

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012555.D
 Acq On : 09 Feb 2023 10:36
 Operator : KP/MD
 Sample : VY0209SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBL01

Quant Time: Feb 09 16:38:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

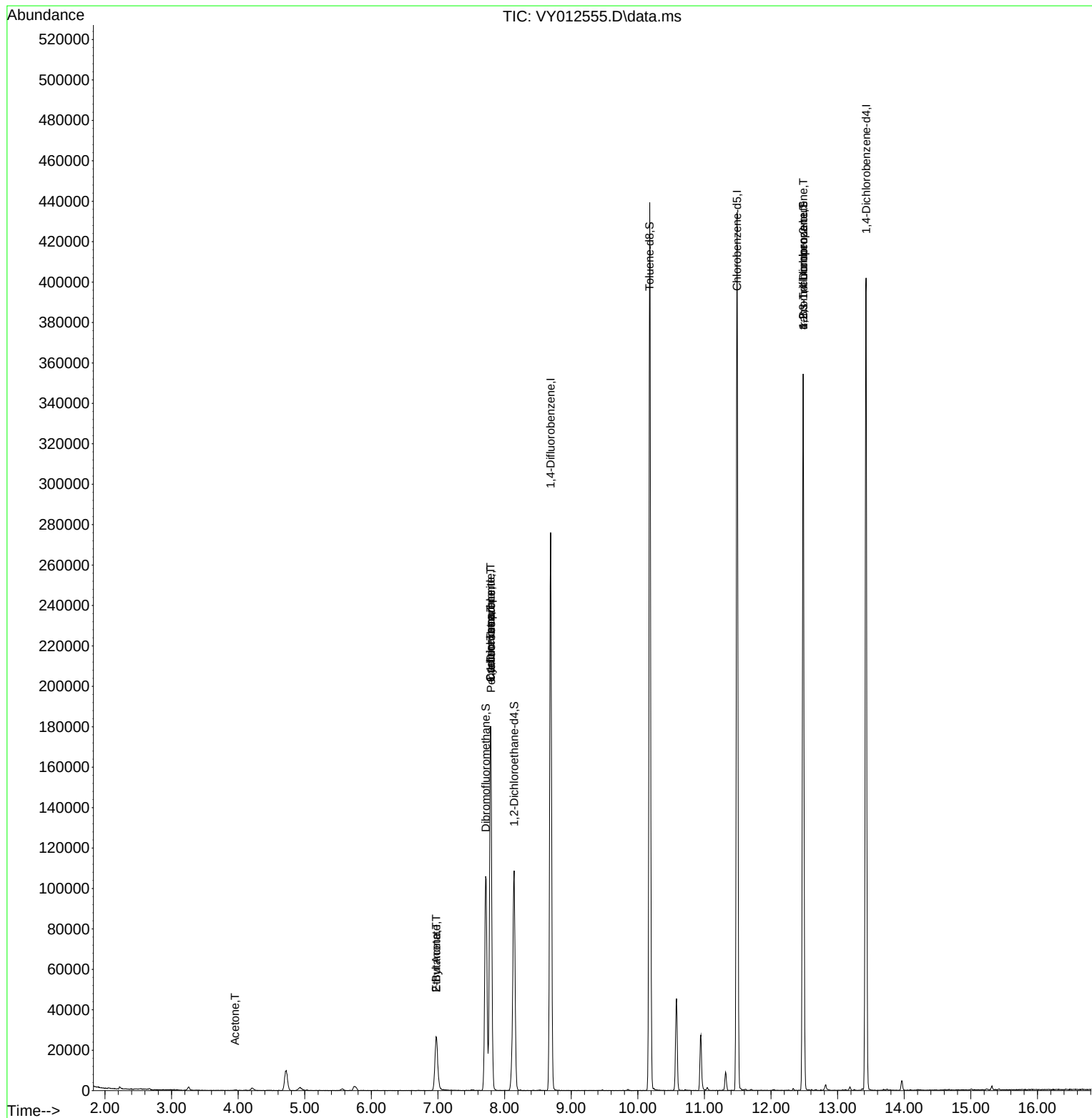
Internal Standards						
1) Pentafluorobenzene	7.795	168	148005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85683	45.526	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.060%		
35) Dibromofluoromethane	7.716	113	72783	40.650	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.300%		
50) Toluene-d8	10.179	98	289919	38.902	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.800%		
62) 4-Bromofluorobenzene	12.483	95	96736	37.214	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	74.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	90	Below Cal	#	41
5) Bromomethane	2.674	94	212	Below Cal	#	72
16) Acetone	3.954	43	540	1.192	ug/l #	81
25) 2-Butanone	6.972	43	1259	2.505	ug/l #	68
31) Cyclohexane	7.789	56	2540	1.167	ug/l #	21
36) 1,1-Dichloropropene	7.789	75	9724	4.013	ug/l #	49
37) Ethyl Acetate	6.972	43	1259	1.151	ug/l #	1
38) Carbon Tetrachloride	7.789	117	14420	4.433	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50478	40.147	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50478	90.535	ug/l #	12

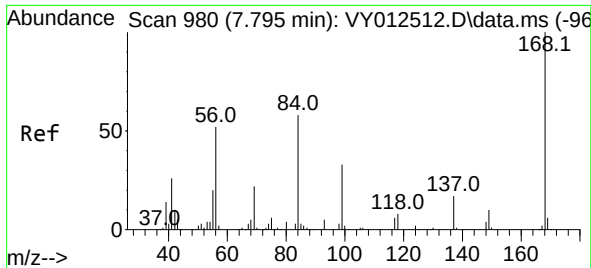
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Feb 09 16:38:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
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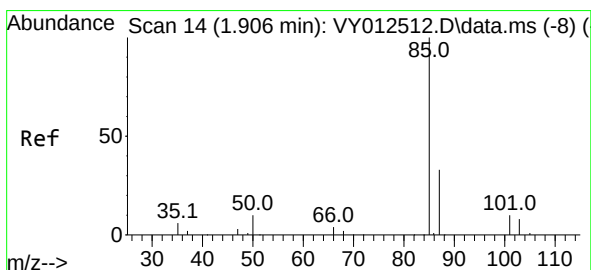
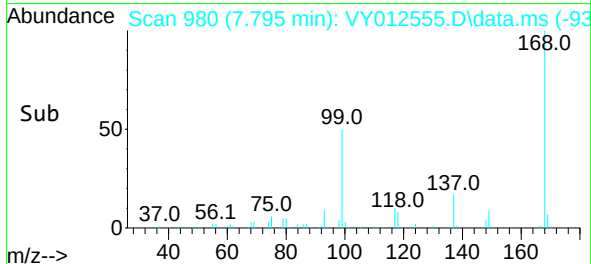
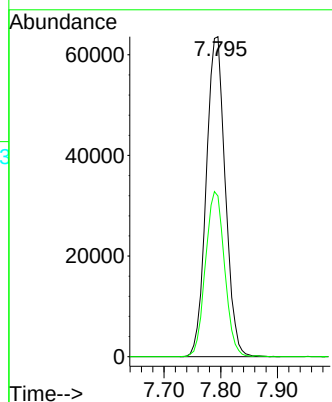
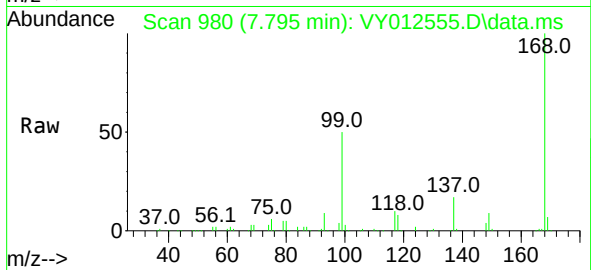




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

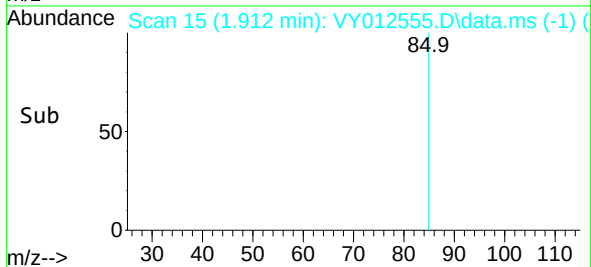
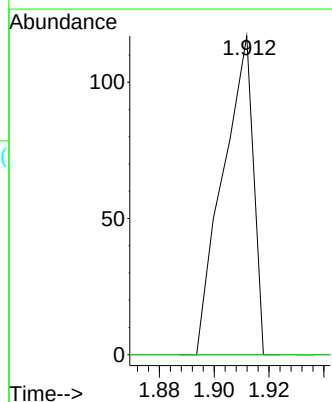
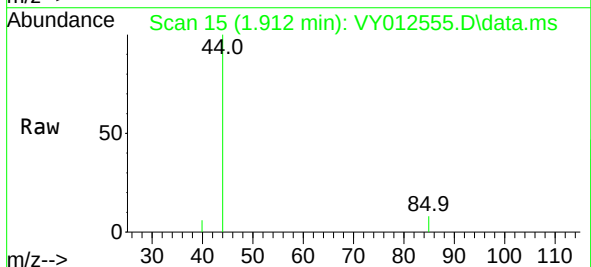
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

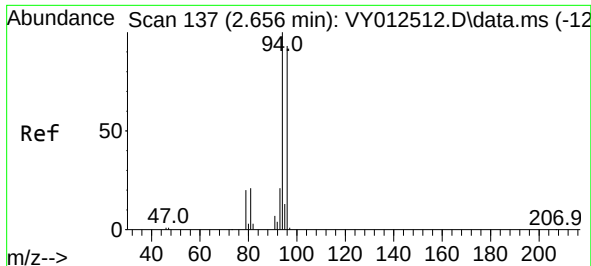
Tgt Ion:168 Resp: 148005
Ion Ratio Lower Upper
168 100
99 50.2 40.8 61.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

Tgt Ion: 85 Resp: 90
Ion Ratio Lower Upper
85 100
87 0.0 16.6 49.8#

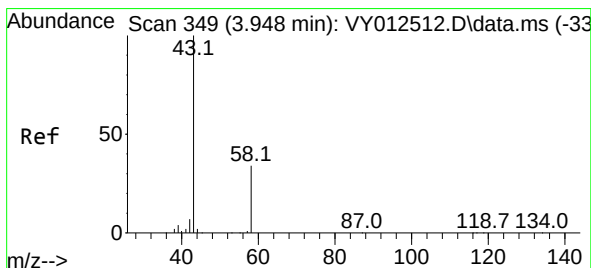
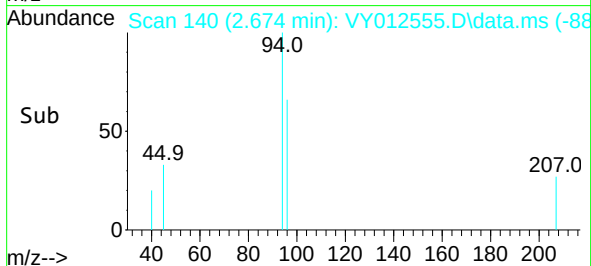
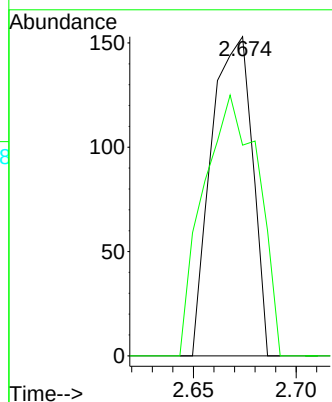
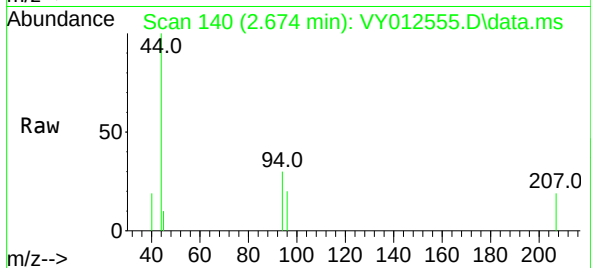




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

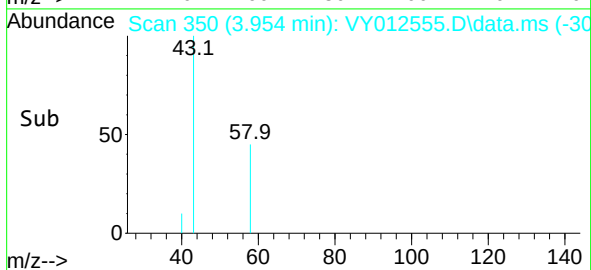
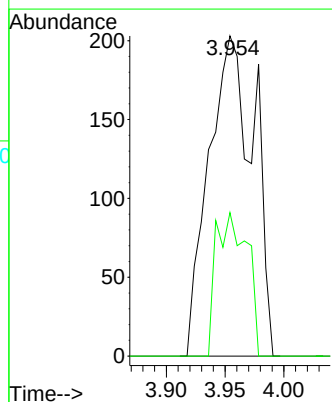
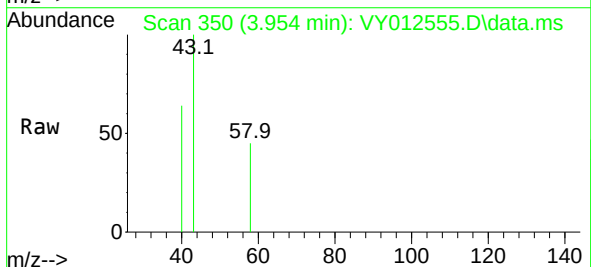
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

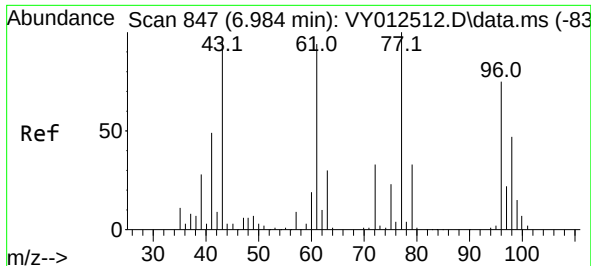
Tgt Ion: 94 Resp: 212
Ion Ratio Lower Upper
94 100
96 66.0 74.7 112.1#



#16
Acetone
Concen: 1.192 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

Tgt Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
58 44.8 27.1 40.7#





#25

2-Butanone

Concen: 2.505 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012555.D

Acq: 09 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

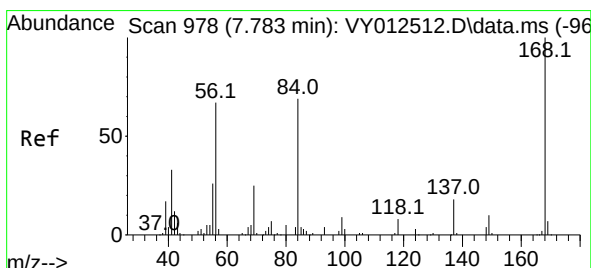
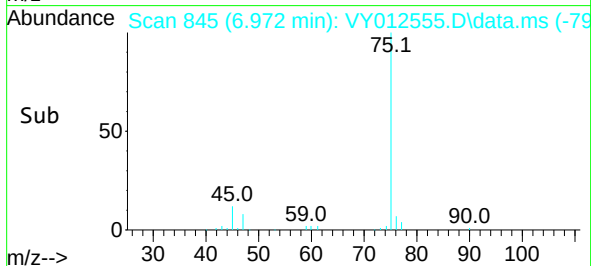
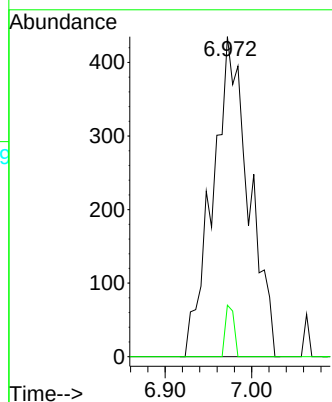
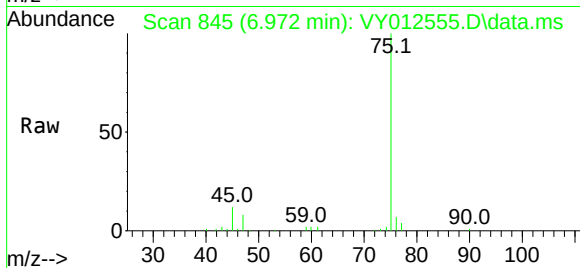
VY0209SBL01

Tgt Ion: 43 Resp: 1259

Ion Ratio Lower Upper

43 100

72 16.1 27.4 41.2#



#31

Cyclohexane

Concen: 1.167 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012555.D

Acq: 09 Feb 2023 10:36

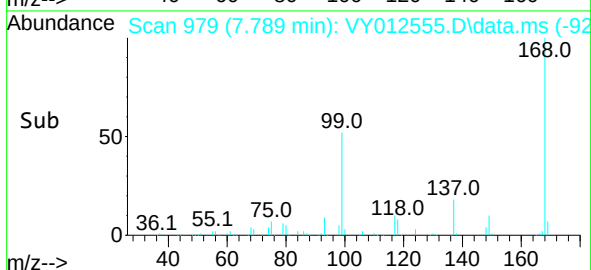
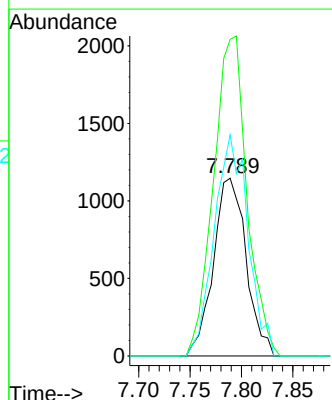
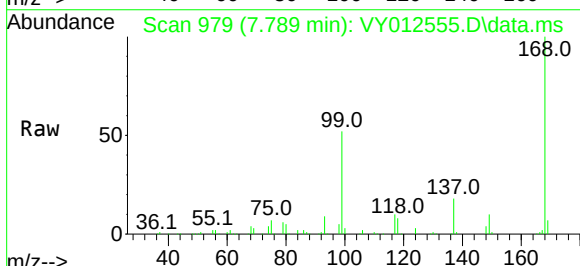
Tgt Ion: 56 Resp: 2540

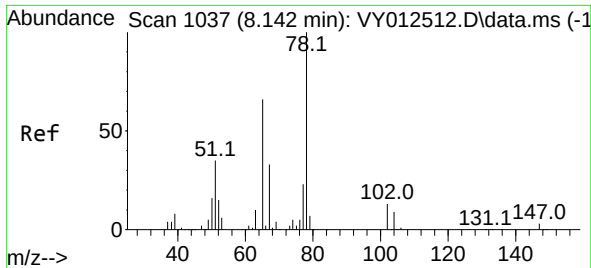
Ion Ratio Lower Upper

56 100

69 177.9 29.5 44.3#

84 124.3 81.9 122.9#

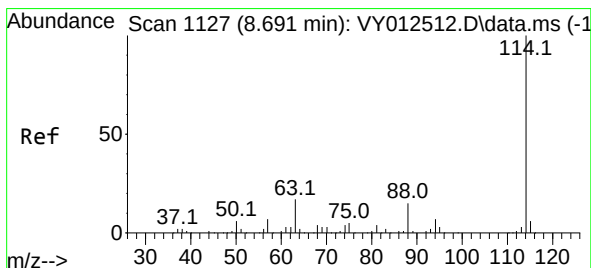
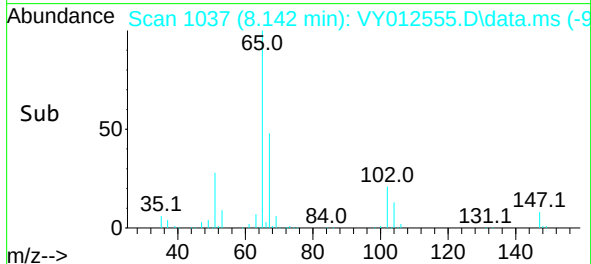
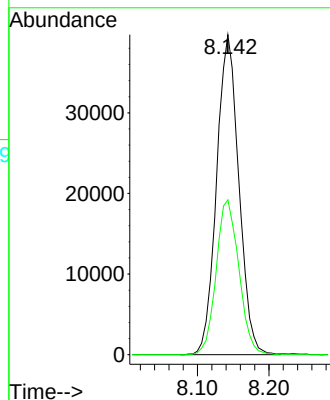
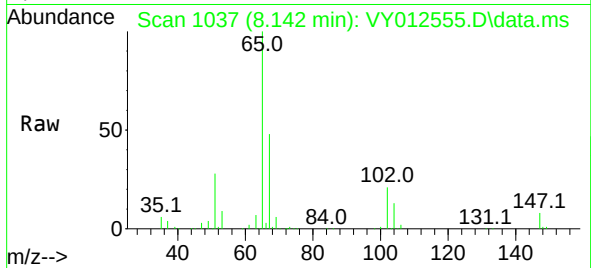




#33
 1,2-Dichloroethane-d4
 Concen: 45.526 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY012555.D
 Acq: 09 Feb 2023 10:36

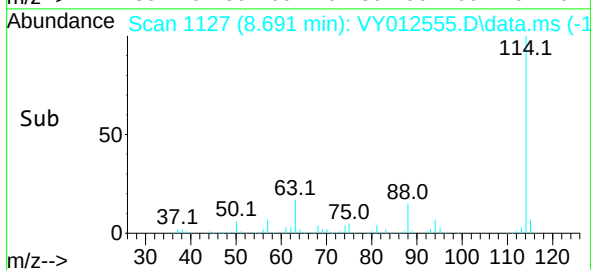
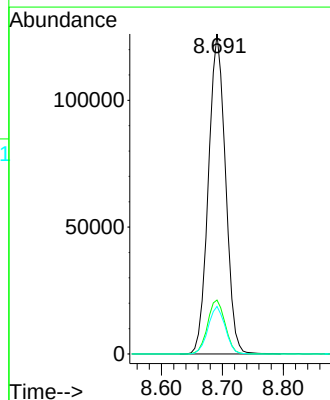
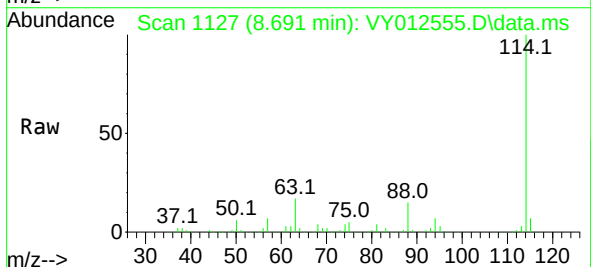
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBL01

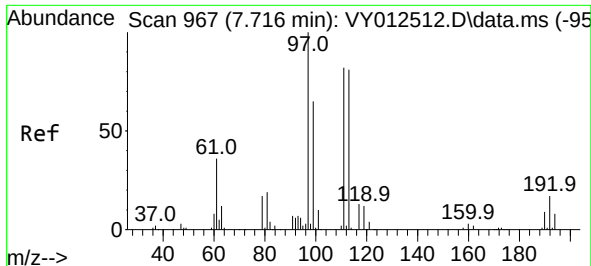
Tgt Ion: 65 Resp: 85683
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012555.D
 Acq: 09 Feb 2023 10:36

Tgt Ion: 114 Resp: 245858
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.6
 88 14.8 0.0 29.8

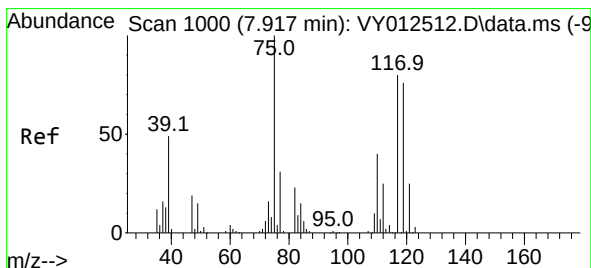
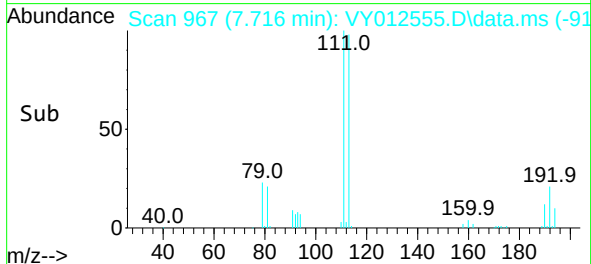
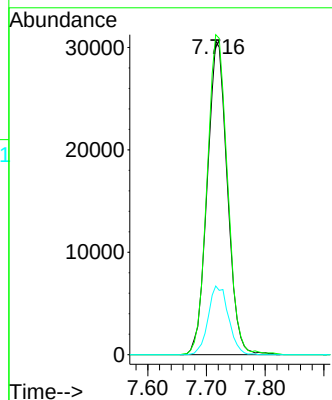
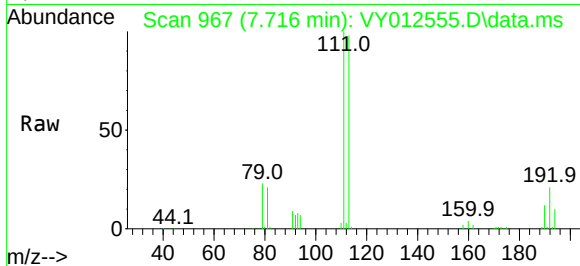




#35
Dibromofluoromethane
Concen: 40.650 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

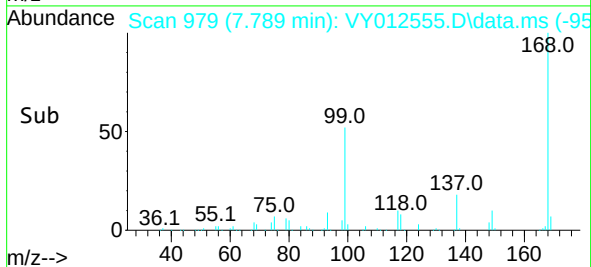
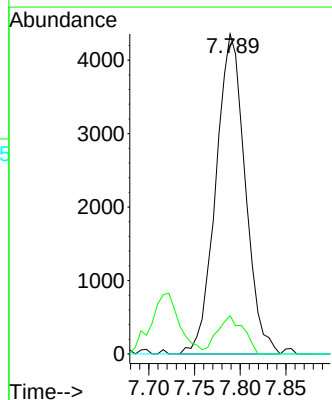
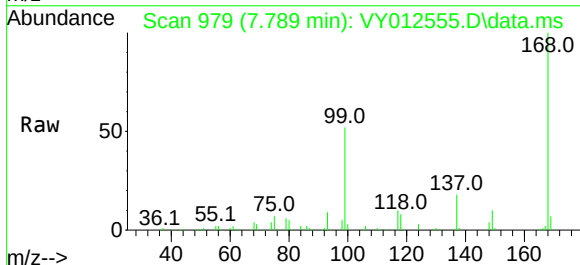
Instrument :
MSVOA_Y
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VY0209SBL01

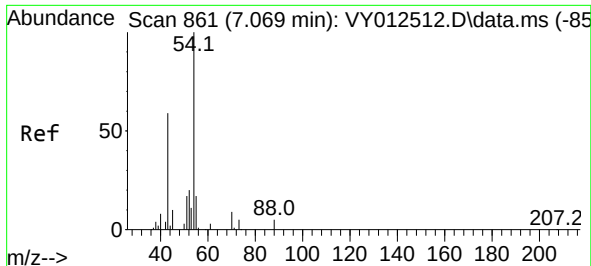
Tgt Ion:113 Resp: 72783
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 22.1 17.5 26.3



#36
1,1-Dichloropropene
Concen: 4.013 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

Tgt Ion: 75 Resp: 9724
Ion Ratio Lower Upper
75 100
110 10.7 19.5 58.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.151 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY012555.D

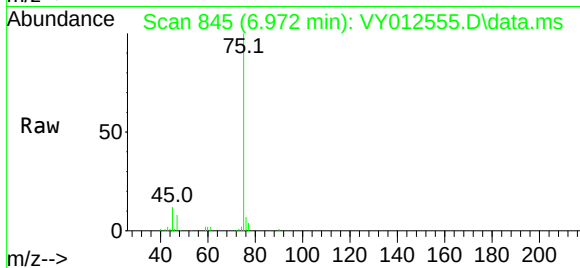
Acq: 09 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBL01



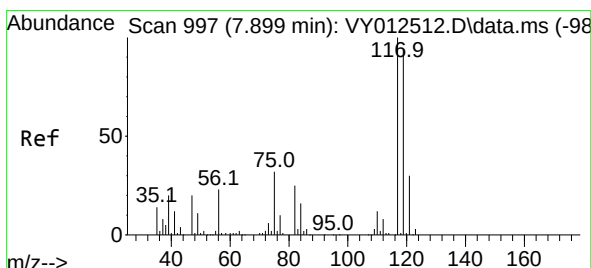
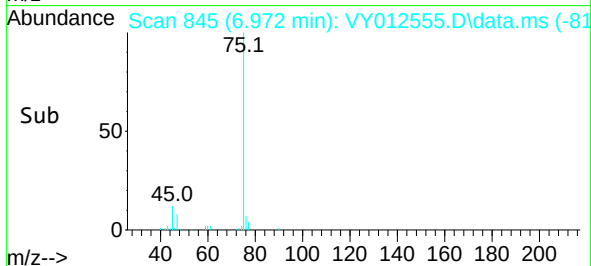
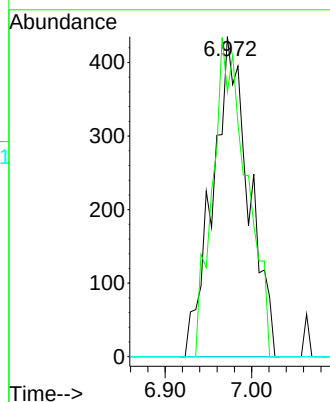
Tgt Ion: 43 Resp: 1259

Ion Ratio Lower Upper

43 100

61 93.6 12.5 18.7#

70 0.0 11.0 16.4#



#38

Carbon Tetrachloride

Concen: 4.433 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012555.D

Acq: 09 Feb 2023 10:36

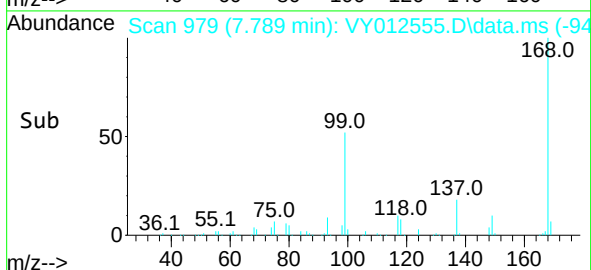
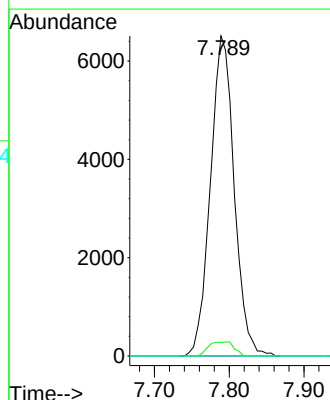
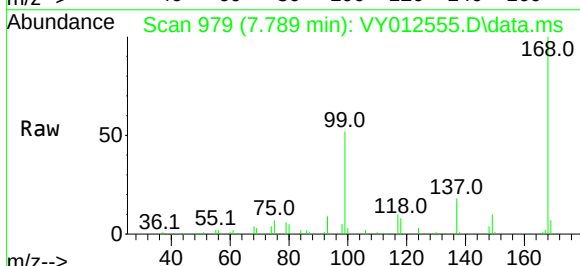
Tgt Ion: 117 Resp: 14420

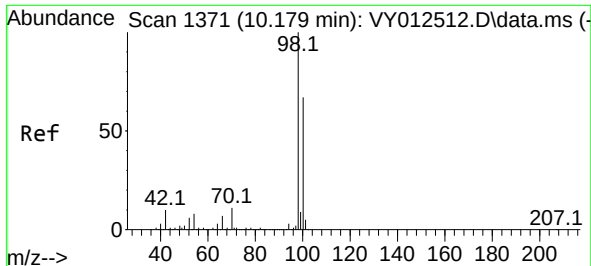
Ion Ratio Lower Upper

117 100

119 4.3 75.1 112.7#

121 0.0 24.3 36.5#

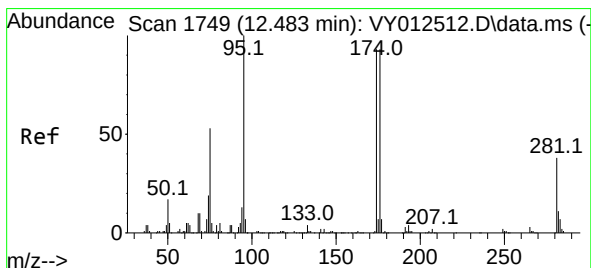
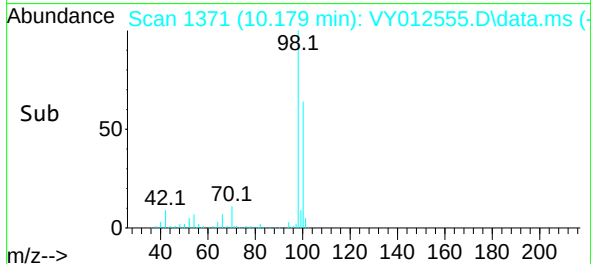
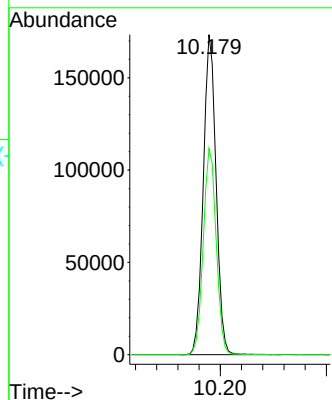
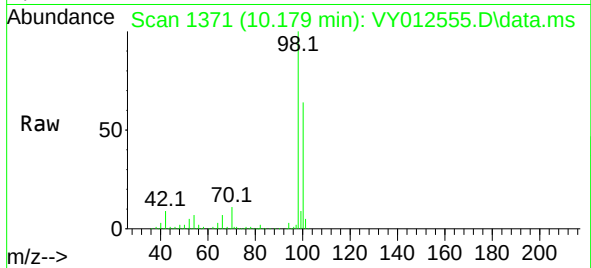




#50
Toluene-d8
Concen: 38.902 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

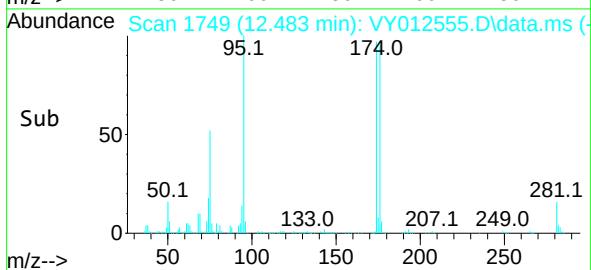
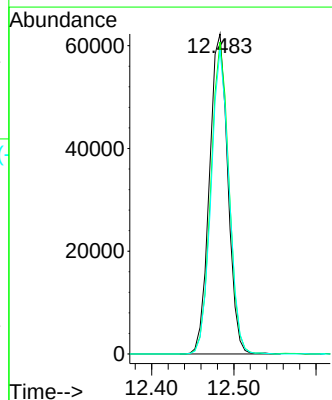
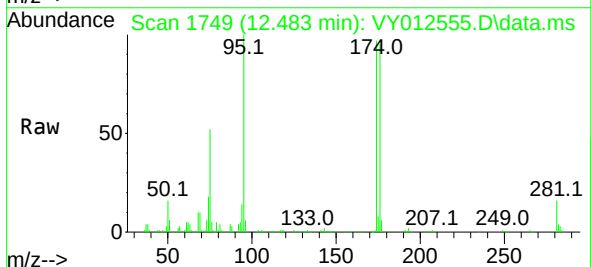
Instrument :
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VY0209SBL01

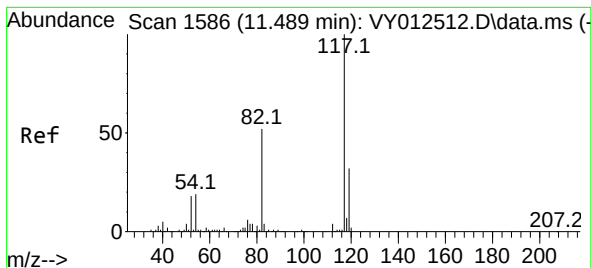
Tgt Ion: 98 Resp: 289919
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

Tgt Ion: 95 Resp: 96736
Ion Ratio Lower Upper
95 100
174 95.8 0.0 188.0
176 92.9 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012555.D

Acq: 09 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBL01

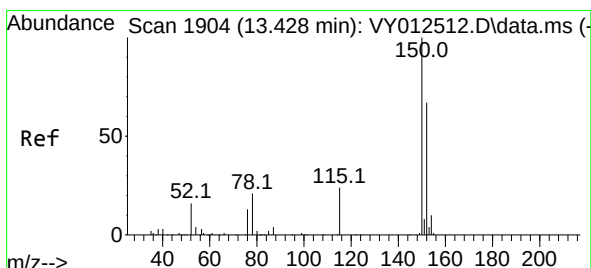
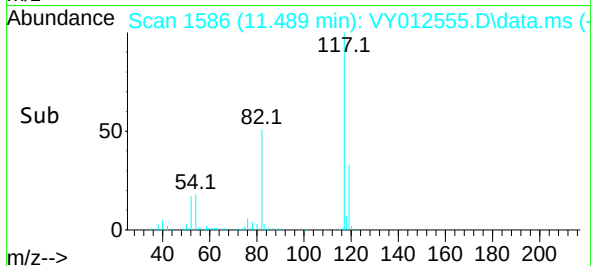
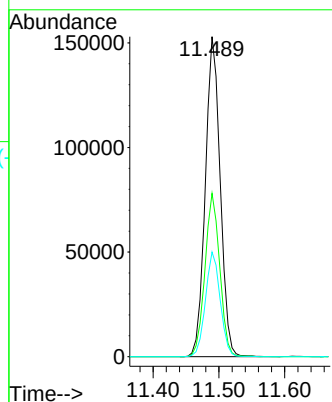
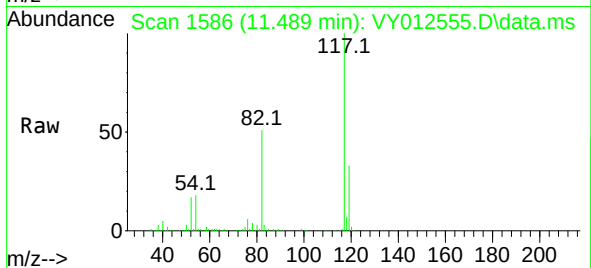
Tgt Ion:117 Resp: 241092

Ion Ratio Lower Upper

117 100

82 51.1 41.7 62.5

119 32.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012555.D

Acq: 09 Feb 2023 10:36

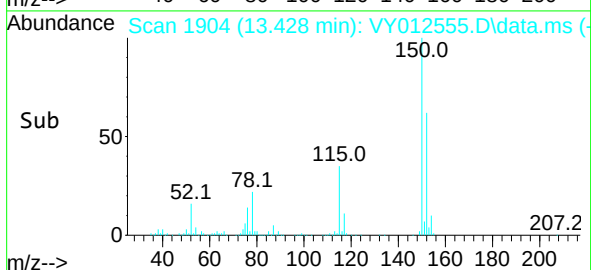
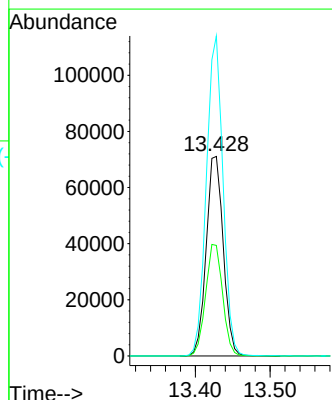
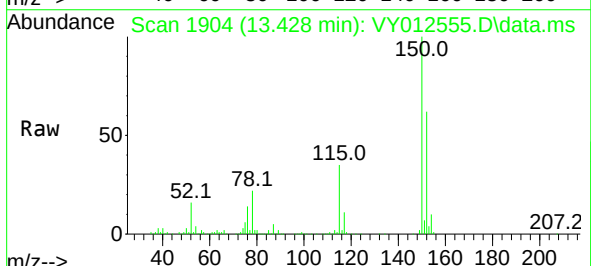
Tgt Ion:152 Resp: 112538

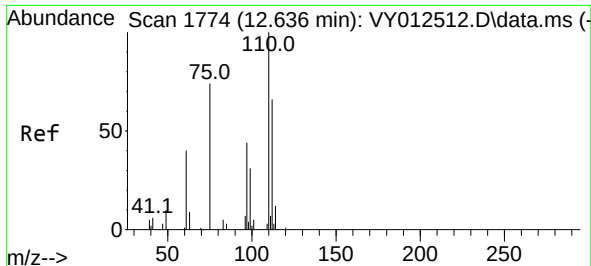
Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.3

150 156.1 0.0 351.0

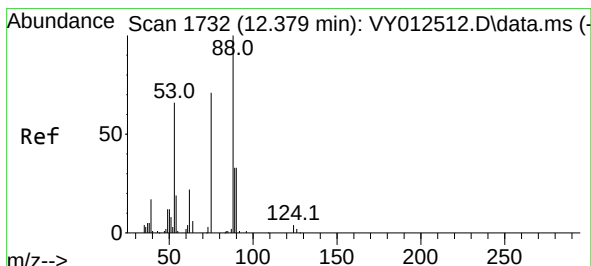
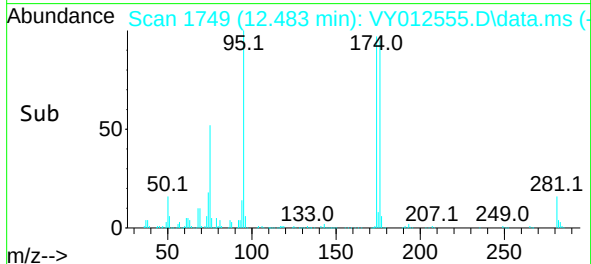
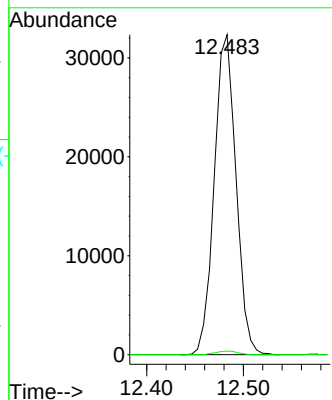
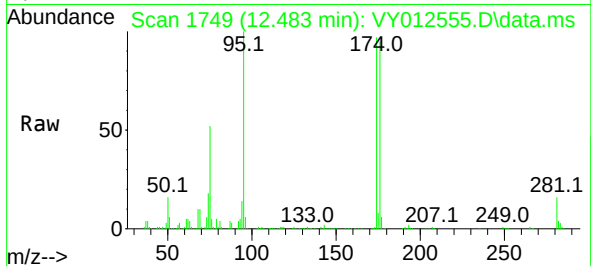




#76
1,2,3-Trichloropropane
Concen: 40.147 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

Tgt Ion: 75 Resp: 50478
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.535 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012555.D
Acq: 09 Feb 2023 10:36

Tgt Ion: 75 Resp: 50478
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.1 39.9 59.9#

