

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012207.D
 Acq On : 16 Jan 2023 18:18
 Operator : KP/MD
 Sample : 01160-01
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-04-SB02

Quant Time: Jan 17 04:50:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

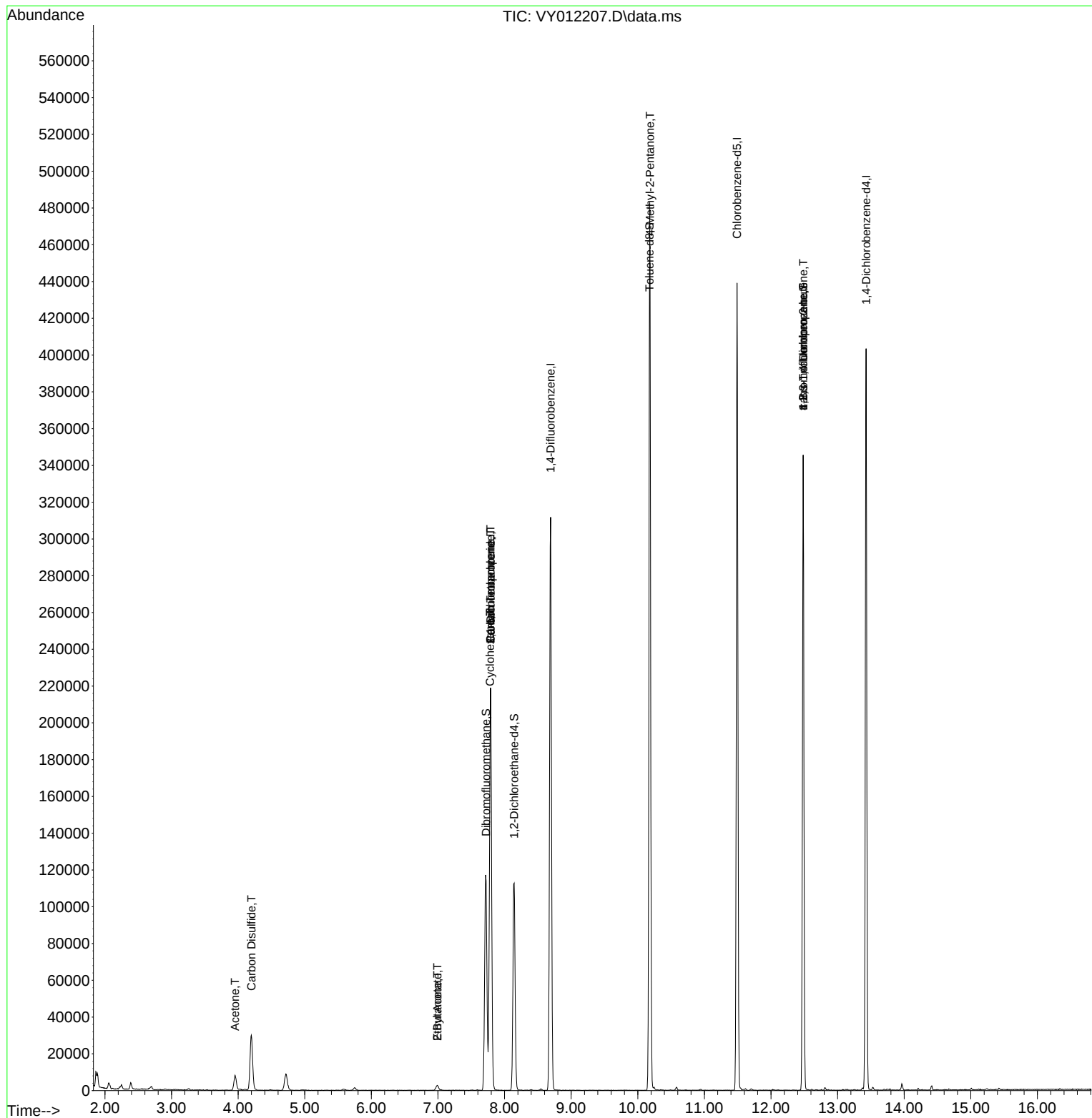
Internal Standards						
1) Pentafluorobenzene	7.789	168	171587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98156	70.637	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.280%			
35) Dibromofluoromethane	7.722	113	81557	55.578	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.160%			
50) Toluene-d8	10.179	98	321526	64.494	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 128.980%			
62) 4-Bromofluorobenzene	12.483	95	99123	47.917	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.840%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	241	Below Cal	#	74
16) Acetone	3.954	43	13937	29.170	ug/l	97
17) Carbon Disulfide	4.198	76	63405	13.007	ug/l	100
20) Methylene Chloride	4.716	84	7355	Below Cal	#	75
25) 2-Butanone	6.990	43	3711	7.035	ug/l	98
31) Cyclohexane	7.783	56	3075	1.229	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	11599	4.651	ug/l	# 51
37) Ethyl Acetate	6.990	43	3711	3.375	ug/l	# 68
38) Carbon Tetrachloride	7.789	117	17669	5.486	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.185	43	1099	1.008	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	52666	53.442	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	52666	110.114	ug/l	# 13

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

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB02

Quant Time: Jan 17 04:50:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
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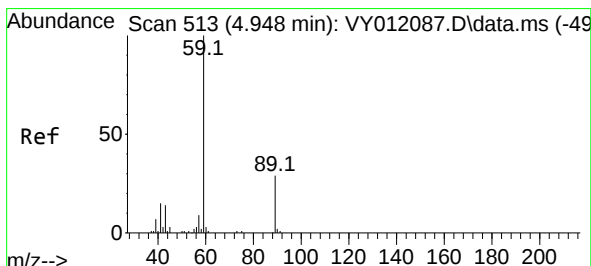
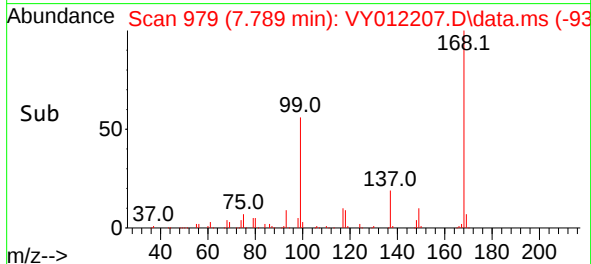
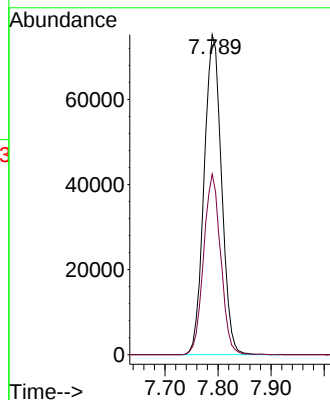
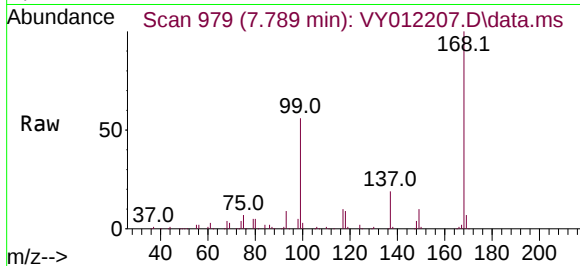




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

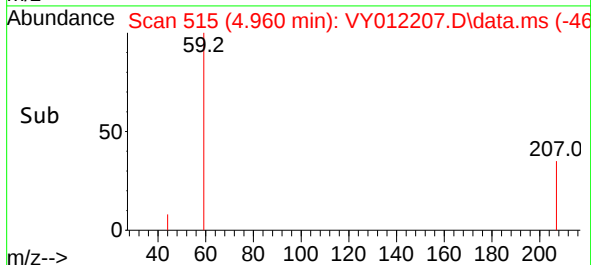
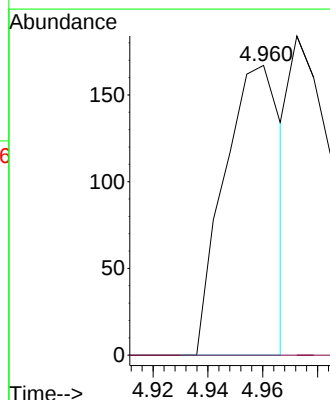
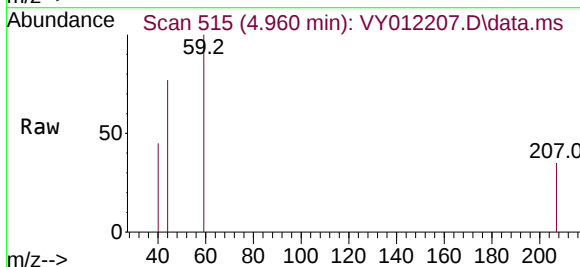
Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB02

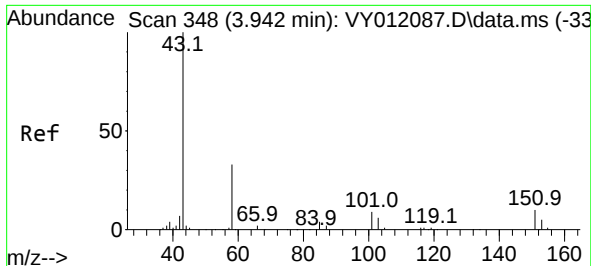
Tgt Ion:168 Resp: 171587
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

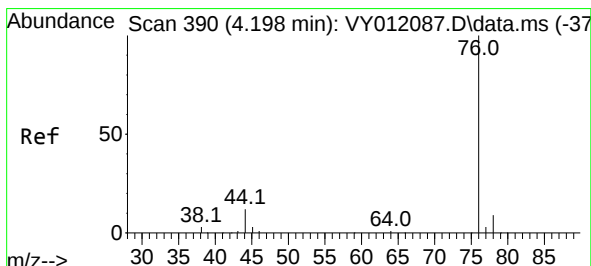
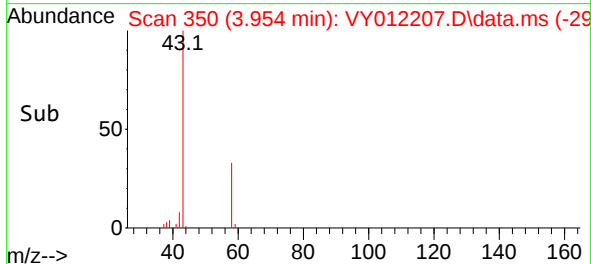
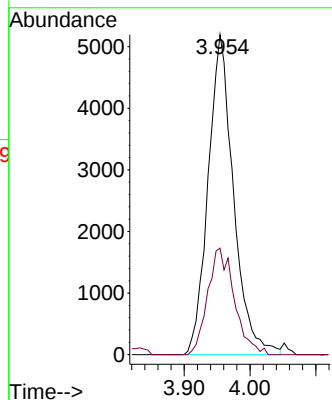
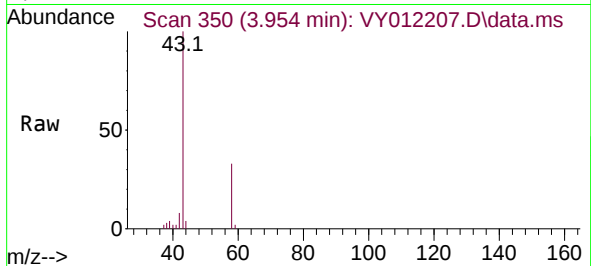




#16
Acetone
Concen: 29.170 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

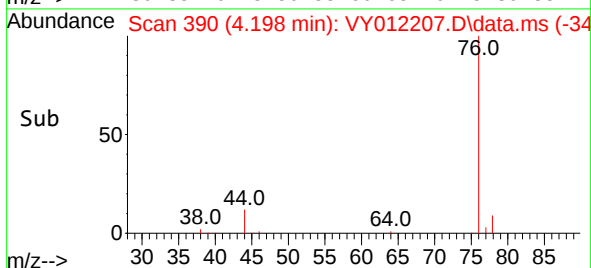
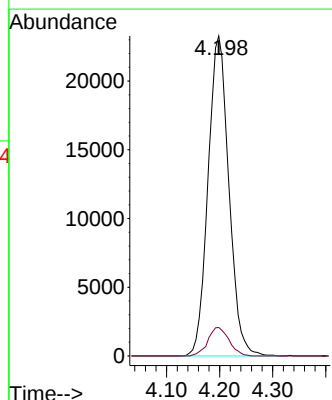
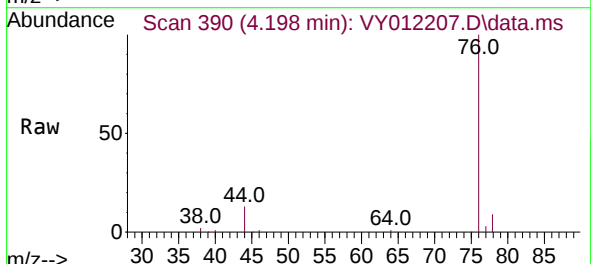
Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB02

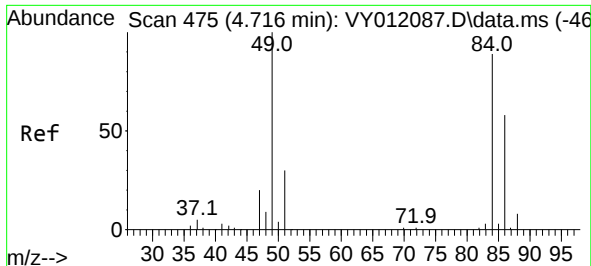
Tgt Ion: 43 Resp: 13937
Ion Ratio Lower Upper
43 100
58 33.3 27.9 41.9



#17
Carbon Disulfide
Concen: 13.007 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Tgt Ion: 76 Resp: 63405
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

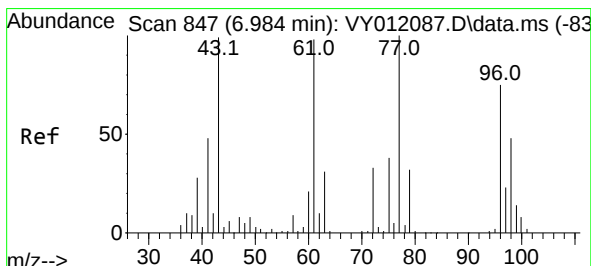
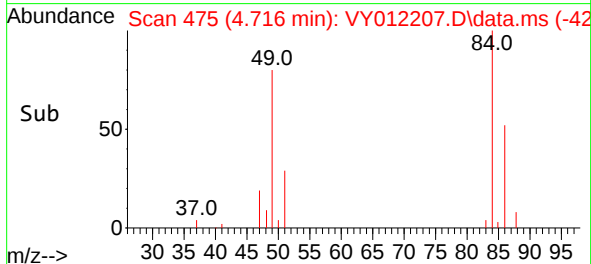
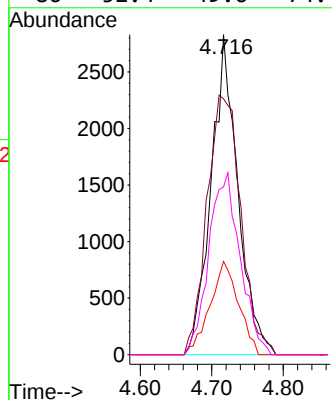
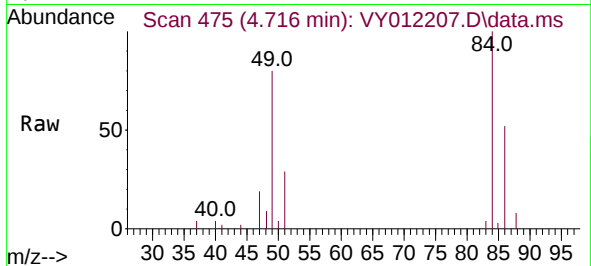




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

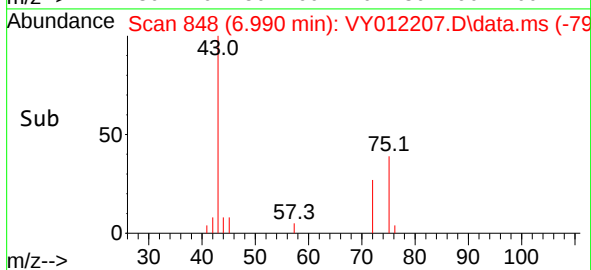
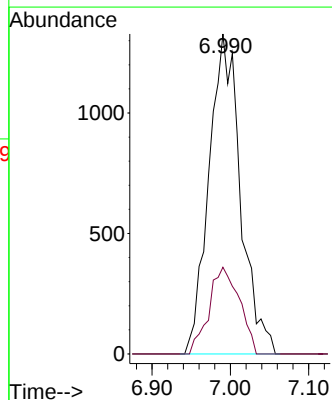
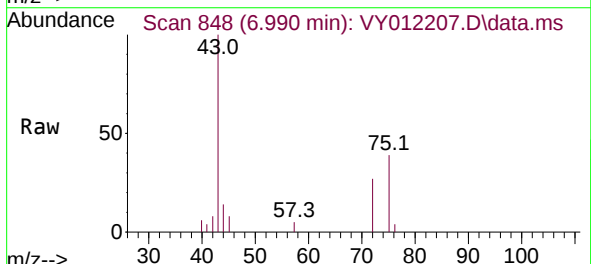
Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB02

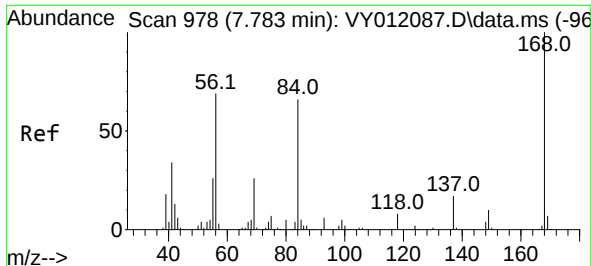
Tgt Ion:	84	Resp:	7355
Ion	Ratio	Lower	Upper
84	100		
49	80.0	95.4	143.2#
51	29.2	29.9	44.9#
86	52.4	49.6	74.4



#25
2-Butanone
Concen: 7.035 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Tgt Ion:	43	Resp:	3711
Ion	Ratio	Lower	Upper
43	100		
72	27.1	22.6	34.0

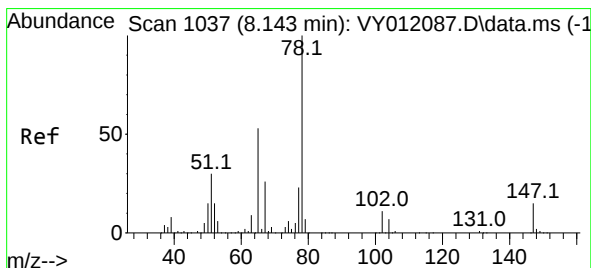
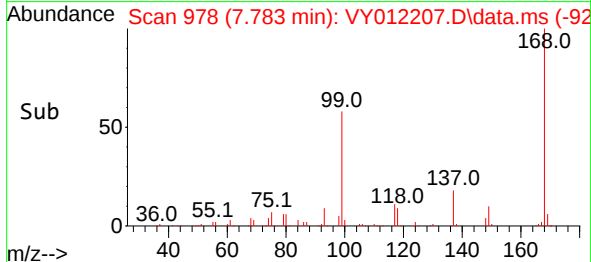
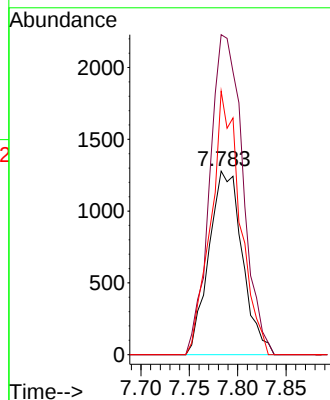
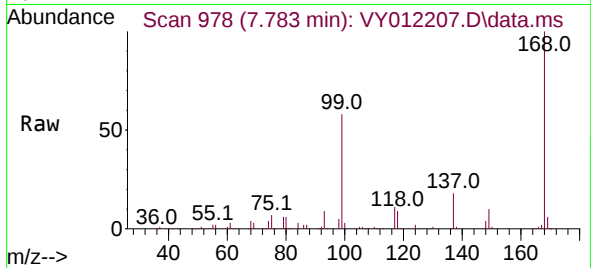




#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

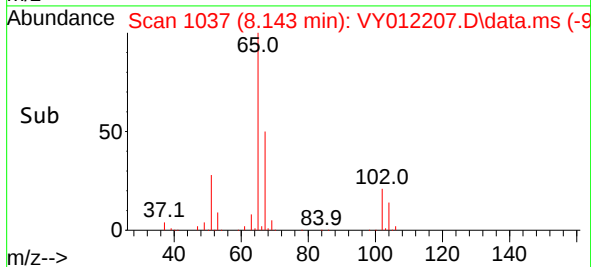
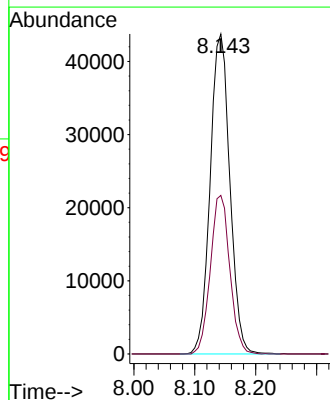
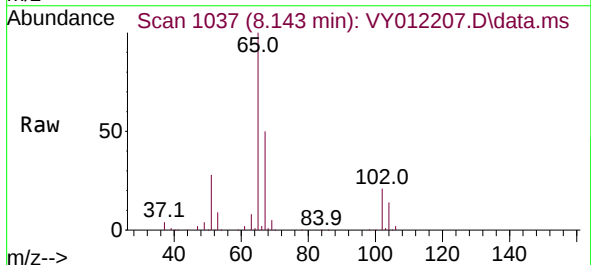
Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB02

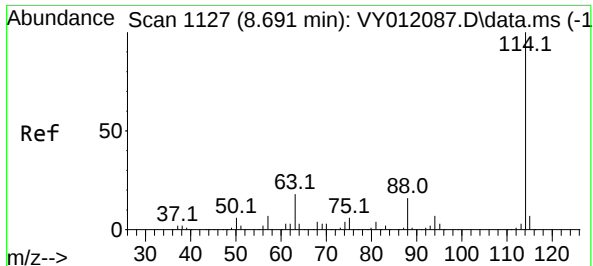
Tgt Ion: 56 Resp: 3075
Ion Ratio Lower Upper
56 100
69 174.4 29.2 43.8#
84 143.7 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 70.637 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Tgt Ion: 65 Resp: 98156
Ion Ratio Lower Upper
65 100
67 48.9 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012207.D

Acq: 16 Jan 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

B-04-SB02

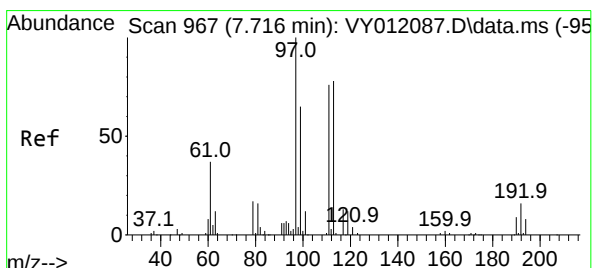
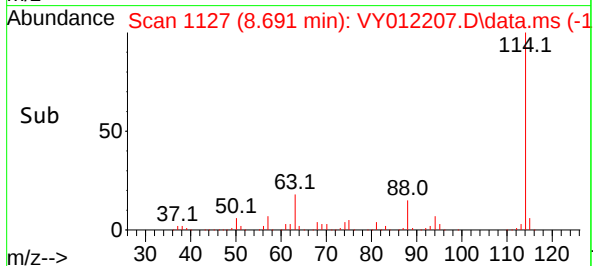
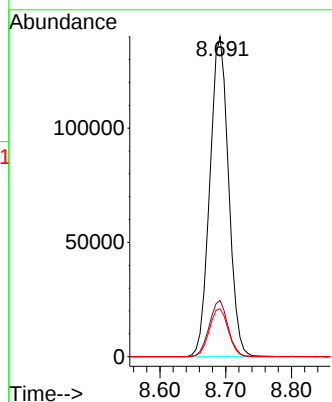
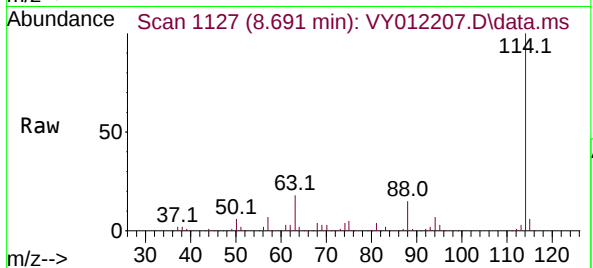
Tgt Ion:114 Resp: 277135

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.578 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012207.D

Acq: 16 Jan 2023 18:18

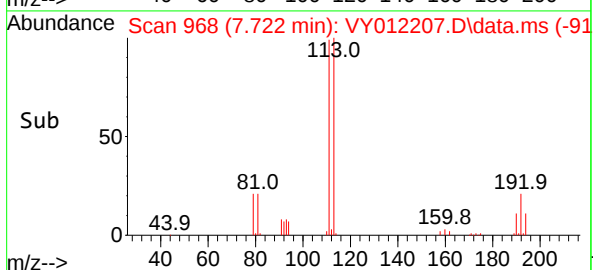
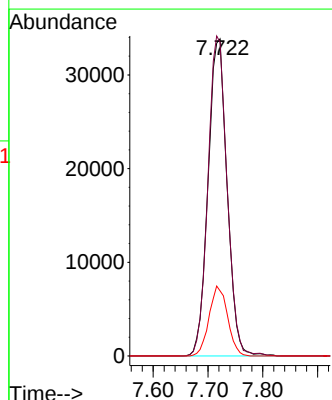
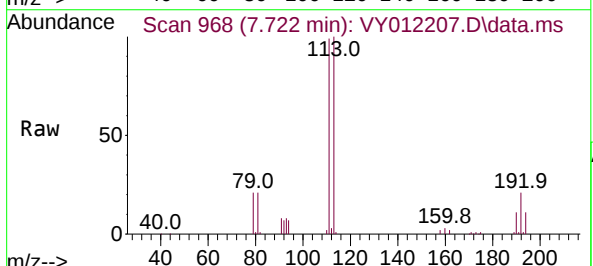
Tgt Ion:113 Resp: 81557

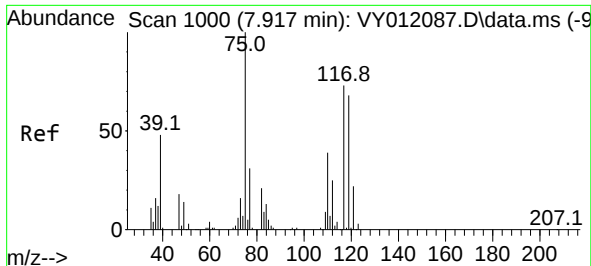
Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.4

192 21.4 16.0 24.0

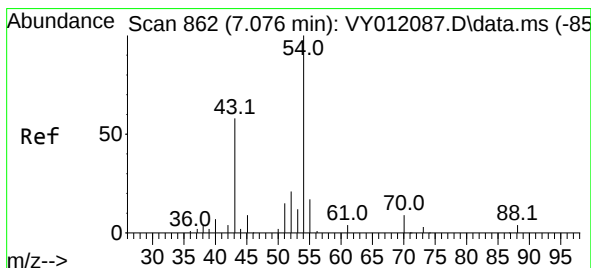
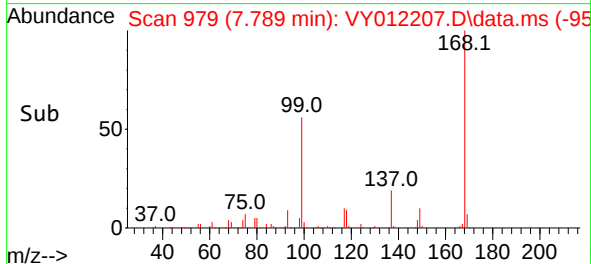
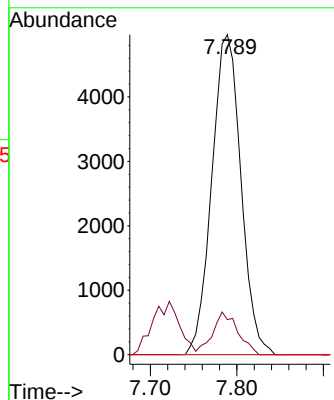
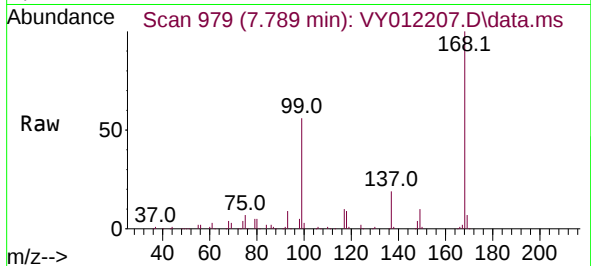




#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

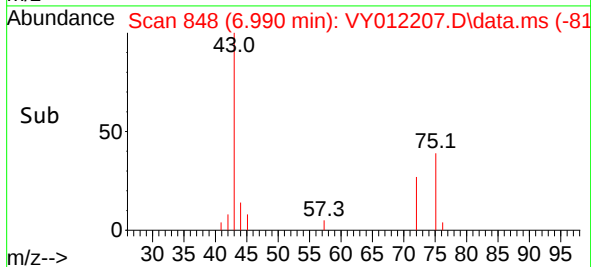
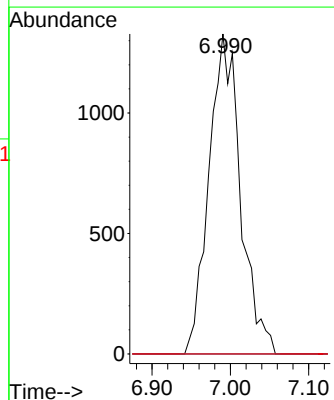
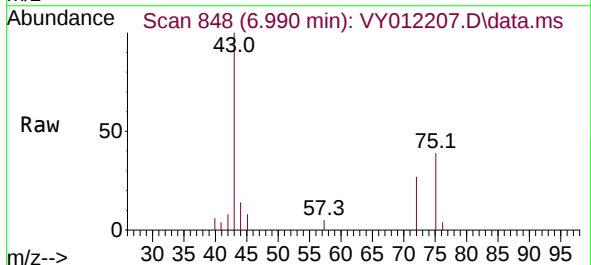
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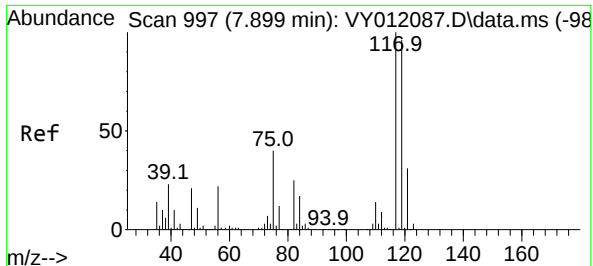
Tgt Ion: 75 Resp: 11599
Ion Ratio Lower Upper
75 100
110 11.6 18.1 54.1#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 3.375 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.086 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Tgt Ion: 43 Resp: 3711
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.2 12.4#

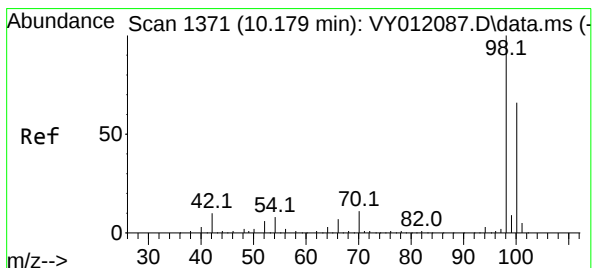
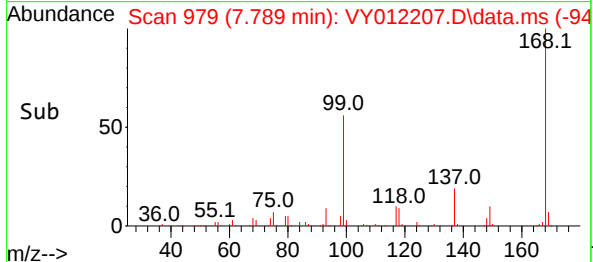
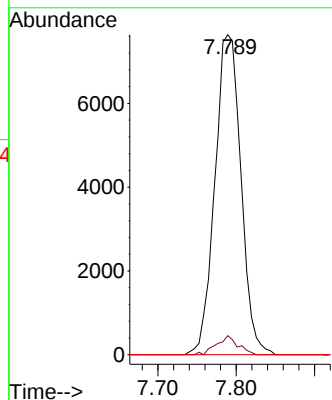
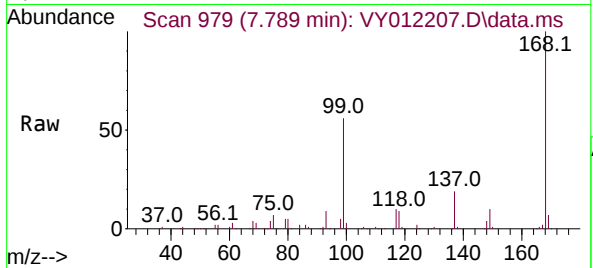




#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

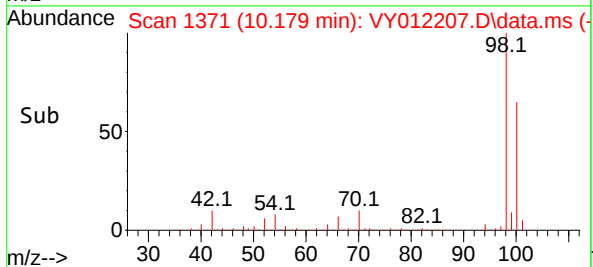
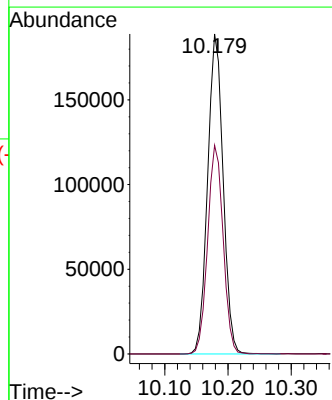
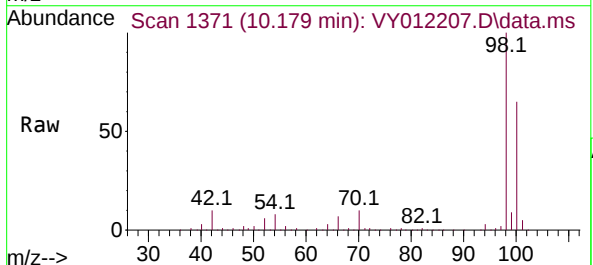
Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB02

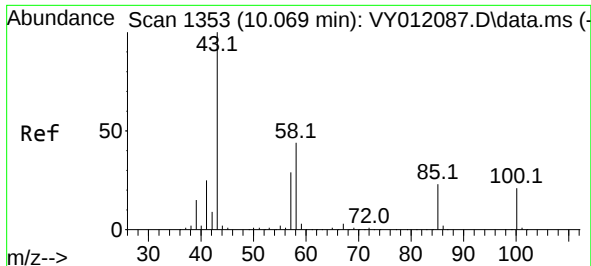
Tgt Ion:117 Resp: 17669
Ion Ratio Lower Upper
117 100
119 6.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 64.494 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Tgt Ion: 98 Resp: 321526
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

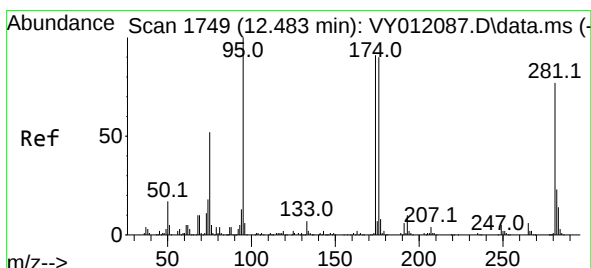
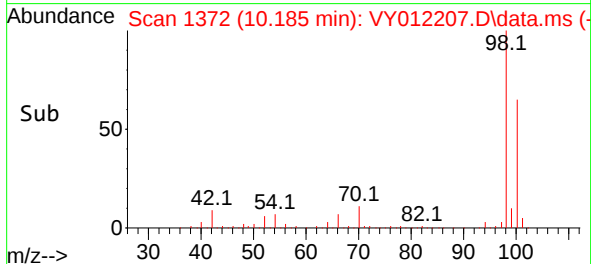
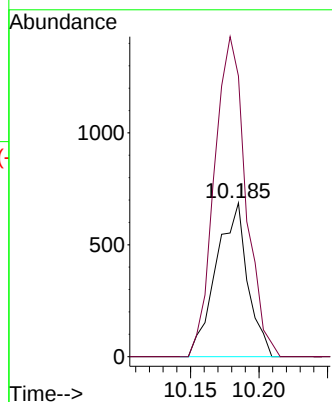
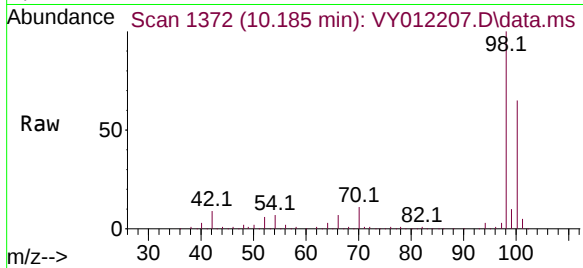




#51
4-Methyl-2-Pentanone
Concen: 1.008 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

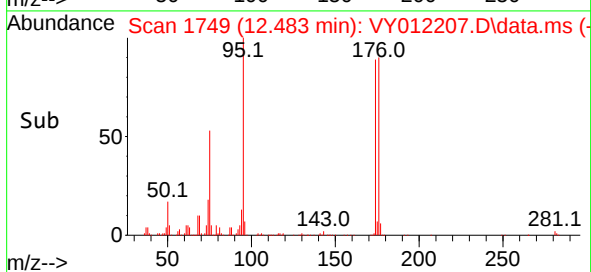
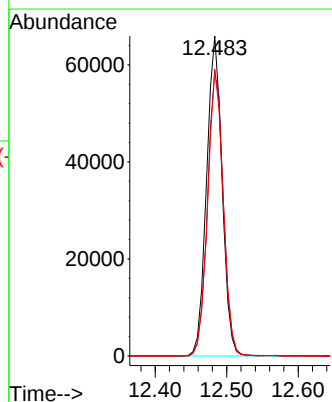
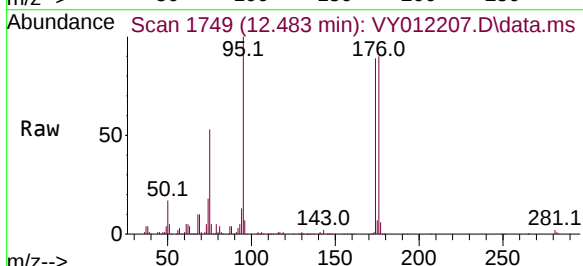
Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB02

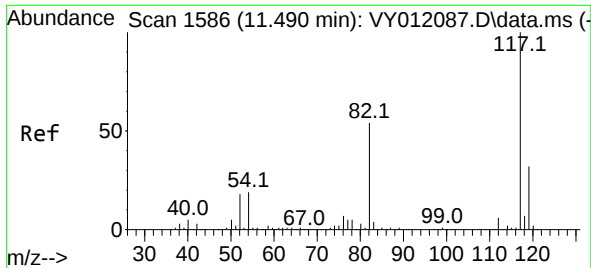
Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 208.4 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 47.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Tgt Ion: 95 Resp: 99123
Ion Ratio Lower Upper
95 100
174 91.0 0.0 172.0
176 89.6 0.0 167.6

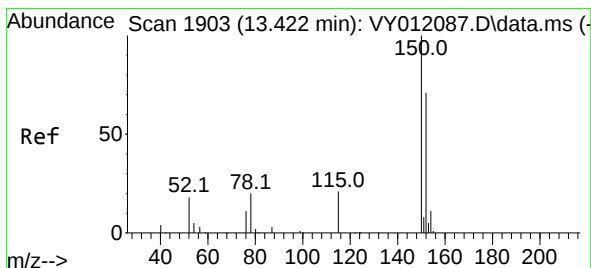
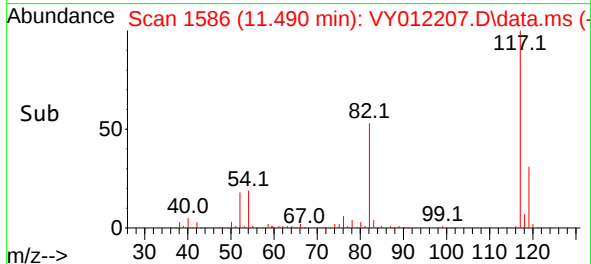
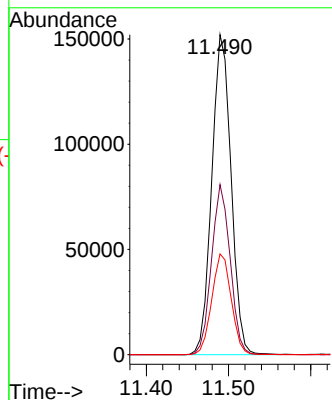
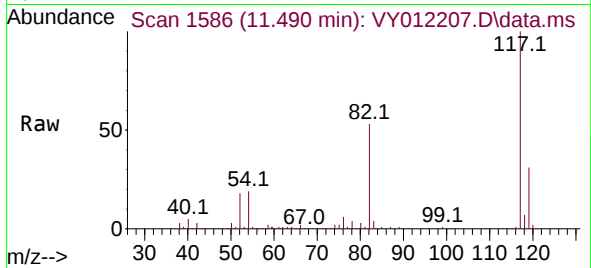




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

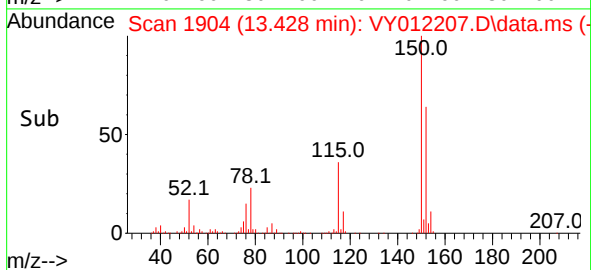
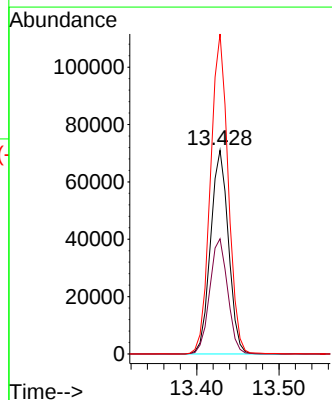
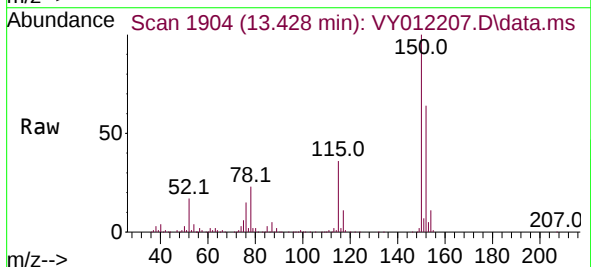
Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB02

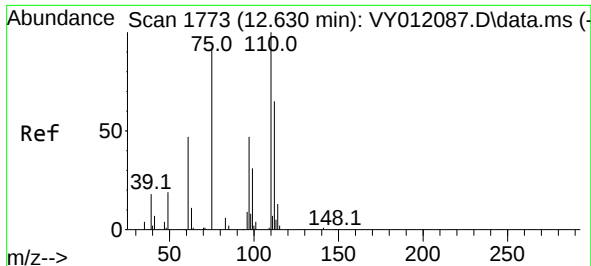
Tgt Ion:117 Resp: 248116
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Tgt Ion:152 Resp: 107171
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 156.2 0.0 342.6

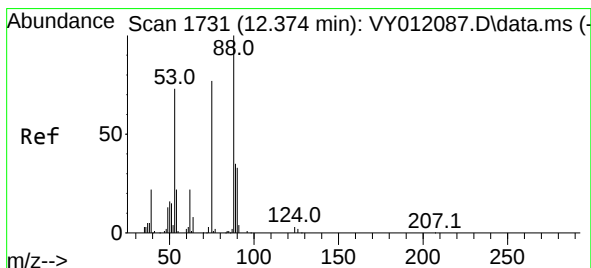
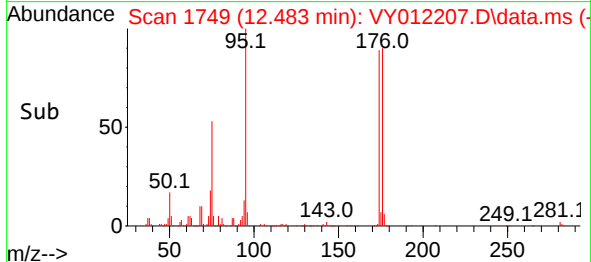
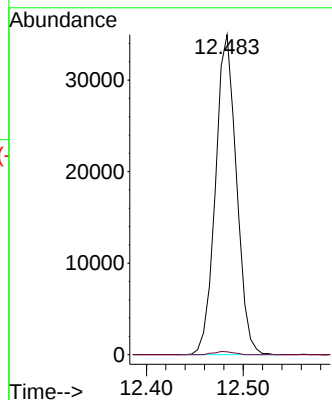
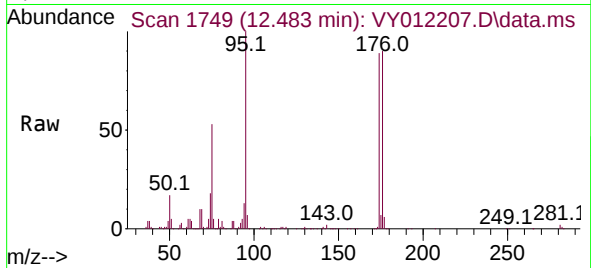




#76
1,2,3-Trichloropropane
Concen: 53.442 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB02

Tgt Ion: 75 Resp: 52666
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012207.D
Acq: 16 Jan 2023 18:18

Tgt Ion: 75 Resp: 52666
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

