

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008294.D
 Acq On : 12 Apr 2022 17:43
 Operator : KP/MD
 Sample : N2364-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0

Quant Time: Apr 13 08:16:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

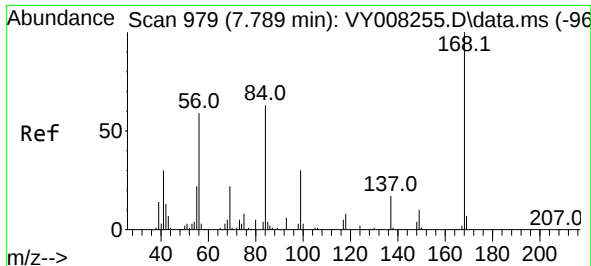
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	35908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	63254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	59701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	19954	59.159	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 118.320%		
35) Dibromofluoromethane	7.716	113	20098	55.011	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.020%		
50) Toluene-d8	10.179	98	76291	61.026	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 122.060%		
62) 4-Bromofluorobenzene	12.483	95	25536	54.308	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.620%		
Target Compounds						
3) Chloromethane	2.107	50	126	Below Cal	#	44
5) Bromomethane	2.662	94	211	Below Cal	#	71
16) Acetone	3.954	43	1009	12.437	ug/l	95
20) Methylene Chloride	4.716	84	1901	Below Cal	#	78
31) Cyclohexane	7.789	56	850	1.394	ug/l	# 27
36) 1,1-Dichloropropene	7.789	75	2594	4.446	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	3702	5.898	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.185	43	355	1.231	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	13544	46.652	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	13544	104.383	ug/l	# 7

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

Quant Time: Apr 13 08:16:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

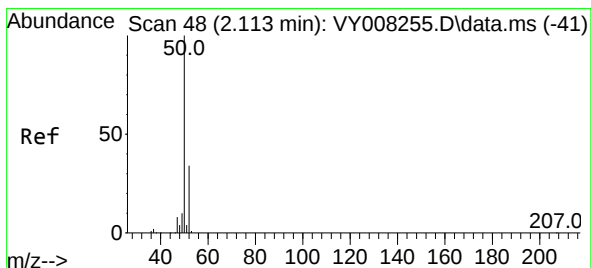
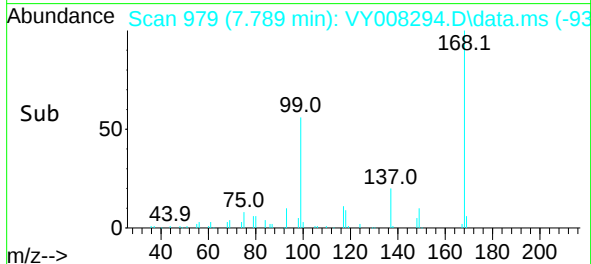
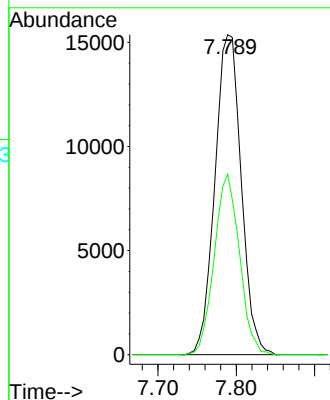
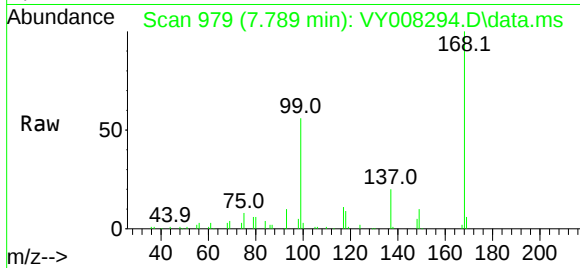




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

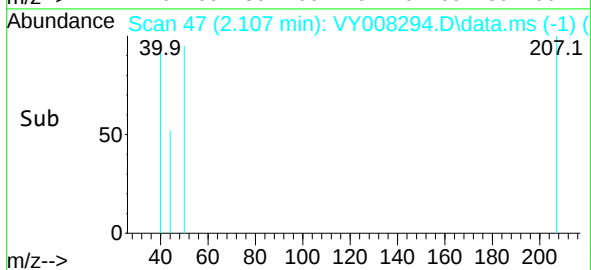
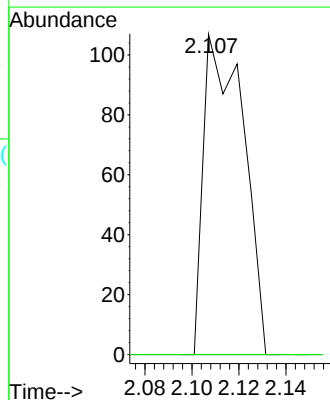
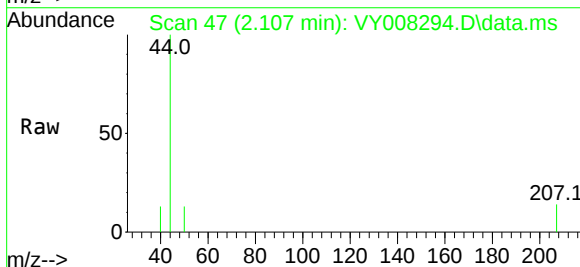
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

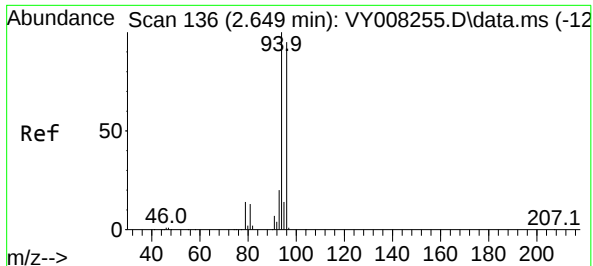
Tgt Ion:168 Resp: 35908
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

Tgt Ion: 50 Resp: 126
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

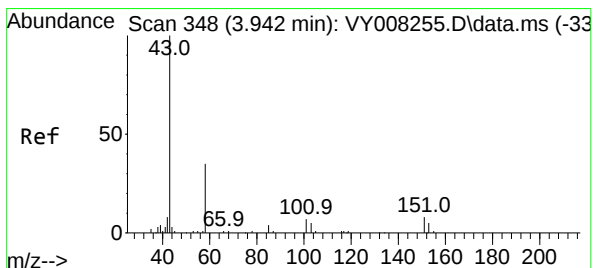
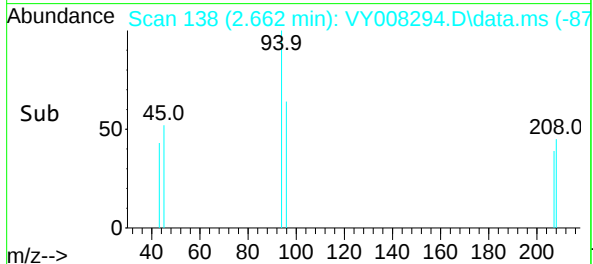
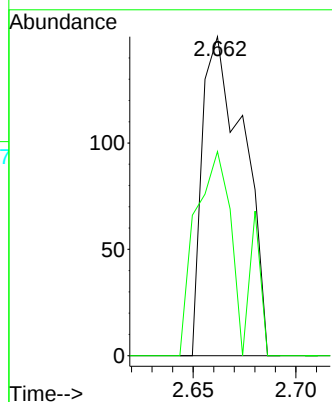
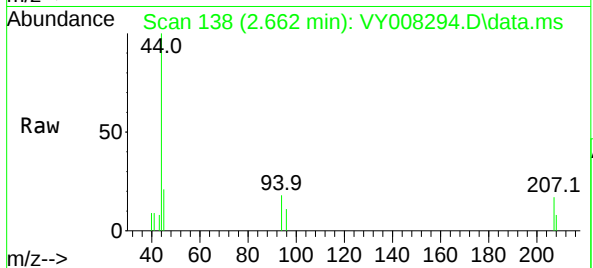




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

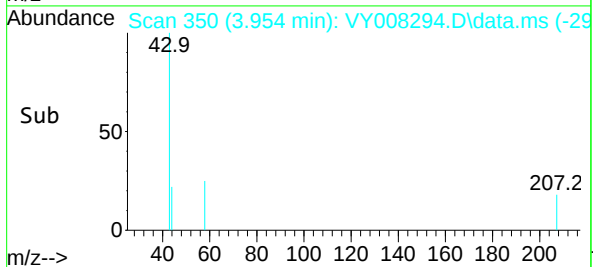
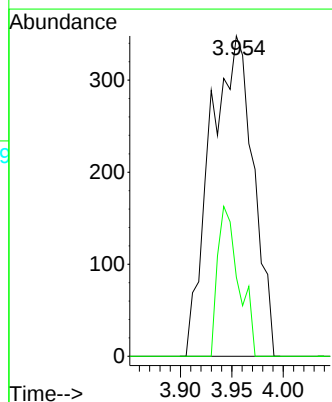
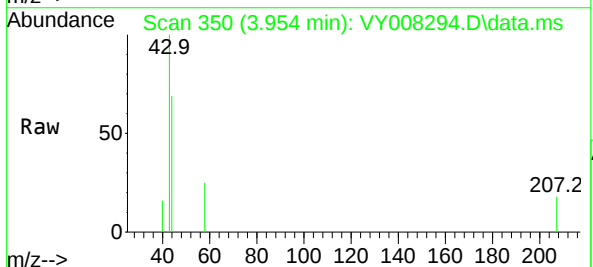
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

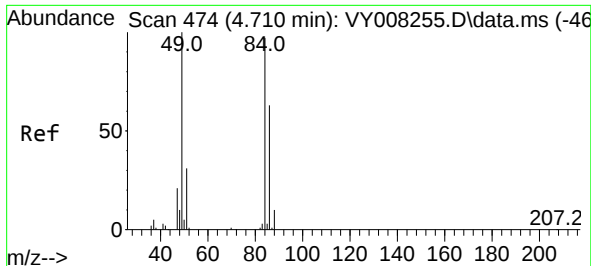
Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 64.0 73.5 110.3#



#16
Acetone
Concen: 12.437 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

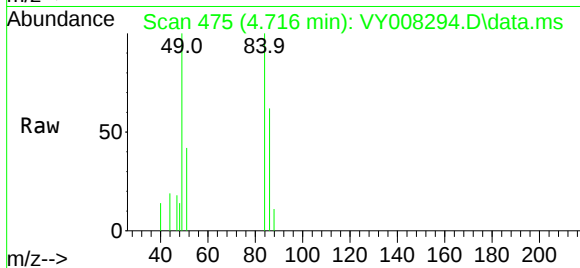
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 24.7 22.0 33.0



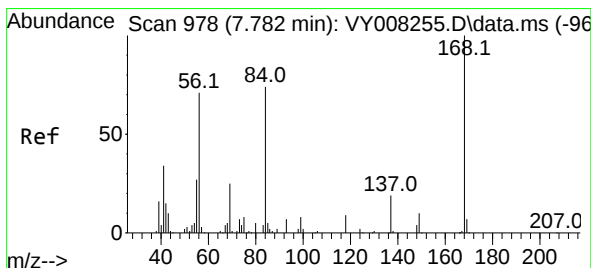
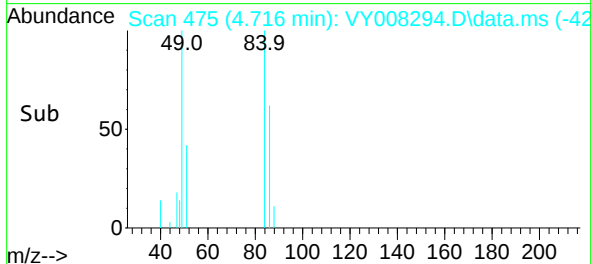
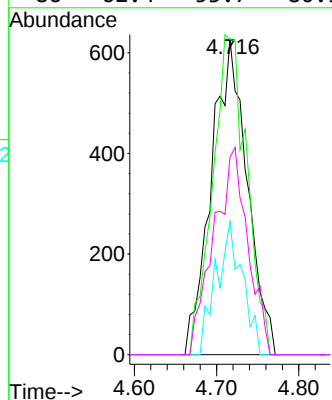


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

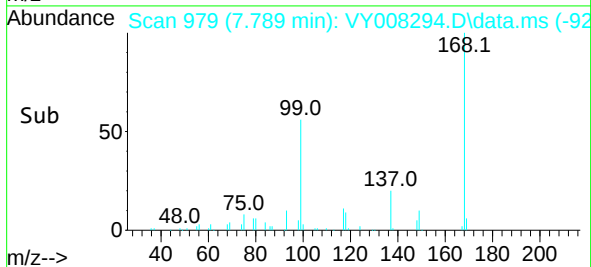
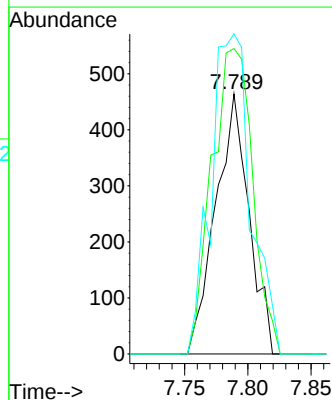
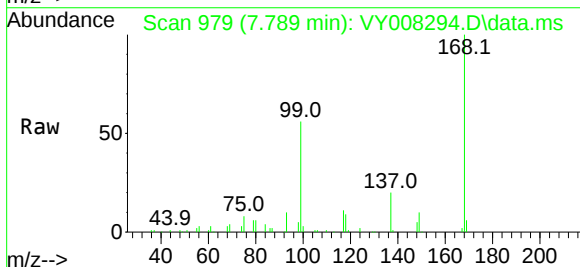


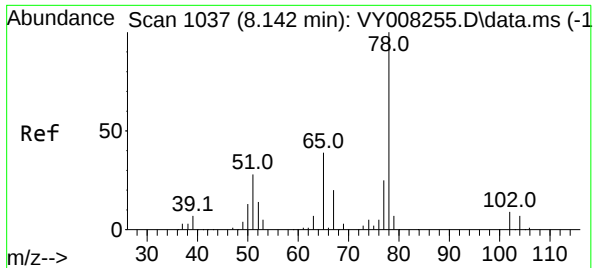
Tgt Ion: 84 Resp: 1901
Ion Ratio Lower Upper
84 100
49 99.7 114.4 171.6#
51 42.2 35.3 52.9
86 62.4 53.7 80.5



#31
Cyclohexane
Concen: 1.394 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

Tgt Ion: 56 Resp: 850
Ion Ratio Lower Upper
56 100
69 117.5 26.7 40.1#
84 123.1 67.2 100.8#

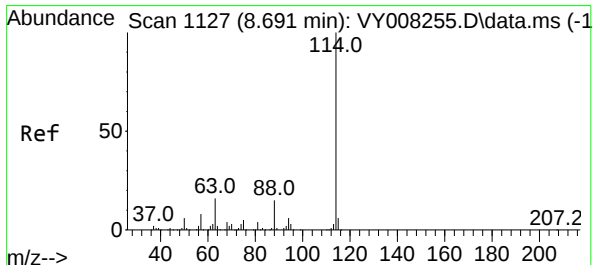
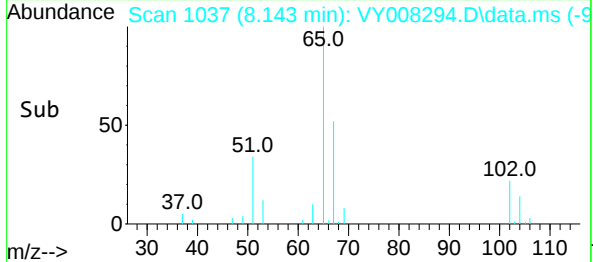
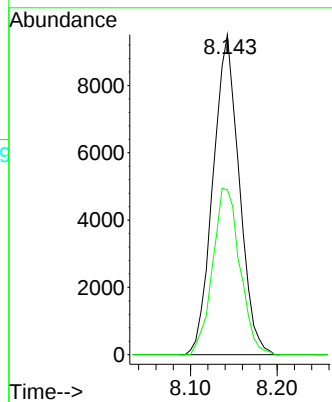
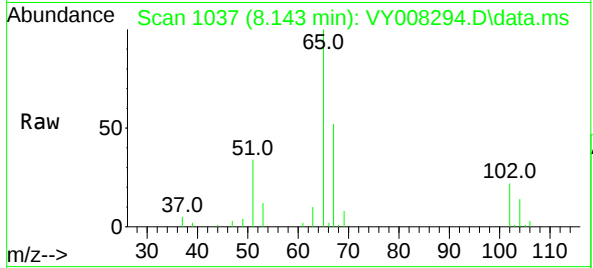




#33
 1,2-Dichloroethane-d4
 Concen: 59.159 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008294.D
 Acq: 12 Apr 2022 17:43

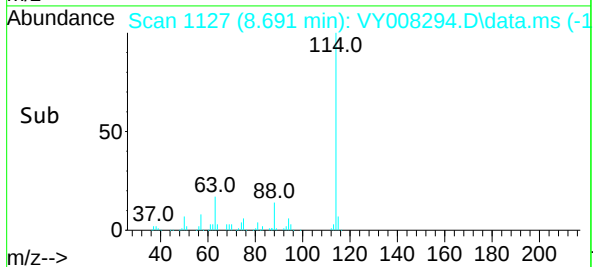
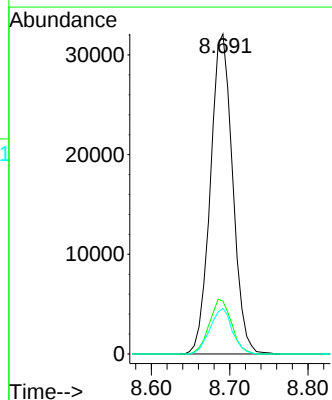
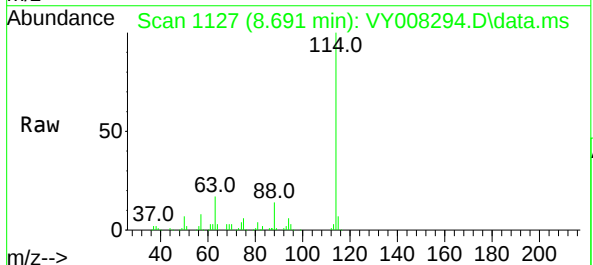
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0

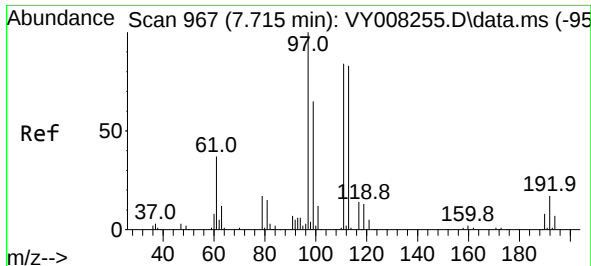
Tgt Ion: 65 Resp: 19954
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008294.D
 Acq: 12 Apr 2022 17:43

Tgt Ion: 114 Resp: 63254
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 43.2
 88 14.2 0.0 31.8

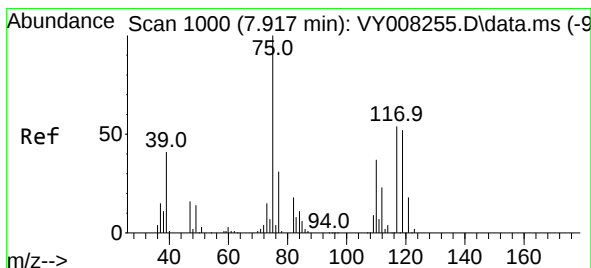
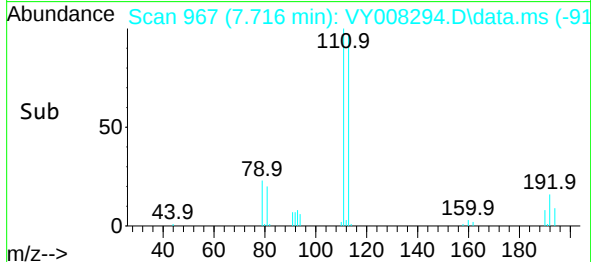
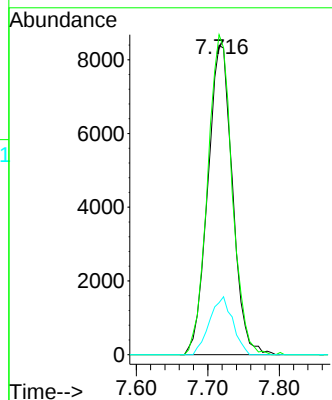
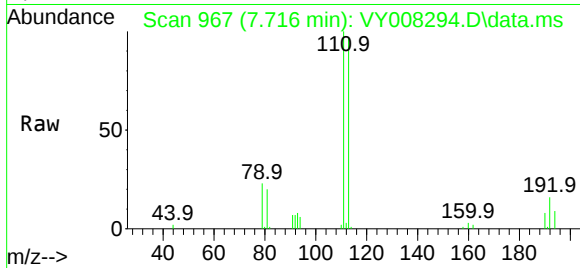




#35
Dibromofluoromethane
Concen: 55.011 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

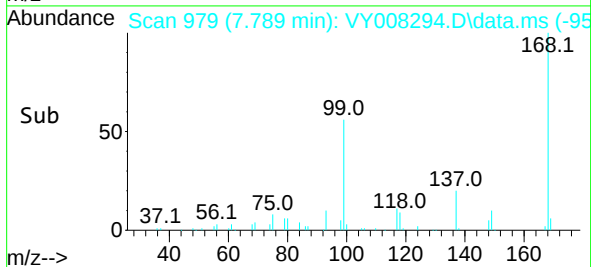
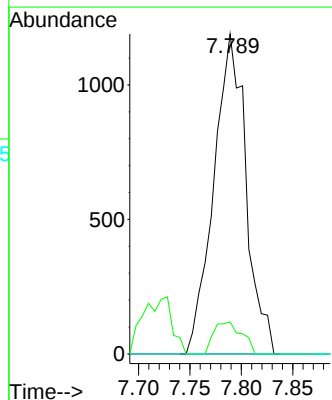
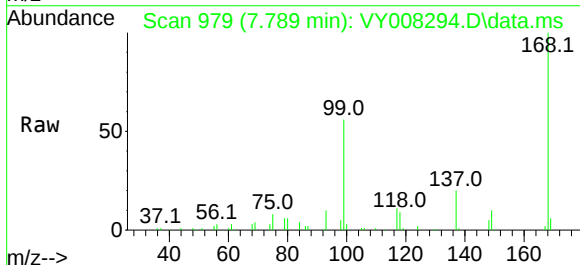
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

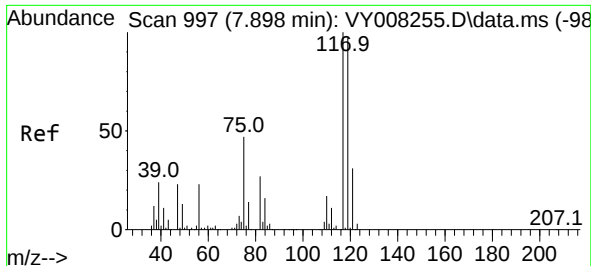
Tgt Ion:113 Resp: 20098
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 17.6 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

Tgt Ion: 75 Resp: 2594
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

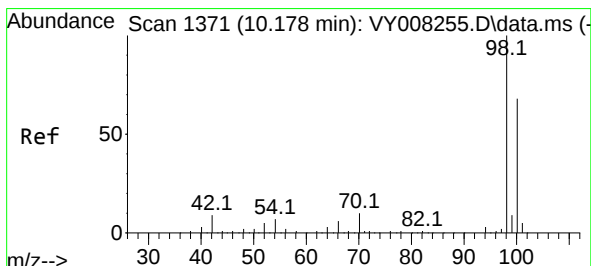
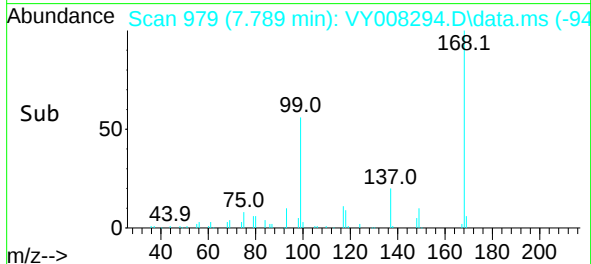
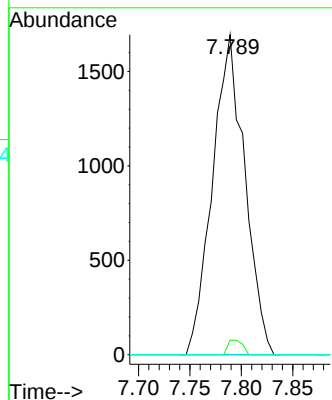
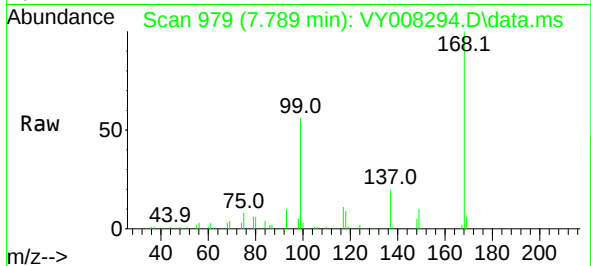




#38
Carbon Tetrachloride
Concen: 5.898 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

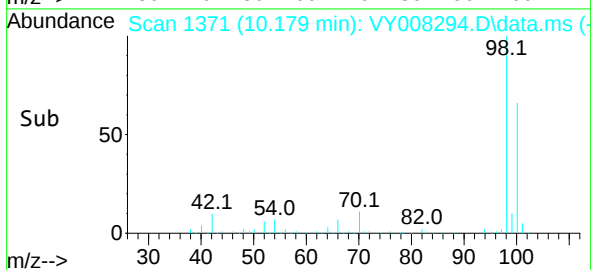
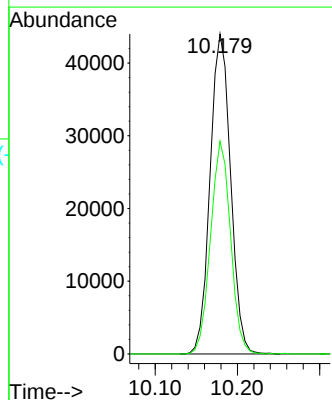
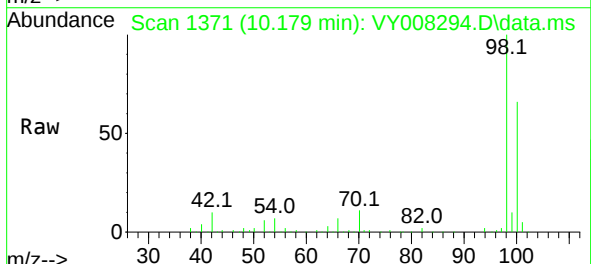
Instrument :
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ClientSampleId :
SB-03-14.5-15.0

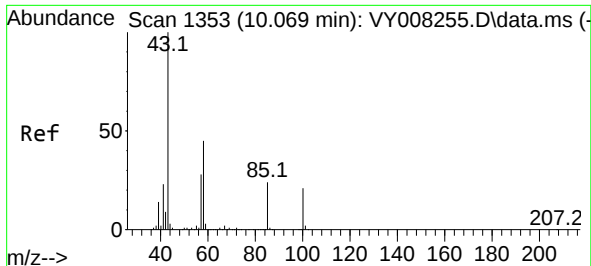
Tgt Ion:117 Resp: 3702
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.026 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

Tgt Ion: 98 Resp: 76291
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

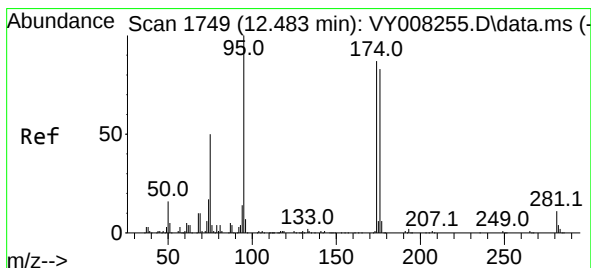
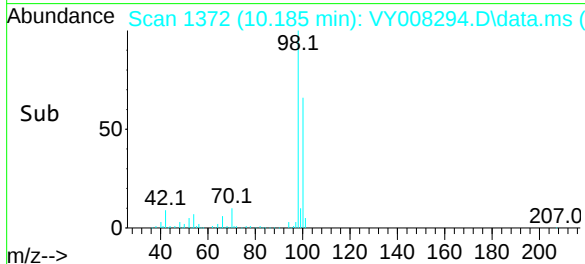
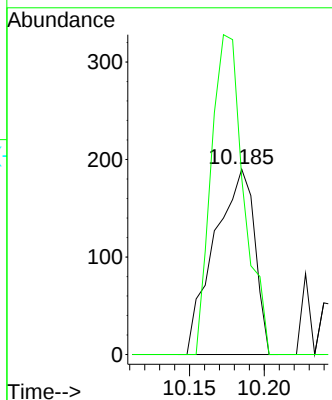
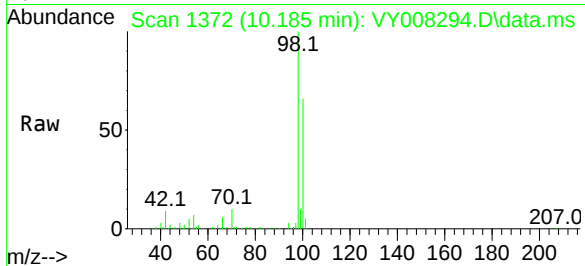




#51
4-Methyl-2-Pentanone
Concen: 1.231 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

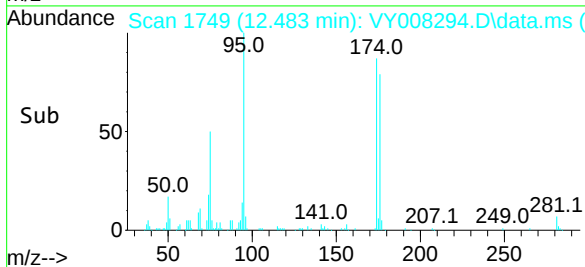
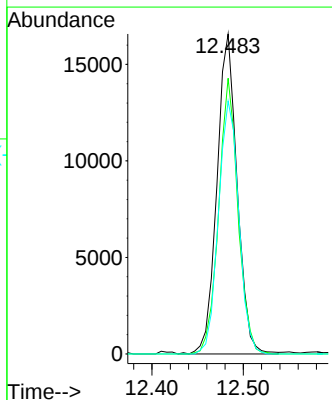
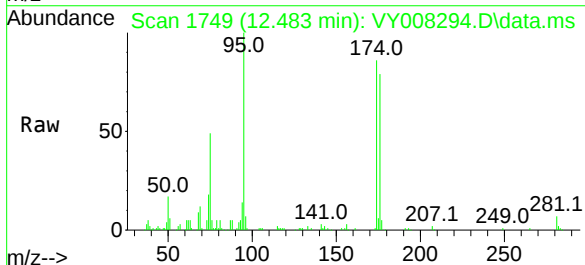
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

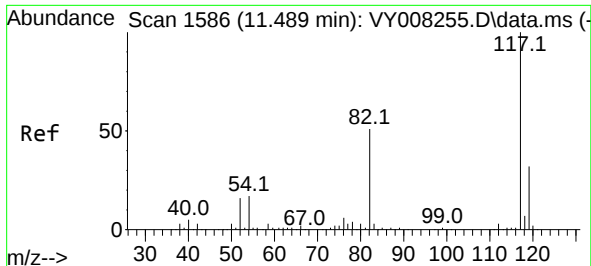
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 139.7 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 54.308 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

Tgt Ion: 95 Resp: 25536
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 79.3 0.0 175.8

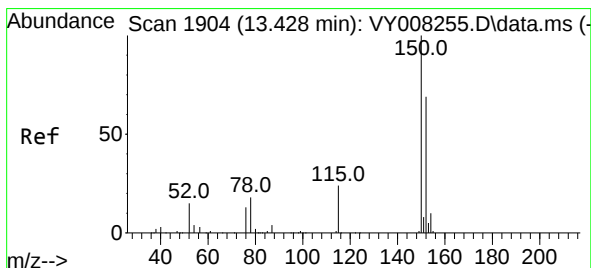
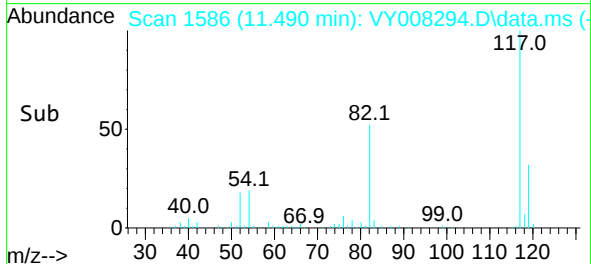
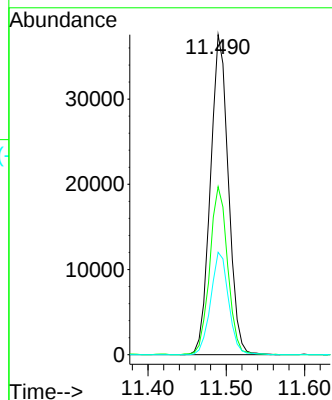
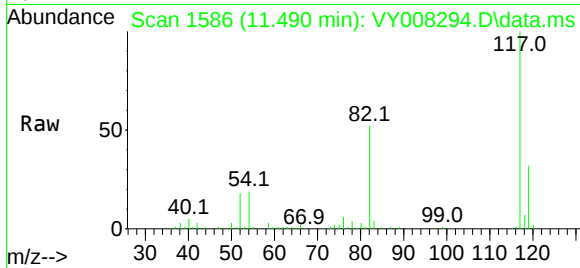




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

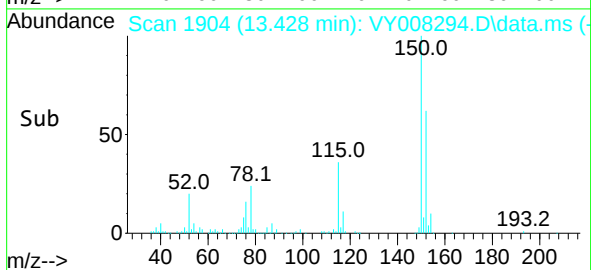
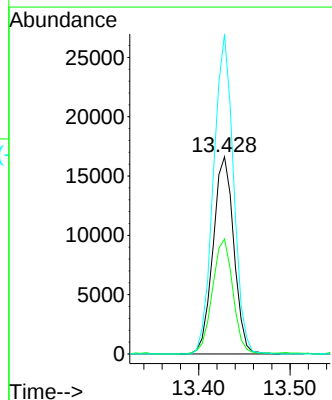
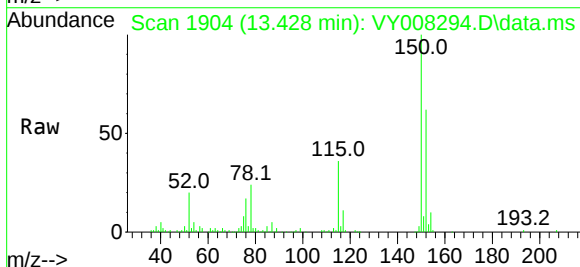
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

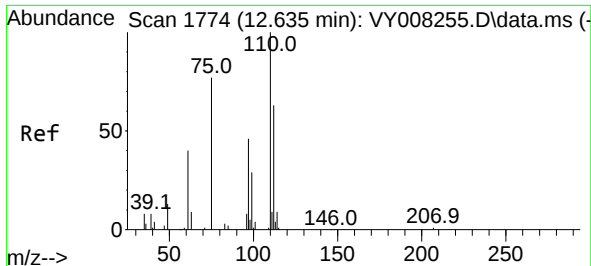
Tgt Ion:117 Resp: 59701
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

Tgt Ion:152 Resp: 26250
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.1 0.0 347.6

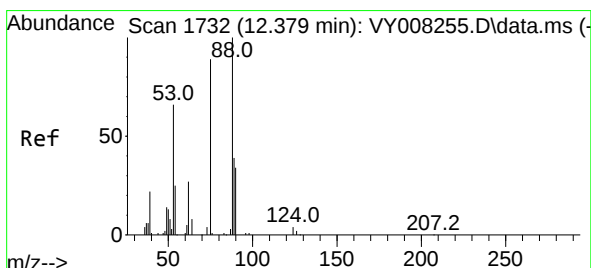
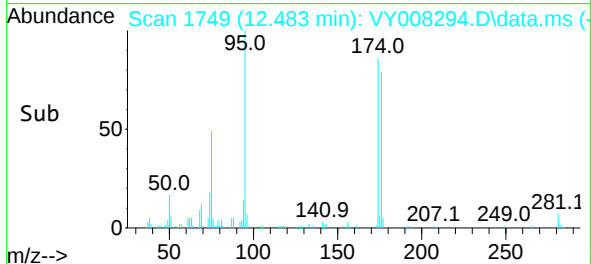
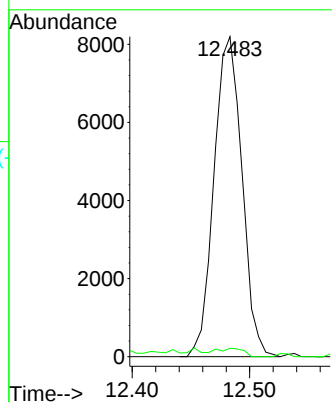
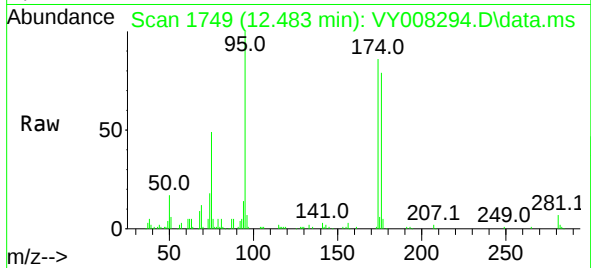




#76
 1,2,3-Trichloropropane
 Concen: 46.652 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008294.D
 Acq: 12 Apr 2022 17:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0

Tgt Ion: 75 Resp: 13544
 Ion Ratio Lower Upper
 75 100
 77 2.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.383 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY008294.D
 Acq: 12 Apr 2022 17:43

Tgt Ion: 75 Resp: 13544
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

