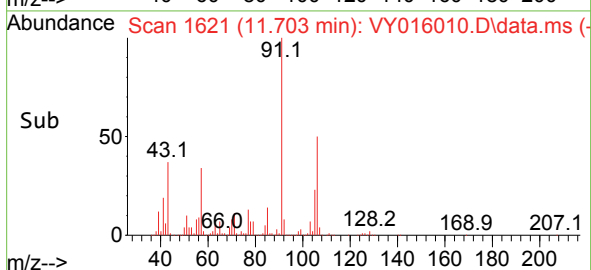
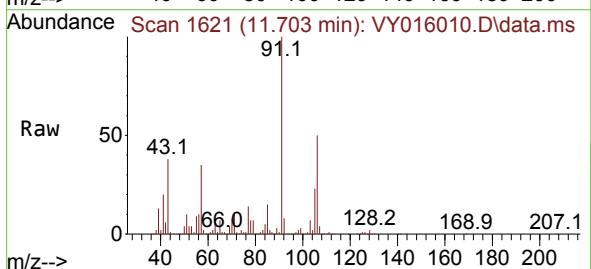
Instrument :
MSVOA_Y
ClientSampleId :

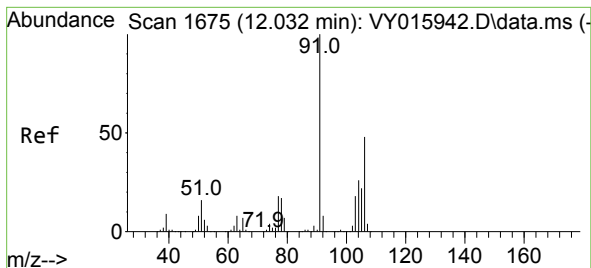
Tgt Ion: 91 Resp: 1508576
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 690.930 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion:106 Resp: 1930416
Ion Ratio Lower Upper
106 100
91 199.9 166.1 249.1

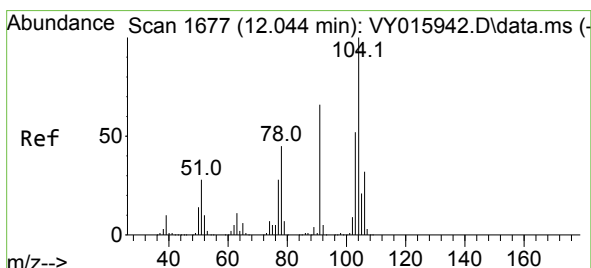
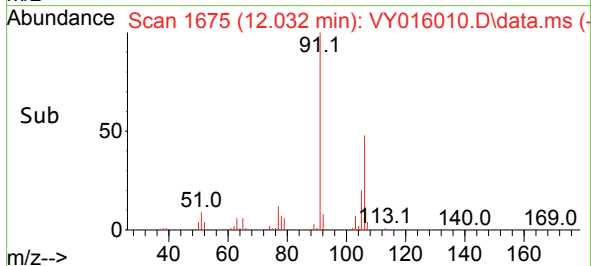
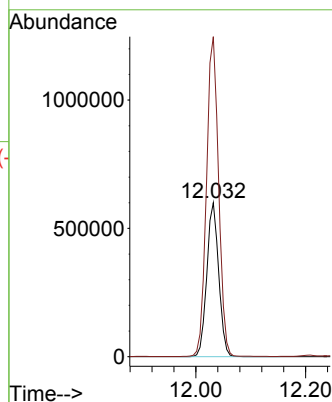
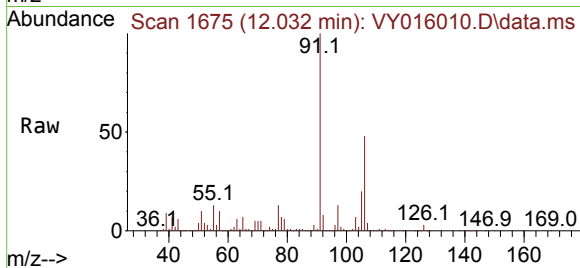




#69
o-Xylene
Concen: 335.854 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

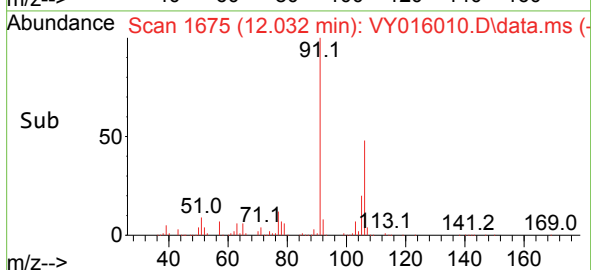
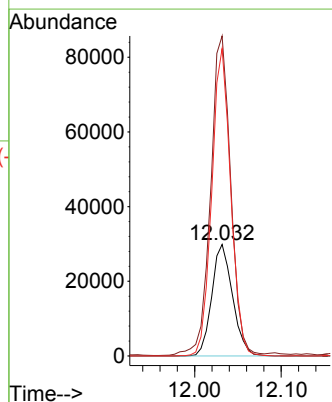
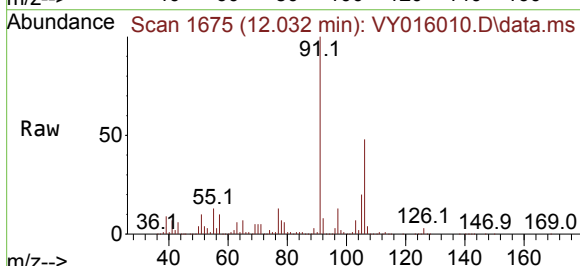
Instrument :
MSVOA_Y
ClientSampleId :

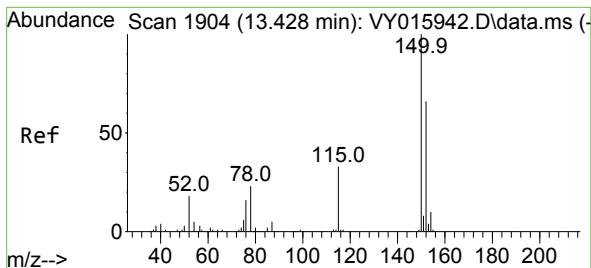
Tgt Ion:106 Resp: 897122
Ion Ratio Lower Upper
106 100
91 212.6 108.1 324.3



#70
Styrene
Concen: 10.955 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.013 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion:104 Resp: 49799
Ion Ratio Lower Upper
104 100
78 277.4 41.5 62.3#
103 252.0 44.6 67.0#

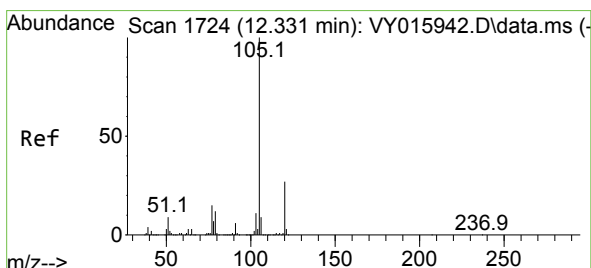
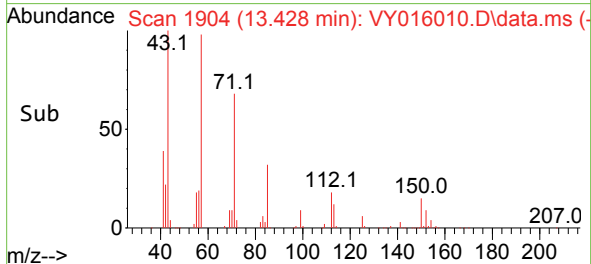
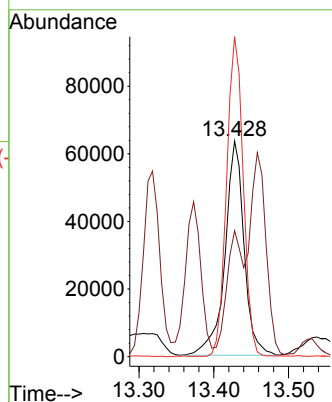
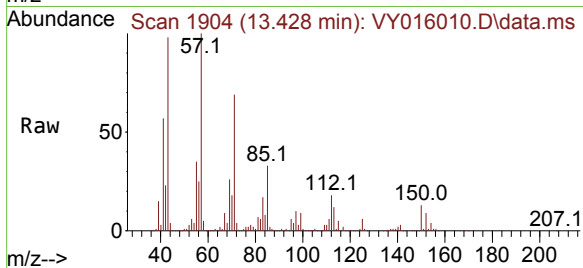




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

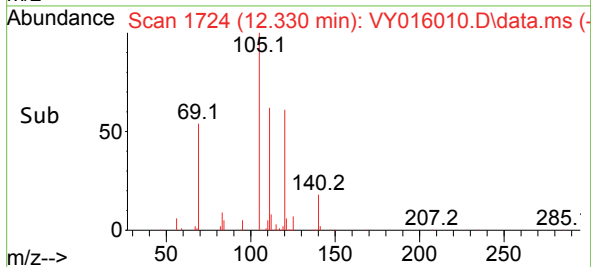
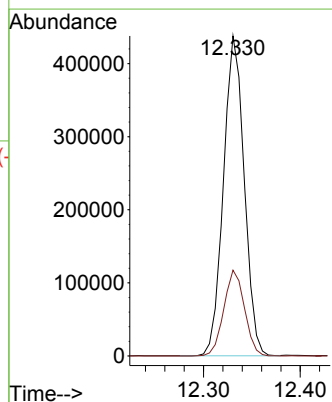
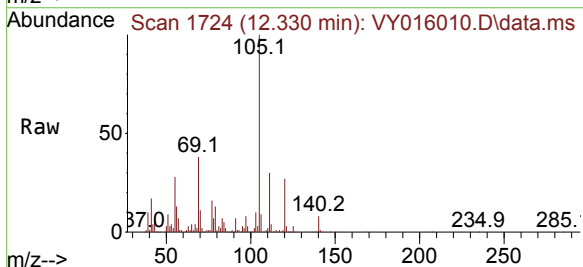
Instrument :
MSVOA_Y
ClientSampleId :

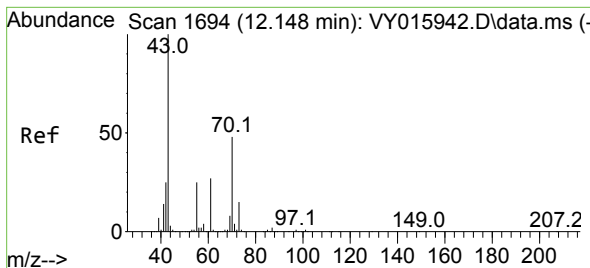
Tgt Ion:152 Resp: 112383
Ion Ratio Lower Upper
152 100
115 48.8 28.8 86.5
150 130.0 0.0 348.8



#73
Isopropylbenzene
Concen: 81.845 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion:105 Resp: 651138
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9





#74

N-amy1 acetate

Concen: 172.000 ug/l

RT: 12.123 min Scan# 1

Delta R.T. -0.025 min

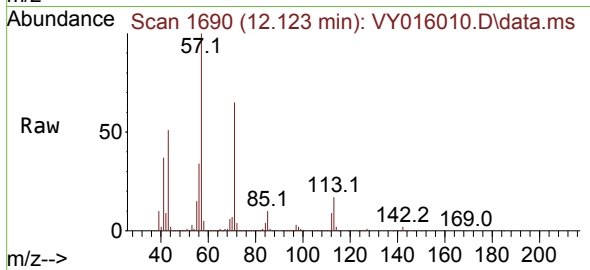
Lab File: VY016010.D

Acq: 17 Oct 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 552818

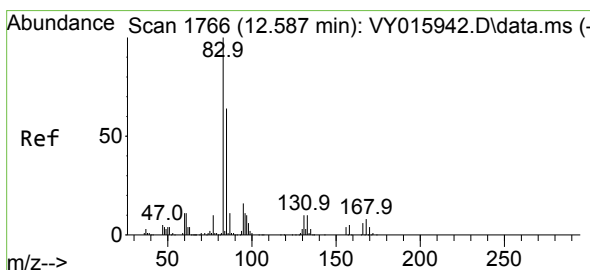
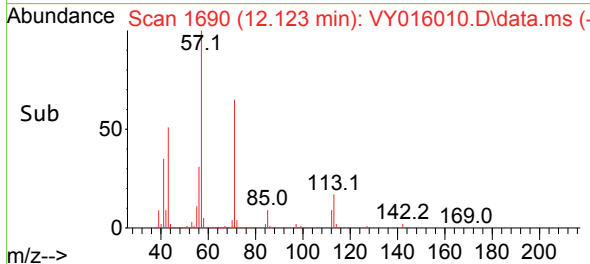
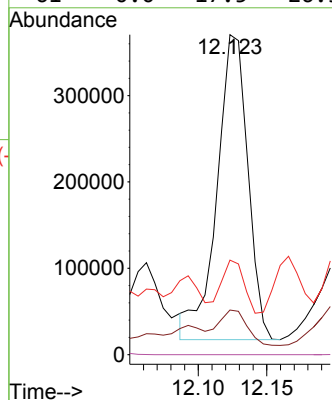
Ion Ratio Lower Upper

43 100

70 10.8 29.7 44.5#

55 12.8 18.3 27.5#

61 0.0 17.5 26.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 32.616 ug/l

RT: 12.532 min Scan# 1757

Delta R.T. -0.055 min

Lab File: VY016010.D

Acq: 17 Oct 2023 17:32

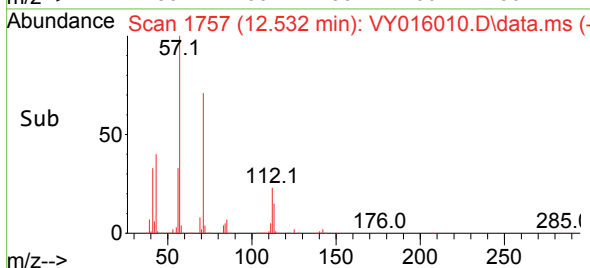
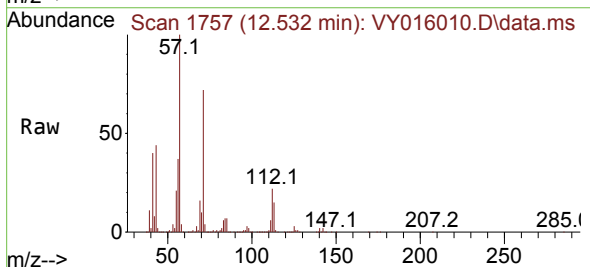
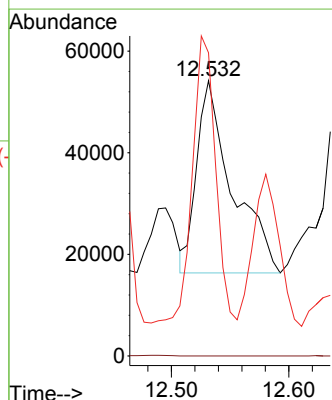
Tgt Ion: 83 Resp: 79702

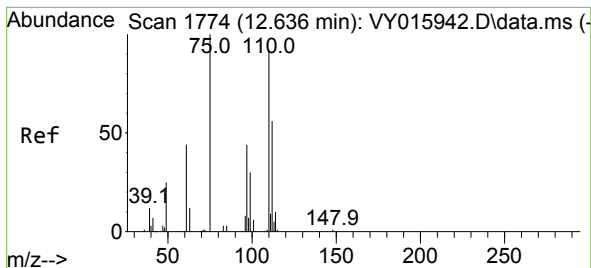
Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 98.1 31.8 95.4#





#76

1,2,3-Trichloropropane

Concen: 4.964 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.036 min

Lab File: VY016010.D

Acq: 17 Oct 2023 17:32

Instrument :

MSVOA_Y

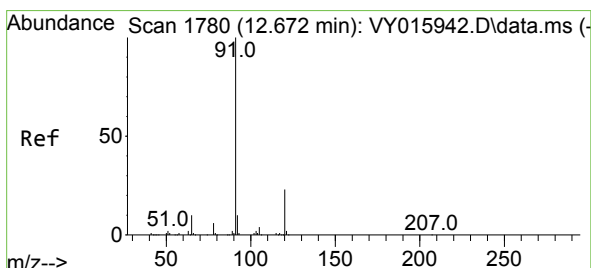
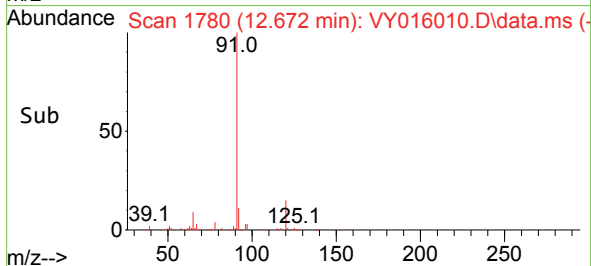
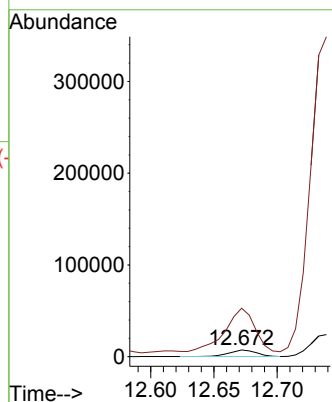
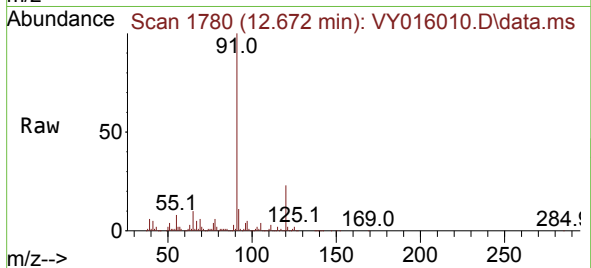
ClientSampleId :

Tgt Ion: 75 Resp: 10918

Ion Ratio Lower Upper

75 100

77 697.9 0.0 0.0#



#78

n-propylbenzene

Concen: 185.770 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016010.D

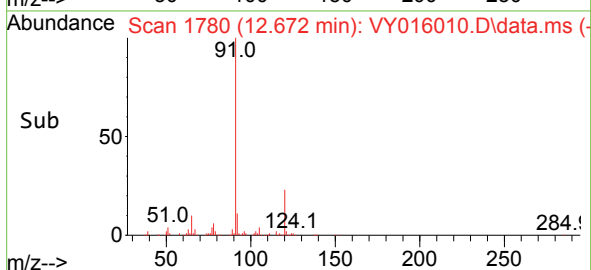
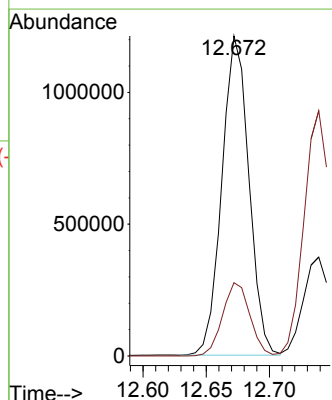
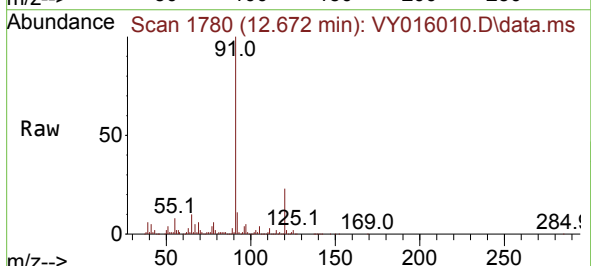
Acq: 17 Oct 2023 17:32

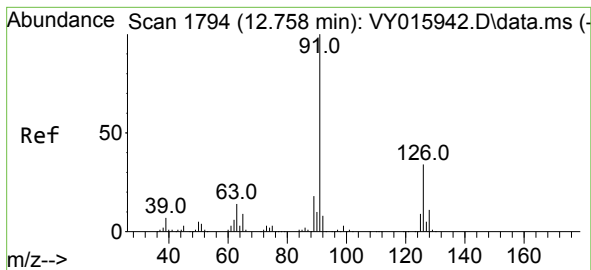
Tgt Ion: 91 Resp: 1797233

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

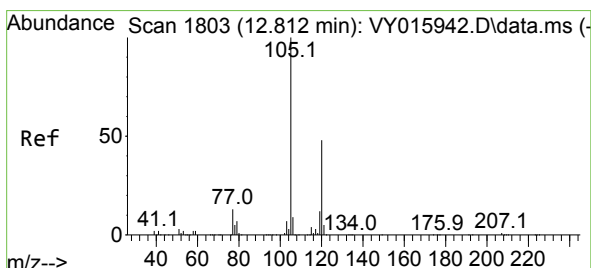
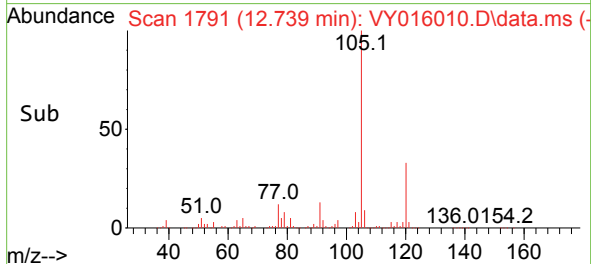
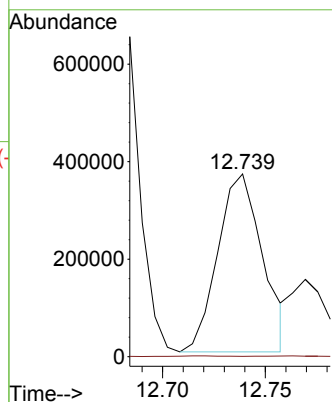
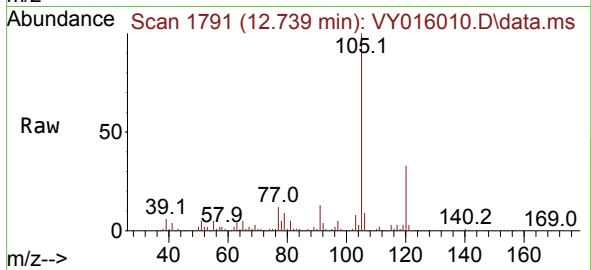




#79
2-Chlorotoluene
Concen: 101.216 ug/l
RT: 12.739 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

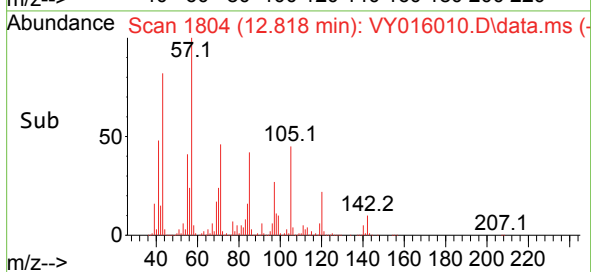
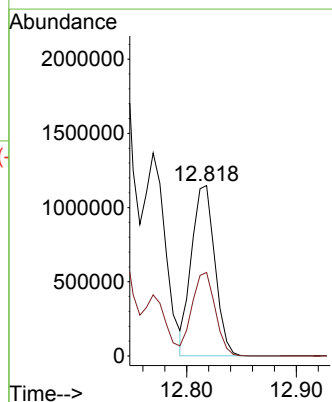
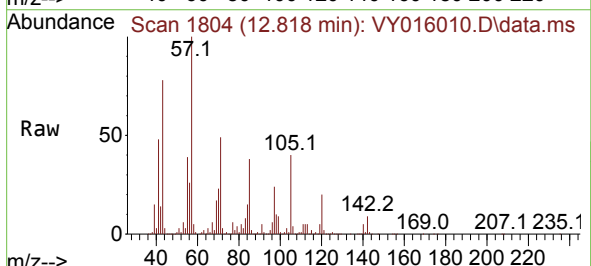
Instrument :
MSVOA_Y
ClientSampleId :

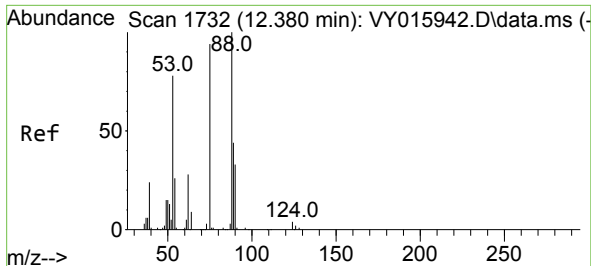
Tgt Ion: 91 Resp: 553848
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 256.891 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion:105 Resp: 1697941
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

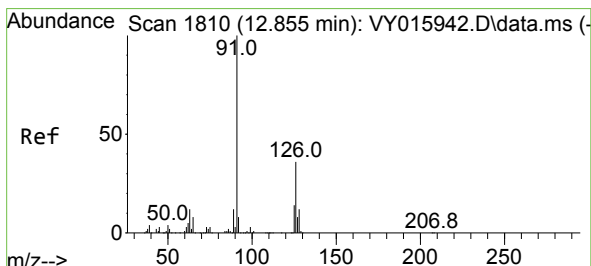
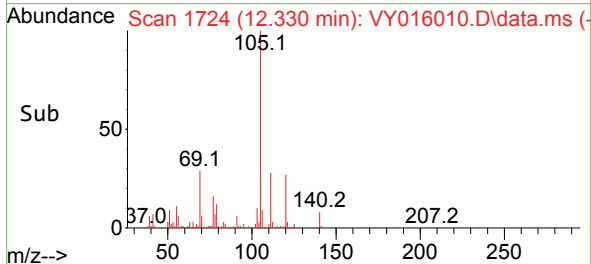
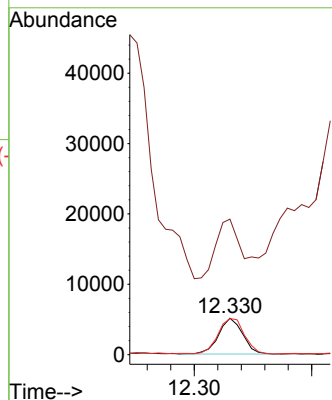
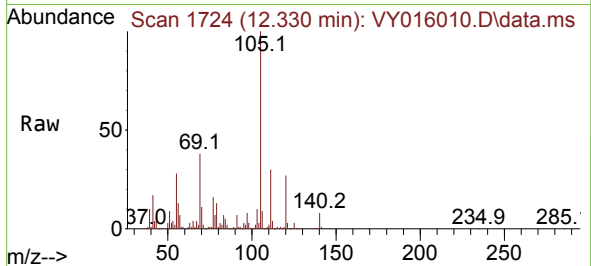




#81
trans-1,4-Dichloro-2-butene
Concen: 7.702 ug/l
RT: 12.330 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

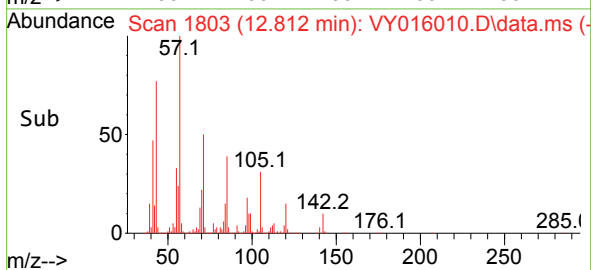
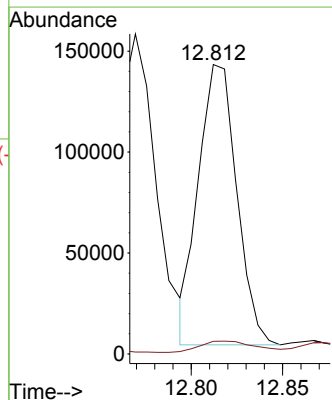
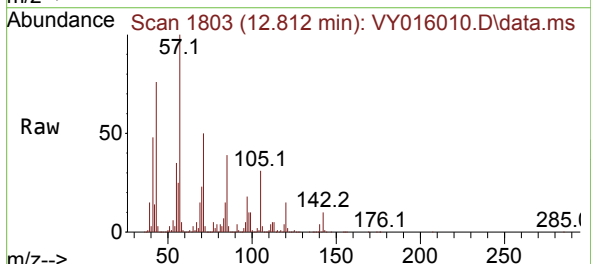
Instrument :
MSVOA_Y
ClientSampleId :

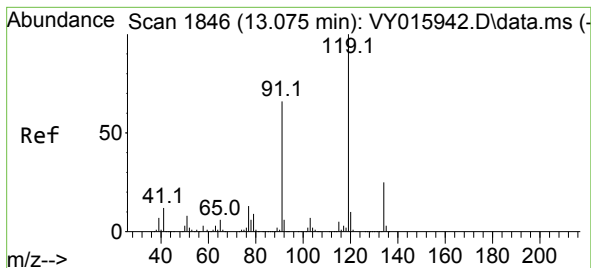
Tgt Ion: 75 Resp: 7191
Ion Ratio Lower Upper
75 100
53 183.7 77.8 116.8#
89 109.3 37.4 56.0#



#82
4-Chlorotoluene
Concen: 35.997 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY016010.D
Acq: 17 Oct 2023 17:32

Tgt Ion: 91 Resp: 202442
Ion Ratio Lower Upper
91 100
126 5.9 17.2 51.6#





#83

tert-Butylbenzene

Concen: 136.306 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.048 min

Lab File: VY016010.D

Acq: 17 Oct 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

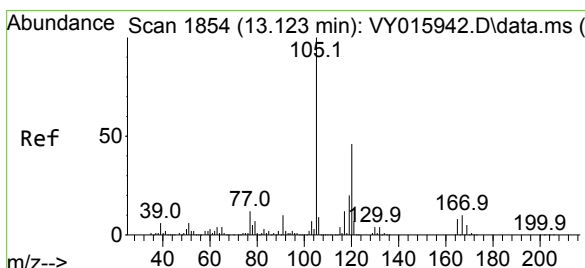
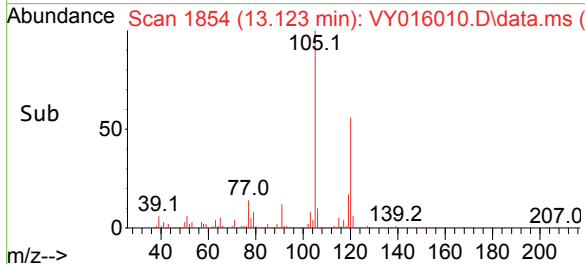
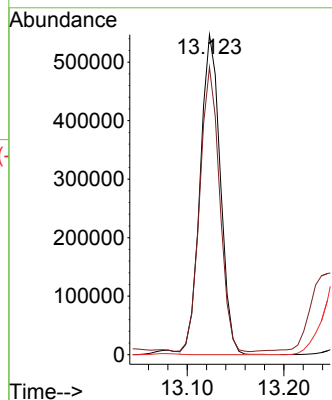
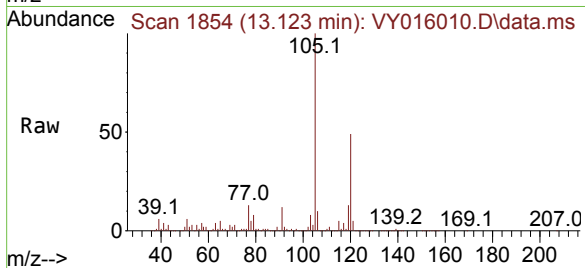
Tgt Ion:119 Resp: 791659

Ion Ratio Lower Upper

119 100

91 87.2 32.9 98.6

134 0.0 13.0 38.9#



#84

1,2,4-Trimethylbenzene

Concen: 940.017 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY016010.D

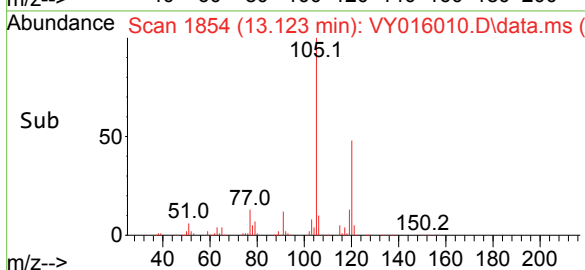
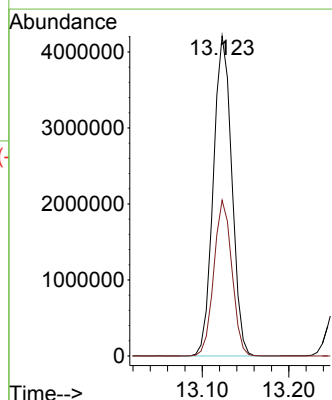
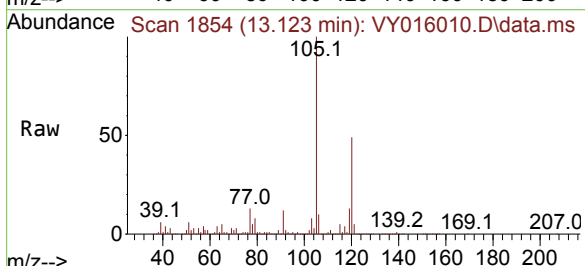
Acq: 17 Oct 2023 17:32

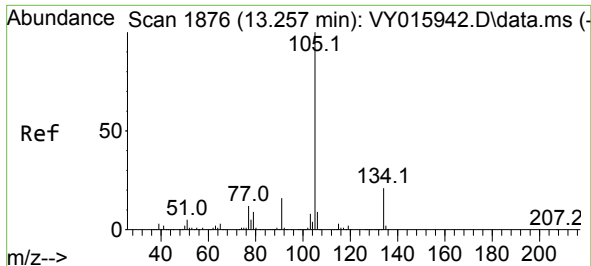
Tgt Ion:105 Resp: 6236749

Ion Ratio Lower Upper

105 100

120 47.6 22.2 66.6

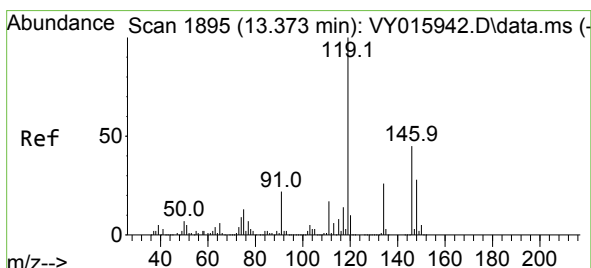
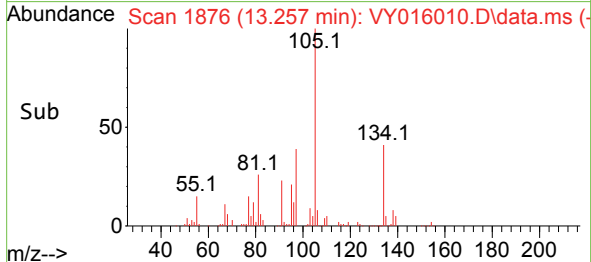
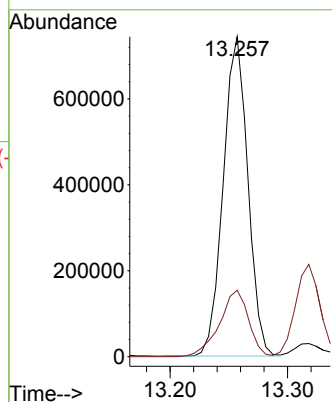
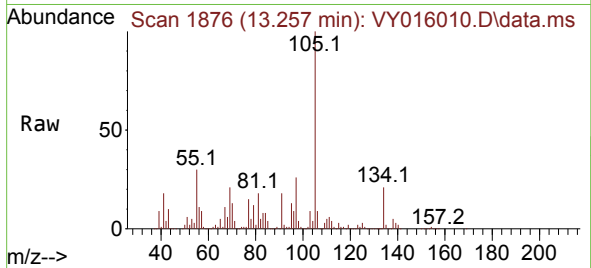




#85
 sec-Butylbenzene
 Concen: 125.570 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY016010.D
 Acq: 17 Oct 2023 17:32

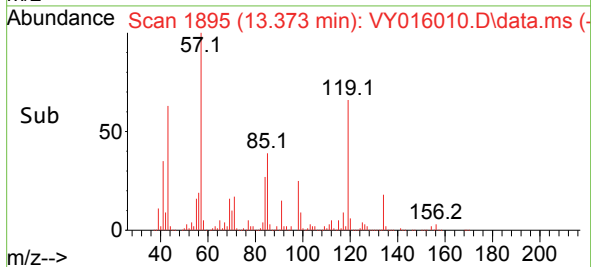
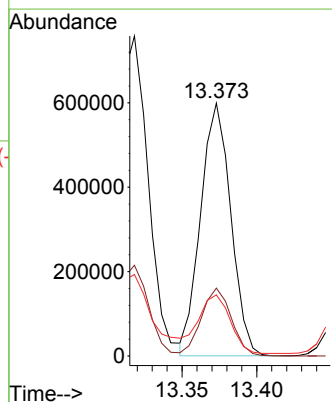
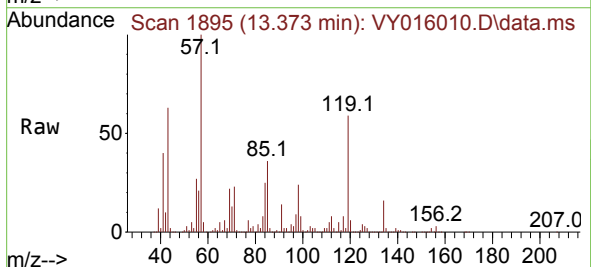
Instrument :
 MSVOA_Y
 ClientSampleId :

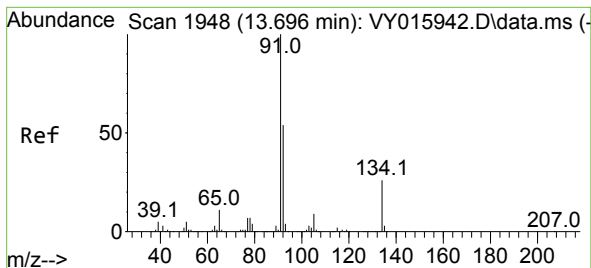
Tgt Ion:105 Resp: 1082369
 Ion Ratio Lower Upper
 105 100
 134 24.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 116.797 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY016010.D
 Acq: 17 Oct 2023 17:32

Tgt Ion:119 Resp: 841287
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 24.5 12.4 37.4





#89

n-Butylbenzene

Concen: 140.280 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016010.D

Acq: 17 Oct 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

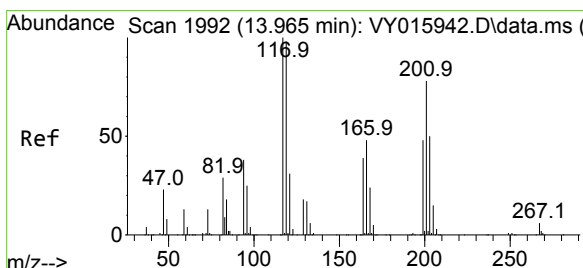
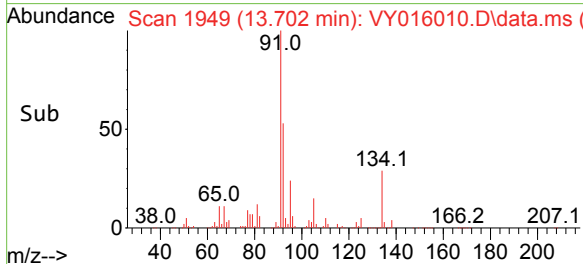
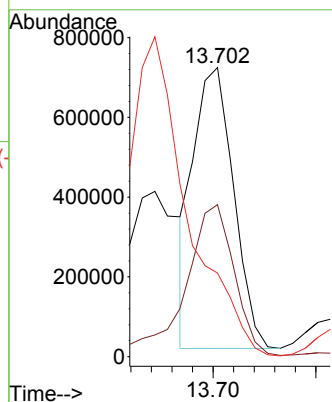
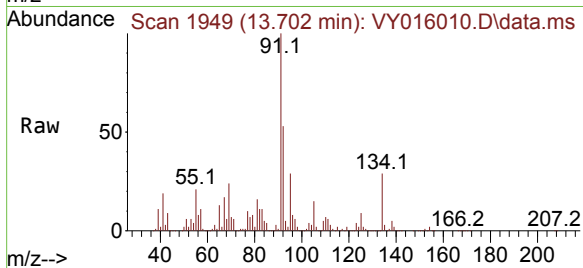
Tgt Ion: 91 Resp: 950169

Ion Ratio Lower Upper

91 100

92 65.4 25.4 76.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 215.761 ug/l

RT: 13.976 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY016010.D

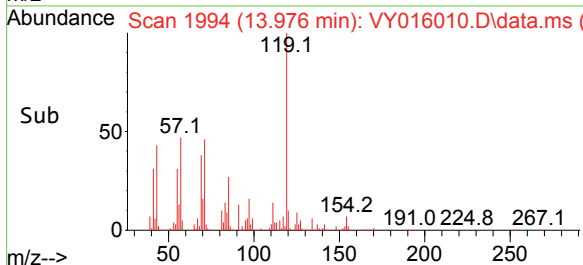
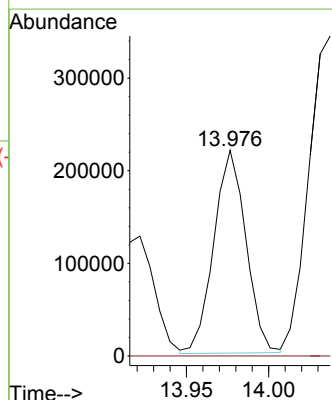
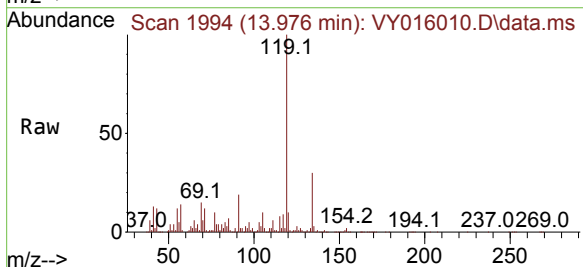
Acq: 17 Oct 2023 17:32

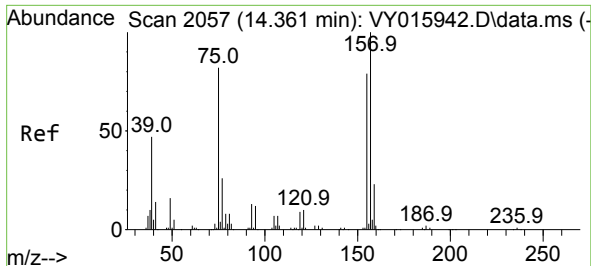
Tgt Ion: 117 Resp: 297866

Ion Ratio Lower Upper

117 100

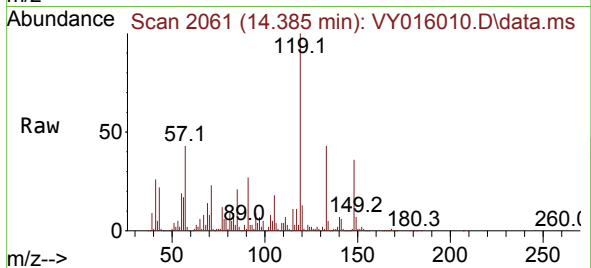
201 0.0 41.6 124.8#



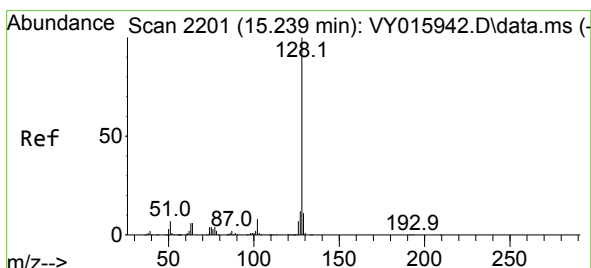
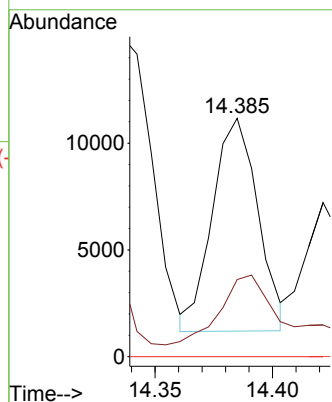
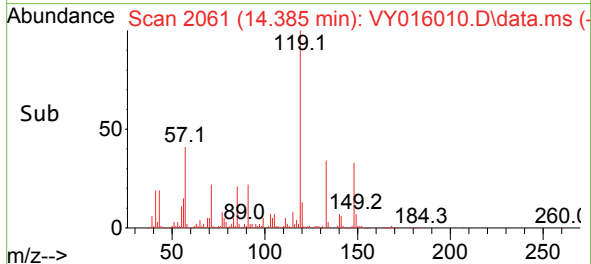


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.231 ug/l
 RT: 14.385 min Scan# 2057
 Delta R.T. 0.024 min
 Lab File: VY016010.D
 Acq: 17 Oct 2023 17:32

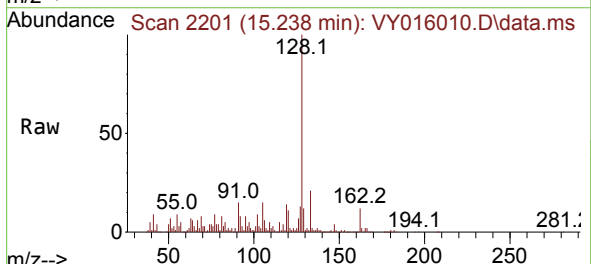
Instrument :
 MSVOA_Y
 ClientSampleId :



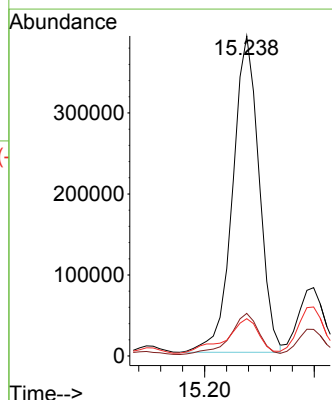
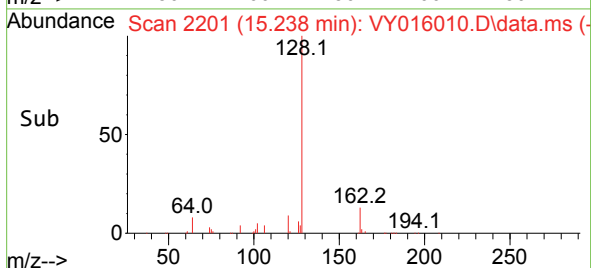
Tgt Ion: 75 Resp: 13443
 Ion Ratio Lower Upper
 75 100
 155 45.6 41.5 124.6
 157 0.0 51.8 155.5#

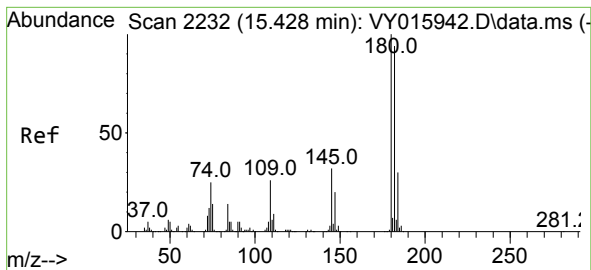


#95
 Naphthalene
 Concen: 84.932 ug/l
 RT: 15.238 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY016010.D
 Acq: 17 Oct 2023 17:32



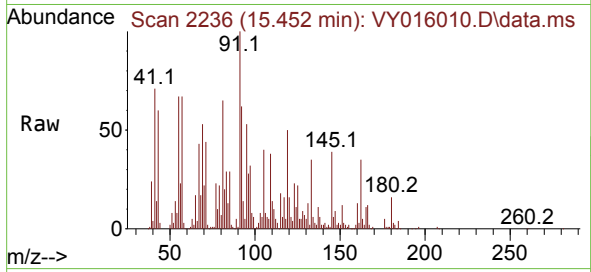
Tgt Ion: 128 Resp: 651711
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.8 16.2
 129 13.6 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.642 ug/l
 RT: 15.452 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY016010.D
 Acq: 17 Oct 2023 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 10527
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.8#
 145 1151.2 15.4 46.2#

