

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013675.D
 Acq On : 09 May 2023 17:55
 Operator : KP/MD
 Sample : 02624-03RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WZ-2B

Quant Time: May 10 05:40:51 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)

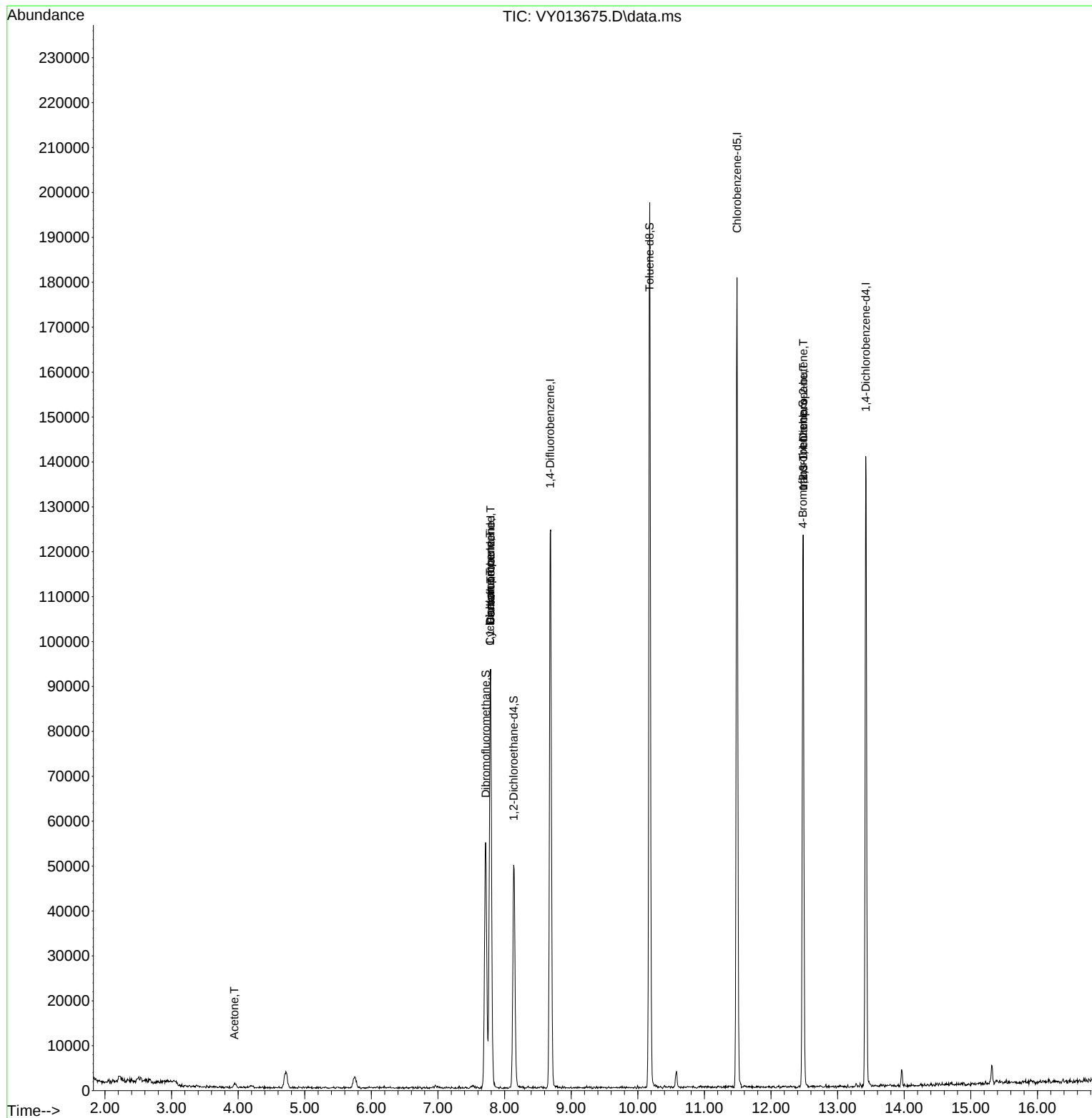
Internal Standards						
1) Pentafluorobenzene	7.789	168	73225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	106935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	97261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41687	51.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.860%	
35) Dibromofluoromethane	7.716	113	37738	56.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.220%	
50) Toluene-d8	10.179	98	129495	54.123	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.477	95	33920	42.053	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.100%	
Target Compounds						
					Qvalue	
13) Acrolein	3.729	56	45	Below Cal	#	16
16) Acetone	3.942	43	1602	5.068	ug/l #	68
20) Methylene Chloride	4.704	84	1499	Below Cal	#	90
31) Cyclohexane	7.783	56	1779	1.238	ug/l #	40
36) 1,1-Dichloropropene	7.783	75	5504	4.931	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7311	6.249	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	18337	36.849	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18337	75.376	ug/l #	12

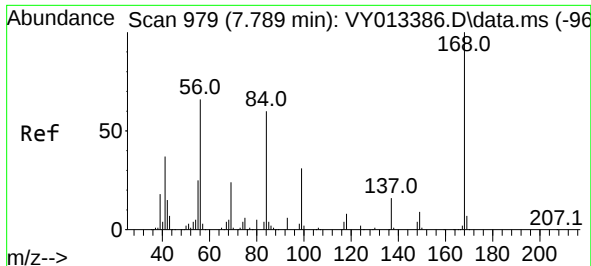
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
Data File : VY013675.D
Acq On : 09 May 2023 17:55
Operator : KP/MD
Sample : 02624-03RE
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

Quant Time: May 10 05:40:51 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

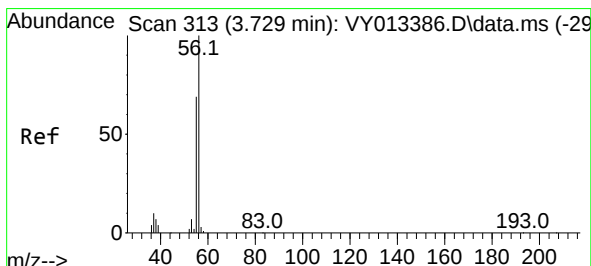
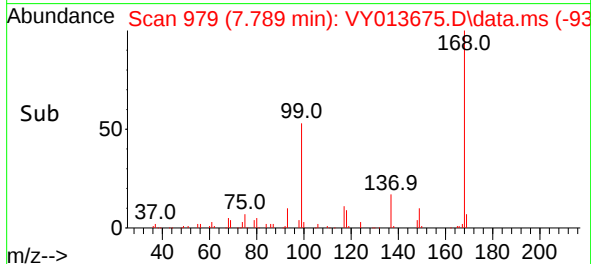
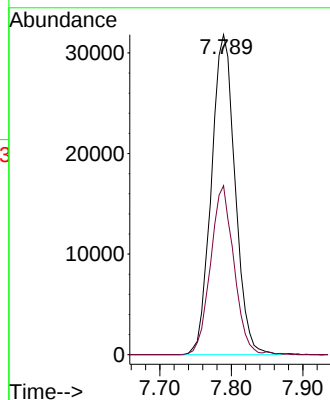
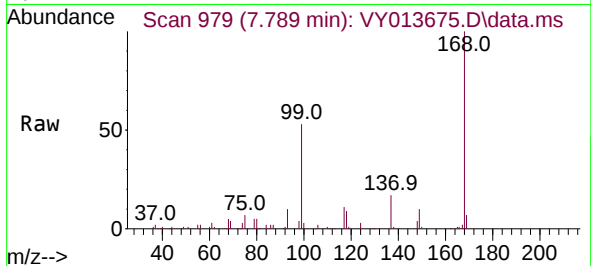




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

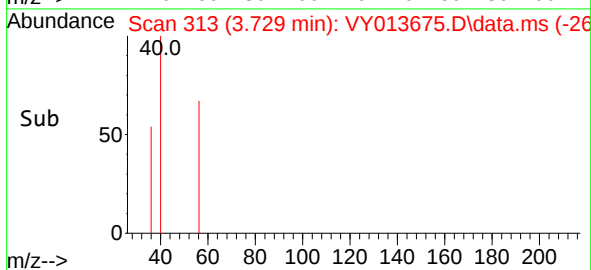
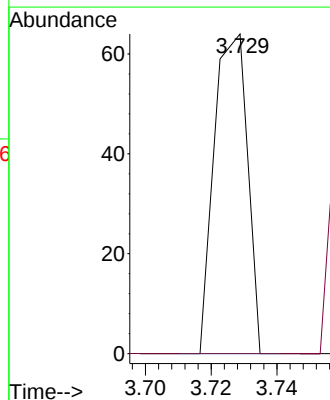
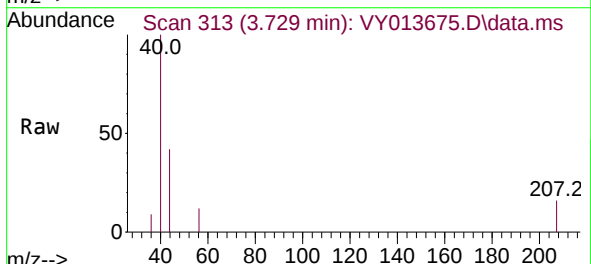
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

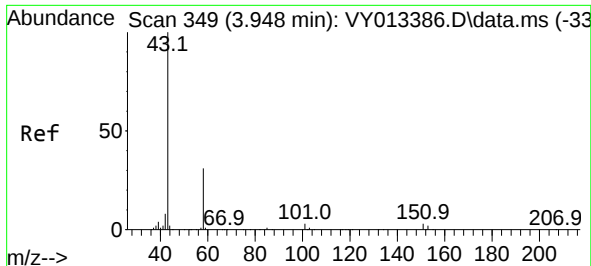
Tgt Ion:168 Resp: 73225
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

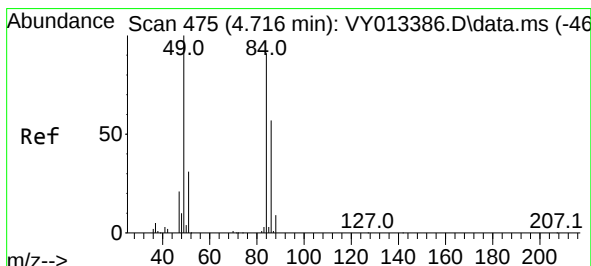
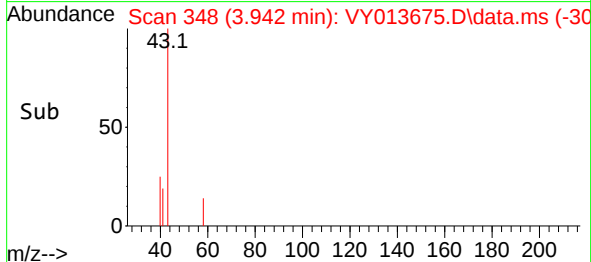
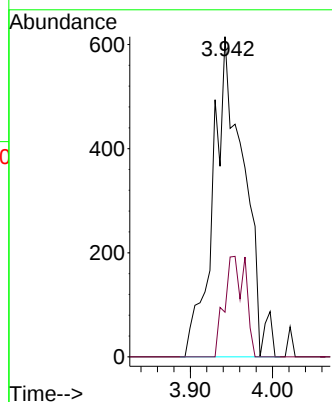
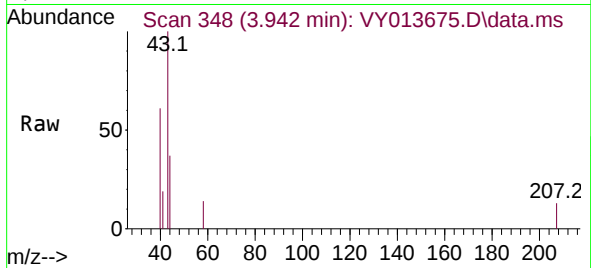




#16
Acetone
Concen: 5.068 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

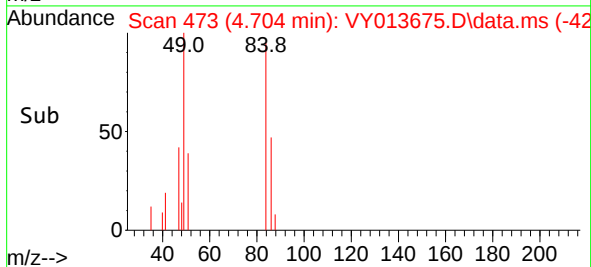
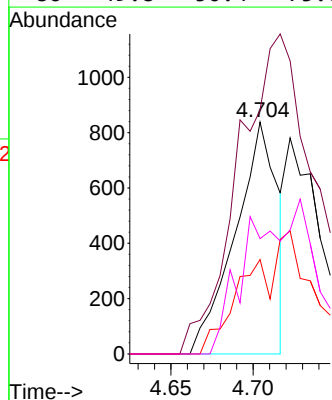
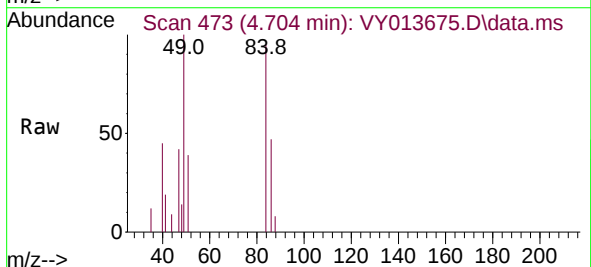
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

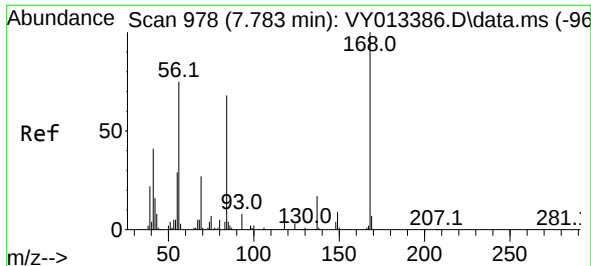
Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
58 14.0 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Tgt Ion: 84 Resp: 1499
Ion Ratio Lower Upper
84 100
49 105.1 88.0 132.0
51 40.7 27.4 41.0
86 49.8 50.4 75.6#

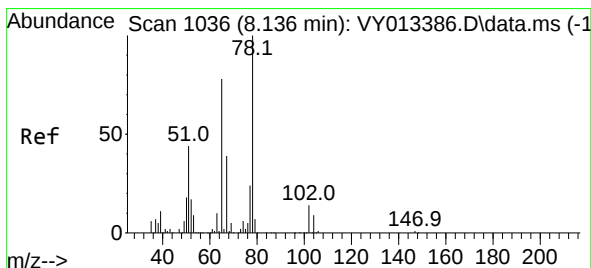
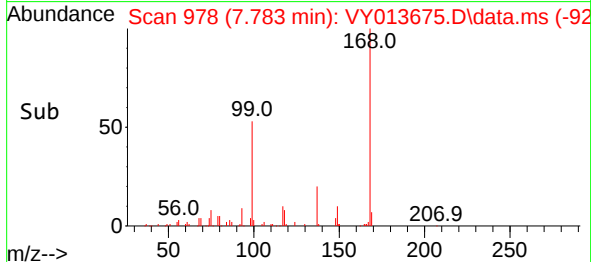
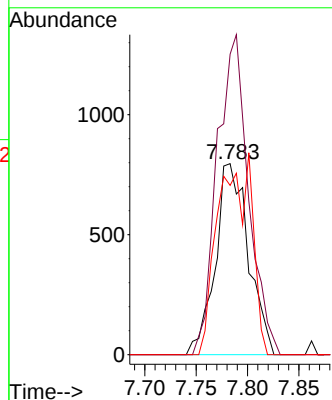
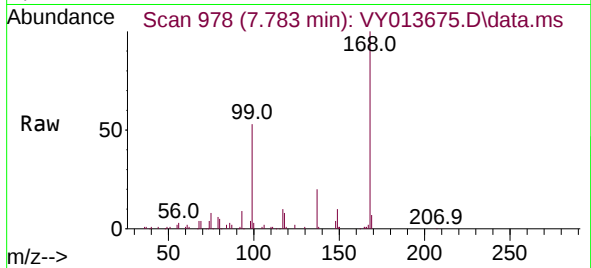




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

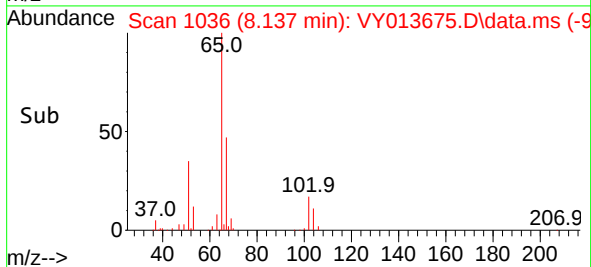
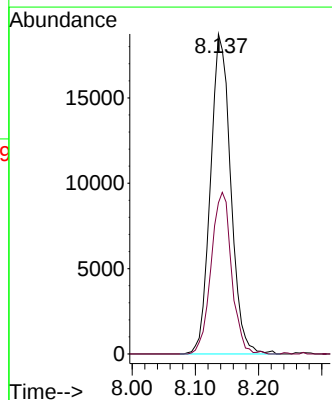
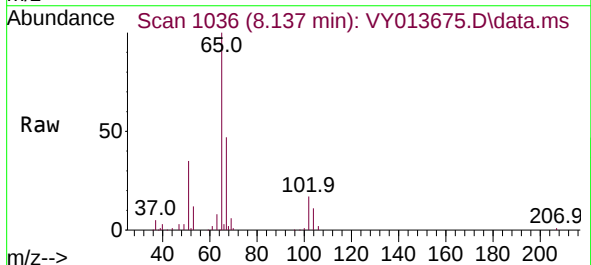
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

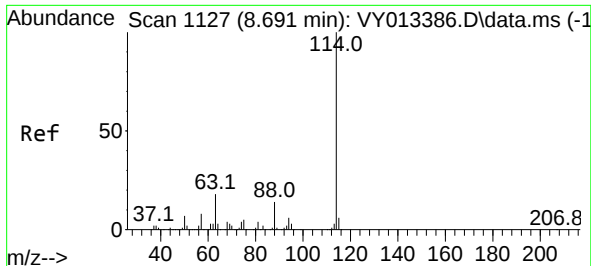
Tgt Ion: 56 Resp: 1779
Ion Ratio Lower Upper
56 100
69 157.3 29.2 43.8#
84 88.6 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 51.933 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Tgt Ion: 65 Resp: 41687
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013675.D

Acq: 09 May 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

WZ-2B

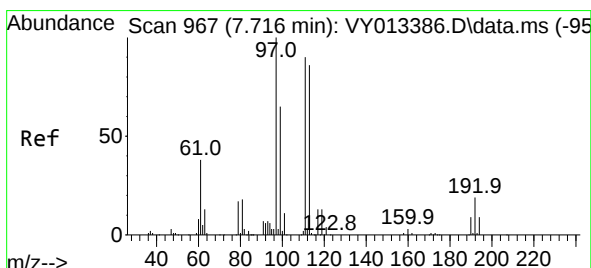
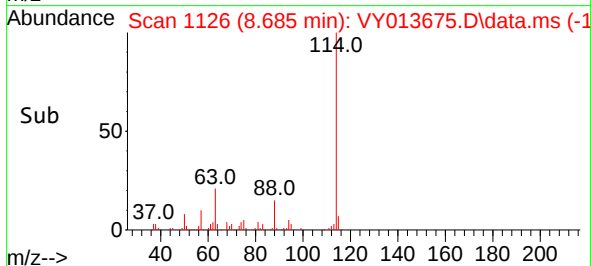
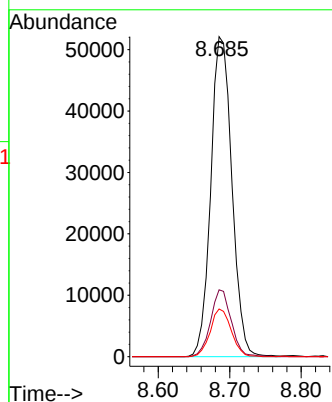
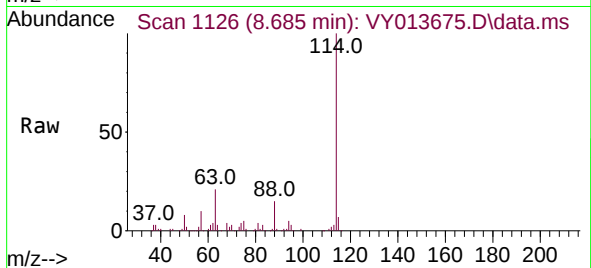
Tgt Ion:114 Resp: 106935

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 56.110 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013675.D

Acq: 09 May 2023 17:55

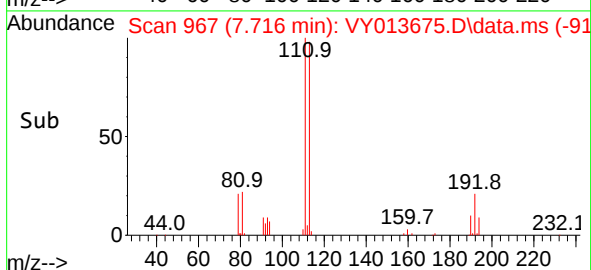
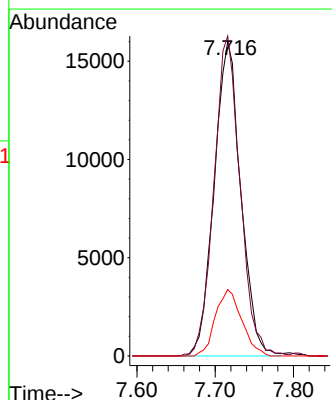
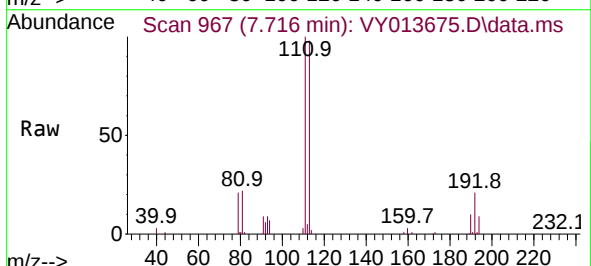
Tgt Ion:113 Resp: 37738

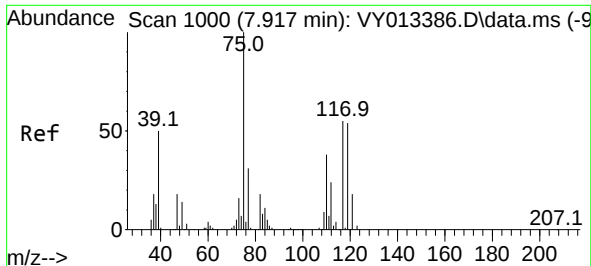
Ion Ratio Lower Upper

113 100

111 100.1 82.2 123.2

192 20.9 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.931 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013675.D

Acq: 09 May 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

WZ-2B

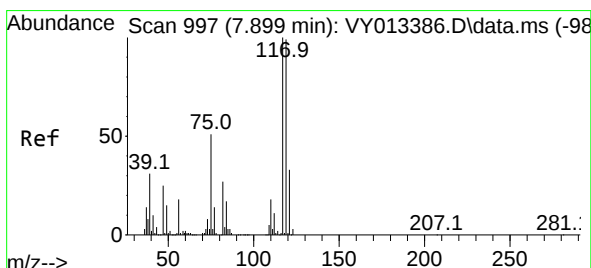
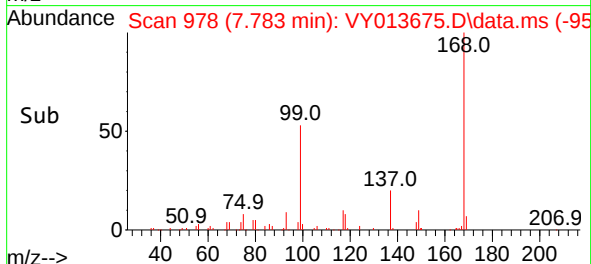
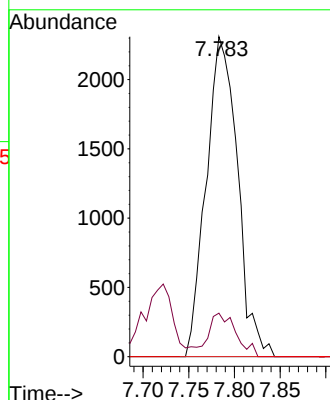
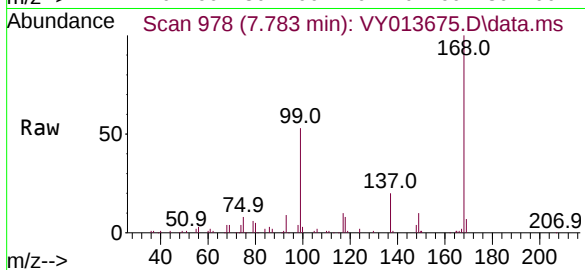
Tgt Ion: 75 Resp: 5504

Ion Ratio Lower Upper

75 100

110 11.8 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.249 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013675.D

Acq: 09 May 2023 17:55

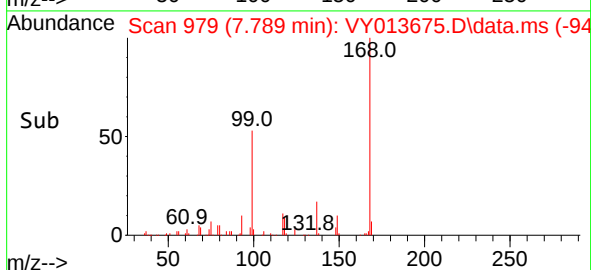
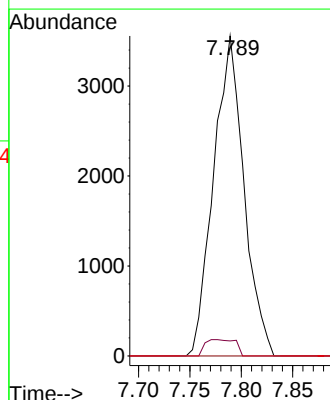
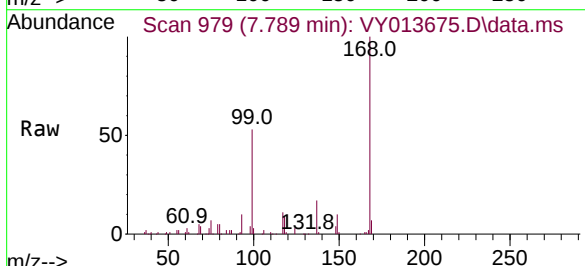
Tgt Ion: 117 Resp: 7311

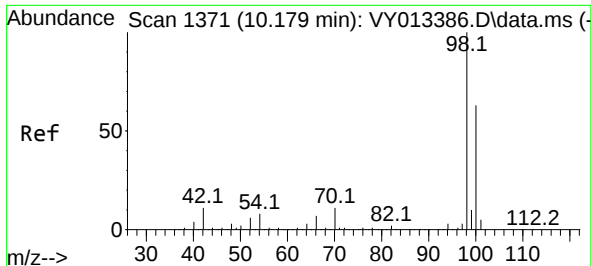
Ion Ratio Lower Upper

117 100

119 4.7 79.0 118.6#

121 0.0 26.6 40.0#

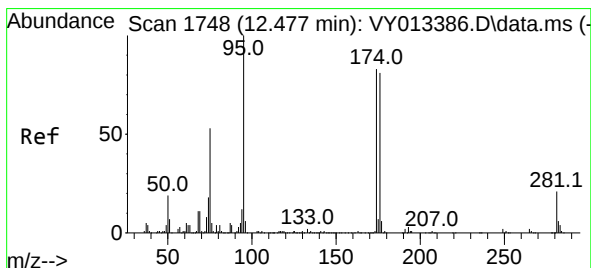
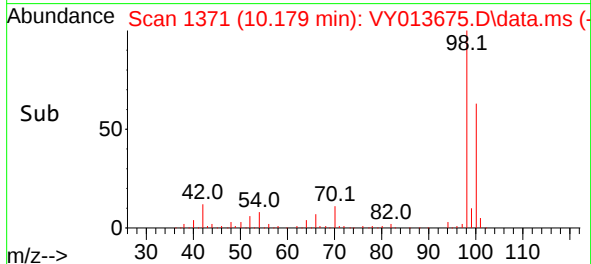
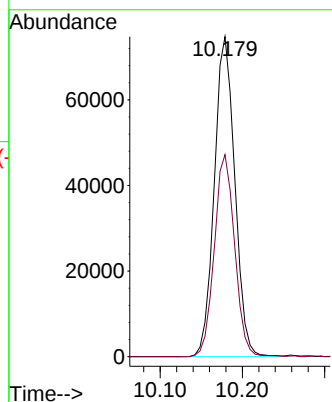
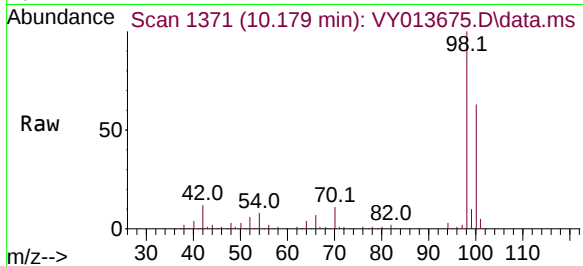




#50
Toluene-d8
Concen: 54.123 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

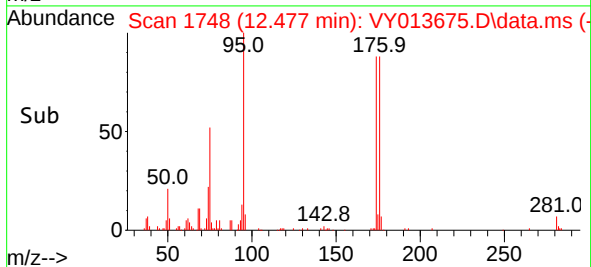
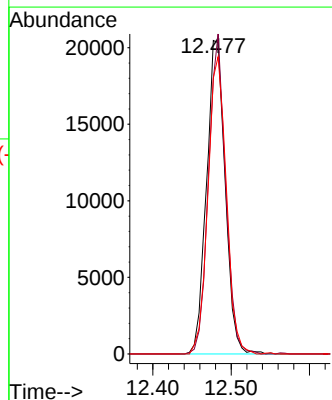
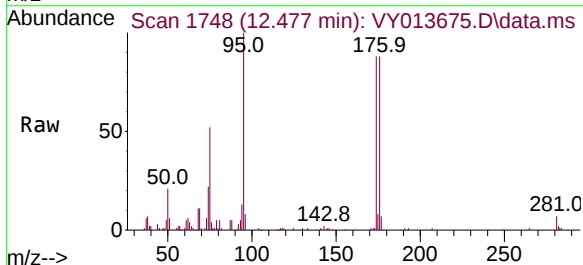
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

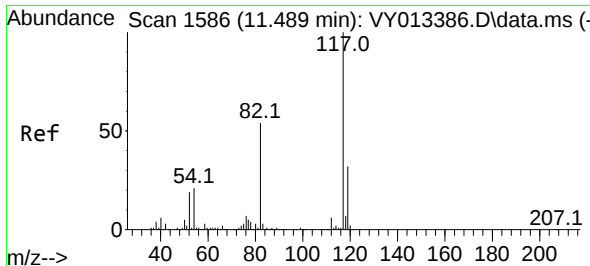
Tgt Ion: 98 Resp: 129495
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.053 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Tgt Ion: 95 Resp: 33920
Ion Ratio Lower Upper
95 100
174 93.3 0.0 182.0
176 92.9 0.0 175.4

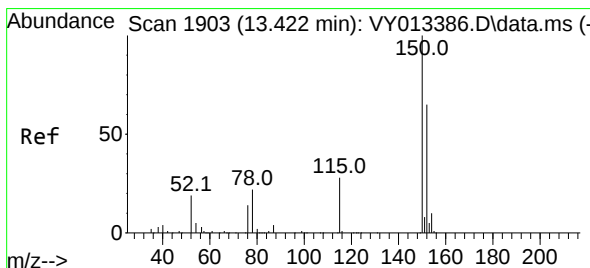
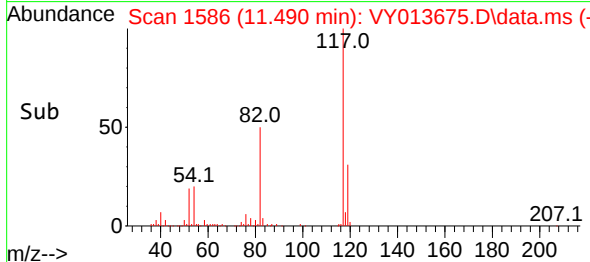
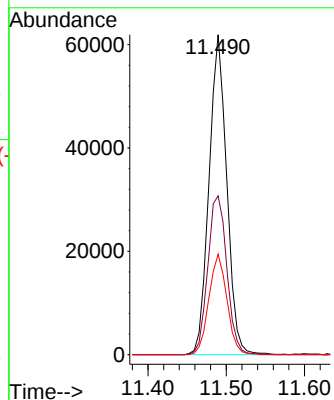
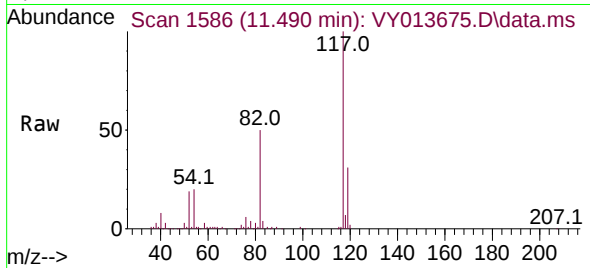




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

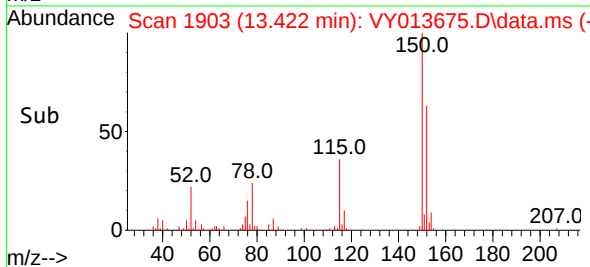
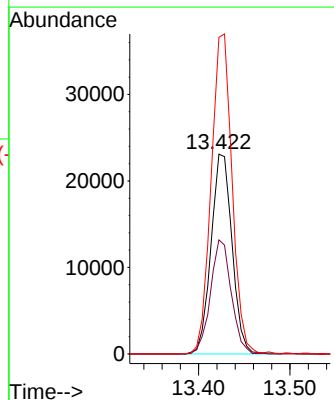
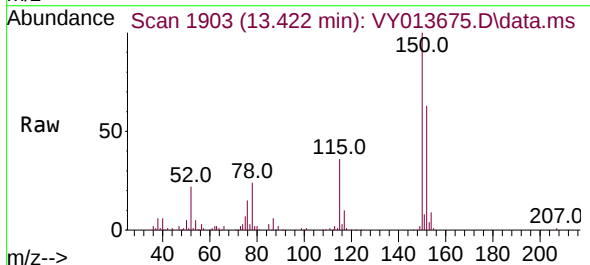
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

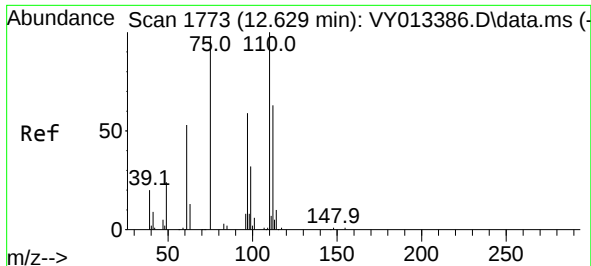
Tgt Ion:	117	Resp:	97261
Ion	Ratio	Lower	Upper
117	100		
82	49.7	43.0	64.6
119	31.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Tgt Ion:	152	Resp:	36899
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.1	84.2
150	158.8	0.0	352.0

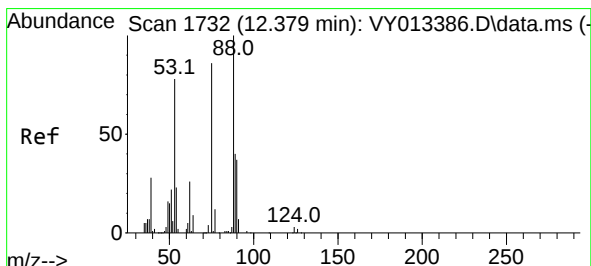
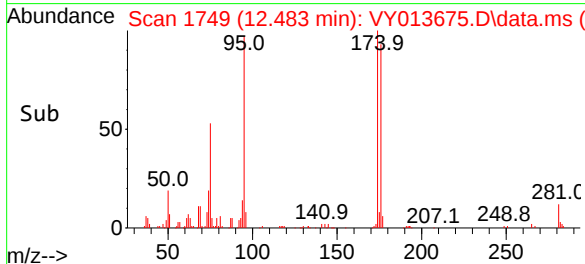
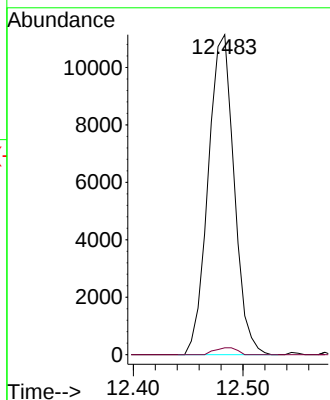
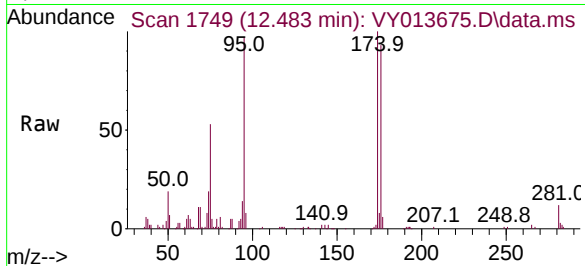




#76
1,2,3-Trichloropropane
Concen: 36.849 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

Tgt Ion: 75 Resp: 18337
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Tgt Ion: 75 Resp: 18337
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.0 38.0 57.0#

