

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012377.D
 Acq On : 27 Jan 2023 12:41
 Operator : KP/MD
 Sample : VY0127SBL07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBL07

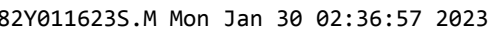
Quant Time: Jan 30 02:36:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

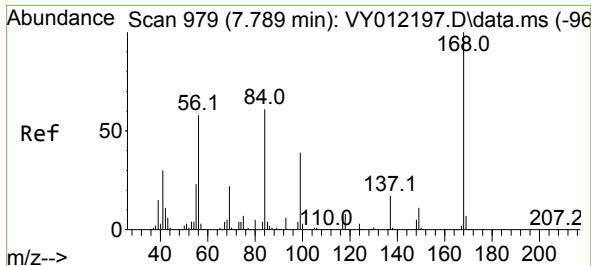
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	165736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	266120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96648	72.090	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.180%			
35) Dibromofluoromethane	7.716	113	79422	54.129	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.260%			
50) Toluene-d8	10.179	98	327123	65.706	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 131.420%			
62) 4-Bromofluorobenzene	12.483	95	105490	51.000	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.000%			
Target Compounds						
11) Tert butyl alcohol	4.924	59	1274	Below Cal	#	74
16) Acetone	3.948	43	709	1.536	ug/l	94
20) Methylene Chloride	4.710	84	10757	Below Cal	#	77
25) 2-Butanone	6.984	43	1414	2.775	ug/l	# 75
31) Cyclohexane	7.789	56	3019	1.249	ug/l	# 39
36) 1,1-Dichloropropene	7.789	75	11315	4.537	ug/l	# 51
37) Ethyl Acetate	6.984	43	1414	1.286	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	16265	5.050	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	57881	52.122	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	57881	107.395	ug/l	# 13

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

Quant Time: Jan 30 02:36:37 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

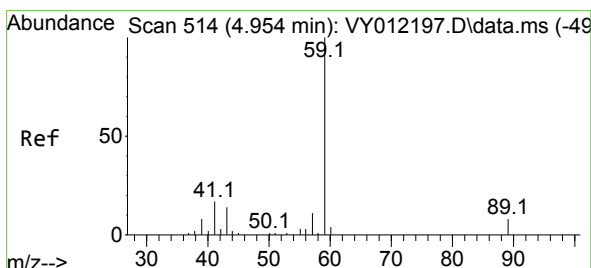
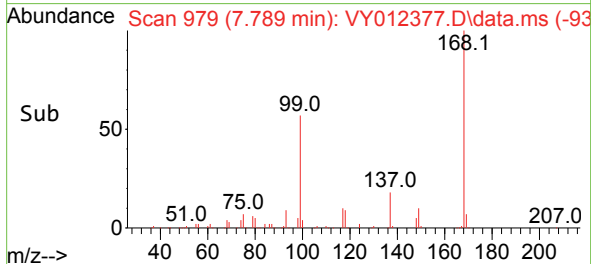
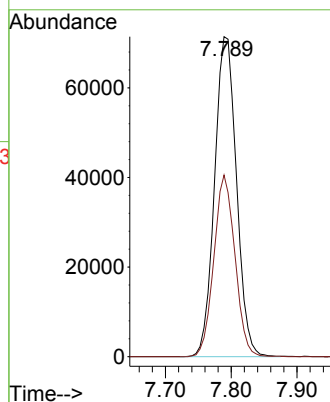
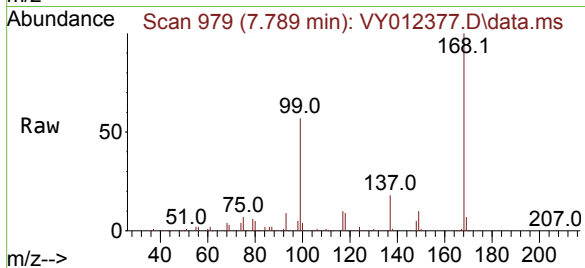




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012377.D
Acq: 27 Jan 2023 12:41

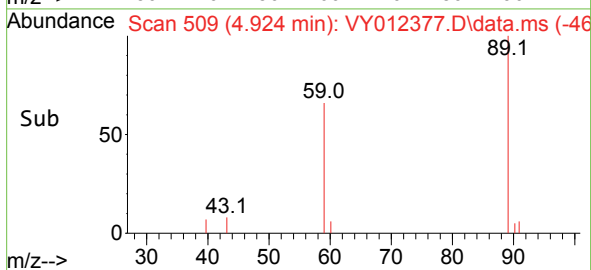
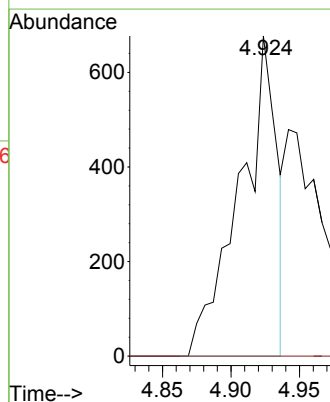
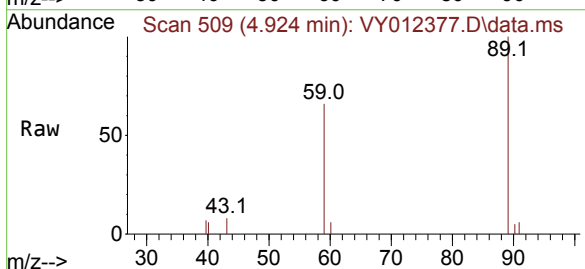
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBL07

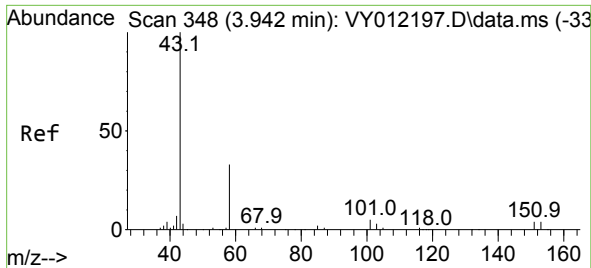
Tgt Ion:168 Resp: 165736
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012377.D
Acq: 27 Jan 2023 12:41

Tgt Ion: 59 Resp: 1274
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

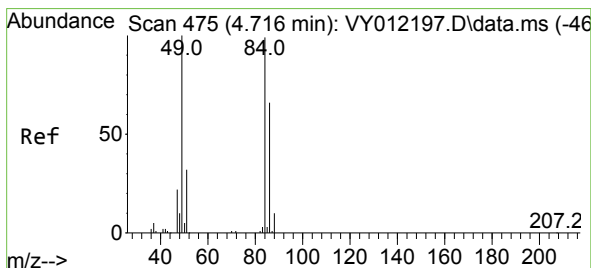
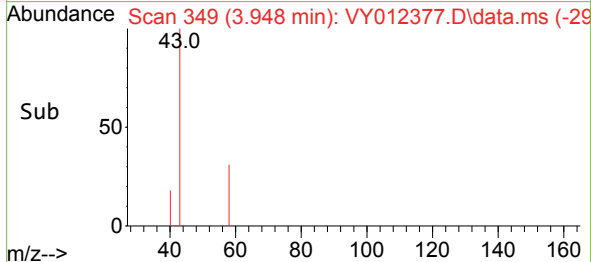
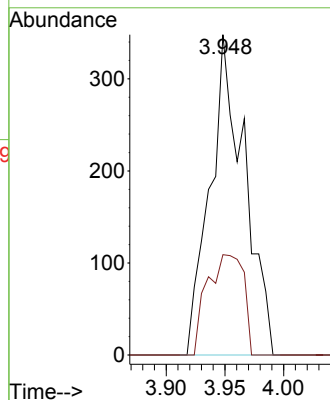
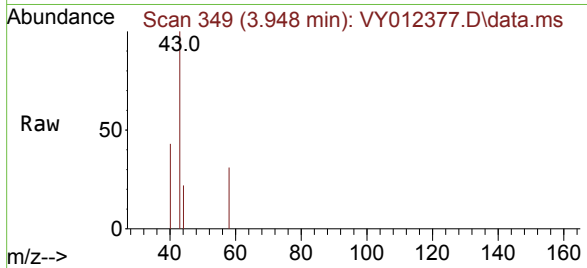




#16
Acetone
Concen: 1.536 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012377.D
Acq: 27 Jan 2023 12:41

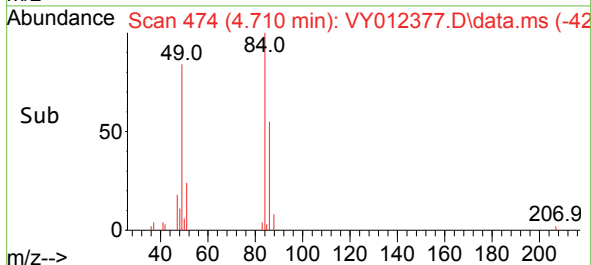
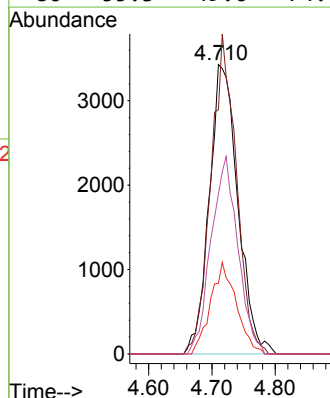
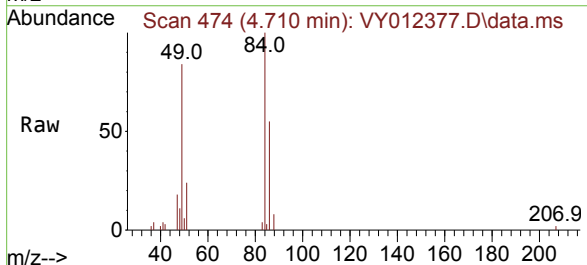
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBL07

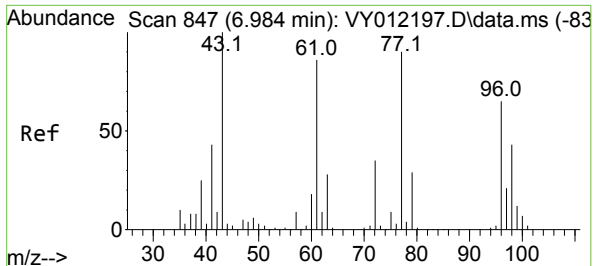
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 31.3 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012377.D
Acq: 27 Jan 2023 12:41

Tgt Ion: 84 Resp: 10757
Ion Ratio Lower Upper
84 100
49 84.4 95.4 143.2#
51 24.4 29.9 44.9#
86 55.3 49.6 74.4





#25

2-Butanone

Concen: 2.775 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012377.D

Acq: 27 Jan 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

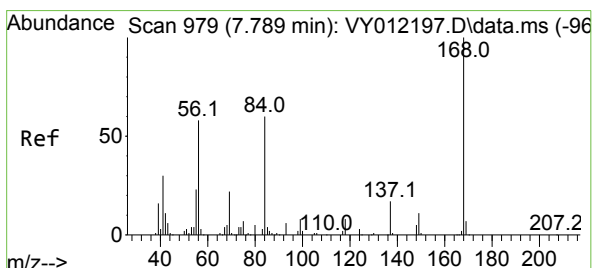
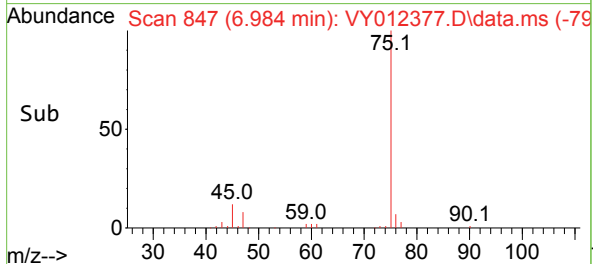
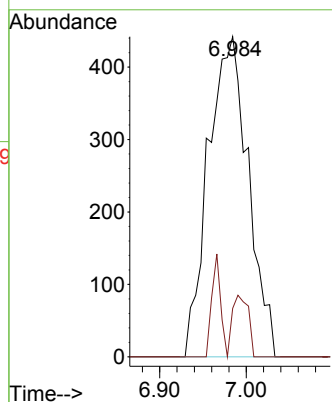
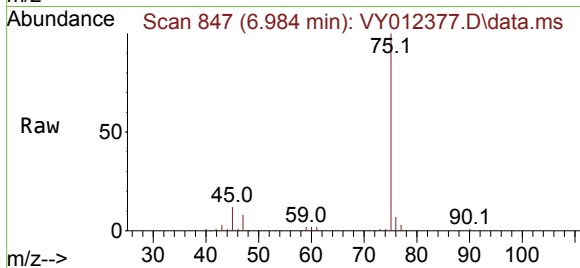
VY0127SBL07

Tgt Ion: 43 Resp: 1414

Ion Ratio Lower Upper

43 100

72 15.2 22.6 34.0#



#31

Cyclohexane

Concen: 1.249 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012377.D

Acq: 27 Jan 2023 12:41

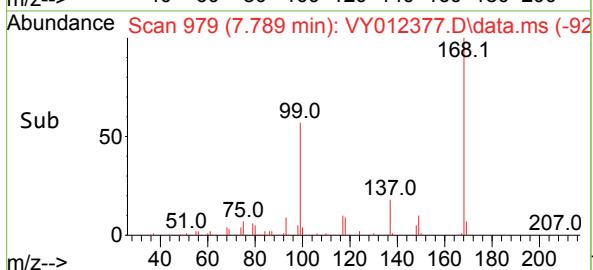
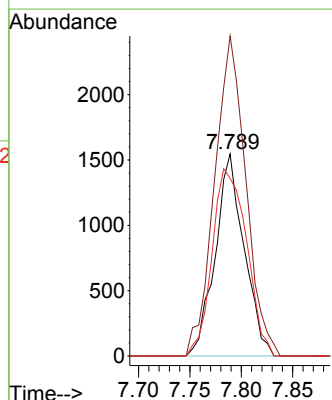
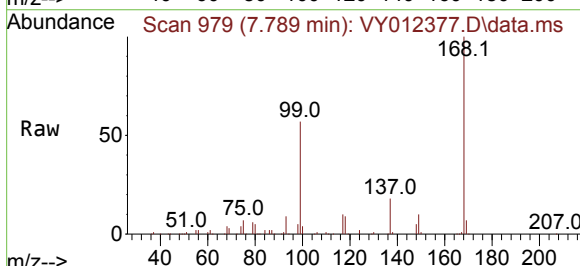
Tgt Ion: 56 Resp: 3019

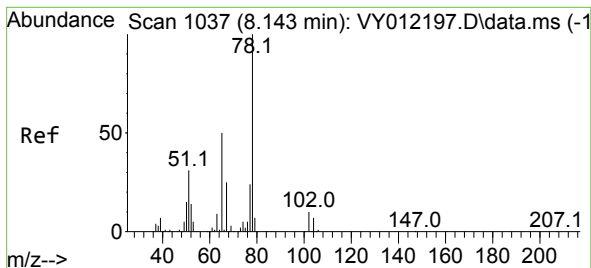
Ion Ratio Lower Upper

56 100

69 158.3 29.2 43.8#

84 87.8 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 72.090 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012377.D

Acq: 27 Jan 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

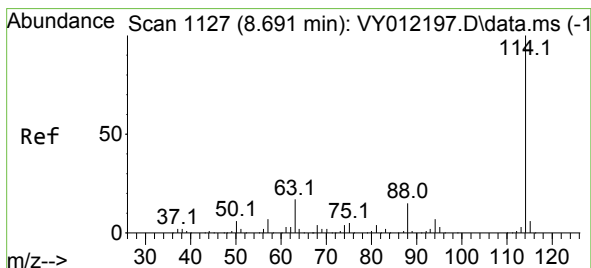
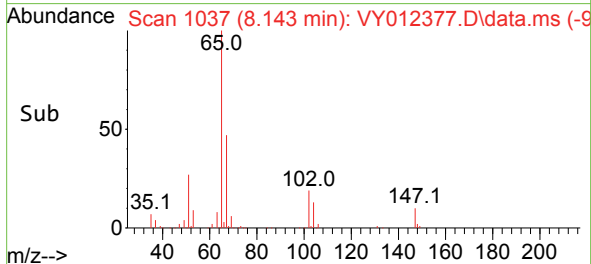
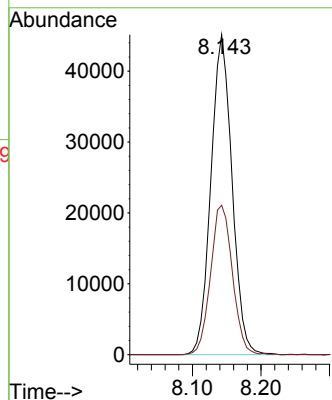
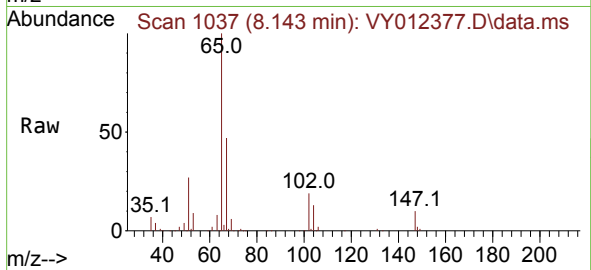
VY0127SBL07

Tgt Ion: 65 Resp: 96648

Ion Ratio Lower Upper

65 100

67 48.3 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: VY012377.D

Acq: 27 Jan 2023 12:41

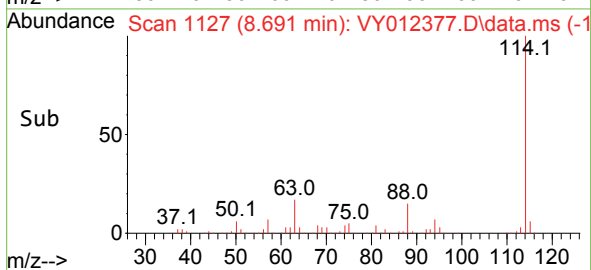
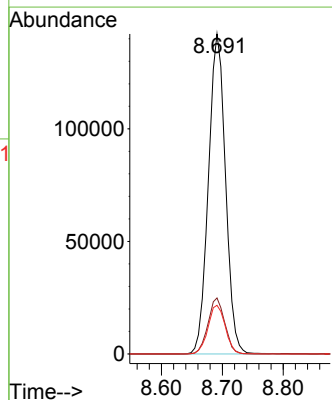
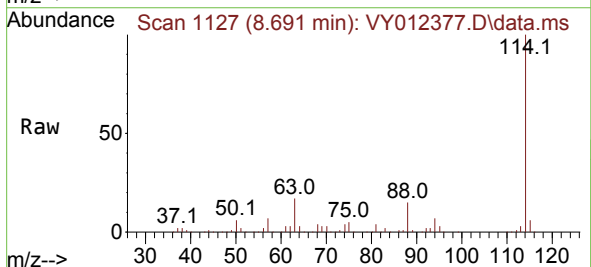
Tgt Ion:114 Resp: 277107

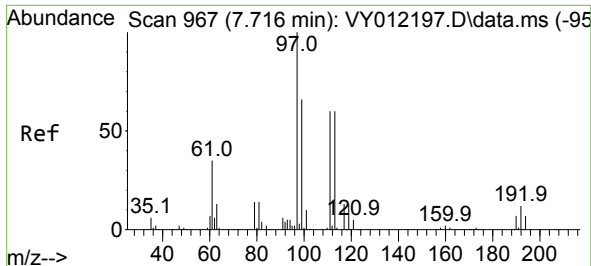
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 15.2 0.0 32.2

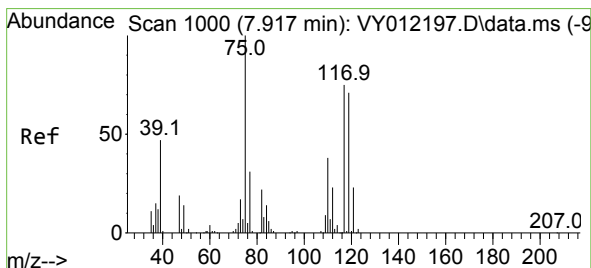
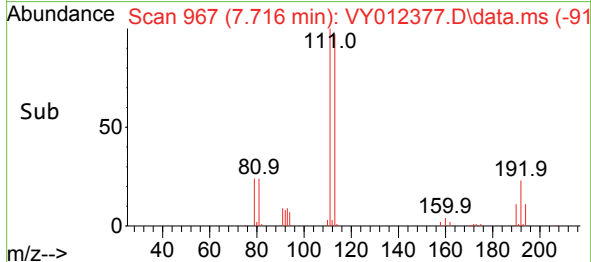
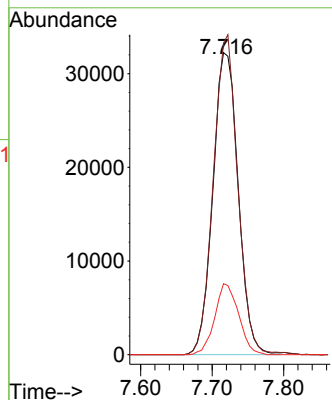
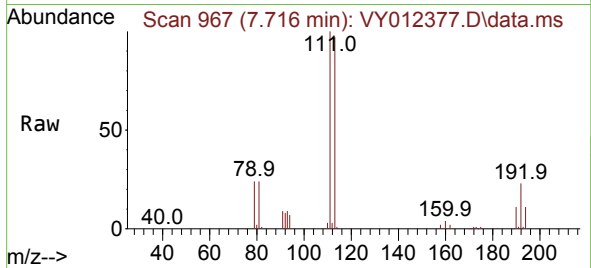




#35
Dibromofluoromethane
Concen: 54.129 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012377.D
Acq: 27 Jan 2023 12:41

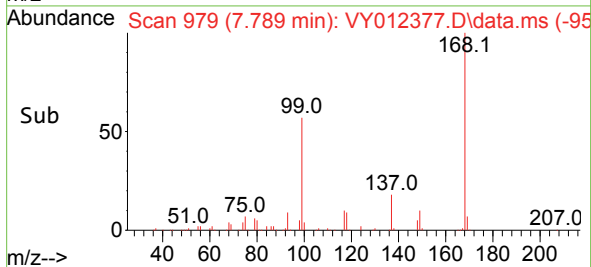
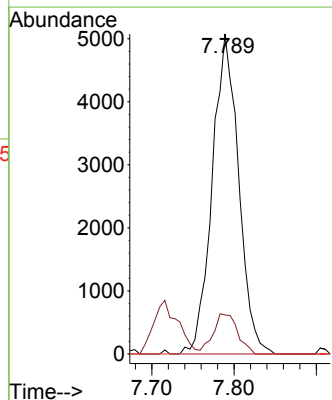
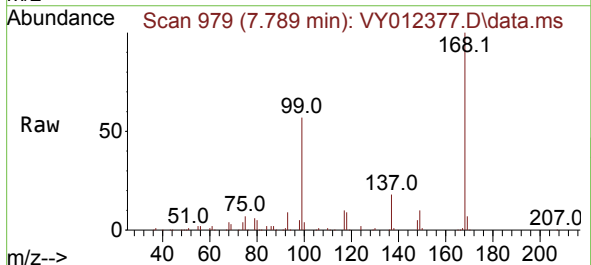
Instrument :
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VY0127SBL07

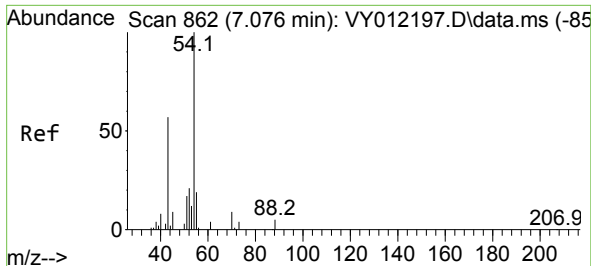
Tgt Ion:113 Resp: 79422
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 22.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.537 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012377.D
Acq: 27 Jan 2023 12:41

Tgt Ion: 75 Resp: 11315
Ion Ratio Lower Upper
75 100
110 11.6 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.286 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY012377.D

Acq: 27 Jan 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBL07

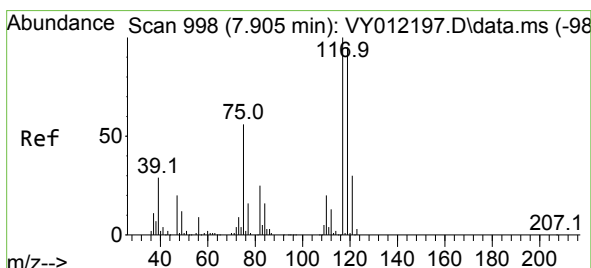
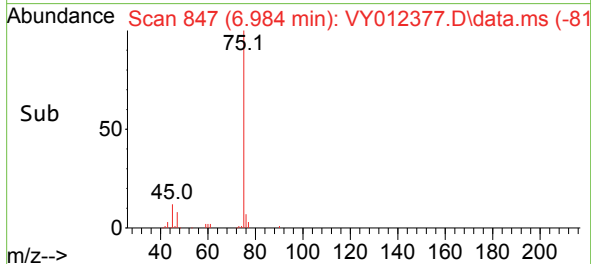
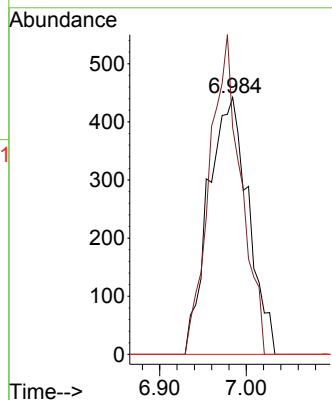
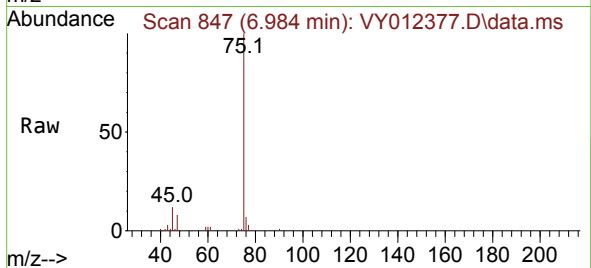
Tgt Ion: 43 Resp: 1414

Ion Ratio Lower Upper

43 100

61 98.2 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.050 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012377.D

Acq: 27 Jan 2023 12:41

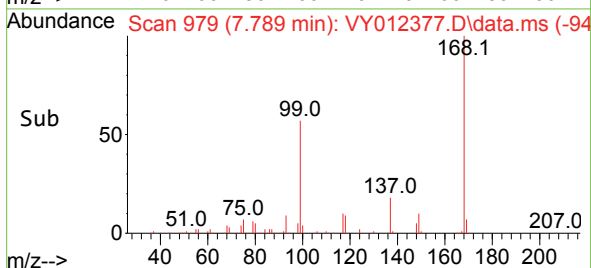
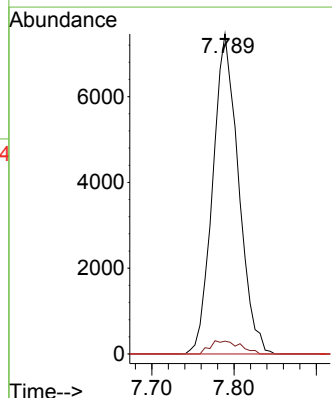
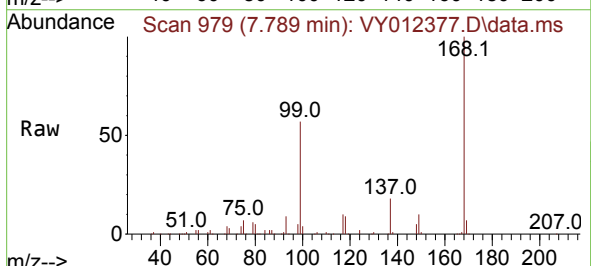
Tgt Ion: 117 Resp: 16265

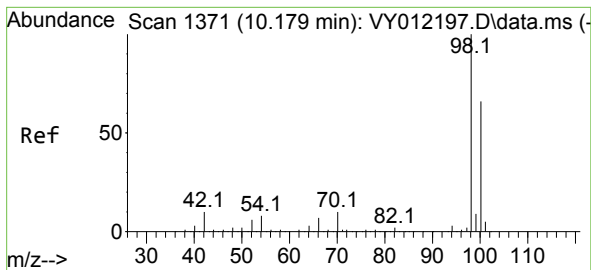
Ion Ratio Lower Upper

117 100

119 4.0 73.8 110.8#

121 0.0 25.2 37.8#

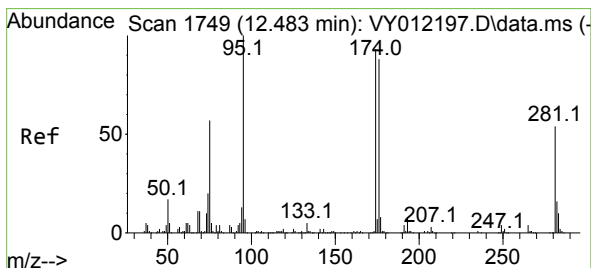
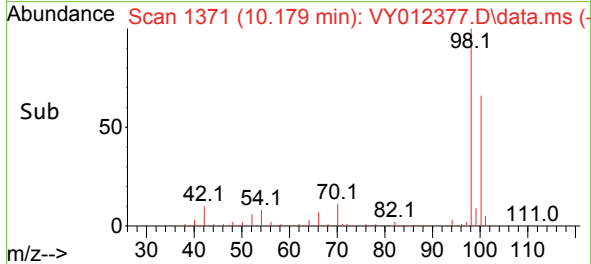
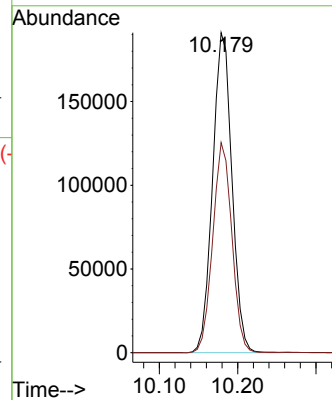
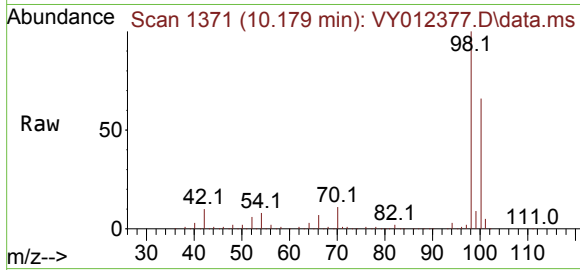




#50
Toluene-d8
Concen: 65.706 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012377.D
Acq: 27 Jan 2023 12:41

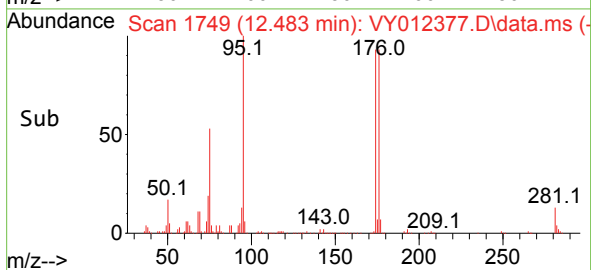
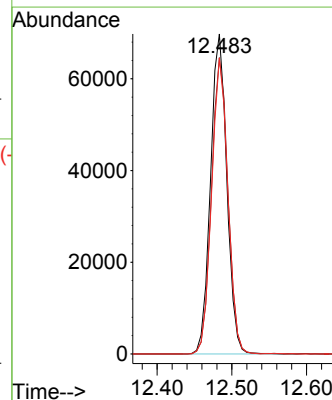
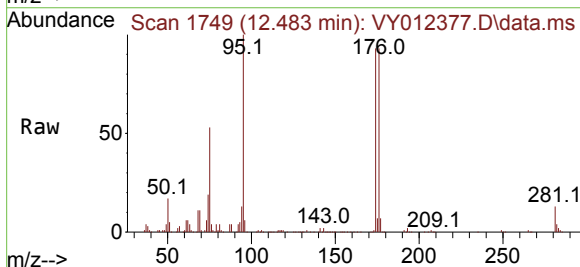
Instrument :
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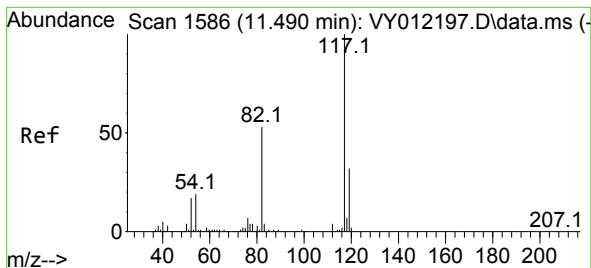
Tgt Ion: 98 Resp: 327123
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012377.D
Acq: 27 Jan 2023 12:41

Tgt Ion: 95 Resp: 105490
Ion Ratio Lower Upper
95 100
174 93.9 0.0 172.0
176 92.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012377.D

Acq: 27 Jan 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBL07

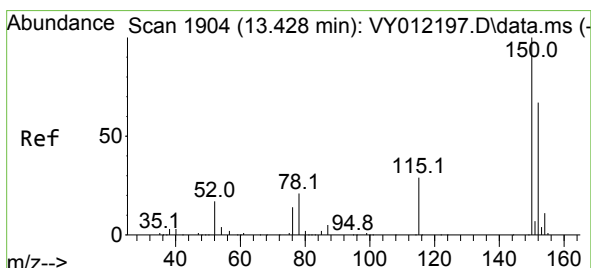
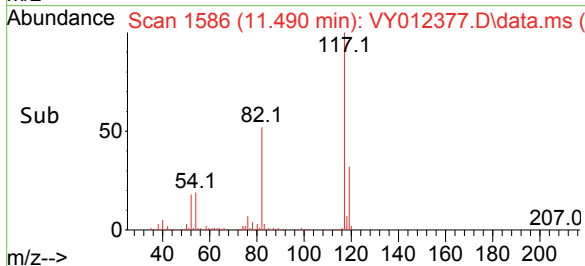
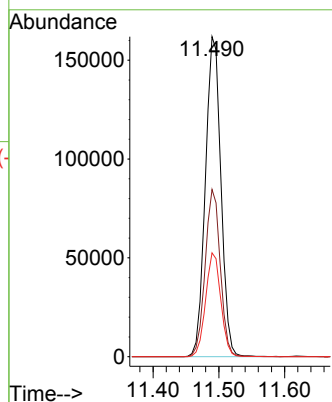
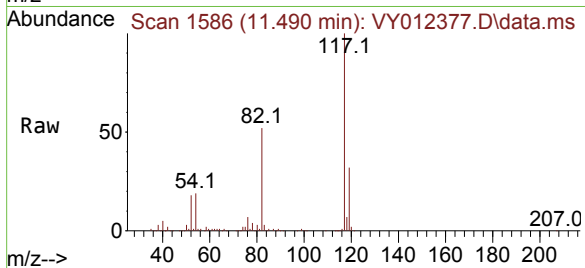
Tgt Ion:117 Resp: 266120

Ion Ratio Lower Upper

117 100

82 52.3 44.8 67.2

119 32.4 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: VY012377.D

Acq: 27 Jan 2023 12:41

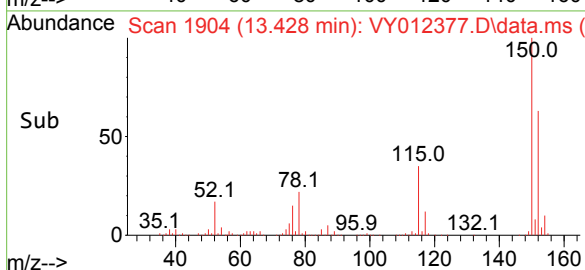
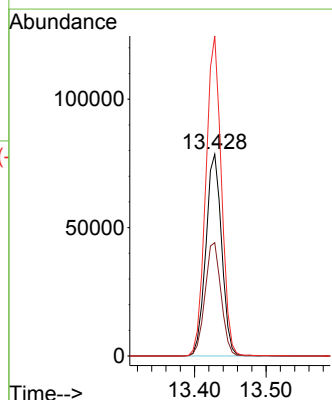
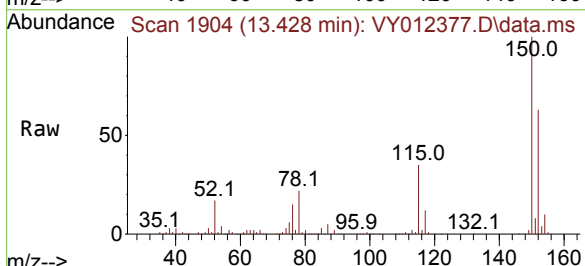
Tgt Ion:152 Resp: 120766

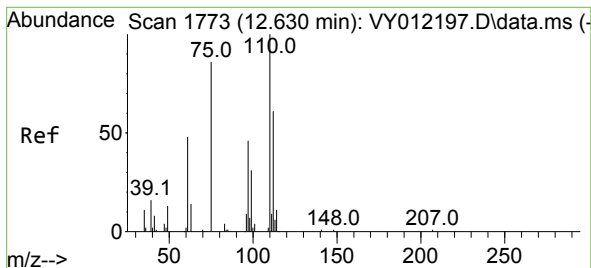
Ion Ratio Lower Upper

152 100

115 56.9 29.1 87.3

150 156.4 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 52.122 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY012377.D

Acq: 27 Jan 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

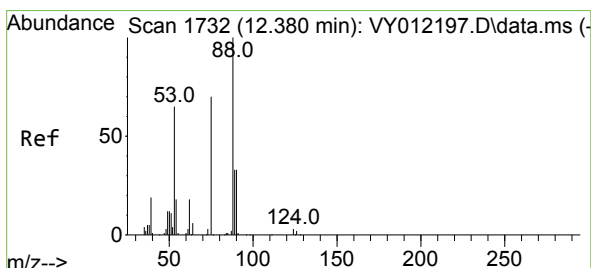
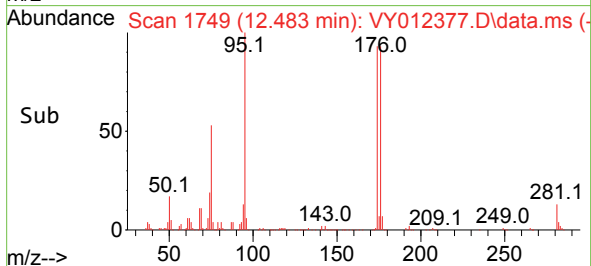
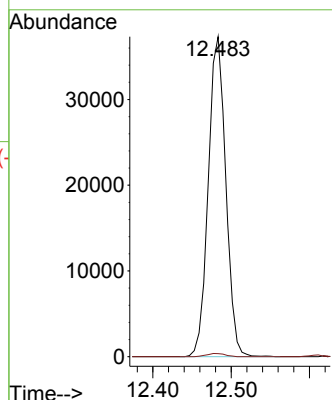
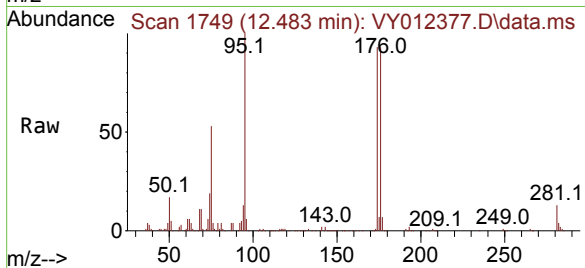
VY0127SBL07

Tgt Ion: 75 Resp: 57881

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.395 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.109 min

Lab File: VY012377.D

Acq: 27 Jan 2023 12:41

Tgt Ion: 75 Resp: 57881

Ion Ratio Lower Upper

75 100

53 0.0 72.5 108.7#

89 0.1 37.0 55.4#

