

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012258.D
 Acq On : 19 Jan 2023 12:16
 Operator : KP/MD
 Sample : 01179-03RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21127

Quant Time: Jan 20 03:23:04 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)

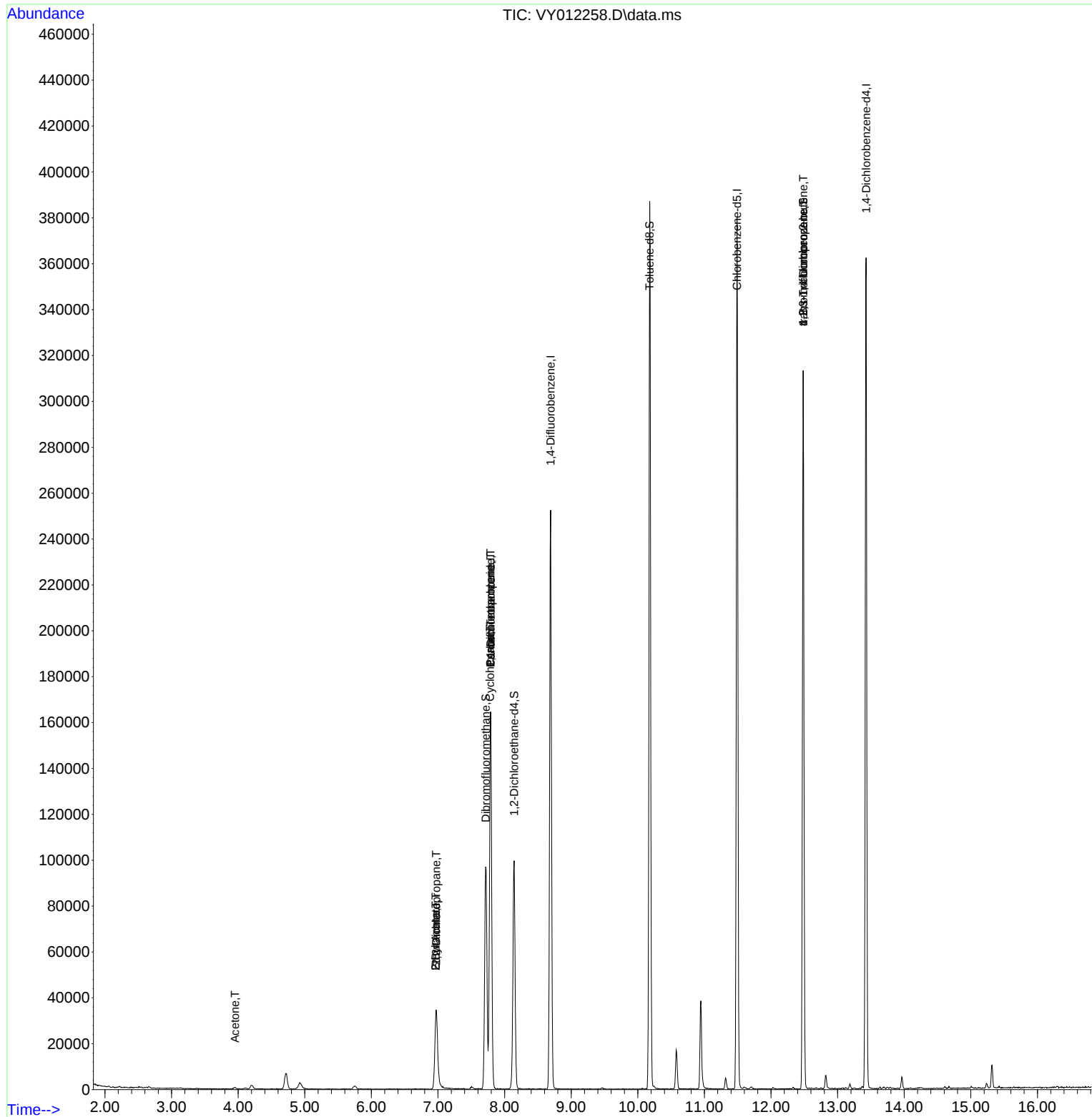
Internal Standards						
1) Pentafluorobenzene	7.789	168	132520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80793	75.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.120%	
35) Dibromofluoromethane	7.716	113	68729	58.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.200%	
50) Toluene-d8	10.179	98	262849	65.474	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.940%	
62) 4-Bromofluorobenzene	12.483	95	88141	52.858	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	1540	Below Cal	#	74
16) Acetone	3.954	43	1186	3.214	ug/l #	81
20) Methylene Chloride	4.716	84	5972	Below Cal	#	83
25) 2-Butanone	6.966	43	1704	4.183	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	2761	1.222	ug/l #	53
31) Cyclohexane	7.783	56	2404	1.244	ug/l #	33
36) 1,1-Dichloropropene	7.789	75	8795	4.375	ug/l #	50
37) Ethyl Acetate	6.966	43	1704	1.923	ug/l #	1
38) Carbon Tetrachloride	7.789	117	12614	4.858	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	45928	50.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45928	103.149	ug/l #	13

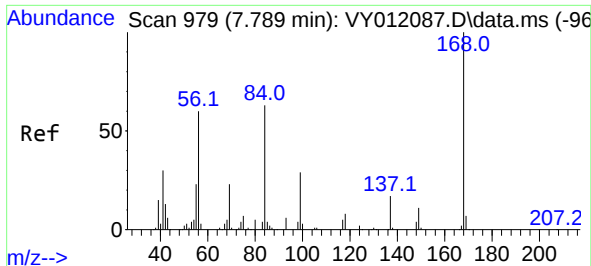
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
Data File : VY012258.D
Acq On : 19 Jan 2023 12:16
Operator : KP/MD
Sample : 01179-03RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB21127

Quant Time: Jan 20 03:23:04 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

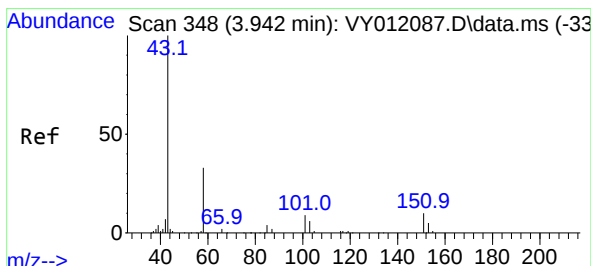
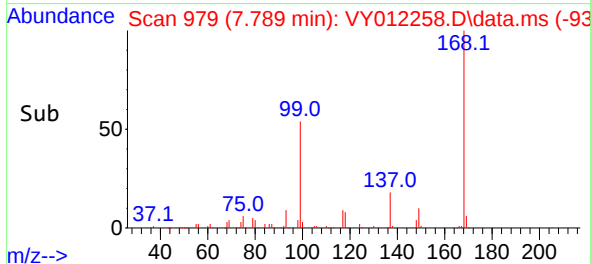
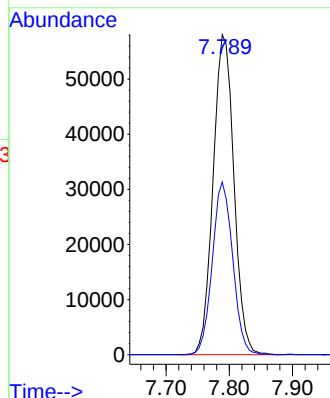
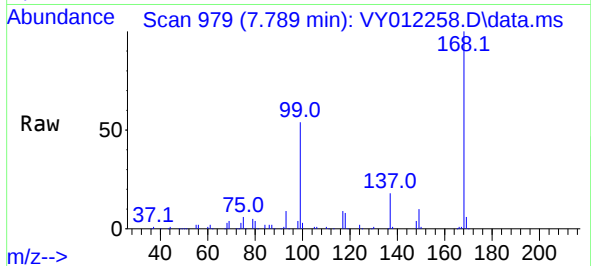




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

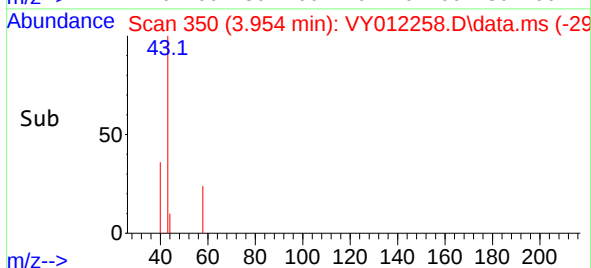
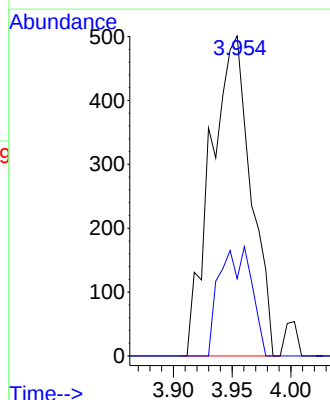
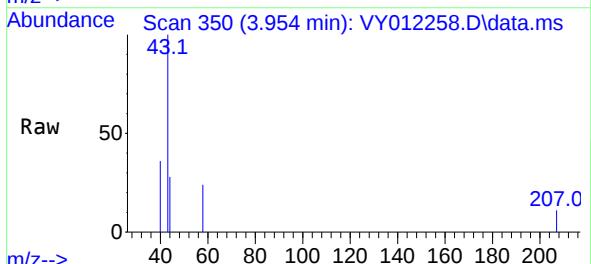
Instrument :
MSVOA_Y
ClientSampleId :
RB21127

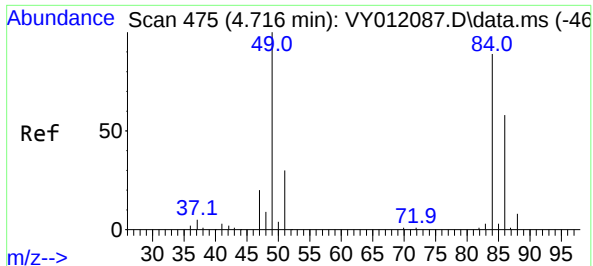
Tgt Ion:168 Resp: 132520
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#16
Acetone
Concen: 3.214 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

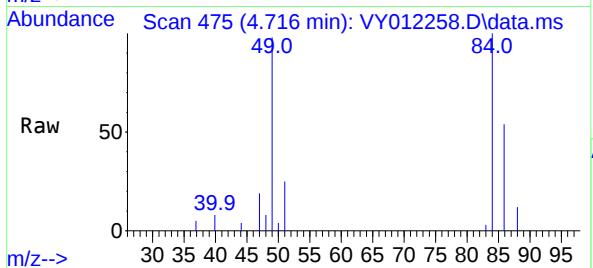
Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
58 24.2 27.9 41.9#



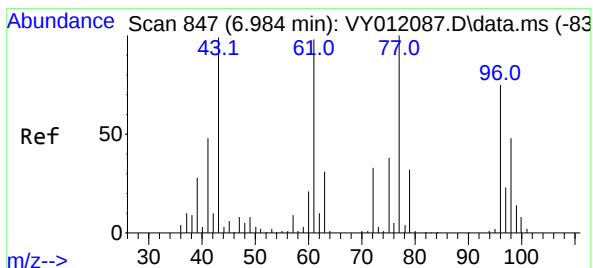
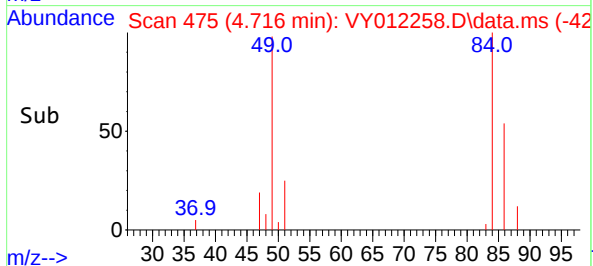
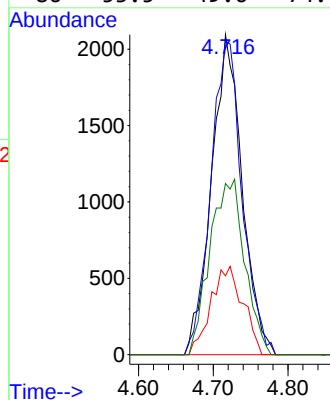


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :
RB21127

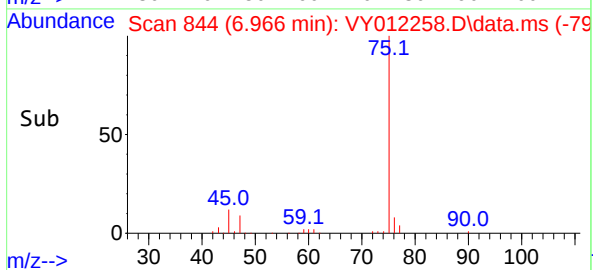
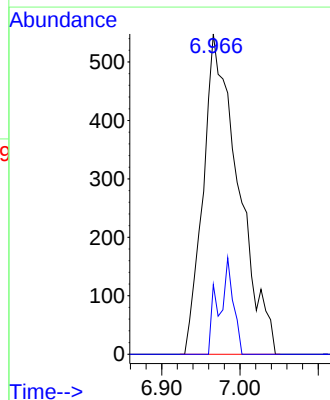
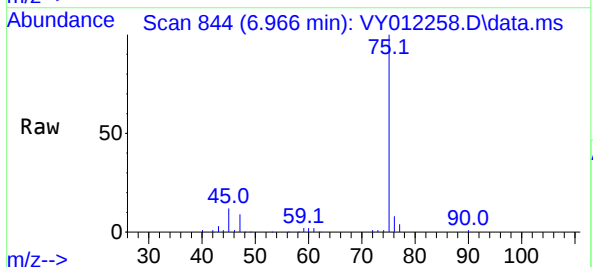


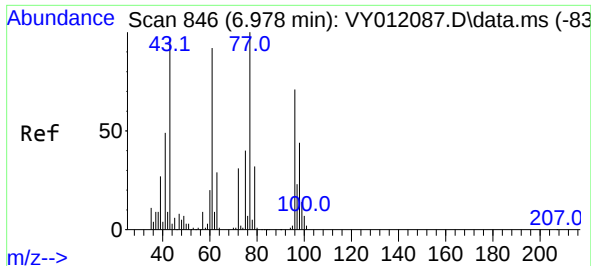
Tgt Ion: 84 Resp: 5972
Ion Ratio Lower Upper
84 100
49 97.9 95.4 143.2
51 24.6 29.9 44.9#
86 53.5 49.6 74.4



#25
2-Butanone
Concen: 4.183 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
72 21.7 22.6 34.0#





#26

2,2-Dichloropropane

Concen: 1.222 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012258.D

Acq: 19 Jan 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

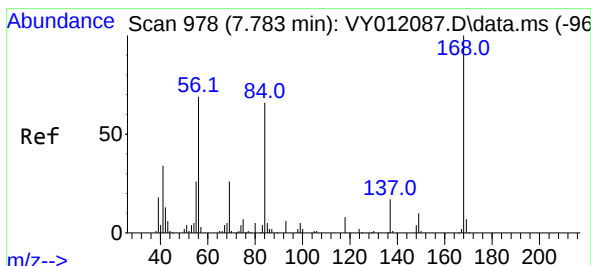
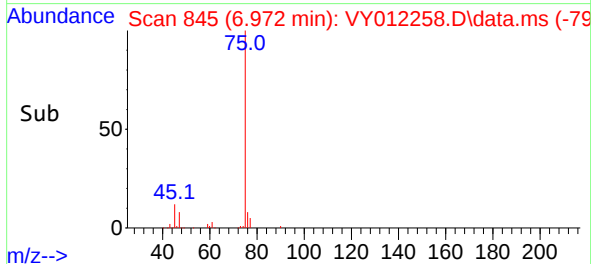
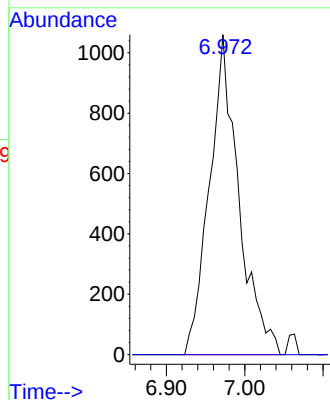
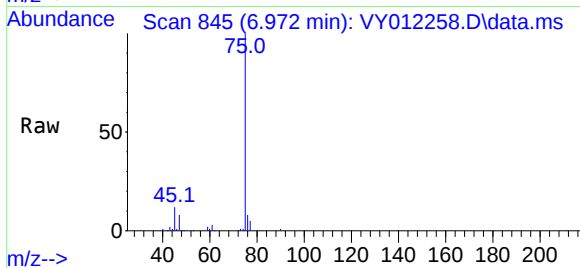
RB21127

Tgt Ion: 77 Resp: 2761

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 1.244 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012258.D

Acq: 19 Jan 2023 12:16

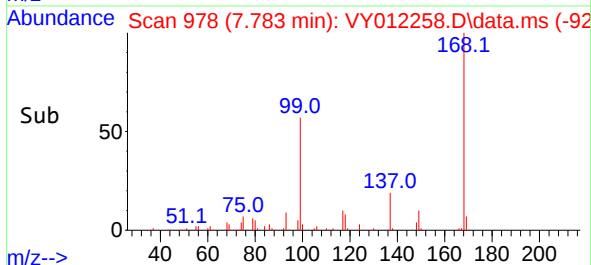
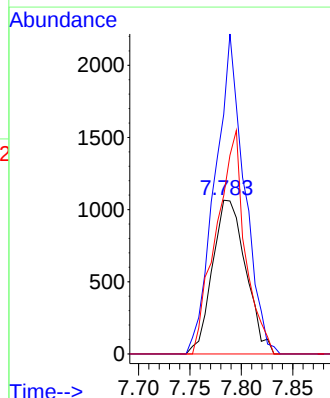
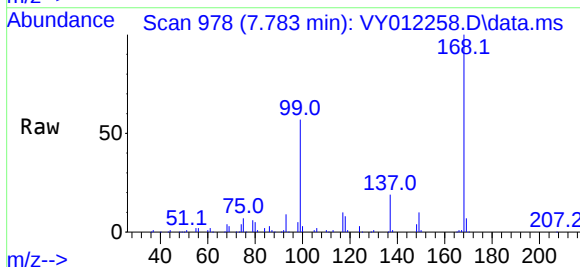
Tgt Ion: 56 Resp: 2404

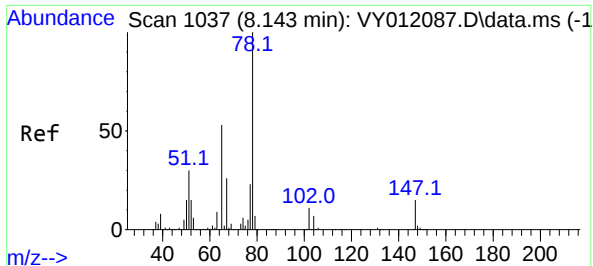
Ion Ratio Lower Upper

56 100

69 155.8 29.2 43.8#

84 102.9 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 75.563 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012258.D

Acq: 19 Jan 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

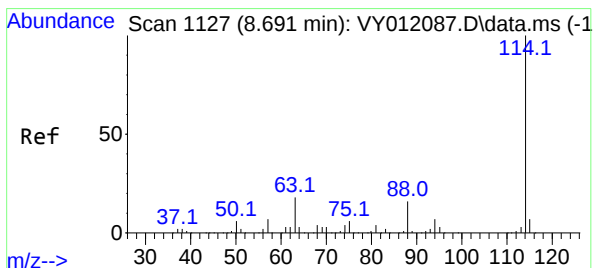
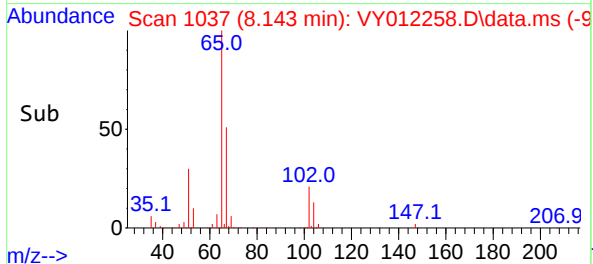
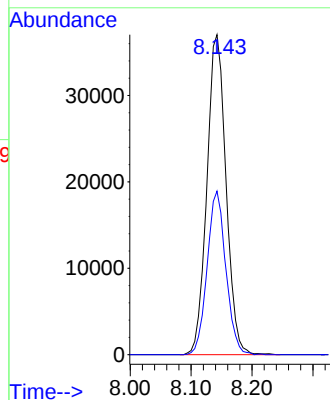
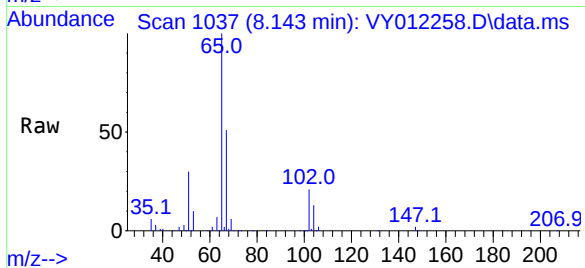
RB21127

Tgt Ion: 65 Resp: 80793

Ion Ratio Lower Upper

65 100

67 49.9 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: VY012258.D

Acq: 19 Jan 2023 12:16

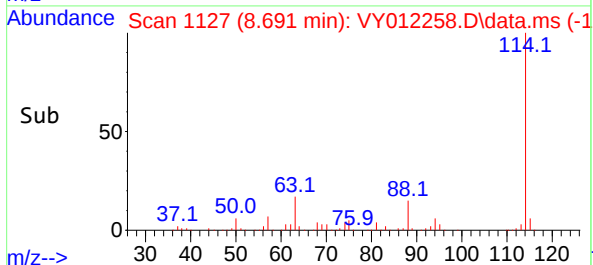
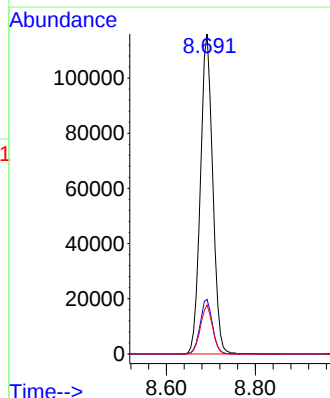
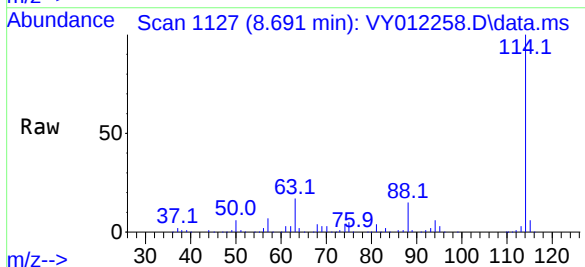
Tgt Ion:114 Resp: 223397

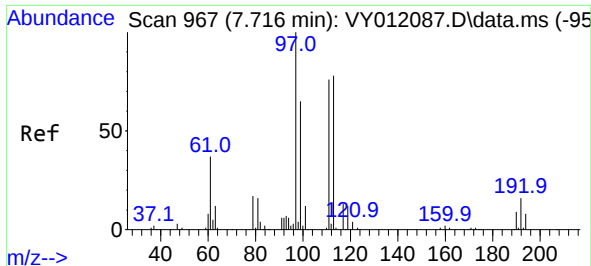
Ion Ratio Lower Upper

114 100

63 17.0 0.0 39.6

88 15.3 0.0 32.2

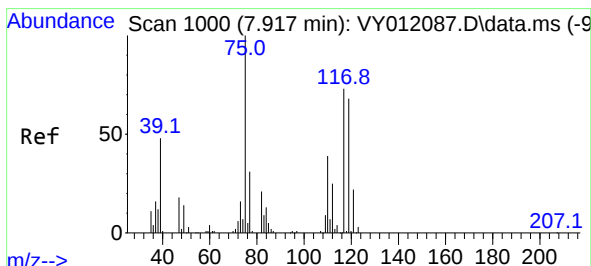
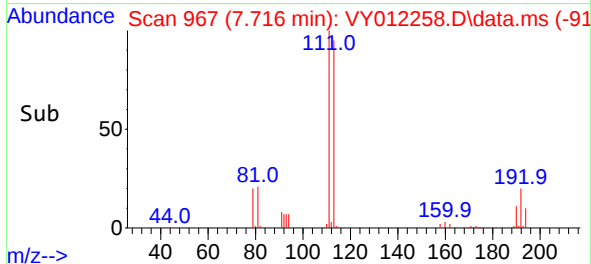
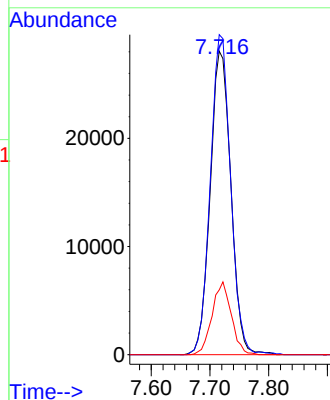
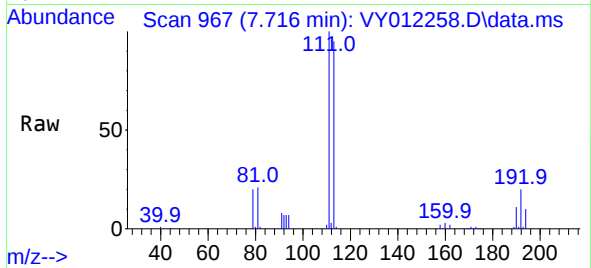




#35
Dibromofluoromethane
Concen: 58.103 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

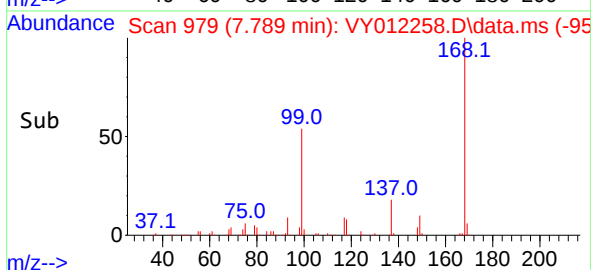
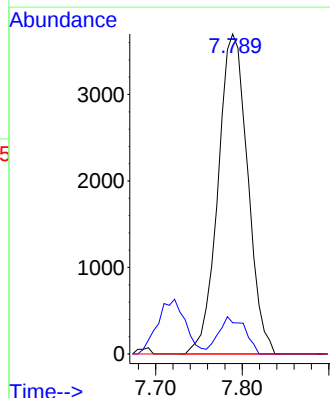
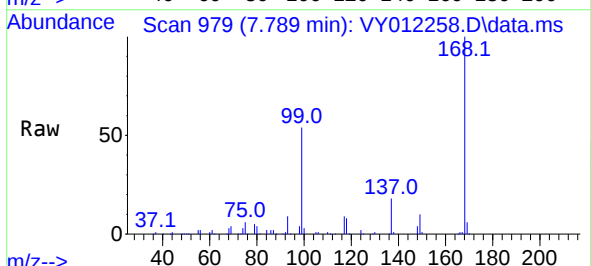
Instrument :
MSVOA_Y
ClientSampleId :
RB21127

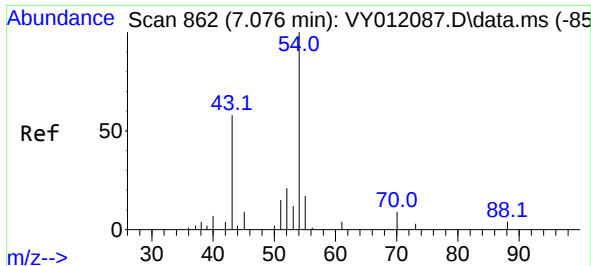
Tgt Ion:113 Resp: 68729
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.4
192 22.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.375 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

Tgt Ion: 75 Resp: 8795
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.1#
77 0.0 25.1 37.7#

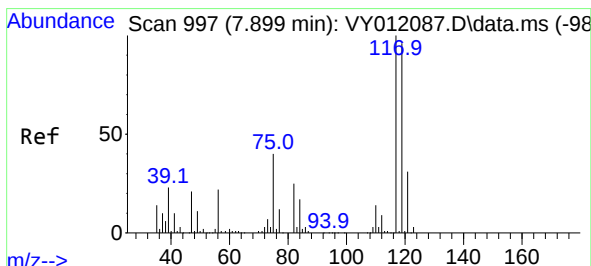
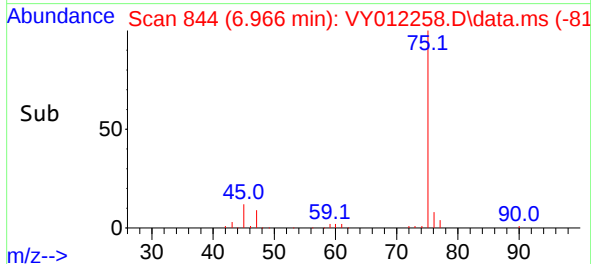
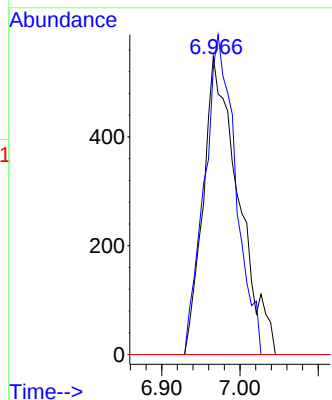
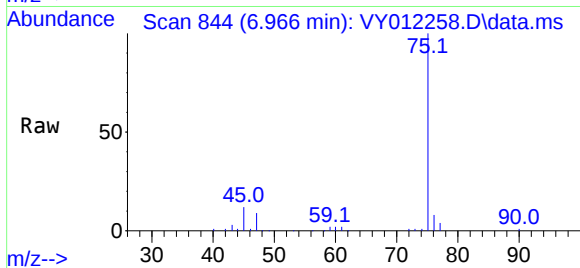




#37
Ethyl Acetate
Concen: 1.923 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.110 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

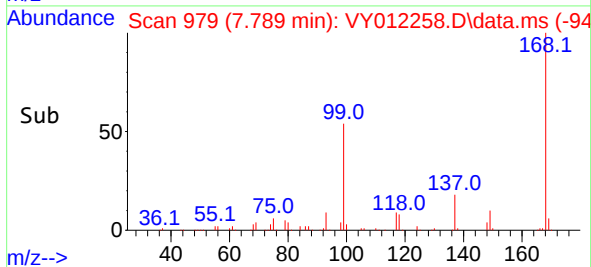
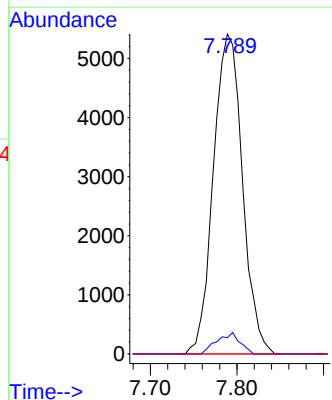
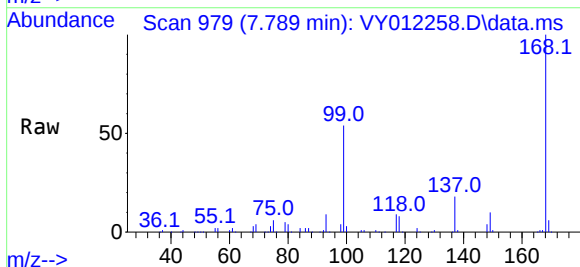
Instrument :
MSVOA_Y
ClientSampleId :
RB21127

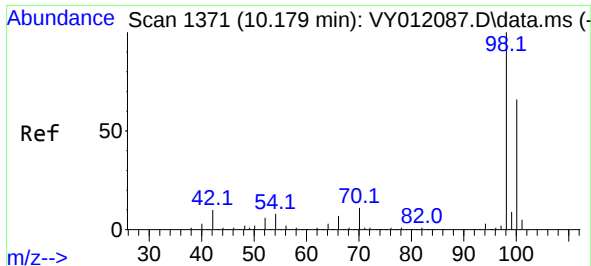
Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
61 95.8 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 4.858 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

Tgt Ion: 117 Resp: 12614
Ion Ratio Lower Upper
117 100
119 5.1 73.8 110.8#
121 0.0 25.2 37.8#

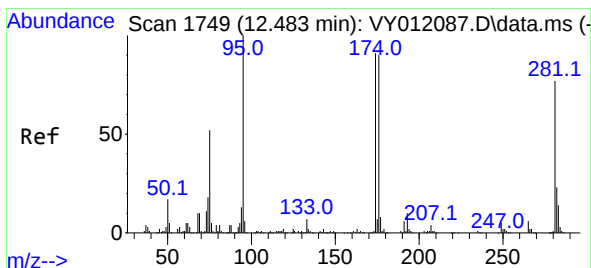
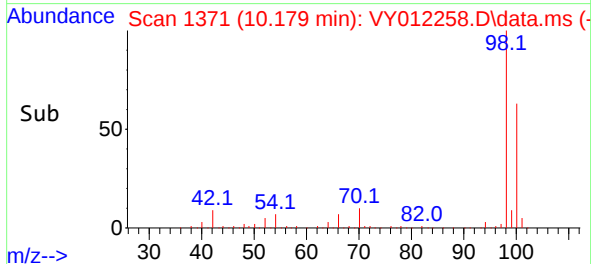
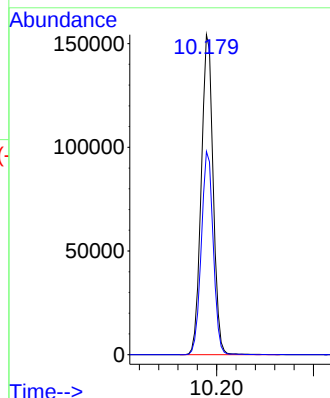
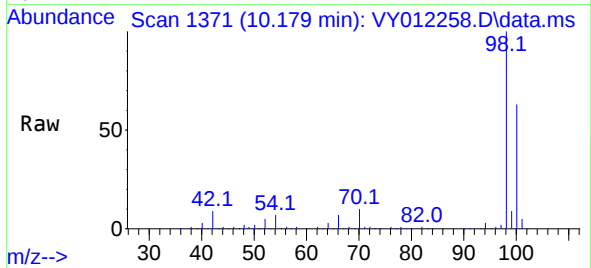




#50
Toluene-d8
Concen: 65.474 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

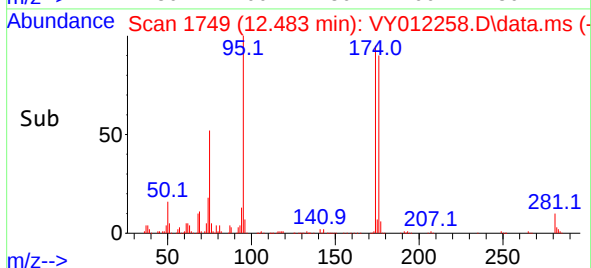
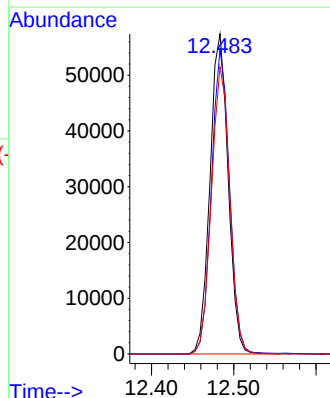
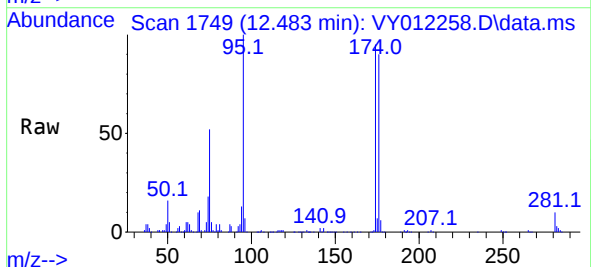
Instrument :
MSVOA_Y
ClientSampleId :
RB21127

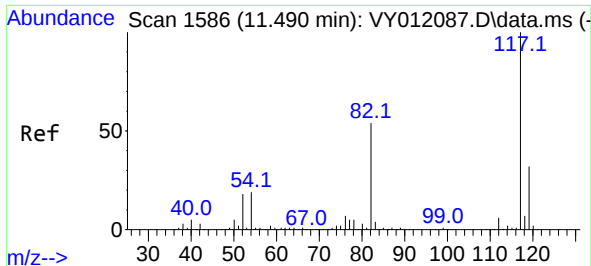
Tgt Ion: 98 Resp: 262849
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.858 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

Tgt Ion: 95 Resp: 88141
Ion Ratio Lower Upper
95 100
174 94.5 0.0 172.0
176 90.4 0.0 167.6

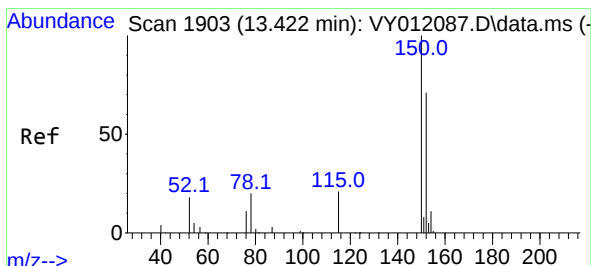
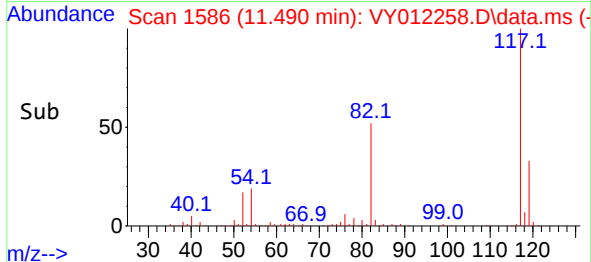
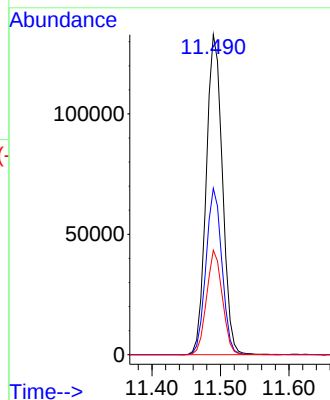
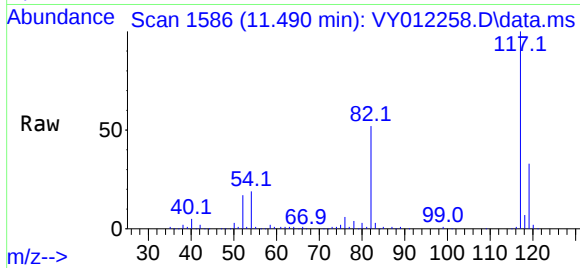




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

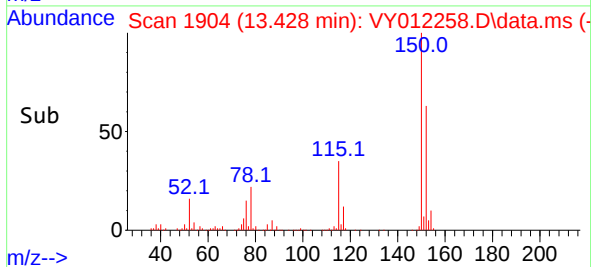
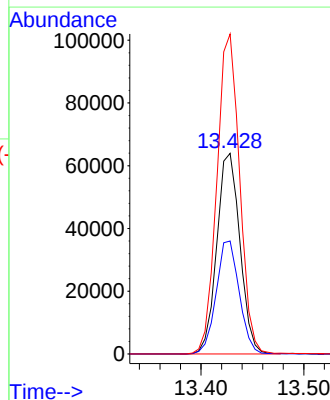
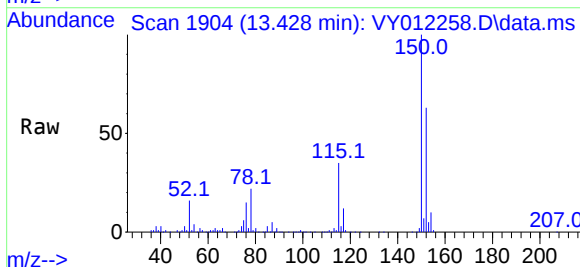
Instrument :
MSVOA_Y
ClientSampleId :
RB21127

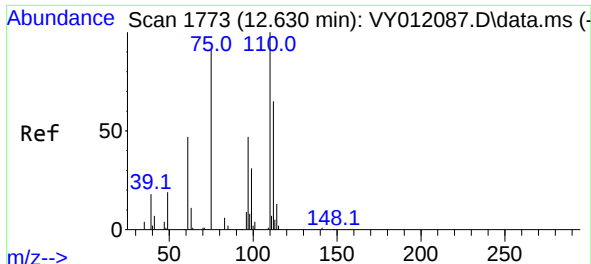
Tgt Ion:117 Resp: 218995
Ion Ratio Lower Upper
117 100
82 52.0 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

Tgt Ion:152 Resp: 99771
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.3
150 157.1 0.0 342.6

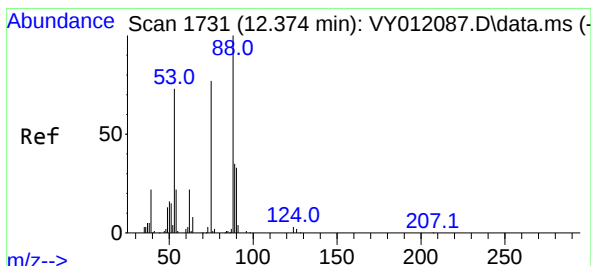
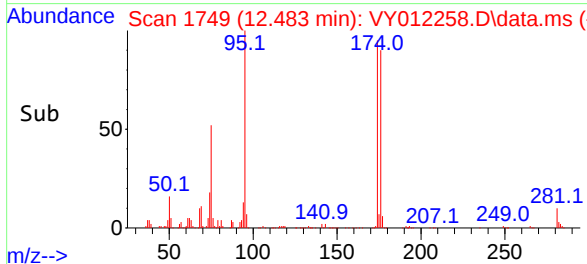
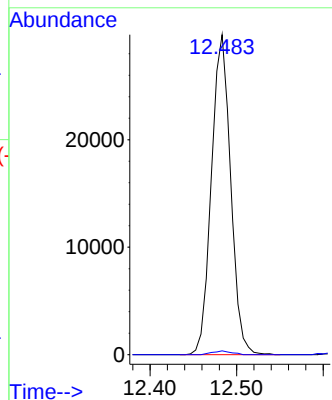
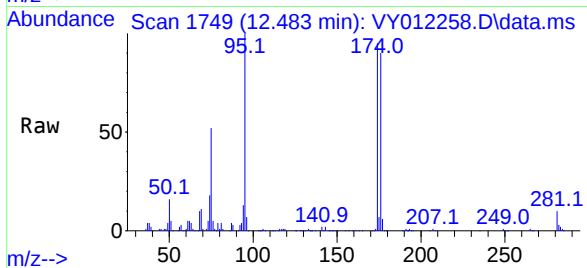




#76
1,2,3-Trichloropropane
Concen: 50.062 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :
RB21127

Tgt Ion: 75 Resp: 45928
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.149 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012258.D
Acq: 19 Jan 2023 12:16

Tgt Ion: 75 Resp: 45928
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

