

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012412.D
 Acq On : 31 Jan 2023 12:07
 Operator : KP/MD
 Sample : VY0131SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL06

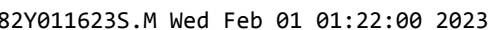
Quant Time: Feb 01 01:21:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	167533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98817	72.966	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.940%			
35) Dibromofluoromethane	7.716	113	82170	55.446	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.900%			
50) Toluene-d8	10.179	98	328185	65.234	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 130.460%			
62) 4-Bromofluorobenzene	12.483	95	107914	51.655	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.320%			
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	721	1.546	ug/l #	85
20) Methylene Chloride	4.716	84	11505	Below Cal	#	84
25) 2-Butanone	6.972	43	1577	3.062	ug/l #	86
31) Cyclohexane	7.789	56	3029	1.240	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	11117	4.414	ug/l #	52
37) Ethyl Acetate	6.972	43	1577	1.420	ug/l #	1
38) Carbon Tetrachloride	7.789	117	16693	5.132	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	59828	51.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59828	105.542	ug/l #	13

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

Quant Time: Feb 01 01:21:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
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QLast Update : Tue Jan 17 04:31:47 2023
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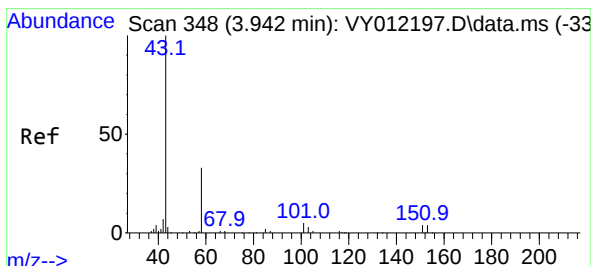
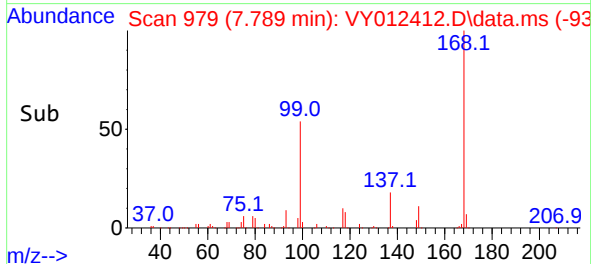
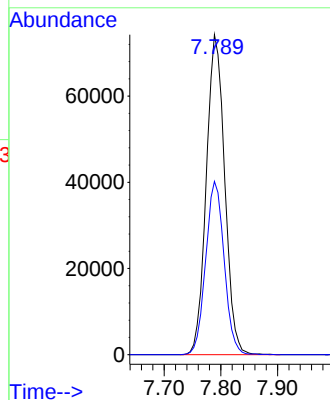
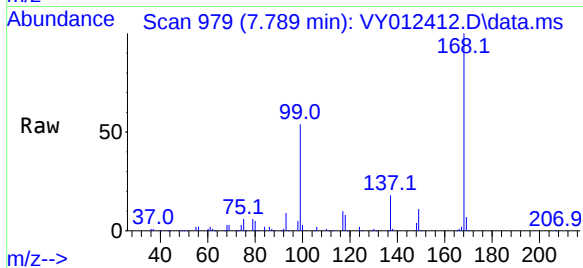




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

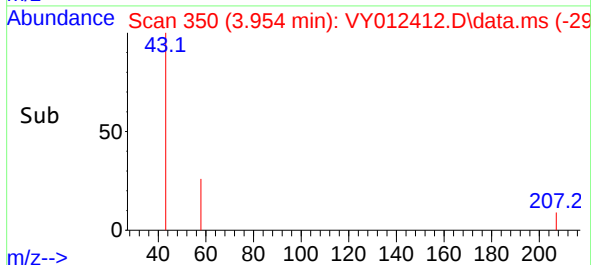
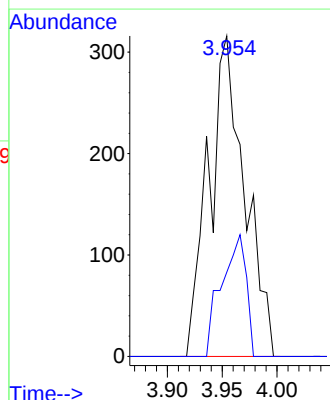
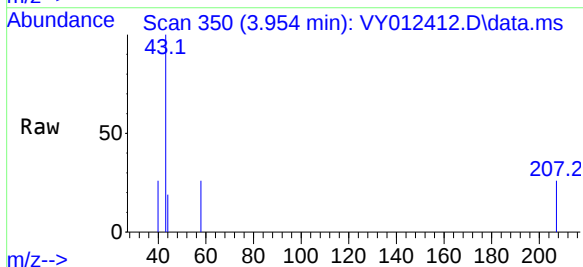
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL06

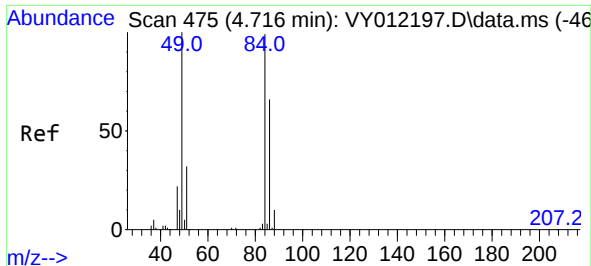
Tgt Ion:168 Resp: 167533
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#16
Acetone
Concen: 1.546 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
58 26.3 27.9 41.9#

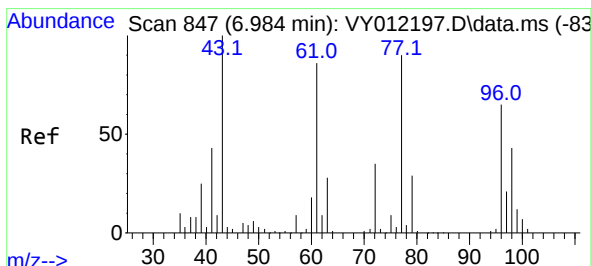
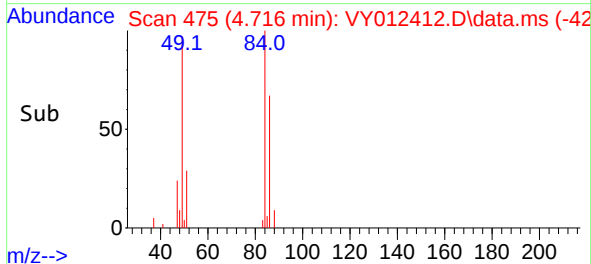
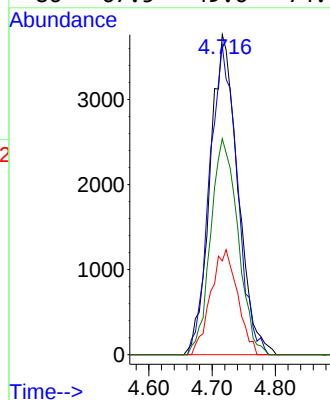
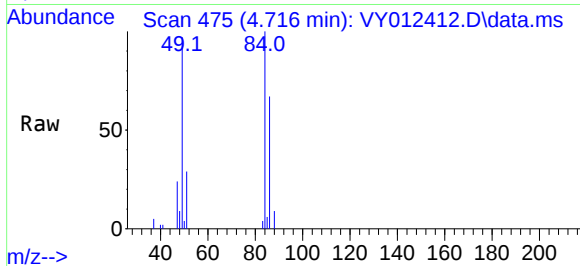




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

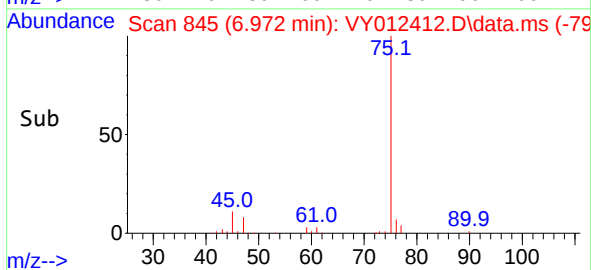
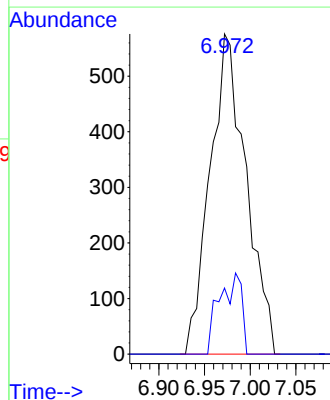
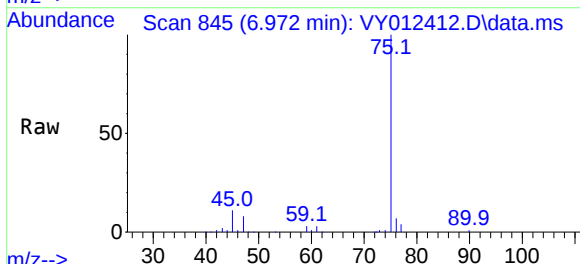
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL06

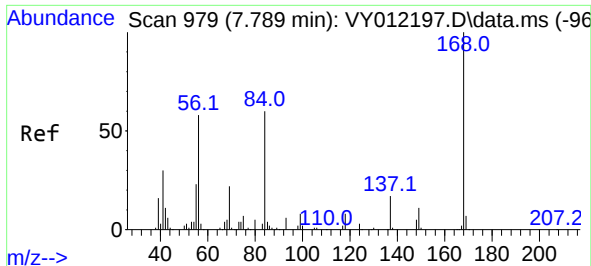
Tgt Ion:	84	Resp:	11505
Ion	Ratio	Lower	Upper
84	100		
49	96.6	95.4	143.2
51	29.3	29.9	44.9#
86	67.5	49.6	74.4



#25
2-Butanone
Concen: 3.062 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

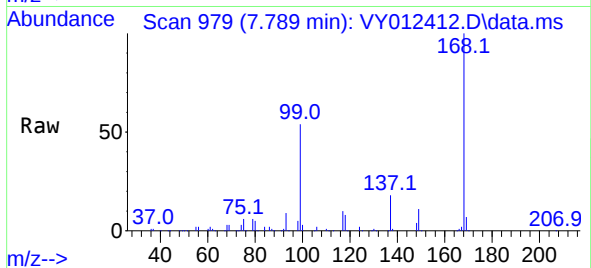
Tgt Ion:	43	Resp:	1577
Ion	Ratio	Lower	Upper
43	100		
72	20.7	22.6	34.0#



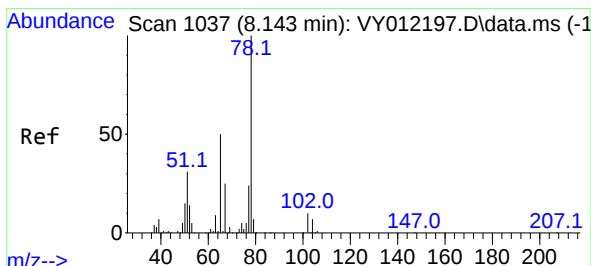
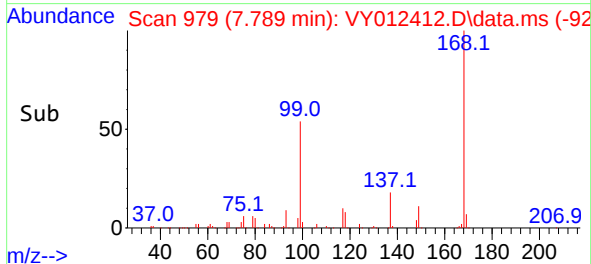
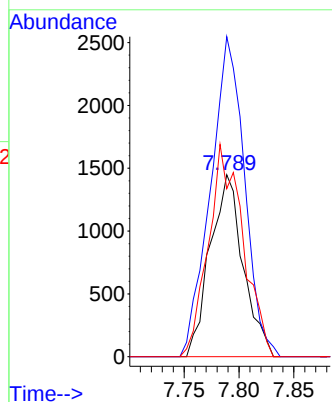


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL06

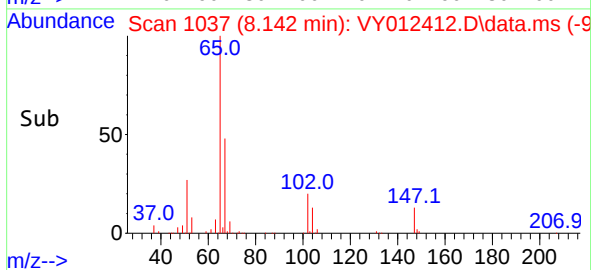
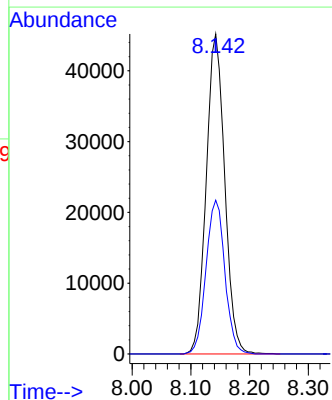
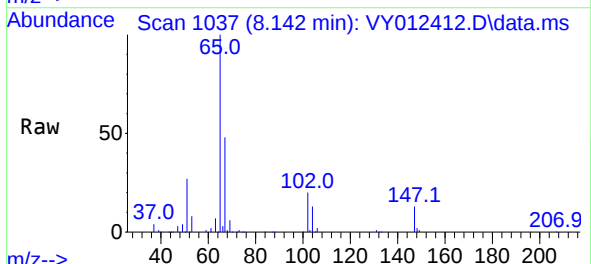


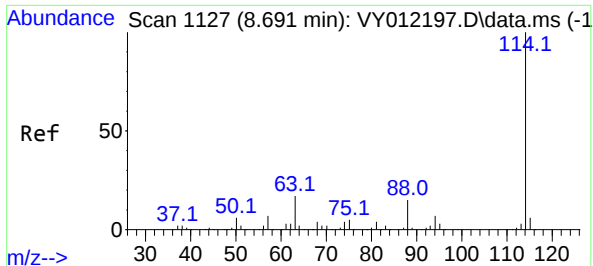
Tgt Ion: 56 Resp: 3029
Ion Ratio Lower Upper
56 100
69 175.9 29.2 43.8#
84 92.4 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 72.966 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

Tgt Ion: 65 Resp: 98817
Ion Ratio Lower Upper
65 100
67 49.0 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: VY012412.D

Acq: 31 Jan 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBL06

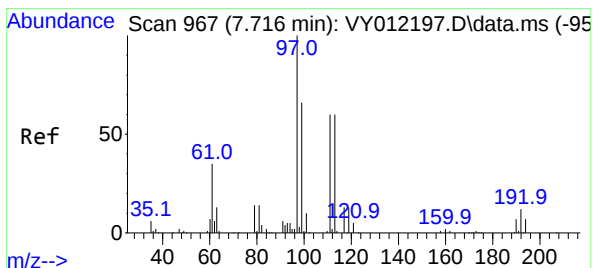
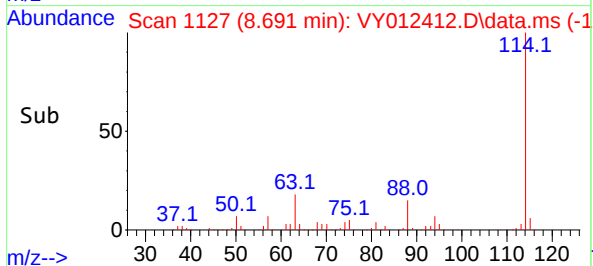
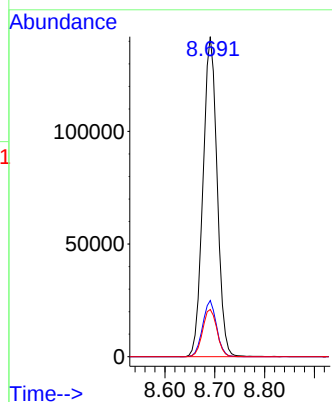
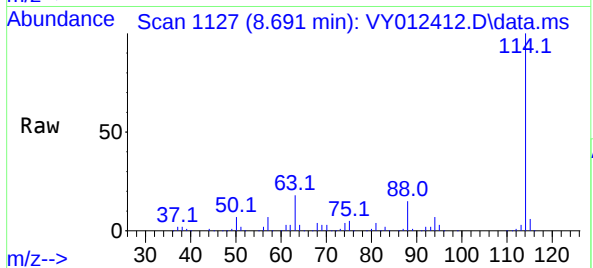
Tgt Ion:114 Resp: 279881

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.446 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012412.D

Acq: 31 Jan 2023 12:07

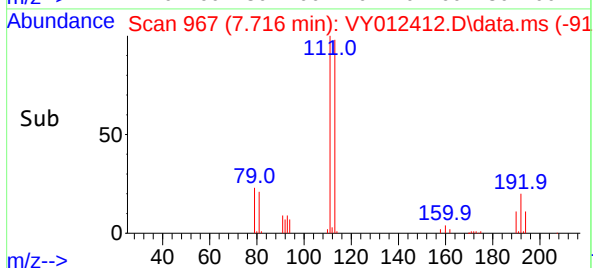
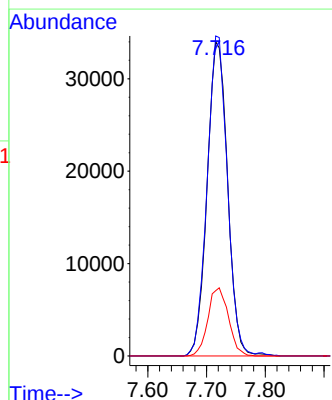
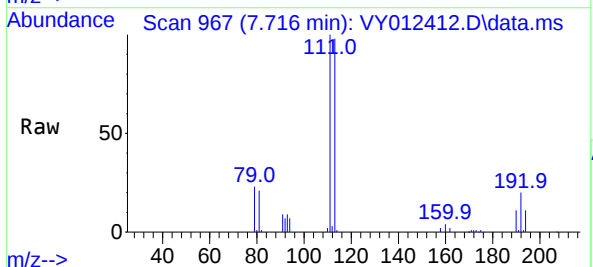
Tgt Ion:113 Resp: 82170

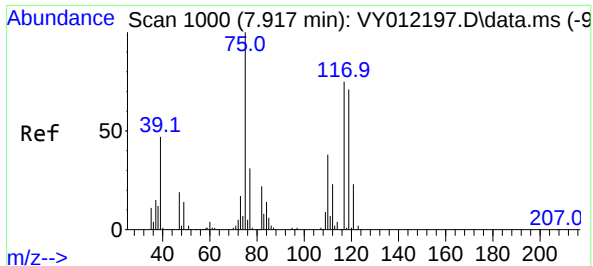
Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

192 21.8 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.414 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012412.D

Acq: 31 Jan 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBL06

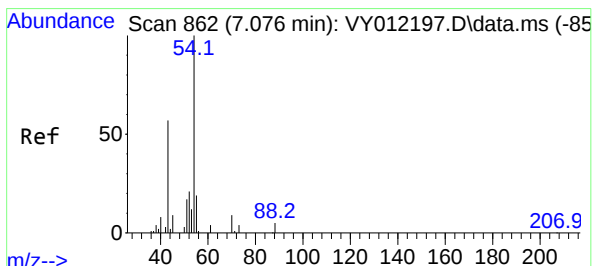
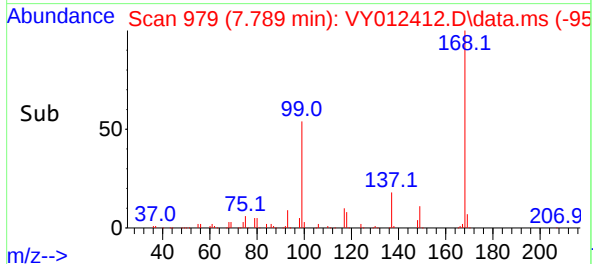
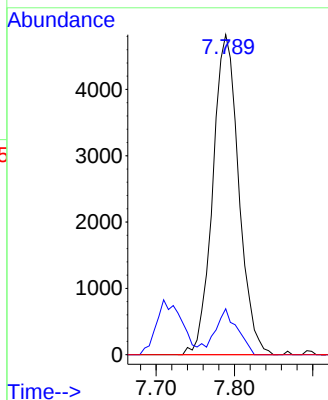
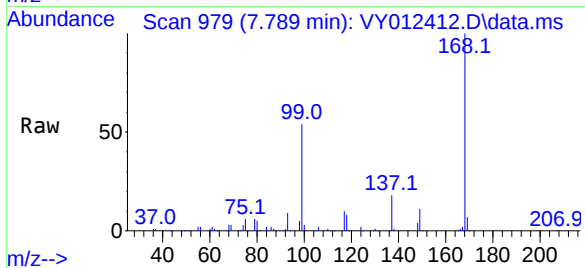
Tgt Ion: 75 Resp: 11117

Ion Ratio Lower Upper

75 100

110 12.5 18.1 54.1#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.420 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.104 min

Lab File: VY012412.D

Acq: 31 Jan 2023 12:07

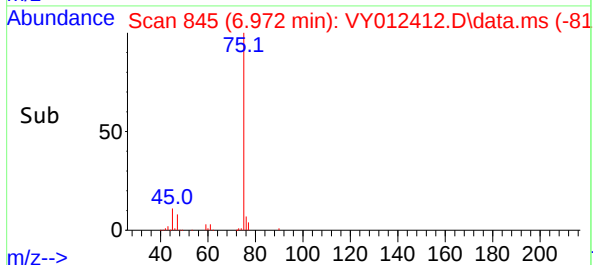
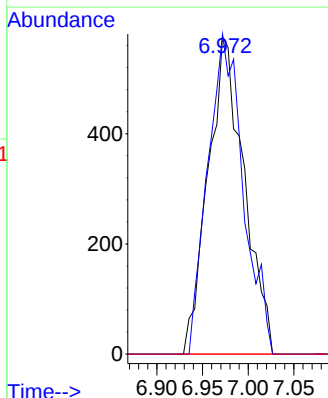
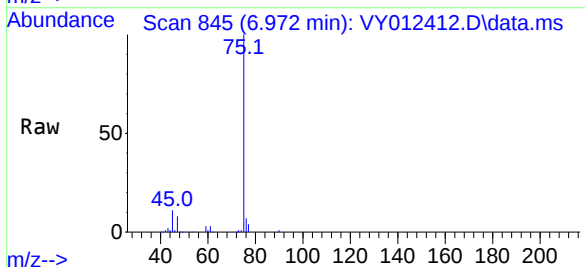
Tgt Ion: 43 Resp: 1577

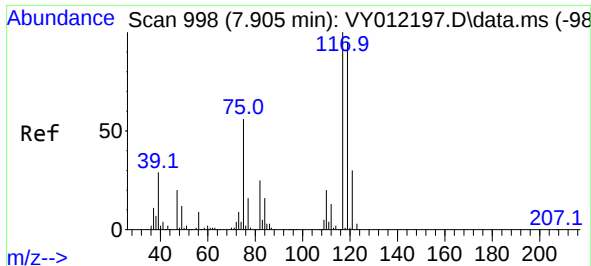
Ion Ratio Lower Upper

43 100

61 99.7 11.3 16.9#

70 0.0 8.2 12.4#

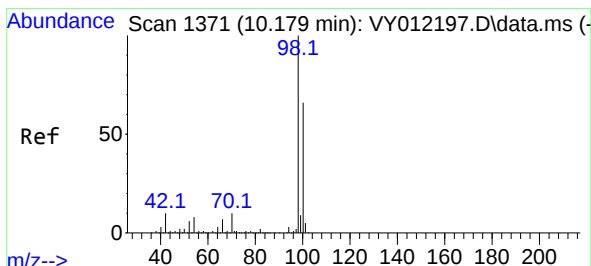
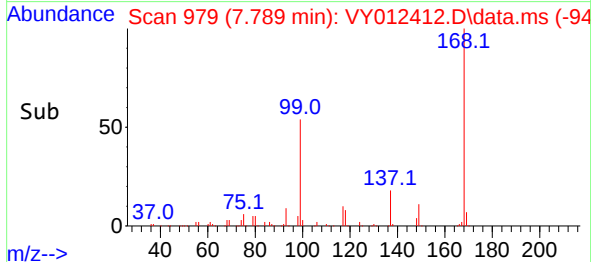
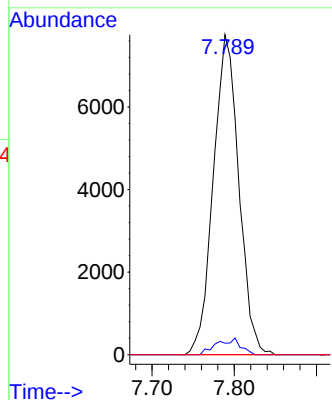
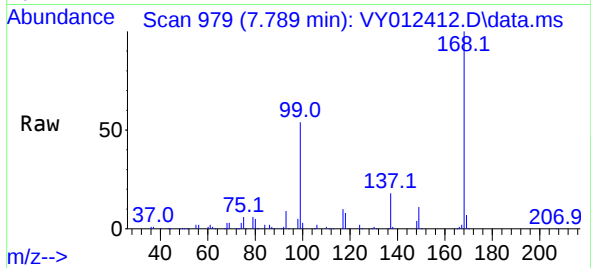




#38
Carbon Tetrachloride
Concen: 5.132 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

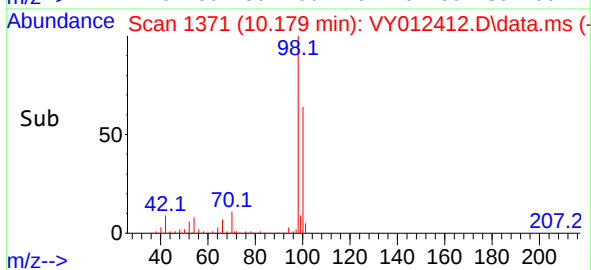
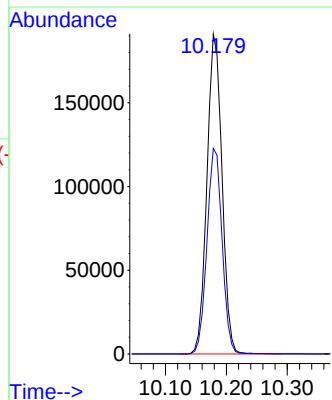
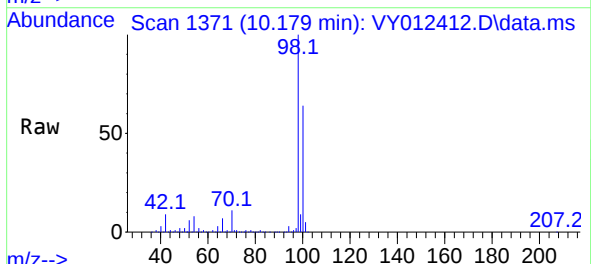
Instrument :
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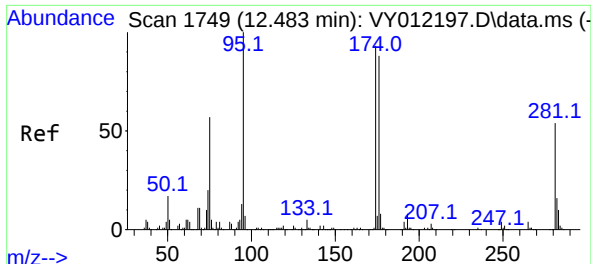
Tgt Ion:117 Resp: 16693
Ion Ratio Lower Upper
117 100
119 3.6 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.234 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

Tgt Ion: 98 Resp: 328185
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

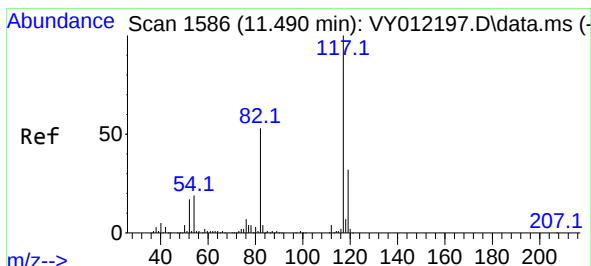
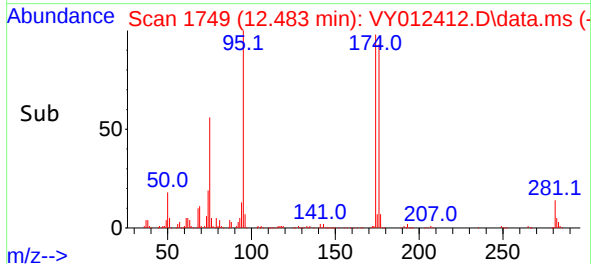
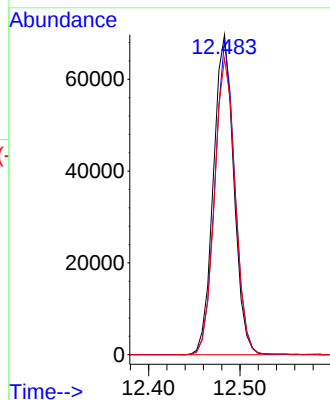
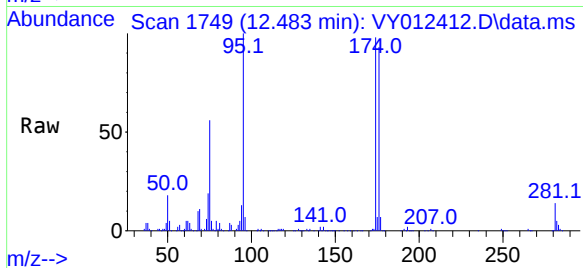




#62
4-Bromofluorobenzene
Concen: 51.655 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

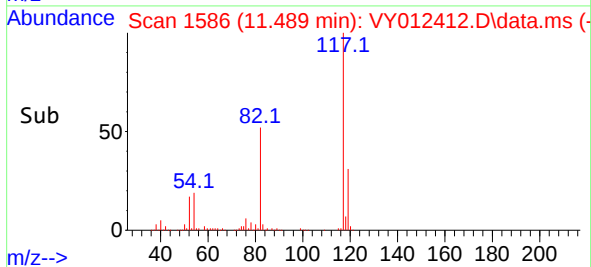
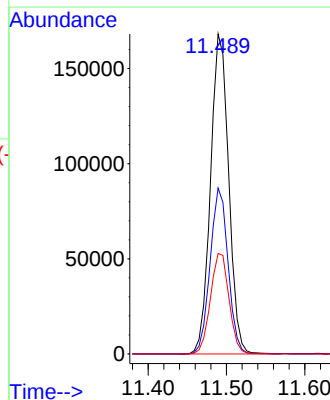
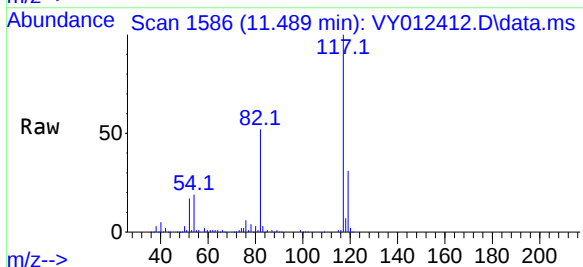
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL06

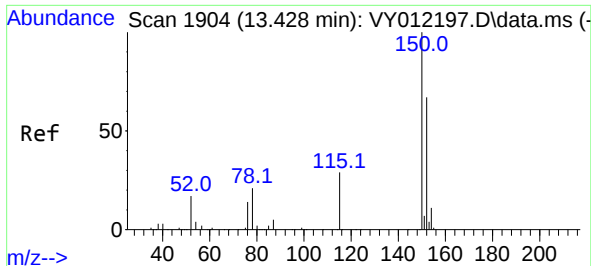
Tgt Ion: 95 Resp: 107914
Ion Ratio Lower Upper
95 100
174 96.0 0.0 172.0
176 93.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

Tgt Ion: 117 Resp: 270747
Ion Ratio Lower Upper
117 100
82 51.9 44.8 67.2
119 31.4 25.4 38.2

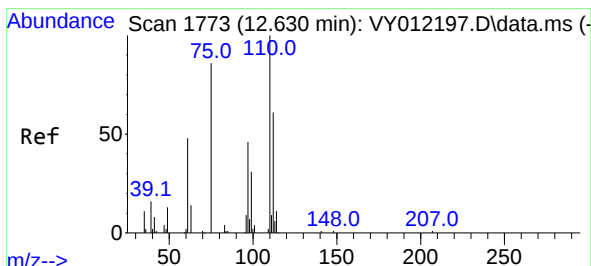
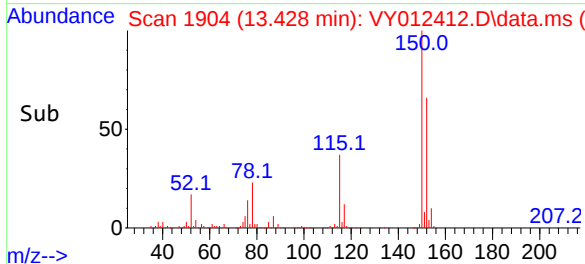
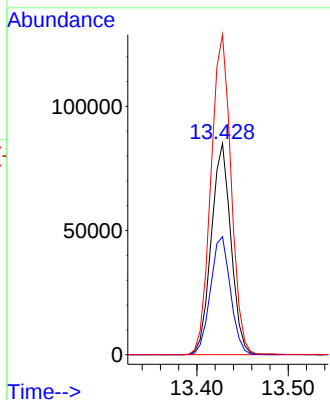
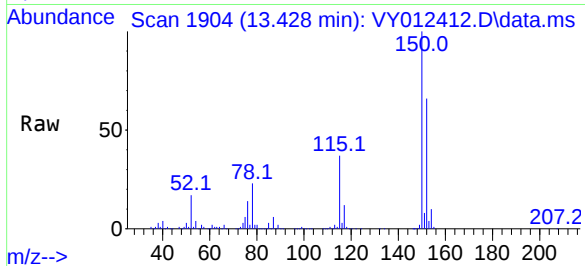




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

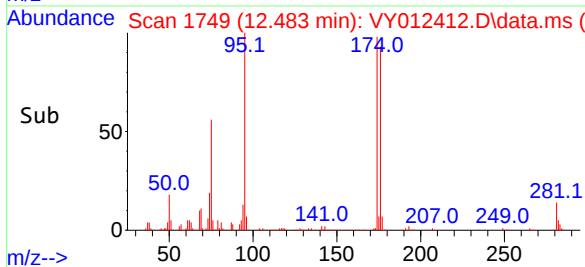
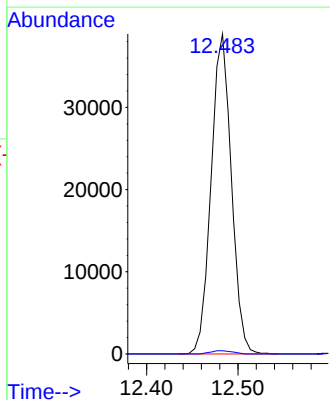
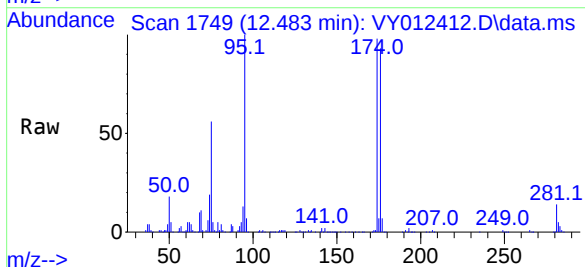
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL06

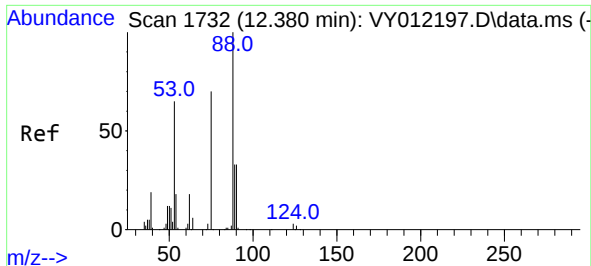
Tgt Ion:152 Resp: 127019
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.3
150 155.5 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 51.223 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012412.D
Acq: 31 Jan 2023 12:07

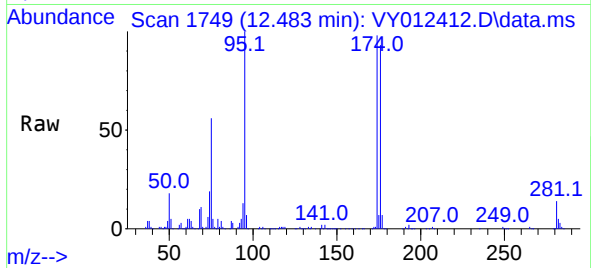
Tgt Ion: 75 Resp: 59828
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.542 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012412.D
 Acq: 31 Jan 2023 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL06



Tgt Ion: 75 Resp: 59828

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.5	108.7#
89	0.2	37.0	55.4#

