

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013555.D
 Acq On : 02 May 2023 14:36
 Operator : KP/MD
 Sample : 02567-01
 Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-21-SB01

Quant Time: May 03 01:33:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

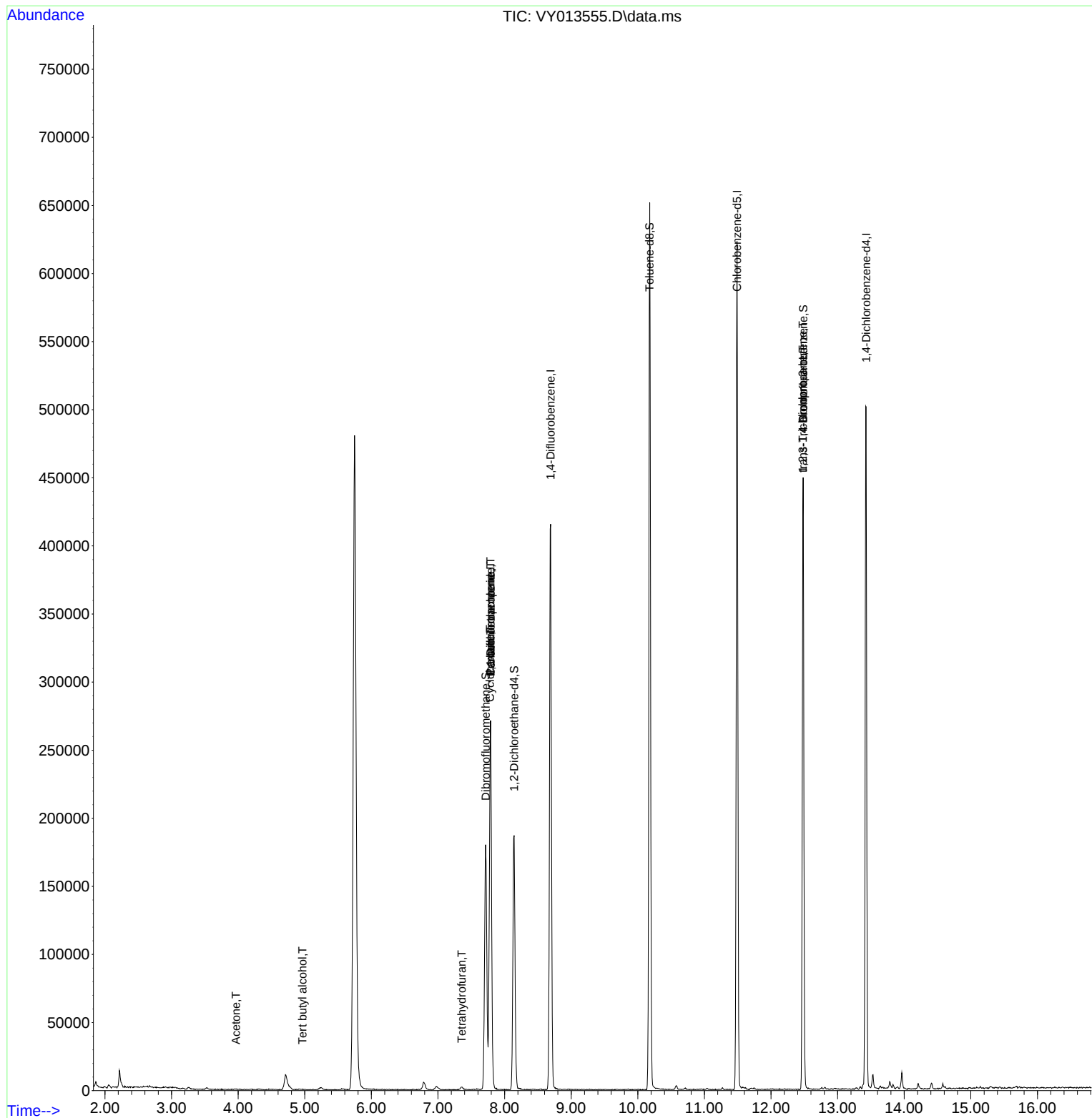
Internal Standards						
1) Pentafluorobenzene	7.789	168	210189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	348976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152256	66.079	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.160%			
35) Dibromofluoromethane	7.716	113	124022	56.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.000%			
50) Toluene-d8	10.179	98	422412	54.099	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.200%			
62) 4-Bromofluorobenzene	12.483	95	123367	46.866	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.740%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	233	1.545	ug/l #	89
13) Acrolein	3.729	56	20	Below Cal	#	16
16) Acetone	3.966	43	1138	1.254	ug/l #	43
20) Methylene Chloride	4.716	84	7418	Below Cal	#	82
29) Tetrahydrofuran	7.356	42	1553	2.168	ug/l #	69
31) Cyclohexane	7.783	56	5475	1.327	ug/l #	36
36) 1,1-Dichloropropene	7.789	75	16257	4.463	ug/l #	49
38) Carbon Tetrachloride	7.789	117	20856	5.463	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	67483	37.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67483	77.278	ug/l #	13

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

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ClientSampleId :
B-21-SB01

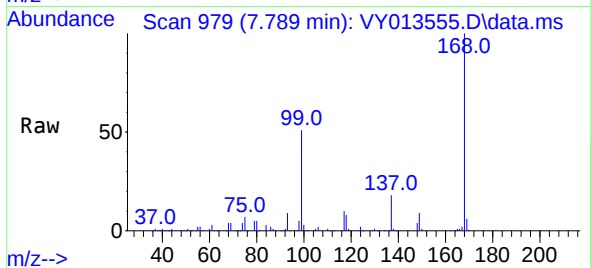
Quant Time: May 03 01:33:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration



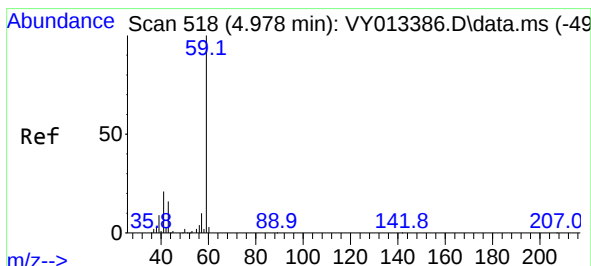
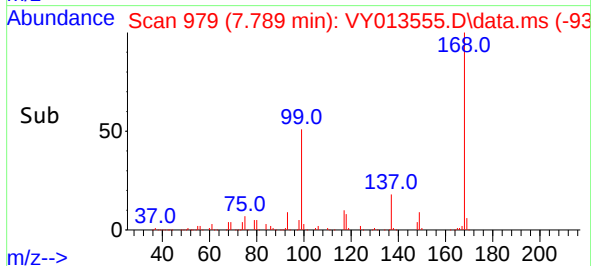
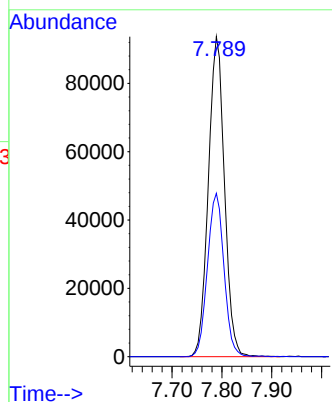


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
B-21-SB01

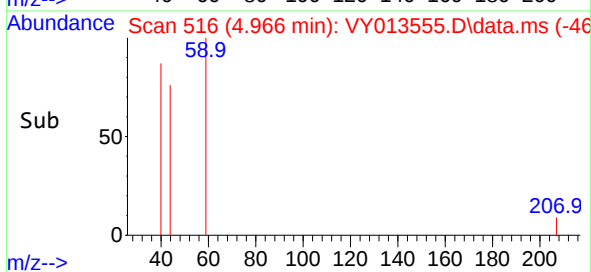
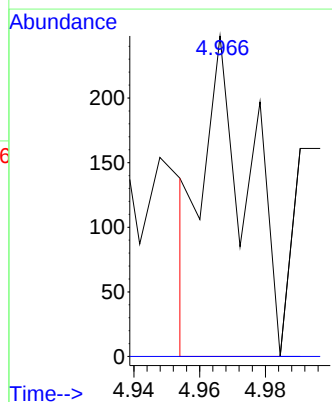
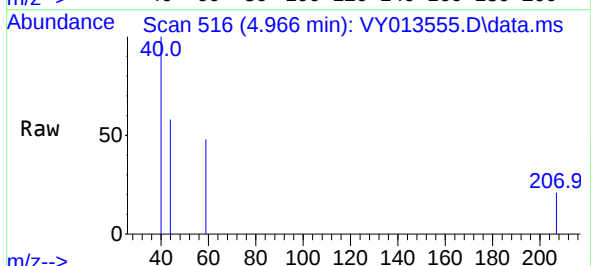


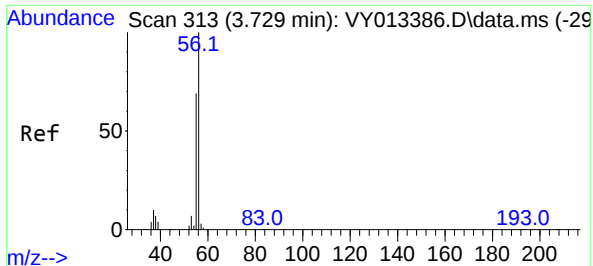
Tgt Ion:168 Resp: 210189
Ion Ratio Lower Upper
168 100
99 51.1 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.545 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

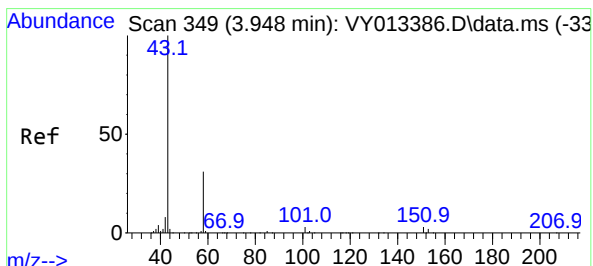
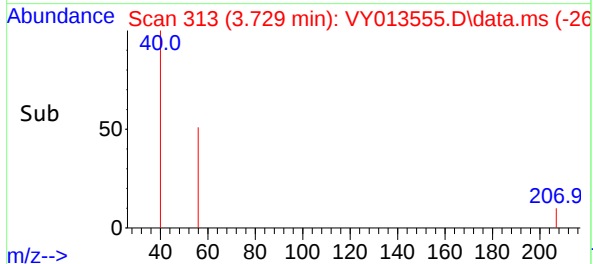
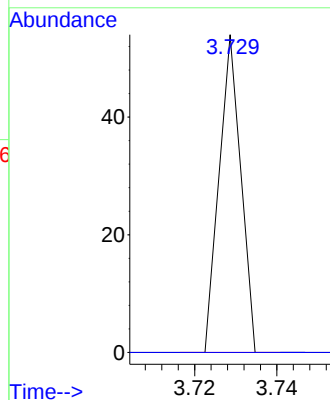
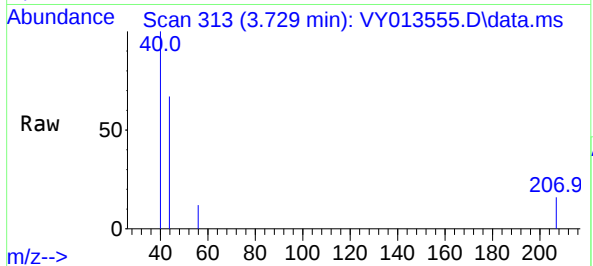




#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

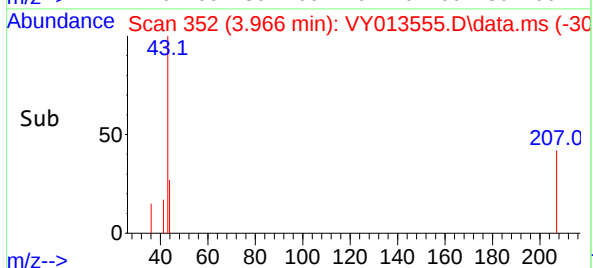
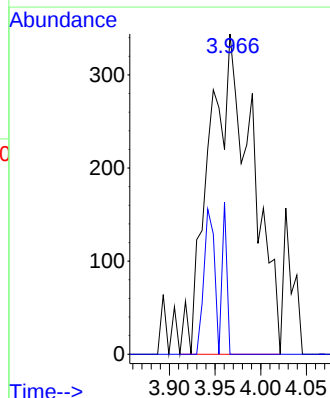
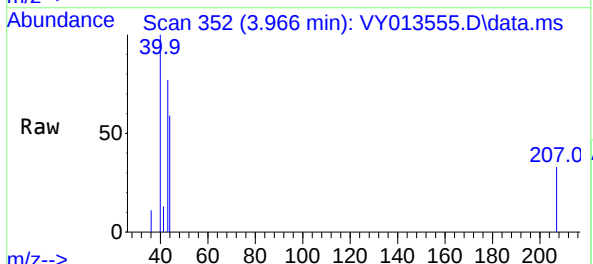
Instrument :
MSVOA_Y
ClientSampleId :
B-21-SB01

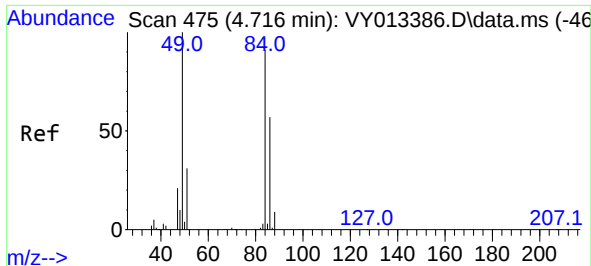
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 1.254 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

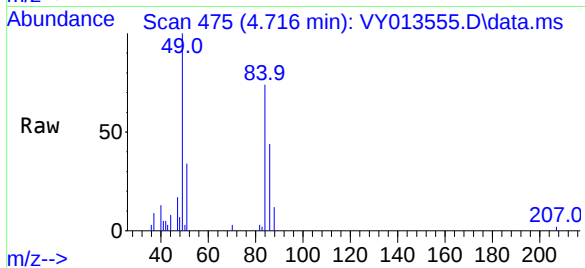
Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



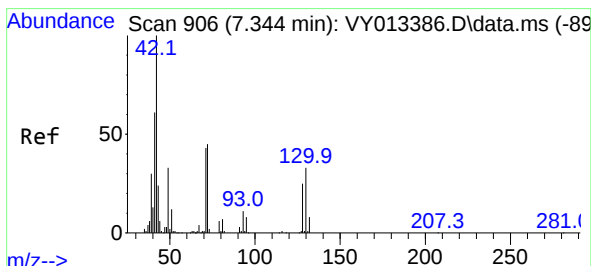
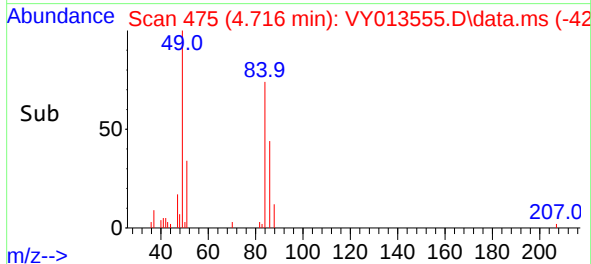
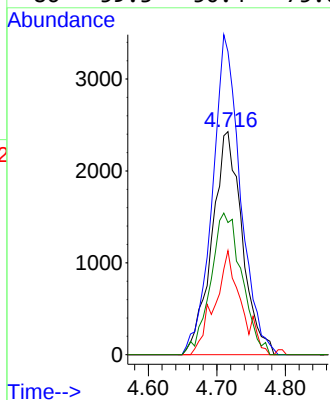


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
B-21-SB01

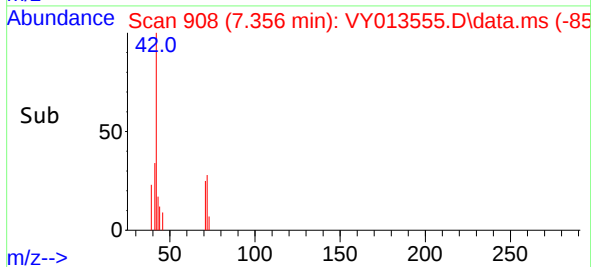
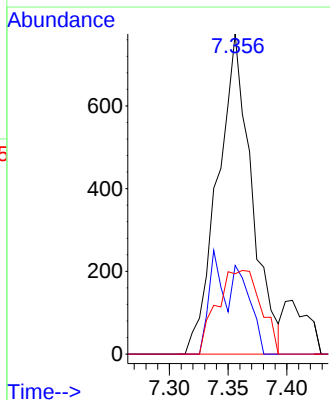
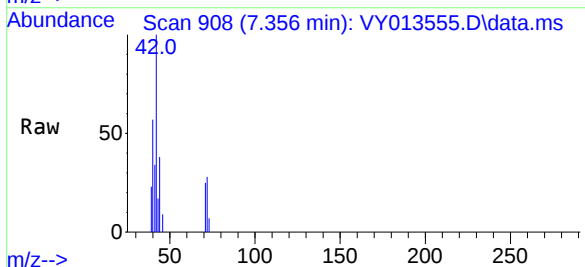


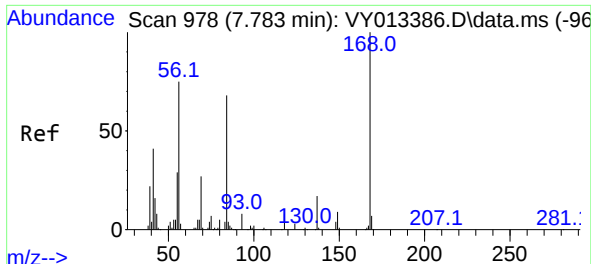
Tgt Ion: 84 Resp: 7418
Ion Ratio Lower Upper
84 100
49 135.9 88.0 132.0#
51 46.7 27.4 41.0#
86 59.3 50.4 75.6



#29
Tetrahydrofuran
Concen: 2.168 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

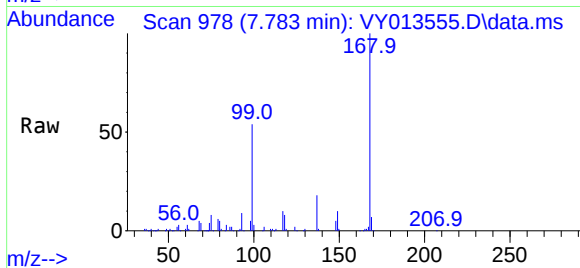
Tgt Ion: 42 Resp: 1553
Ion Ratio Lower Upper
42 100
72 14.5 35.9 53.9#
71 33.7 34.3 51.5#



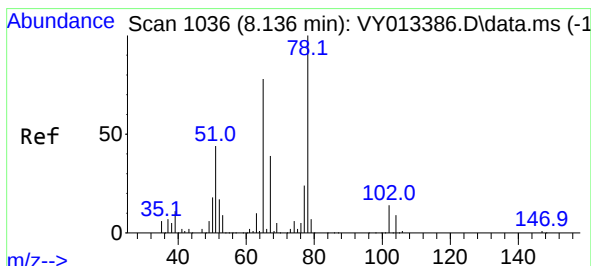
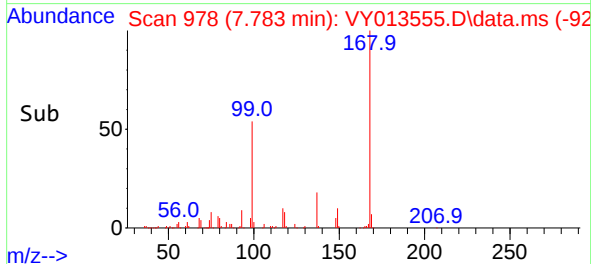
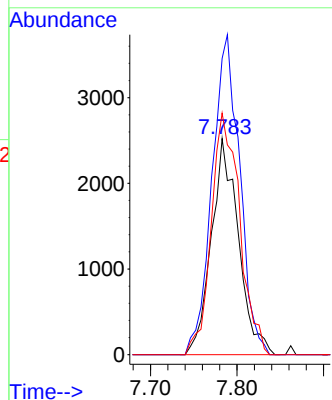


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
B-21-SB01

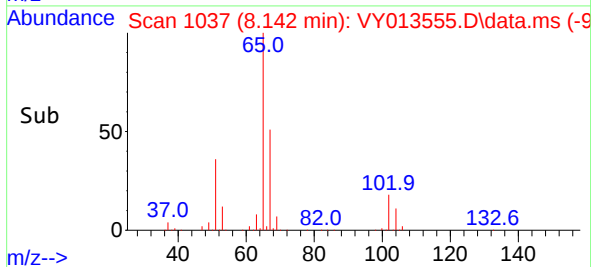
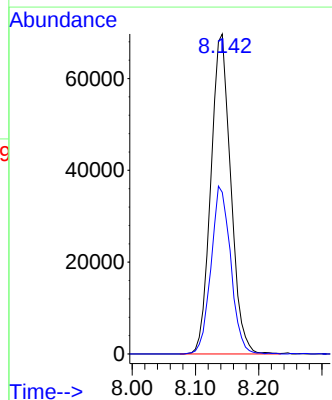
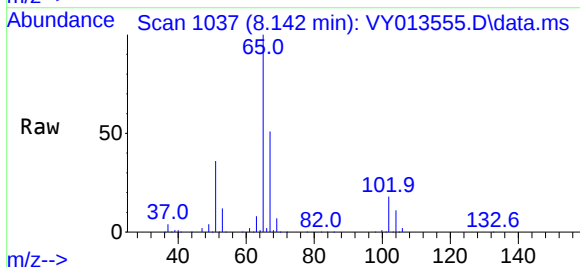


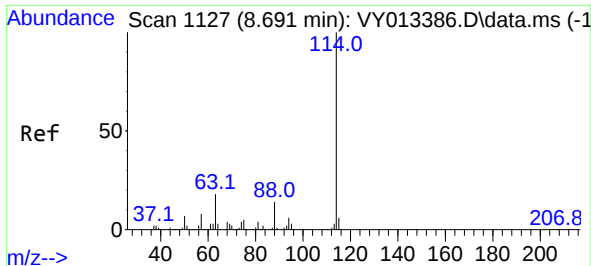
Tgt Ion: 56 Resp: 5475
Ion Ratio Lower Upper
56 100
69 137.0 29.2 43.8#
84 111.8 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 66.079 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Tgt Ion: 65 Resp: 152256
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013555.D

Acq: 02 May 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

B-21-SB01

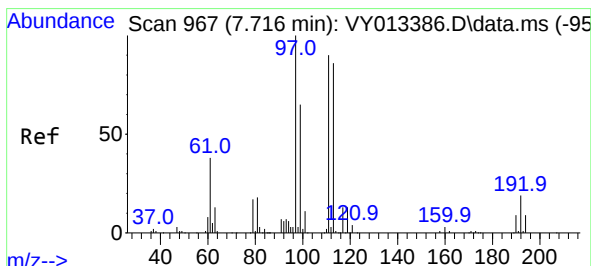
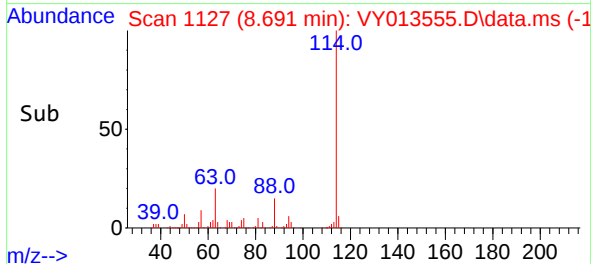
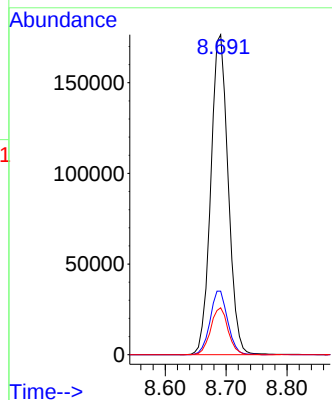
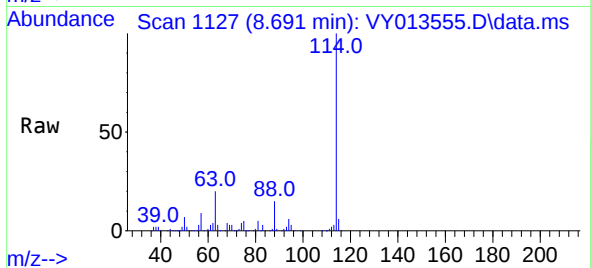
Tgt Ion:114 Resp: 348976

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.6

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 56.505 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013555.D

Acq: 02 May 2023 14:36

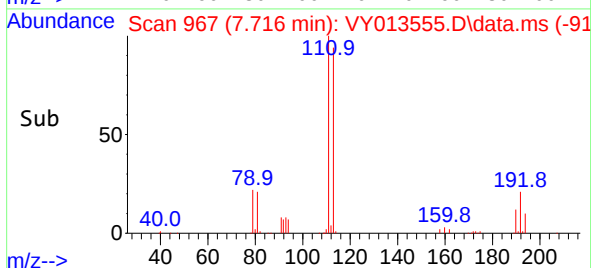
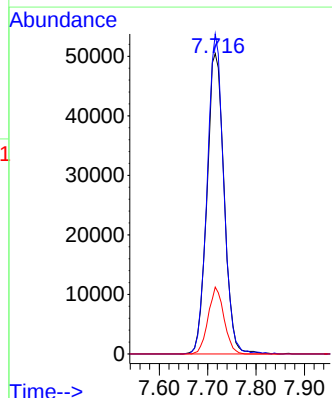
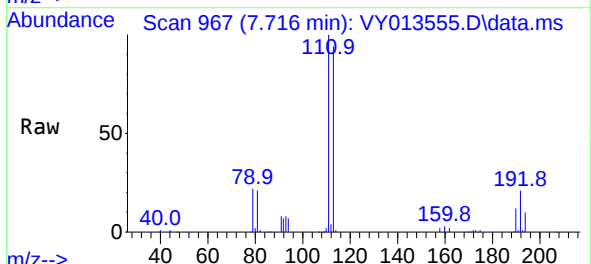
Tgt Ion:113 Resp: 124022

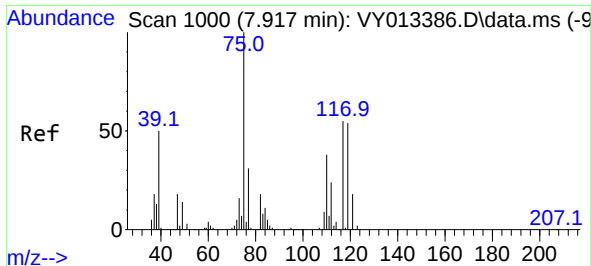
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 20.6 16.7 25.1

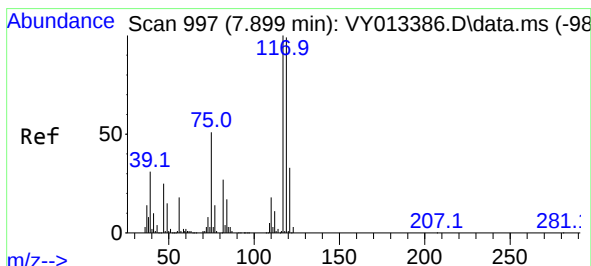
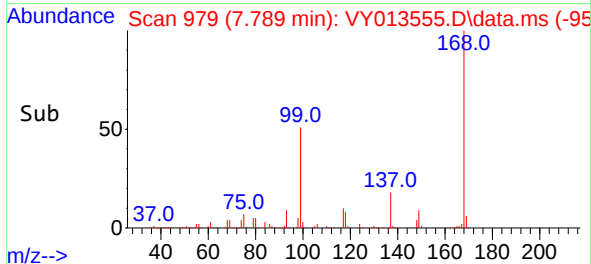
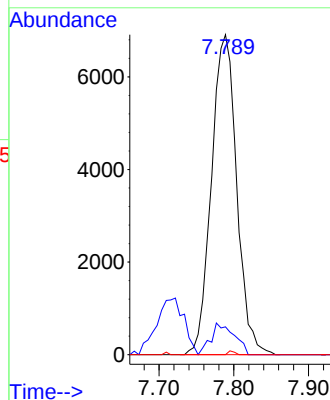
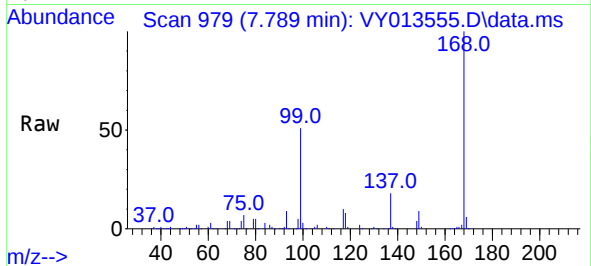




#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

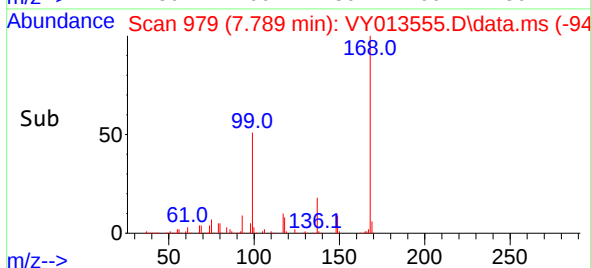
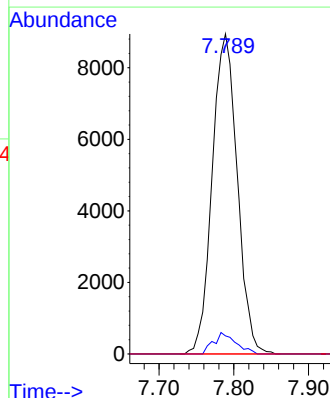
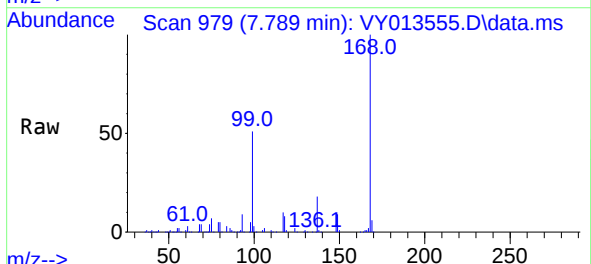
Instrument :
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B-21-SB01

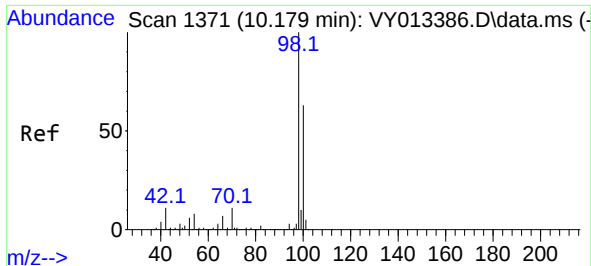
Tgt Ion: 75 Resp: 16257
Ion Ratio Lower Upper
75 100
110 9.2 18.7 56.1#
77 0.3 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.463 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Tgt Ion: 117 Resp: 20856
Ion Ratio Lower Upper
117 100
119 5.6 79.0 118.6#
121 0.0 26.6 40.0#

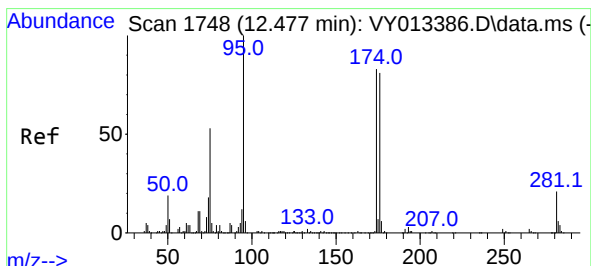
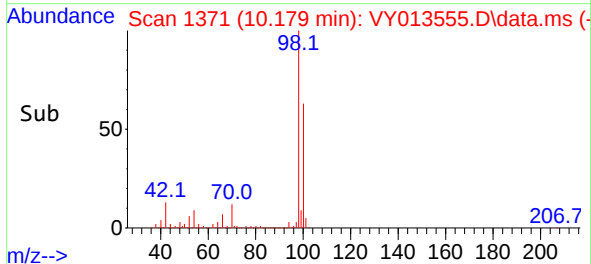
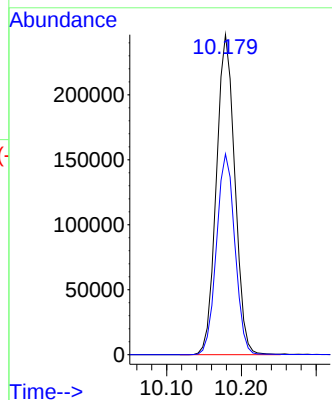
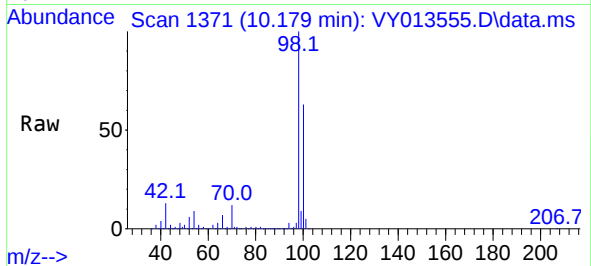




#50
Toluene-d8
Concen: 54.099 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

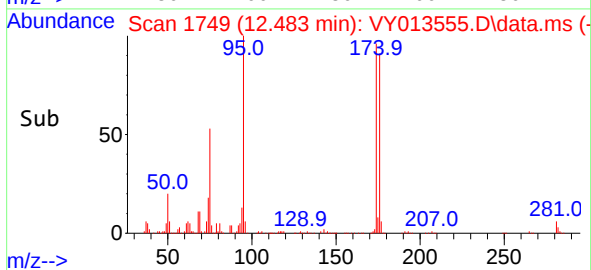
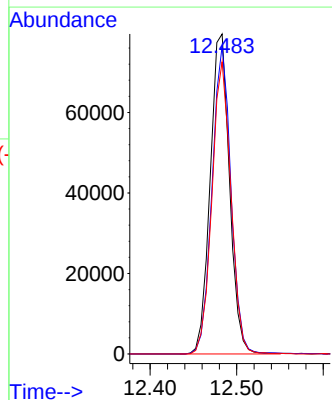
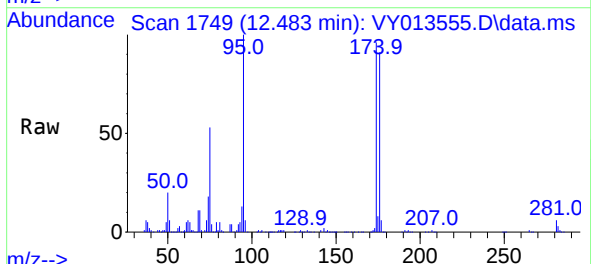
Instrument :
MSVOA_Y
ClientSampleId :
B-21-SB01

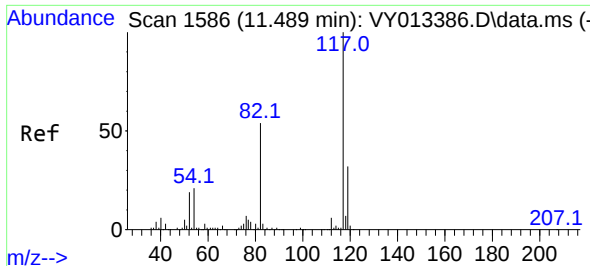
Tgt Ion: 98 Resp: 422412
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.866 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Tgt Ion: 95 Resp: 123367
Ion Ratio Lower Upper
95 100
174 94.2 0.0 182.0
176 89.7 0.0 175.4

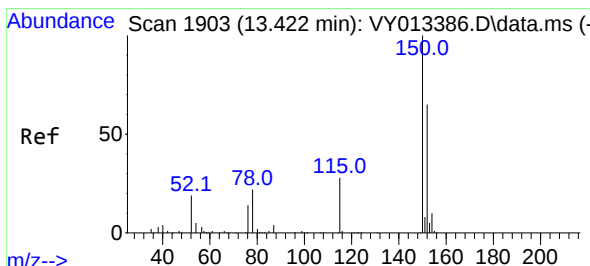
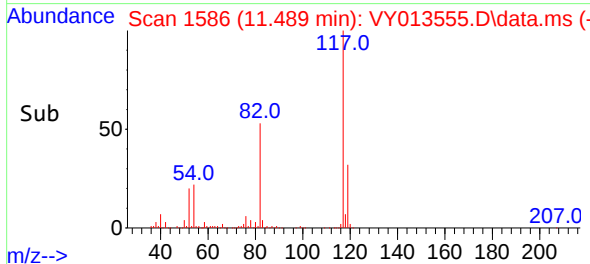
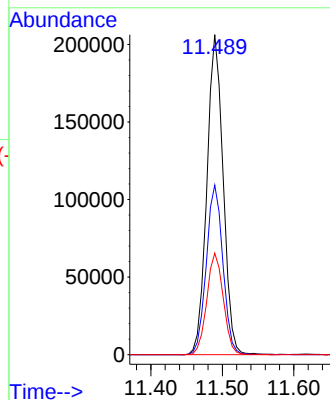
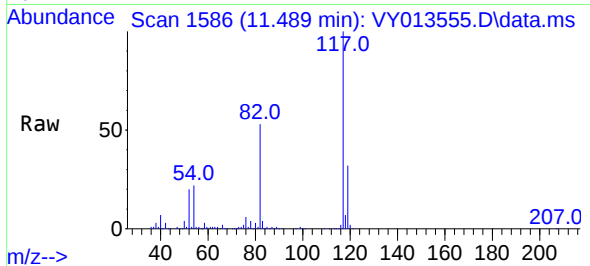




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

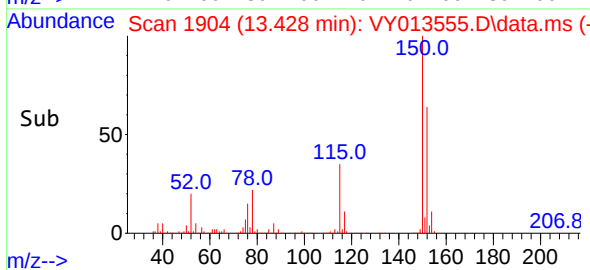
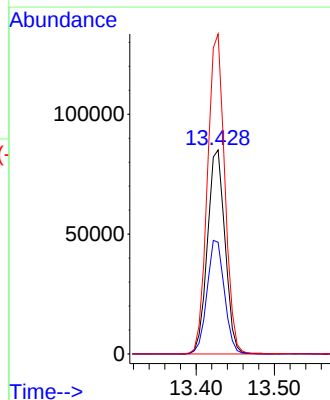
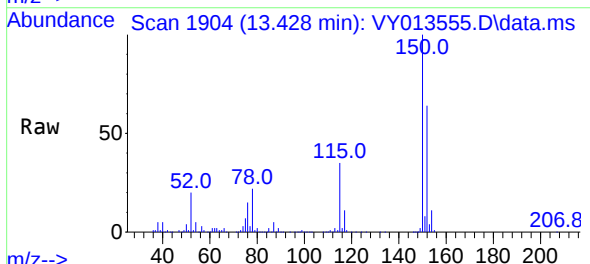
Instrument :
MSVOA_Y
ClientSampleId :
B-21-SB01

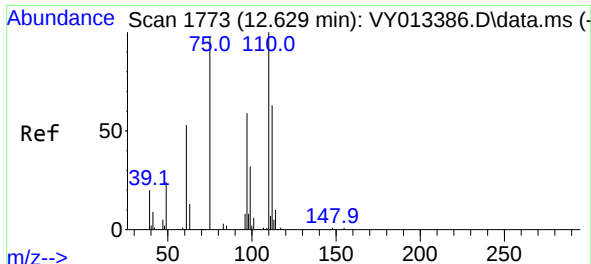
Tgt Ion:117 Resp: 326049
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.6
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Tgt Ion:152 Resp: 132452
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.2
150 154.5 0.0 352.0

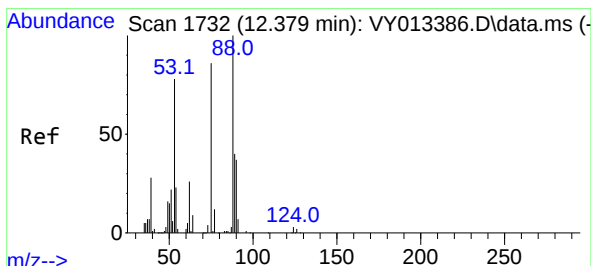
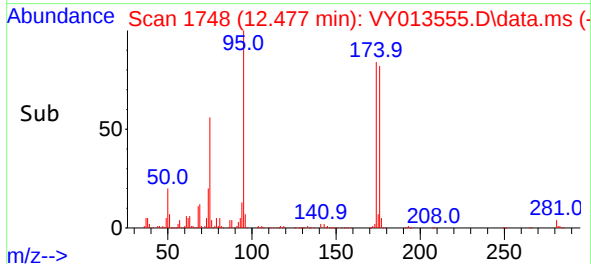
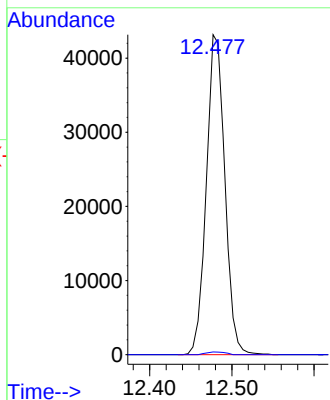
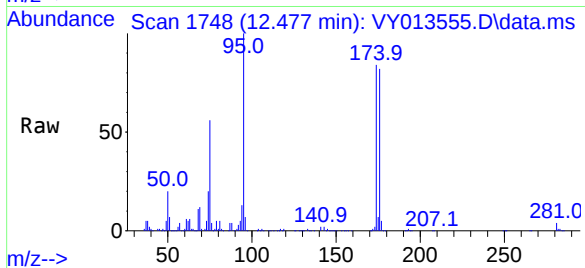




#76
1,2,3-Trichloropropane
Concen: 37.779 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
B-21-SB01

Tgt Ion: 75 Resp: 67483
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.278 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013555.D
Acq: 02 May 2023 14:36

Tgt Ion: 75 Resp: 67483
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.2 38.0 57.0#

