

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013657.D
 Acq On : 09 May 2023 10:49
 Operator : KP/MD
 Sample : VY0509SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBL01

Quant Time: May 10 05:32:57 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)

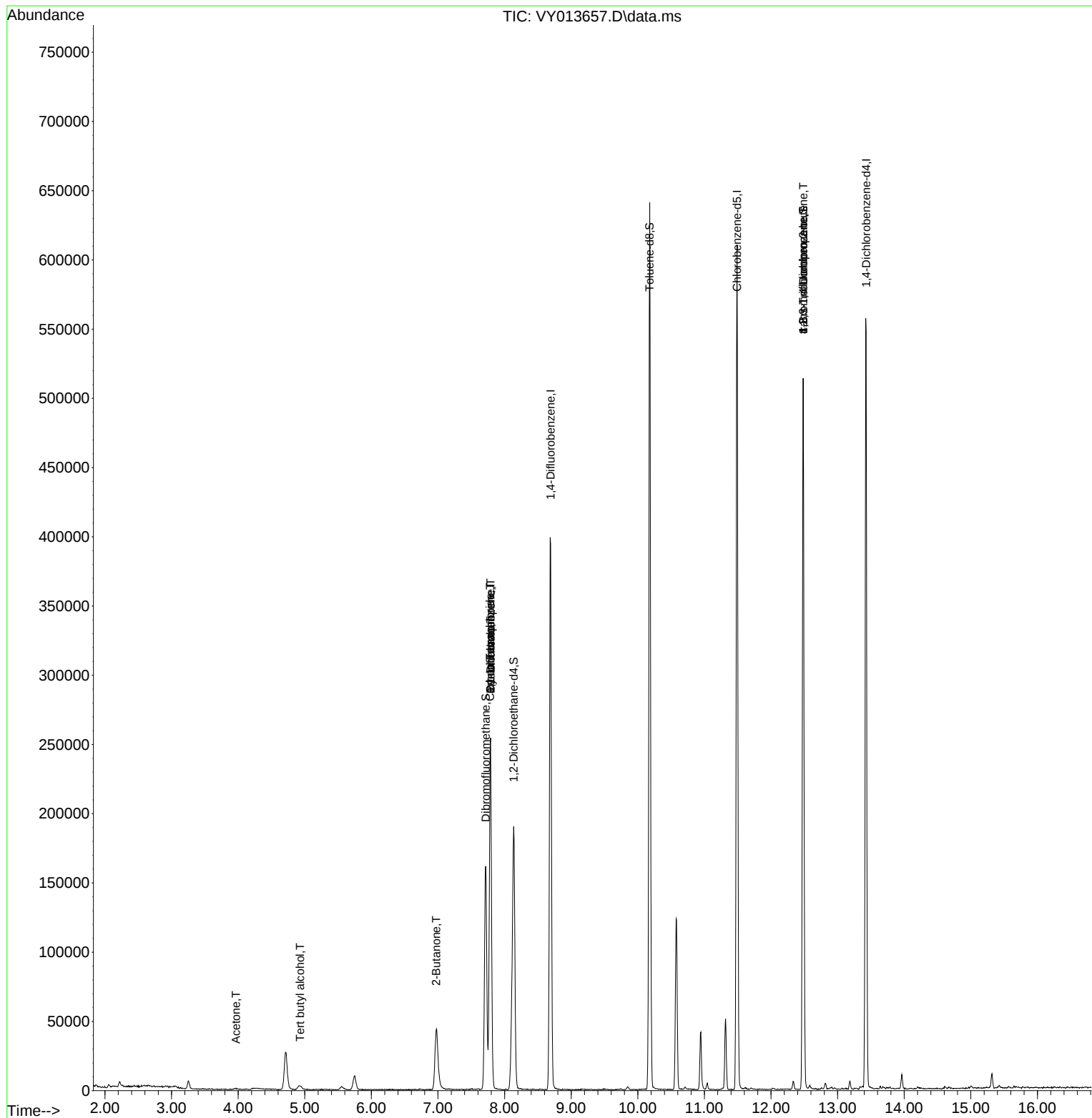
Internal Standards						
1) Pentafluorobenzene	7.789	168	197554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	335518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132162	61.027	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.060%		
35) Dibromofluoromethane	7.715	113	114112	54.075	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.140%		
50) Toluene-d8	10.178	98	406484	54.147	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.300%		
62) 4-Bromofluorobenzene	12.483	95	131361	51.905	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 103.800%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	3203	13.747	ug/l #	94
16) Acetone	3.966	43	1587	1.861	ug/l	98
20) Methylene Chloride	4.716	84	19554	Below Cal		97
25) 2-Butanone	6.972	43	3035	2.806	ug/l #	78
31) Cyclohexane	7.789	56	4135	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15107	4.314	ug/l #	50
38) Carbon Tetrachloride	7.783	117	18570	5.059	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	69976	35.700	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69976	73.027	ug/l #	13

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

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBL01

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Response via : Initial Calibration

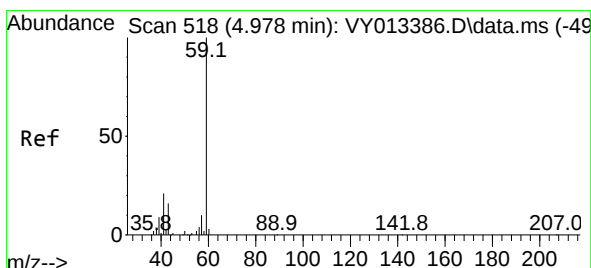
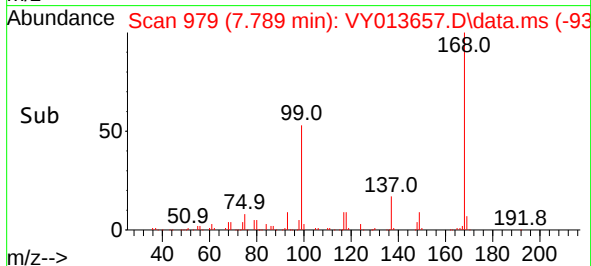
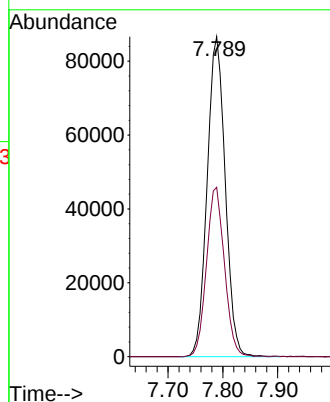
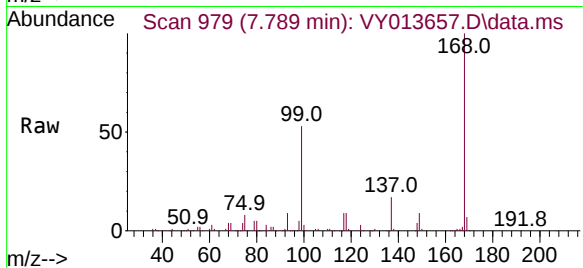




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

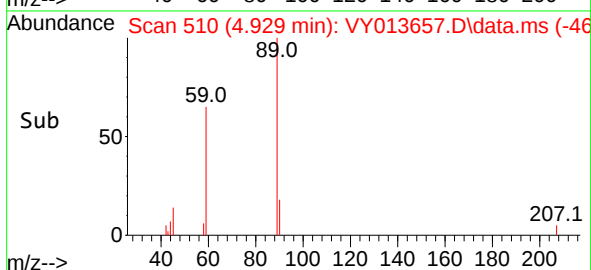
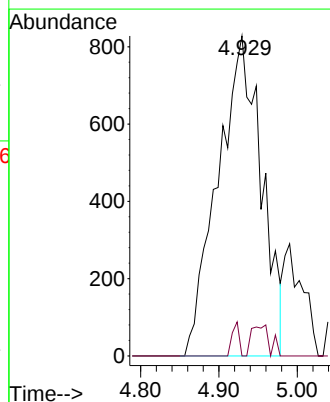
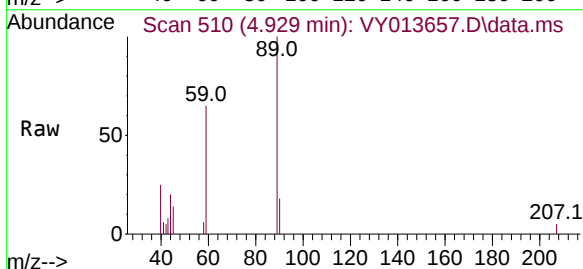
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBL01

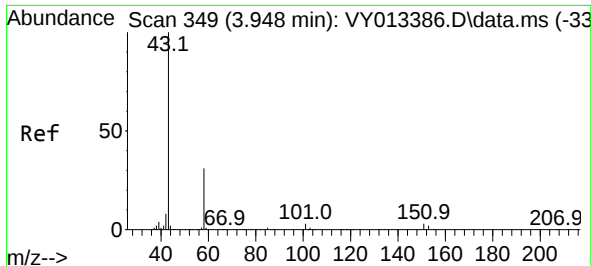
Tgt Ion:168 Resp: 197554
Ion Ratio Lower Upper
168 100
99 52.9 41.8 62.6



#11
Tert butyl alcohol
Concen: 13.747 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.049 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

Tgt Ion: 59 Resp: 3203
Ion Ratio Lower Upper
59 100
57 1.7 3.0 4.4#

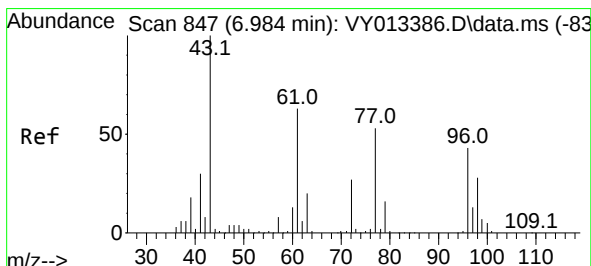
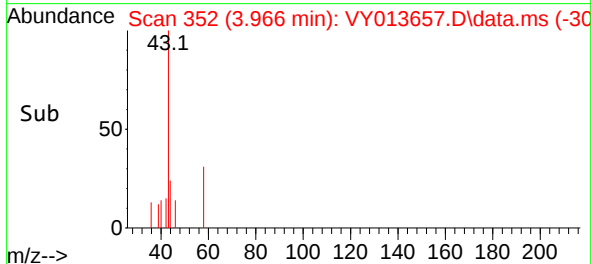
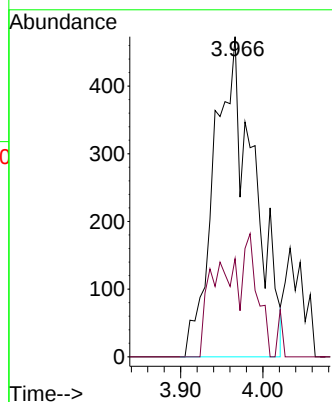
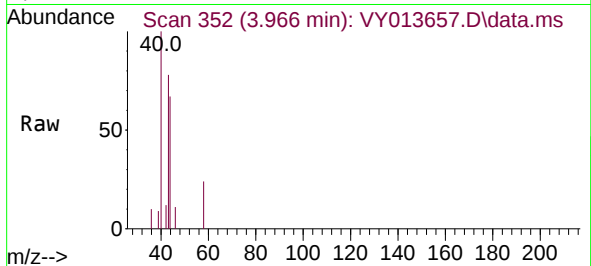




#16
Acetone
Concen: 1.861 ug/l
RT: 3.966 min Scan# 311
Delta R.T. 0.018 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

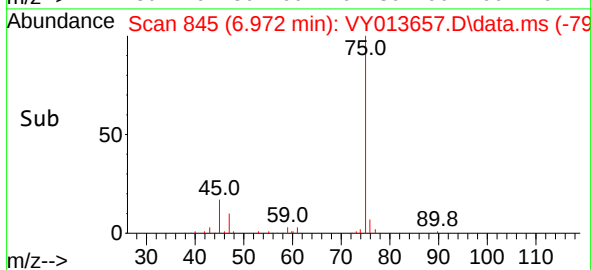
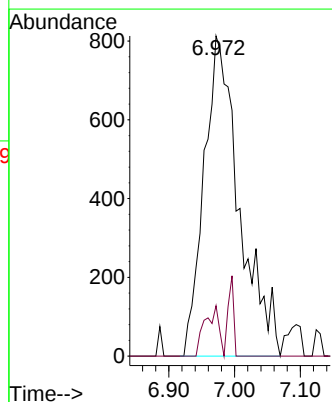
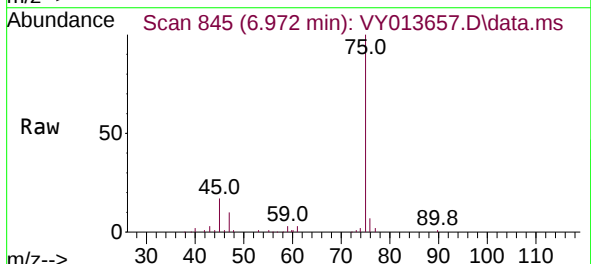
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBL01

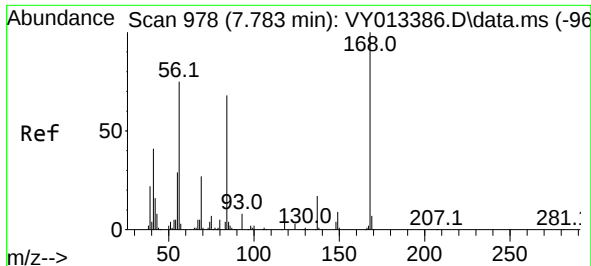
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 30.7 25.4 38.0



#25
2-Butanone
Concen: 2.806 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

Tgt Ion: 43 Resp: 3035
Ion Ratio Lower Upper
43 100
72 15.7 21.9 32.9#

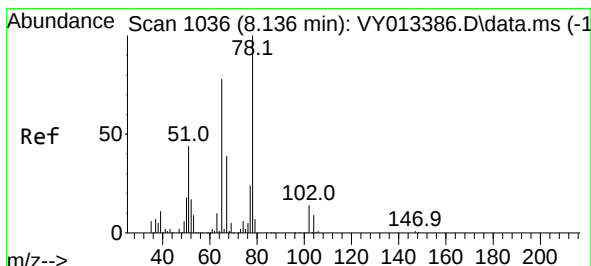
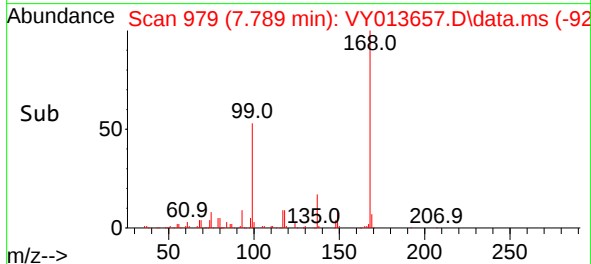
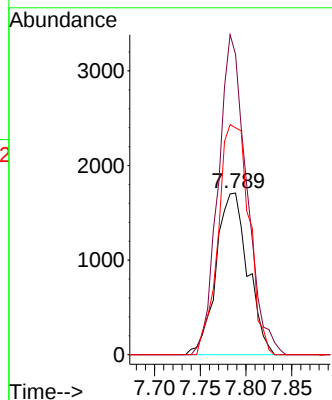
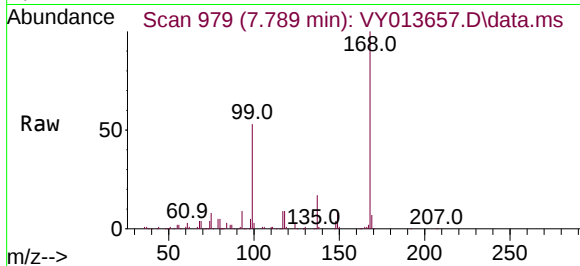




#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

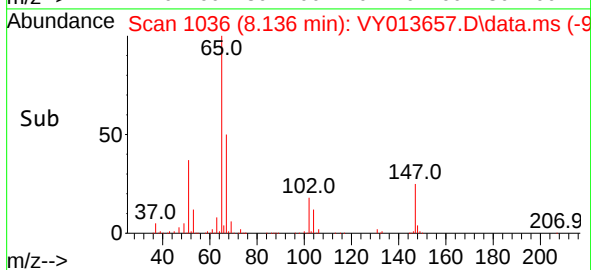
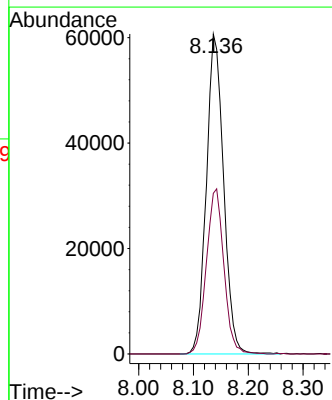
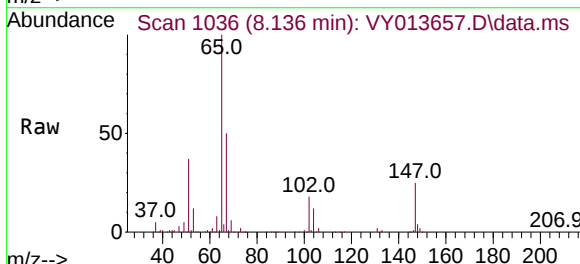
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBL01

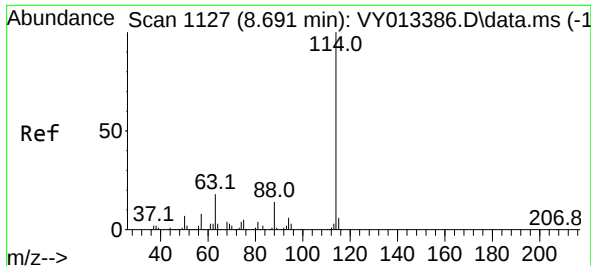
Tgt Ion: 56 Resp: 4135
Ion Ratio Lower Upper
56 100
69 185.9 29.2 43.8#
84 140.4 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 61.027 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

Tgt Ion: 65 Resp: 132162
Ion Ratio Lower Upper
65 100
67 52.3 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: VY013657.D

Acq: 09 May 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBL01

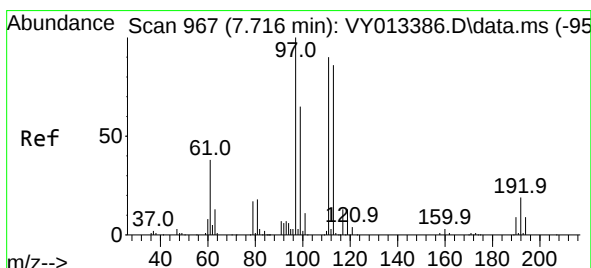
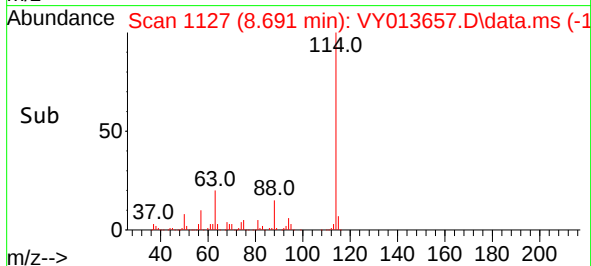
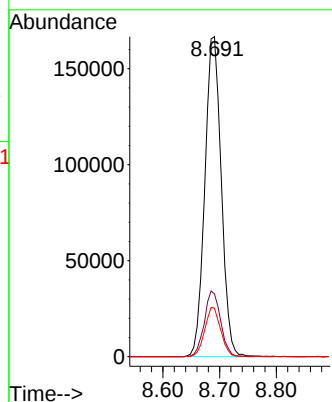
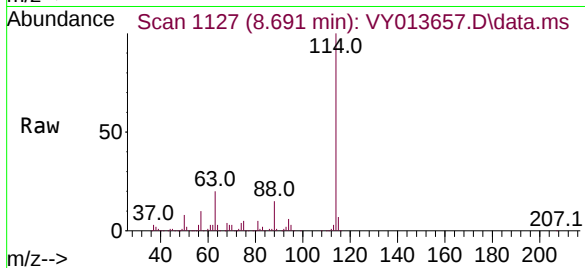
Tgt Ion:114 Resp: 335518

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.075 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY013657.D

Acq: 09 May 2023 10:49

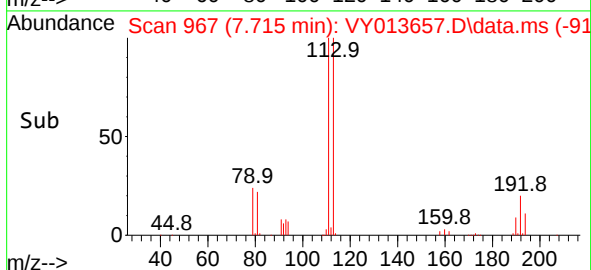
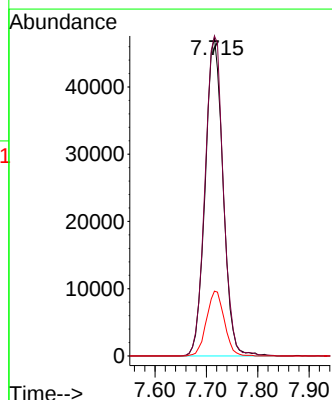
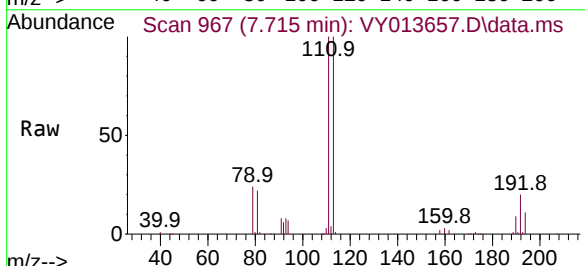
Tgt Ion:113 Resp: 114112

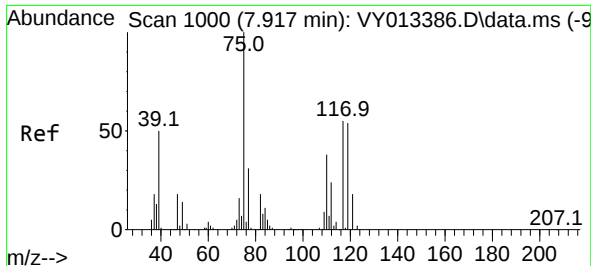
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 20.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.314 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013657.D

Acq: 09 May 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBL01

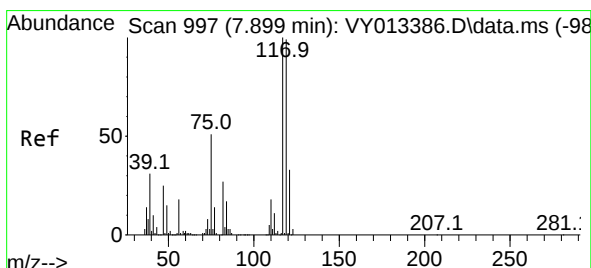
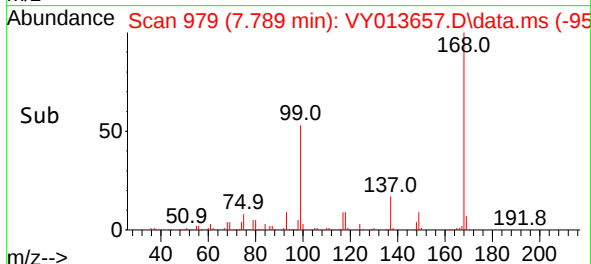
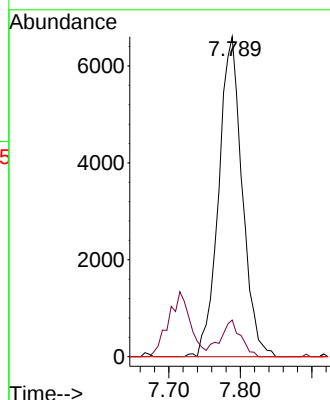
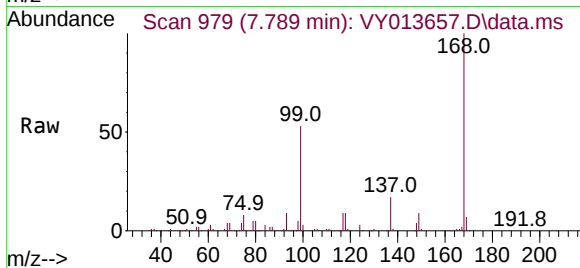
Tgt Ion: 75 Resp: 15107

Ion Ratio Lower Upper

75 100

110 10.0 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.059 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013657.D

Acq: 09 May 2023 10:49

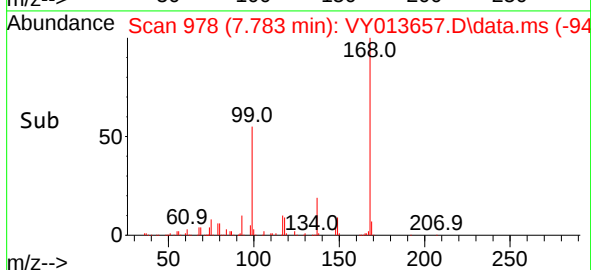
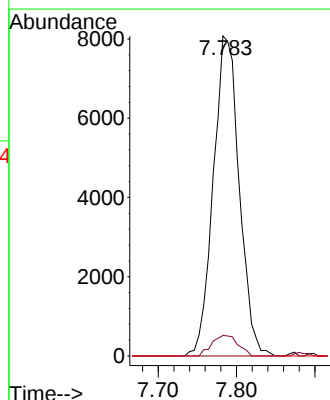
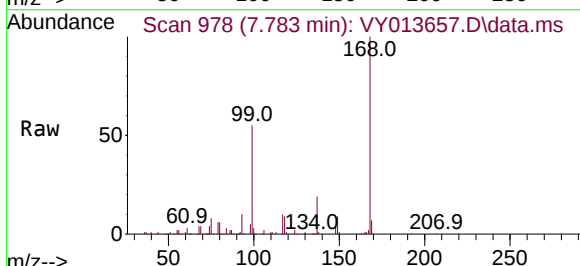
Tgt Ion: 117 Resp: 18570

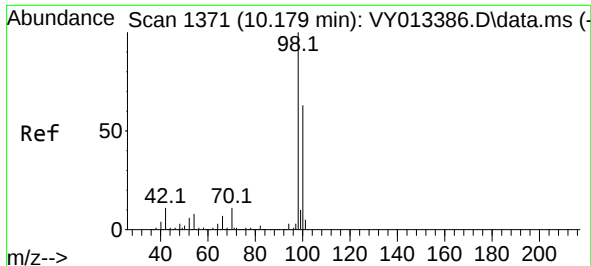
Ion Ratio Lower Upper

117 100

119 6.4 79.0 118.6#

121 0.0 26.6 40.0#

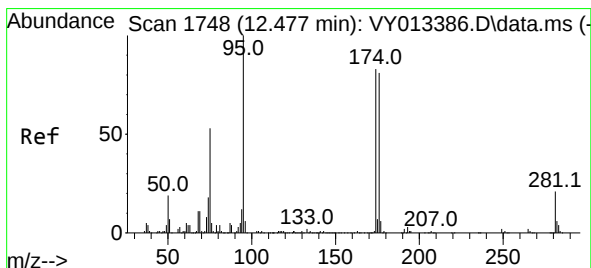
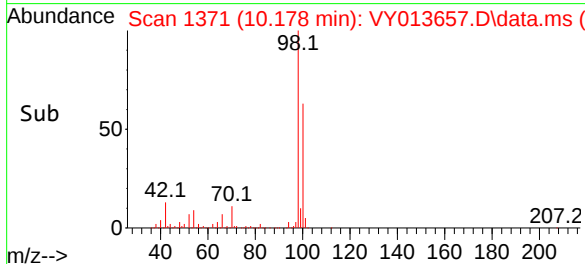
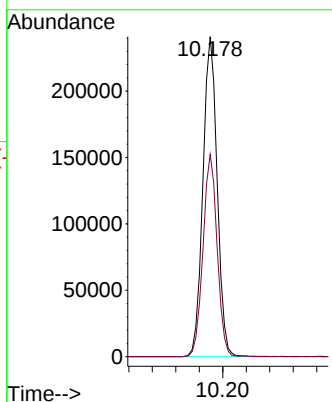
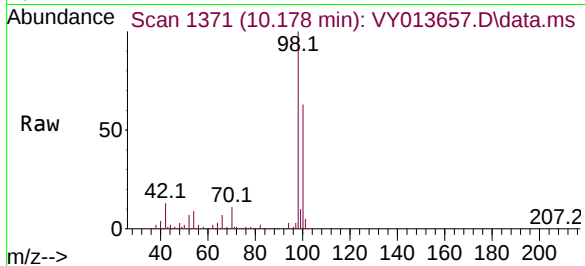




#50
Toluene-d8
Concen: 54.147 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

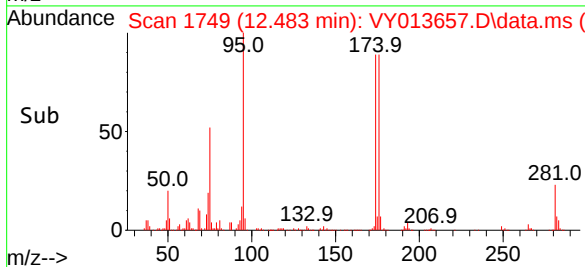
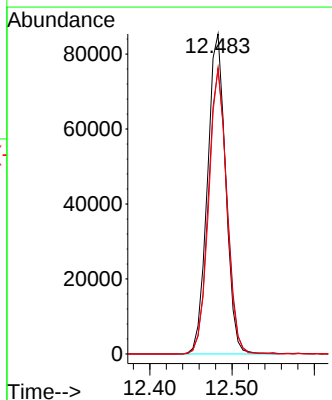
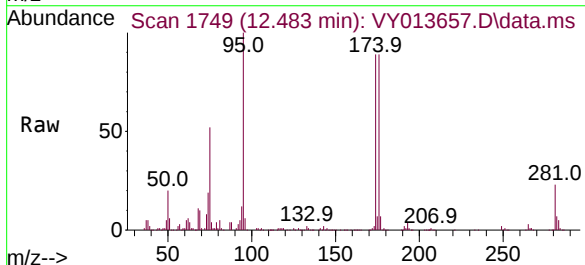
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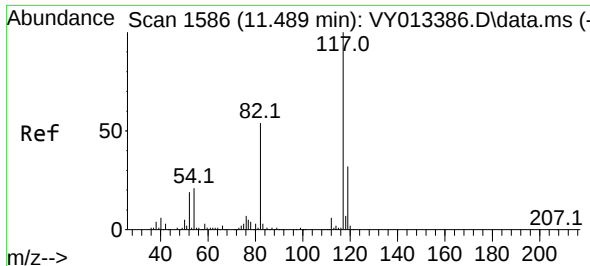
Tgt Ion: 98 Resp: 406484
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.905 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

Tgt Ion: 95 Resp: 131361
Ion Ratio Lower Upper
95 100
174 90.7 0.0 182.0
176 88.1 0.0 175.4

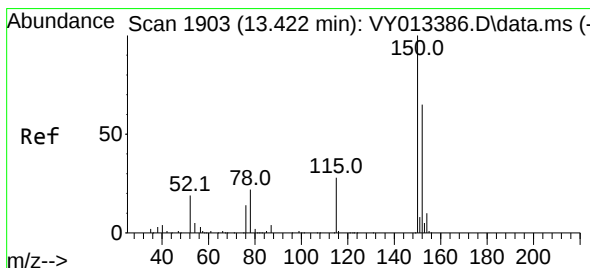
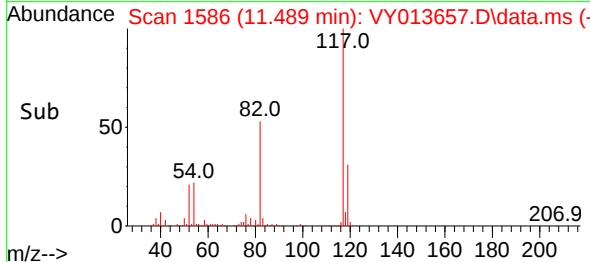
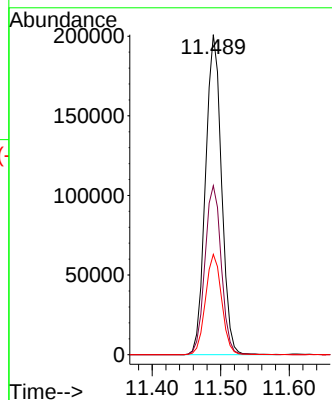
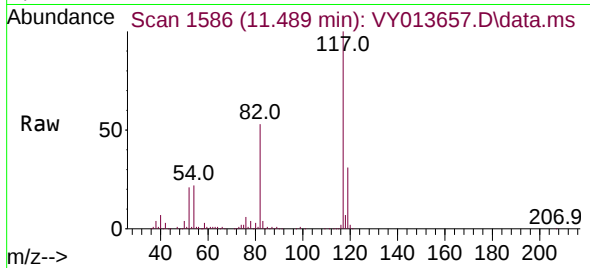




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

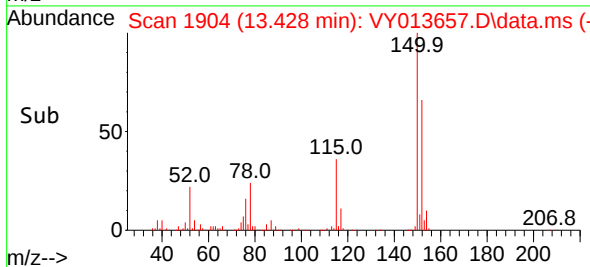
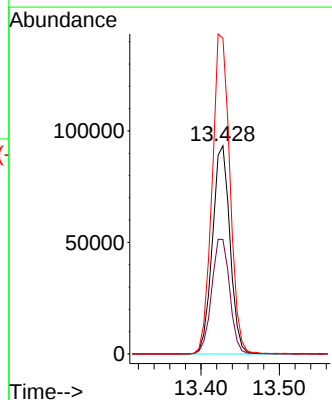
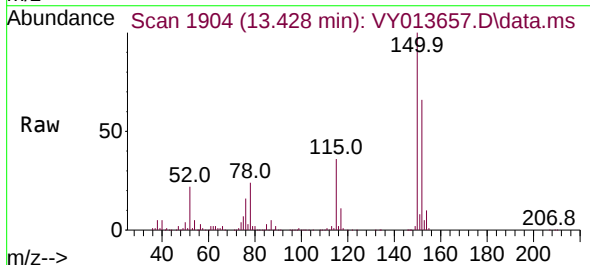
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBL01

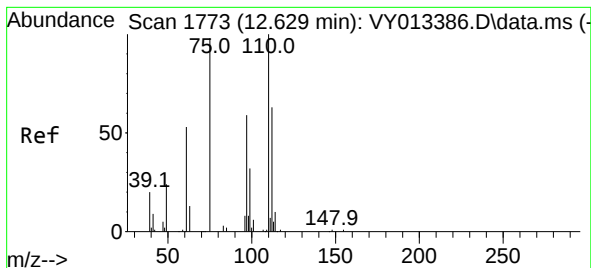
Tgt Ion:117 Resp: 326408
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.6
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

Tgt Ion:152 Resp: 145341
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.2
150 155.3 0.0 352.0

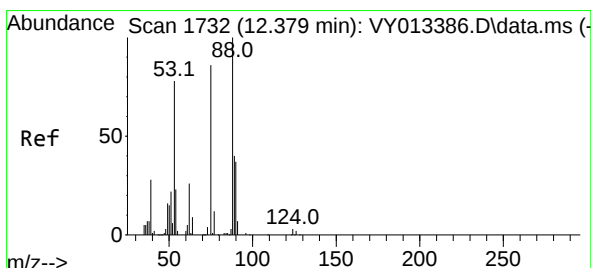
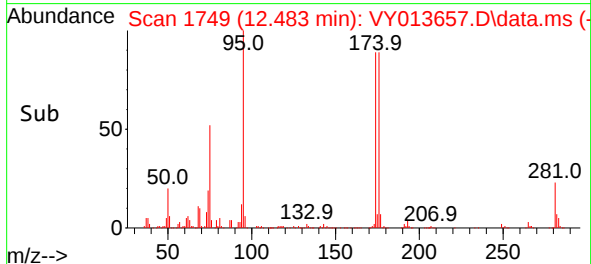
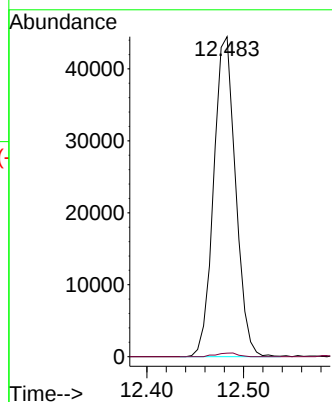
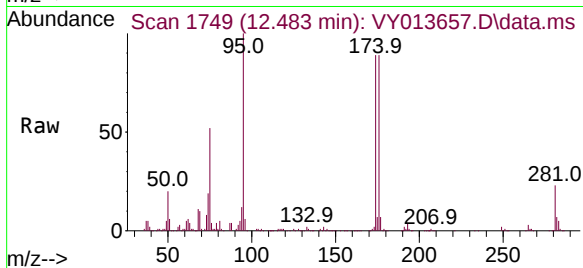




#76
1,2,3-Trichloropropane
Concen: 35.700 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBL01

Tgt Ion: 75 Resp: 69976
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.027 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

Tgt Ion: 75 Resp: 69976
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.2 38.0 57.0#

