

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013817.D
 Acq On : 19 May 2023 13:39
 Operator : KP/MD
 Sample : 02828-06RE
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: May 22 04:19:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

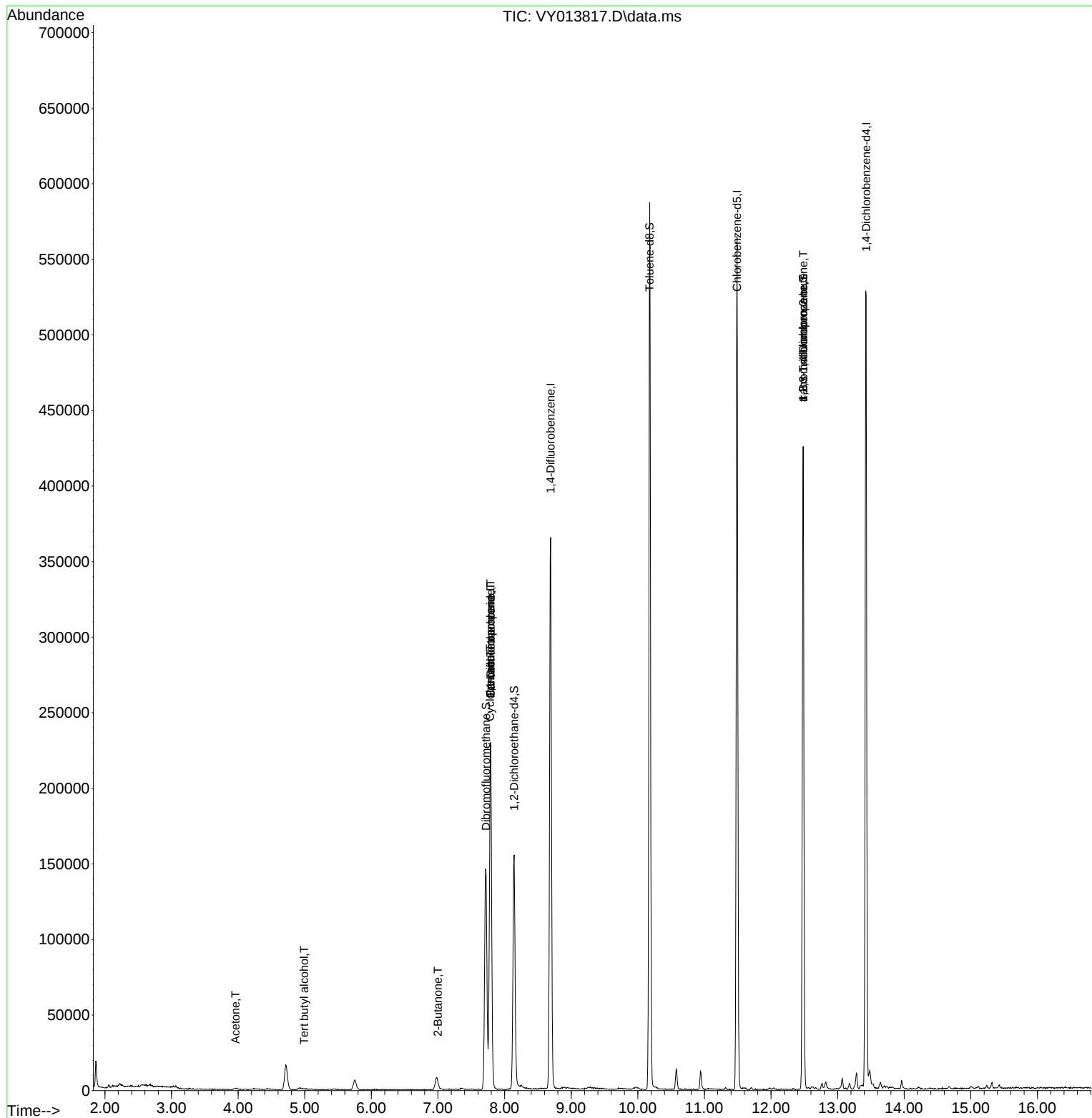
Internal Standards						
1) Pentafluorobenzene	7.789	168	180049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	124746	59.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.280%	
35) Dibromofluoromethane	7.722	113	102443	53.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.080%	
50) Toluene-d8	10.179	98	369571	50.471	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.483	95	121081	49.783	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	191	1.127	ug/l #	73
16) Acetone	3.960	43	2207	3.497	ug/l #	83
20) Methylene Chloride	4.722	84	11600	Below Cal		84
25) 2-Butanone	6.996	43	1514	1.846	ug/l #	52
31) Cyclohexane	7.783	56	4289	1.430	ug/l #	24
36) 1,1-Dichloropropene	7.789	75	13585	5.091	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17685	6.282	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	67398	40.626	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67398	90.449	ug/l #	12

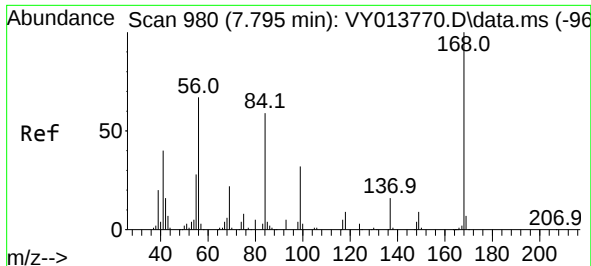
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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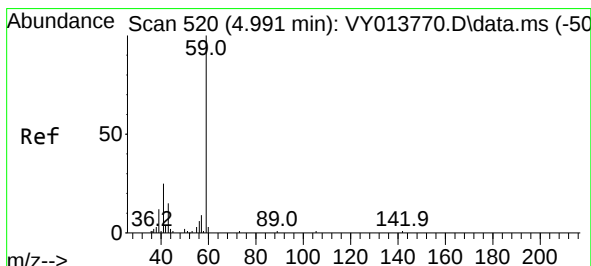
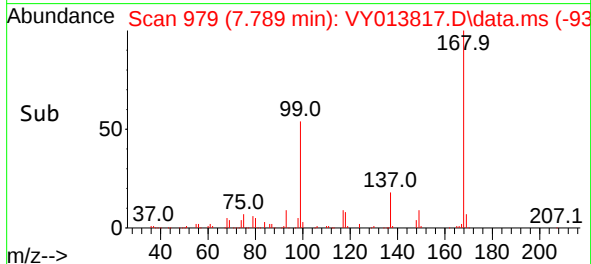
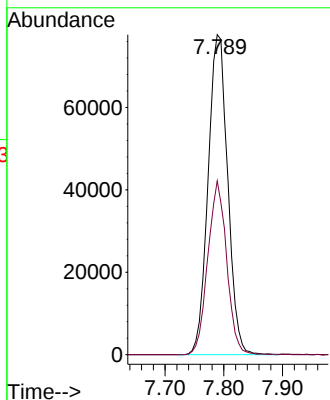
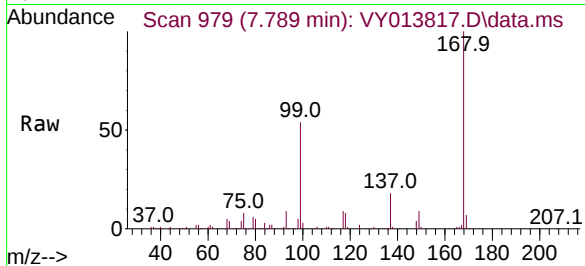




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

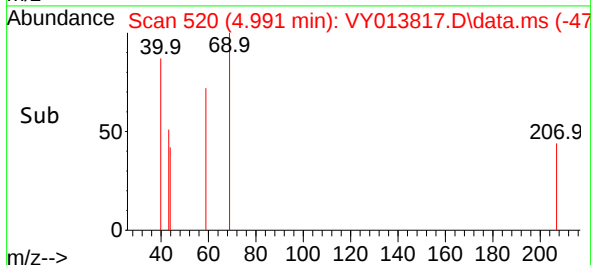
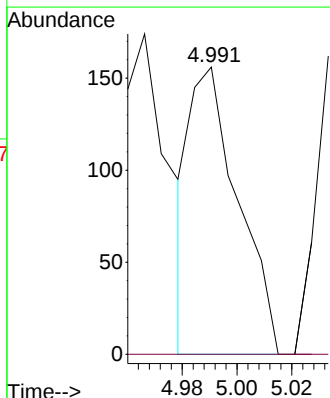
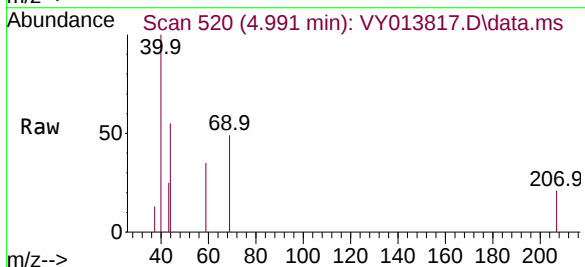
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

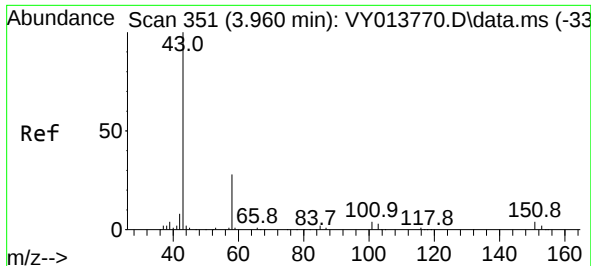
Tgt Ion:168 Resp: 180049
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#11
Tert butyl alcohol
Concen: 1.127 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

Tgt Ion: 59 Resp: 191
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

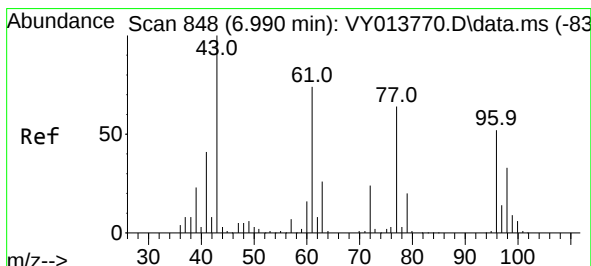
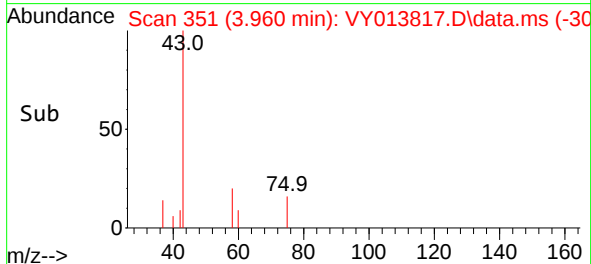
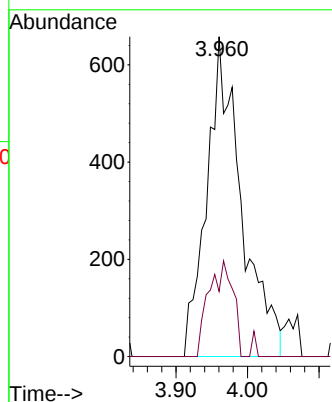
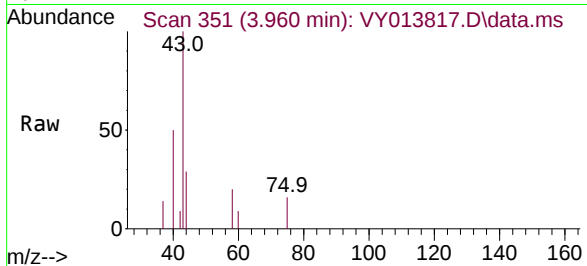




#16
Acetone
Concen: 3.497 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

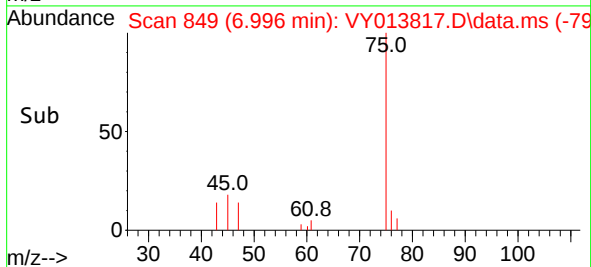
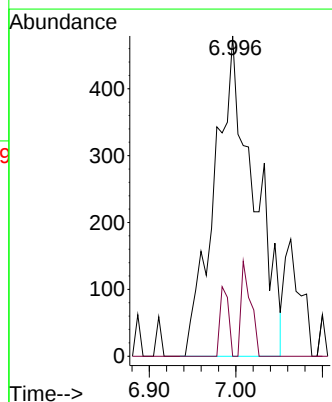
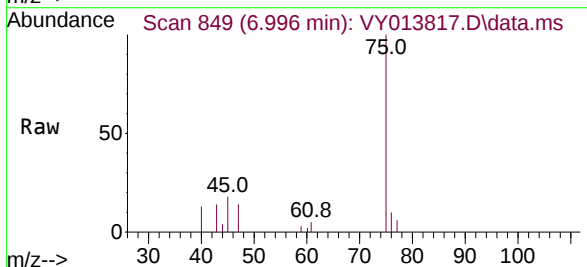
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

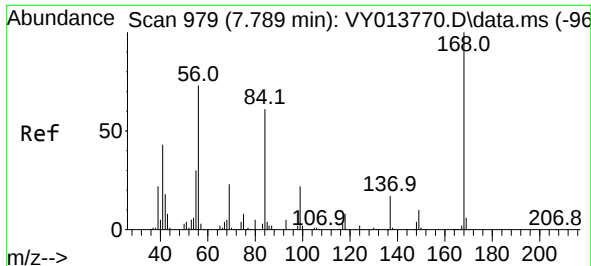
Tgt Ion: 43 Resp: 2207
Ion Ratio Lower Upper
43 100
58 20.4 23.7 35.5#



#25
2-Butanone
Concen: 1.846 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
72 0.0 19.0 28.6#

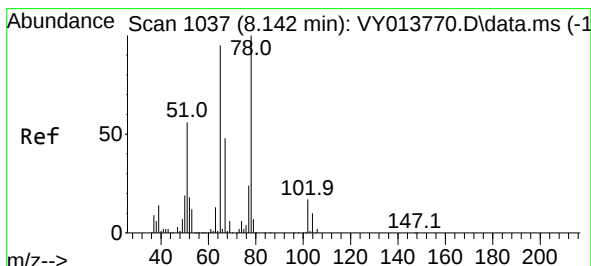
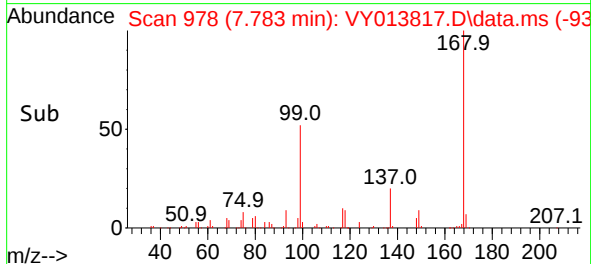
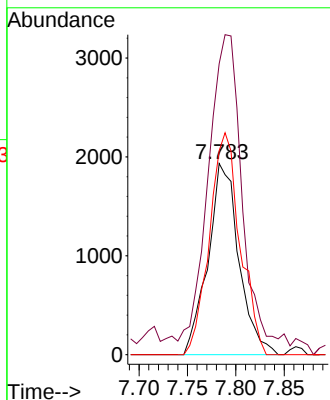
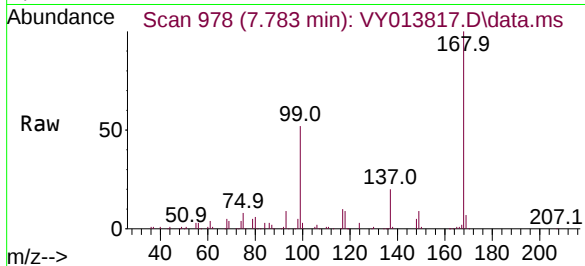




#31
Cyclohexane
Concen: 1.430 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

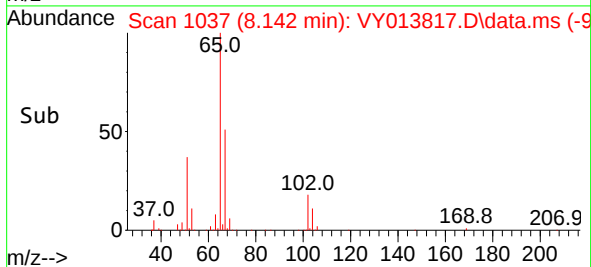
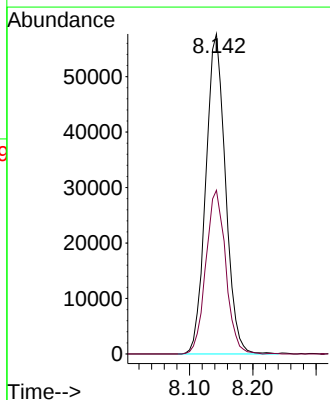
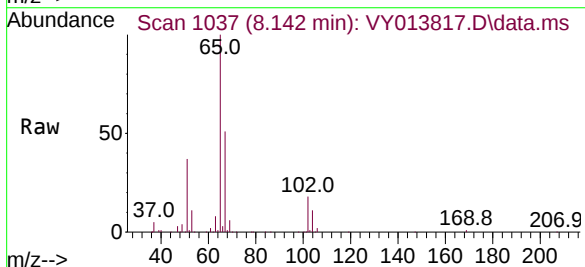
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

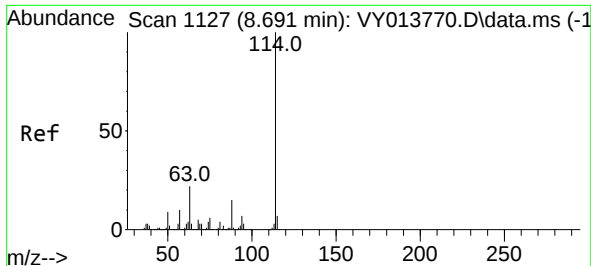
Tgt Ion: 56 Resp: 4289
Ion Ratio Lower Upper
56 100
69 145.1 25.8 38.6#
84 106.6 65.8 98.6#



#33
1,2-Dichloroethane-d4
Concen: 59.642 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

Tgt Ion: 65 Resp: 124746
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013817.D

Acq: 19 May 2023 13:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

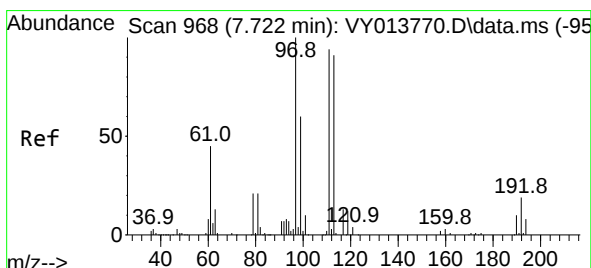
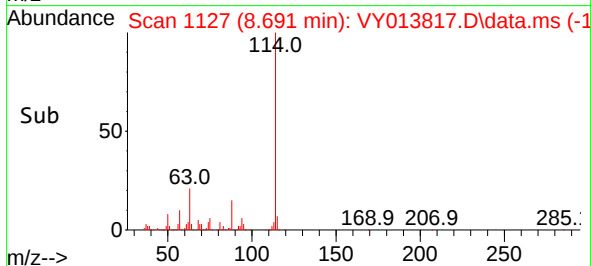
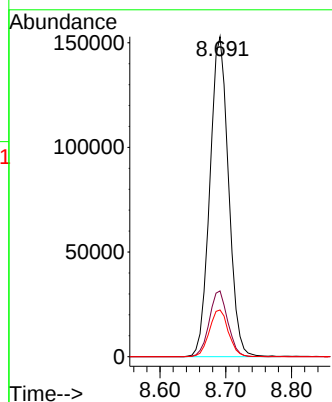
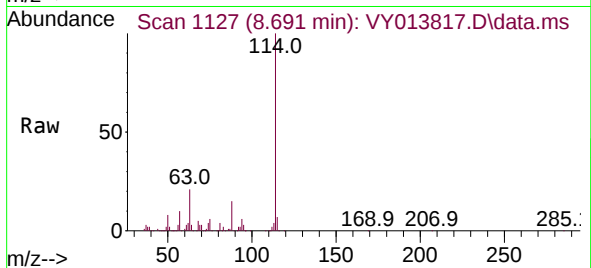
Tgt Ion:114 Resp: 301198

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

88 14.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.039 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013817.D

Acq: 19 May 2023 13:39

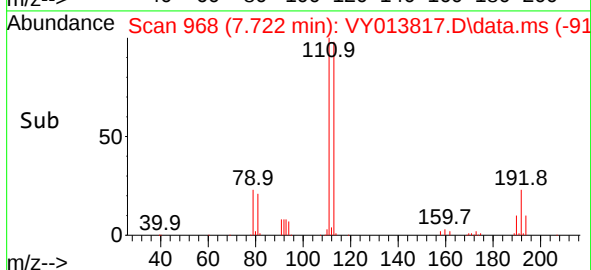
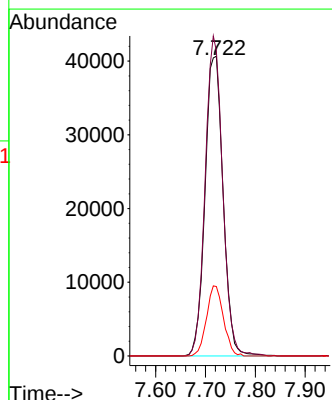
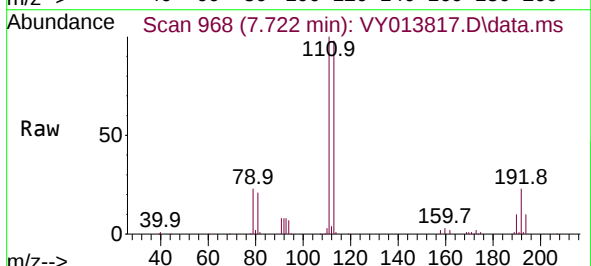
Tgt Ion:113 Resp: 102443

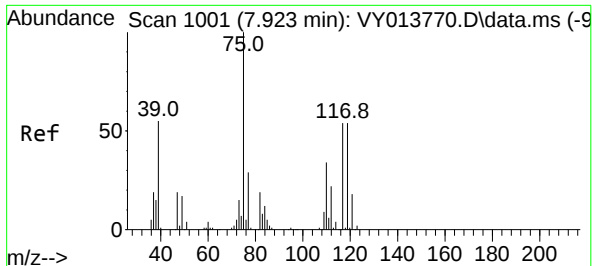
Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 21.9 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.091 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013817.D

Acq: 19 May 2023 13:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

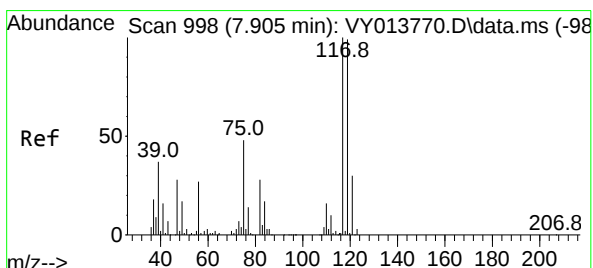
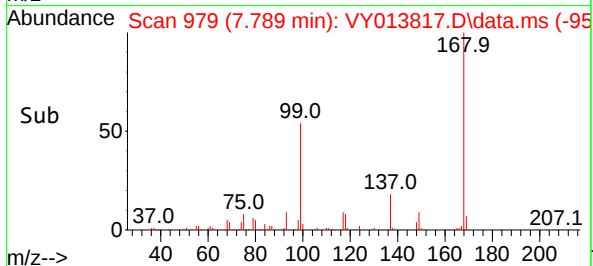
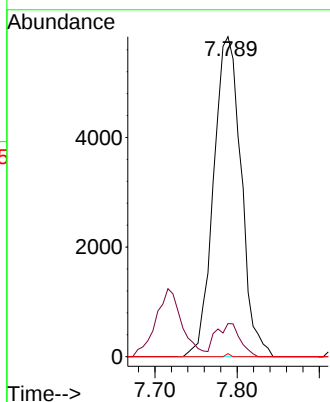
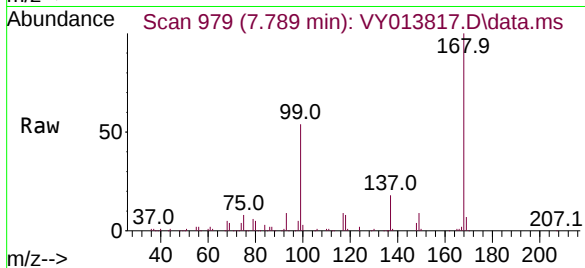
Tgt Ion: 75 Resp: 13585

Ion Ratio Lower Upper

75 100

110 9.0 17.3 51.7#

77 0.1 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.282 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY013817.D

Acq: 19 May 2023 13:39

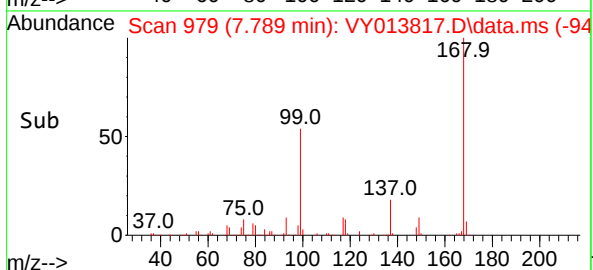
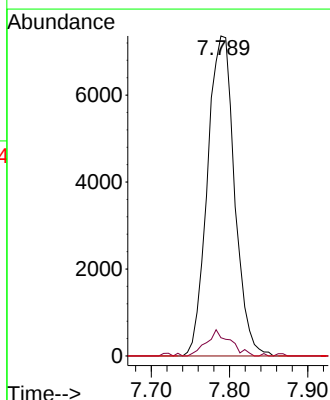
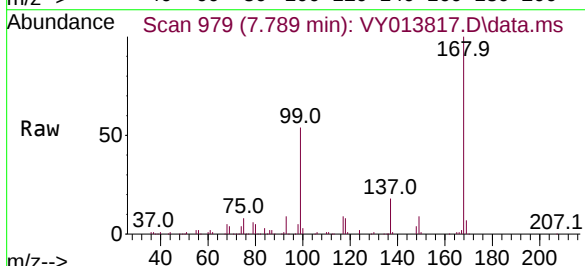
Tgt Ion: 117 Resp: 17685

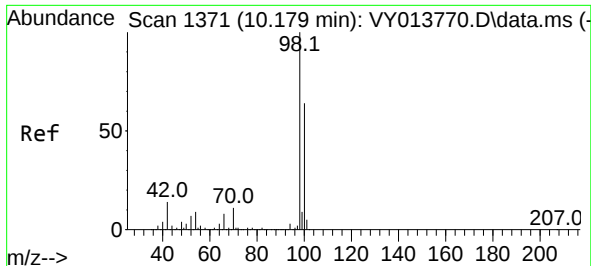
Ion Ratio Lower Upper

117 100

119 5.0 79.0 118.6#

121 0.0 24.1 36.1#

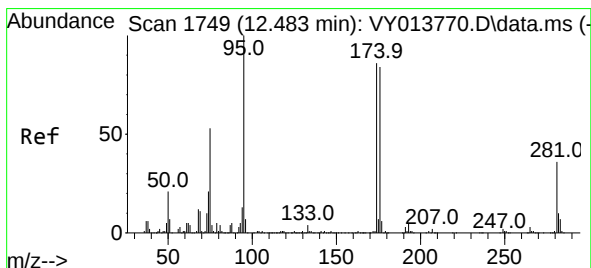
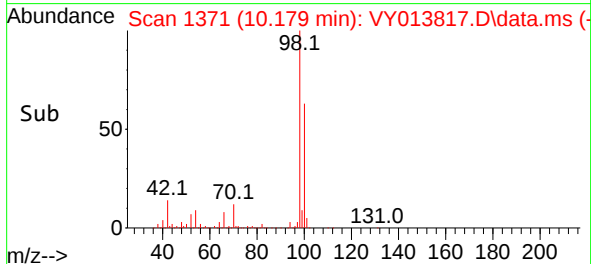
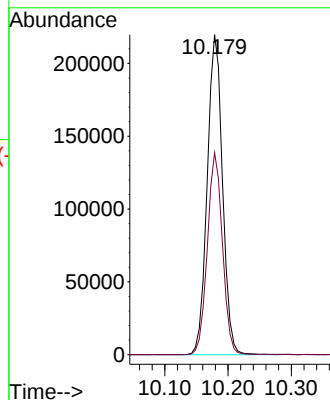
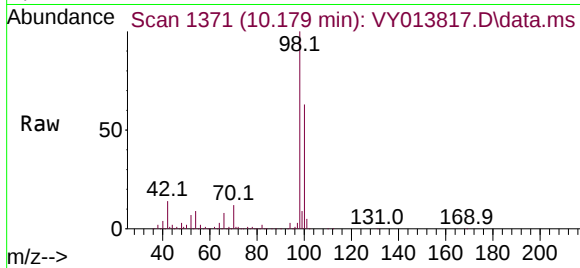




#50
Toluene-d8
Concen: 50.471 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

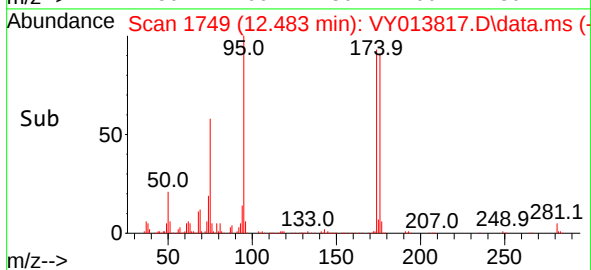
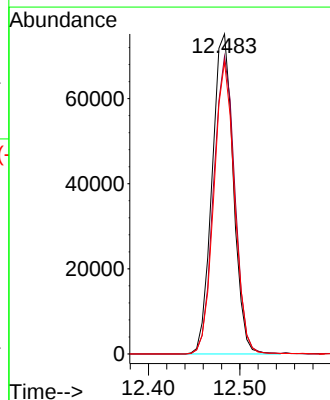
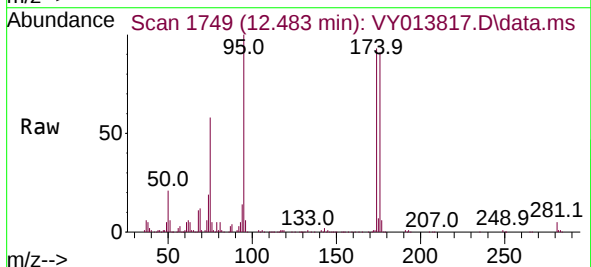
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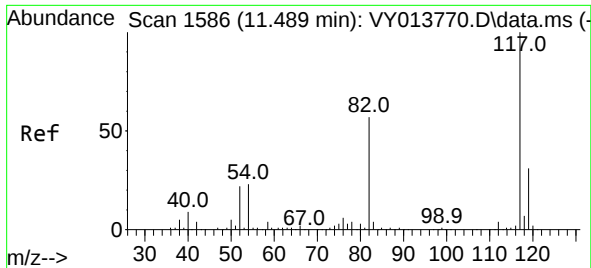
Tgt Ion: 98 Resp: 369571
Ion Ratio Lower Upper
98 100
100 62.2 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 49.783 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

Tgt Ion: 95 Resp: 121081
Ion Ratio Lower Upper
95 100
174 93.0 0.0 168.8
176 88.7 0.0 165.2

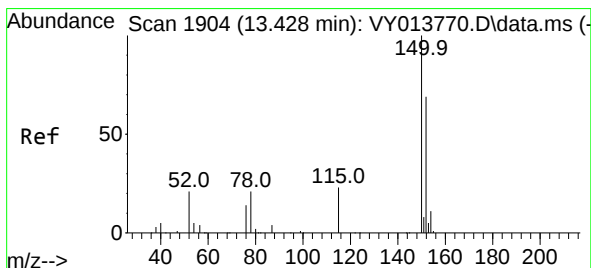
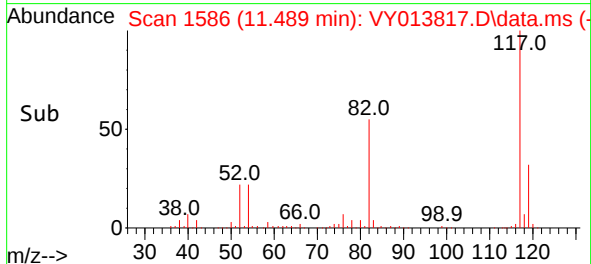
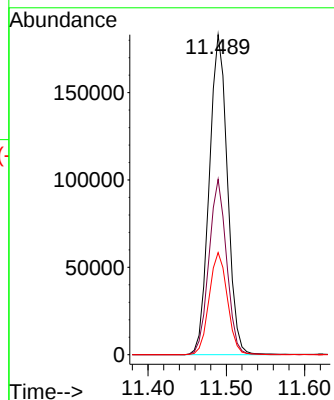
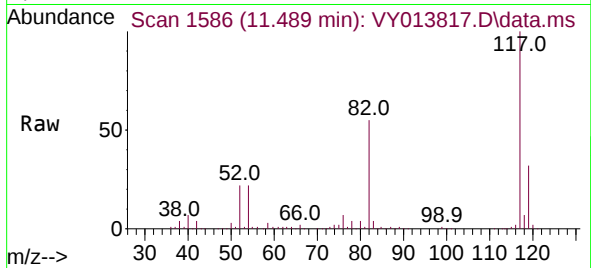




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

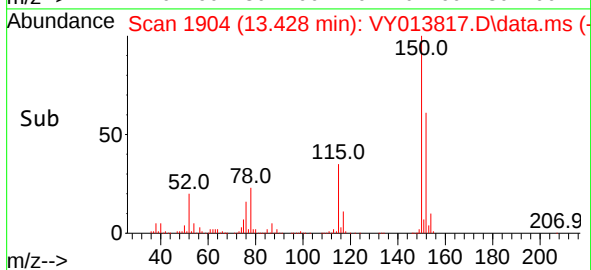
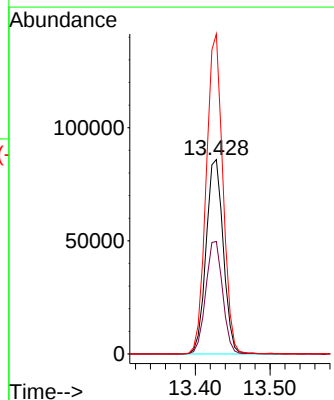
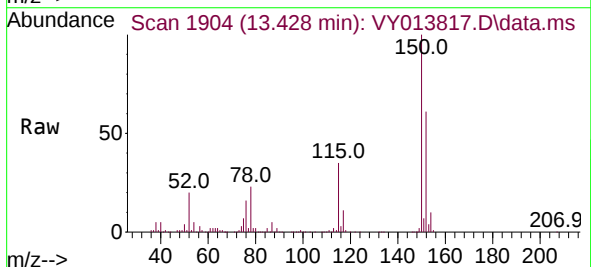
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

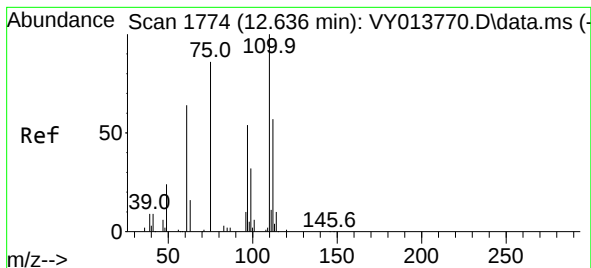
Tgt Ion:117 Resp: 294040
Ion Ratio Lower Upper
117 100
82 54.8 45.5 68.3
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

Tgt Ion:152 Resp: 137075
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 159.2 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 40.626 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY013817.D

Acq: 19 May 2023 13:39

Instrument :

MSVOA_Y

ClientSampleId :

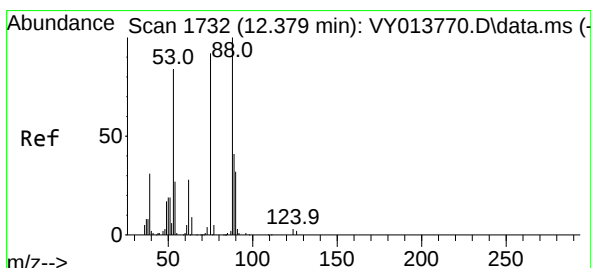
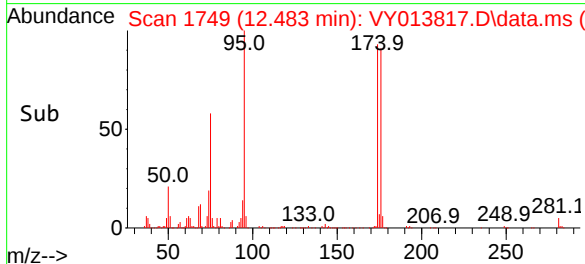
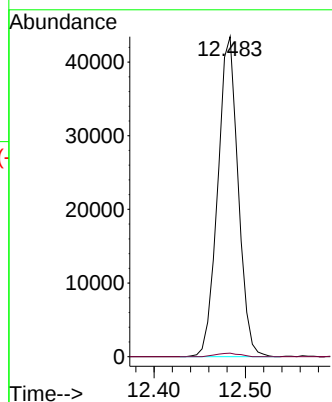
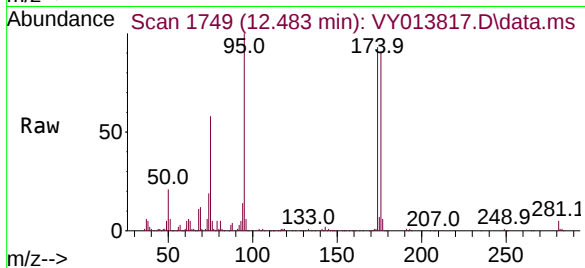
SB-6

Tgt Ion: 75 Resp: 67398

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.449 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY013817.D

Acq: 19 May 2023 13:39

Tgt Ion: 75 Resp: 67398

Ion Ratio Lower Upper

75 100

53 0.4 75.3 112.9#

89 0.0 35.4 53.2#

