

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018377.D
 Acq On : 28 May 2024 13:44
 Operator : SY/MD
 Sample : VY0528SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 29 01:16:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

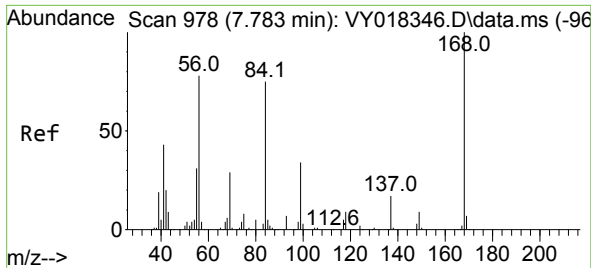
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	131252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	198472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63952	51.429	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.860%			
35) Dibromofluoromethane	7.710	113	66514	48.178	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.360%			
50) Toluene-d8	10.173	98	268841	49.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.477	95	78377	47.124	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.240%			
Target Compounds						
11) Tert butyl alcohol	4.905	59	120	Below Cal	#	38
13) Acrolein	3.716	56	78	Below Cal	#	15
20) Methylene Chloride	4.698	84	14781	5.754	ug/l	94
25) 2-Butanone	6.954	43	425	1.049	ug/l #	41
31) Cyclohexane	7.783	56	3432	Below Cal	#	14
36) 1,1-Dichloropropene	7.777	75	11897	5.942	ug/l #	49
38) Carbon Tetrachloride	7.777	117	14230	6.939	ug/l #	17
49) 1,4-Dioxane	9.240	88	65	6.219	ug/l #	64
76) 1,2,3-Trichloropropane	12.477	75	41931	58.251	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41931	119.850	ug/l #	16

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

Quant Time: May 29 01:16:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

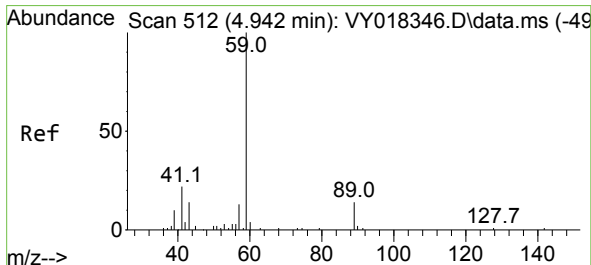
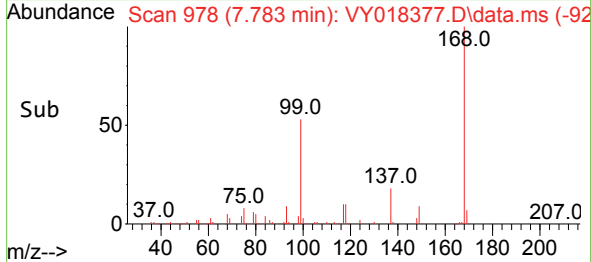
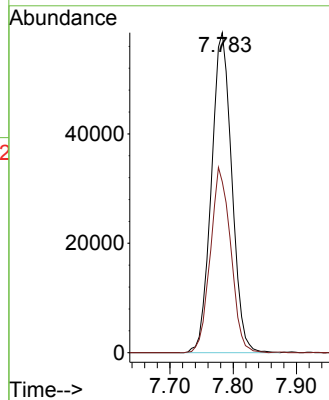
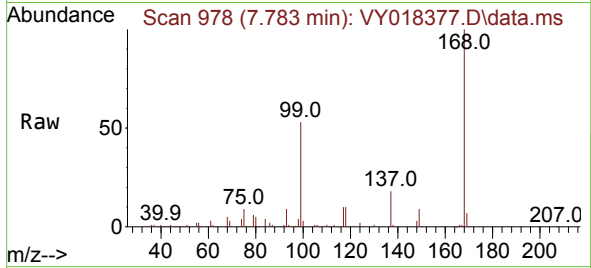




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

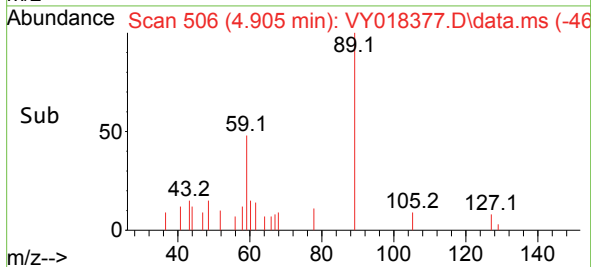
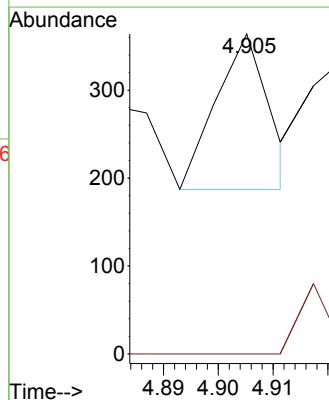
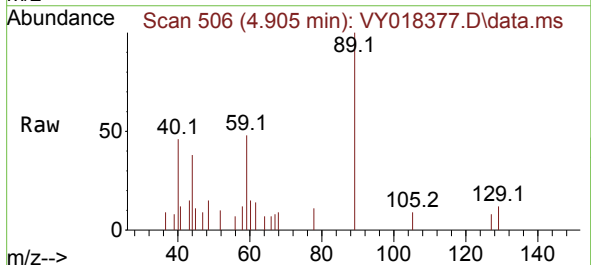
Instrument :
MSVOA_Y
ClientSampleId :

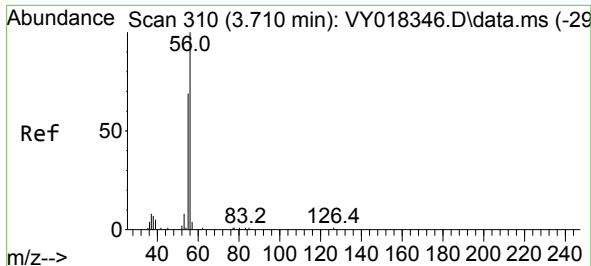
Tgt Ion:168 Resp: 131252
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.037 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

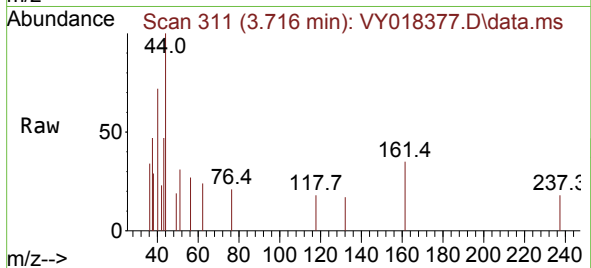
Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 24.2 3.0 4.6#



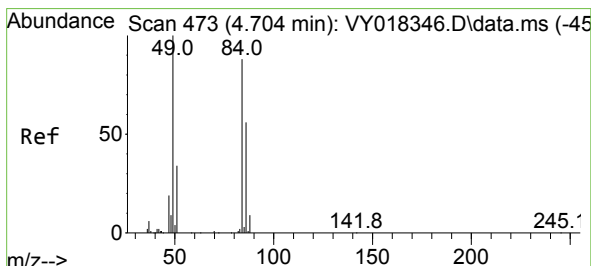
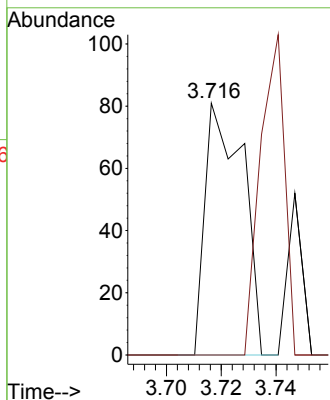
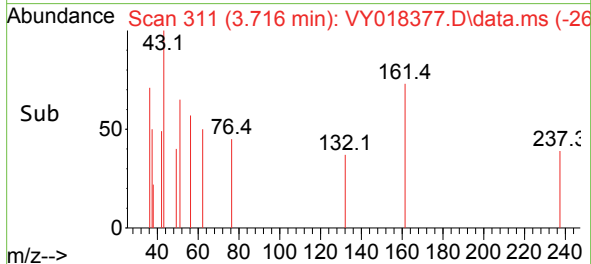


#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

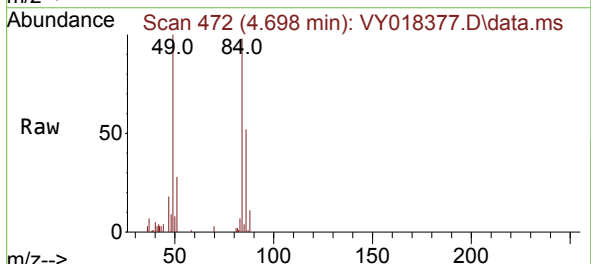
Instrument :
MSVOA_Y
ClientSampleId :



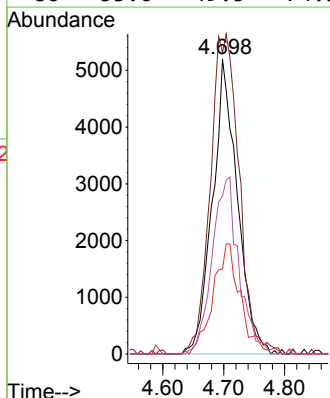
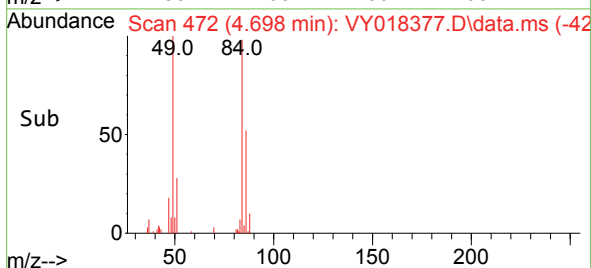
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

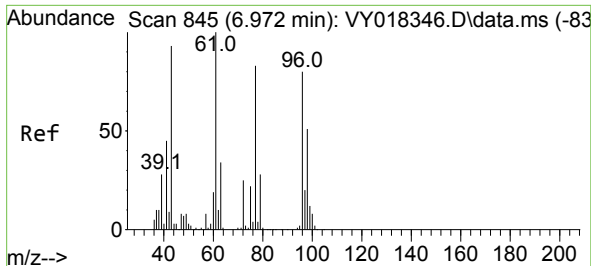


#20
Methylene Chloride
Concen: 5.754 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44



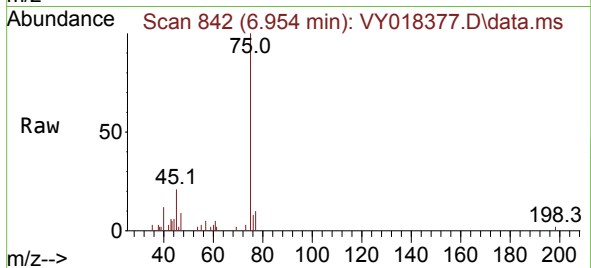
Tgt Ion: 84 Resp: 14781
Ion Ratio Lower Upper
84 100
49 102.3 84.4 126.6
51 28.8 26.0 39.0
86 53.6 49.5 74.3



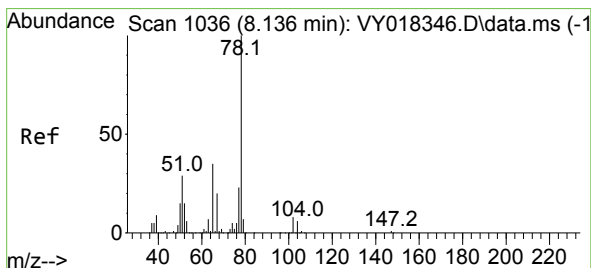
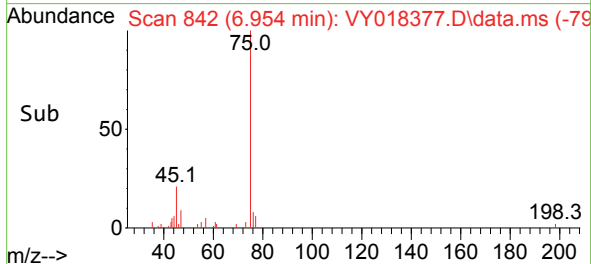
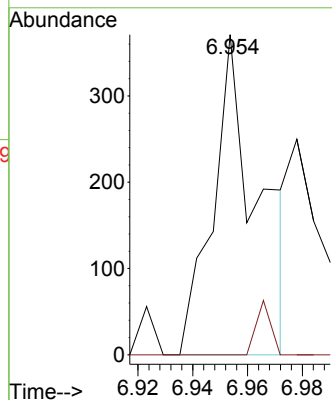


#25
2-Butanone
Concen: 1.049 ug/l
RT: 6.954 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :

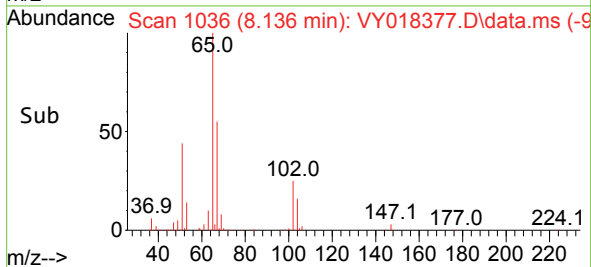
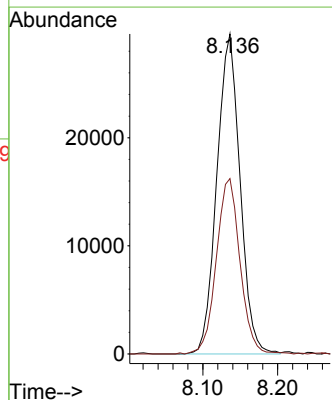
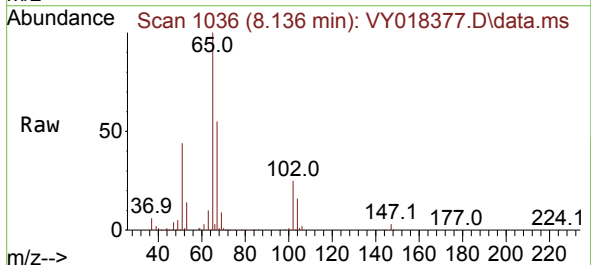


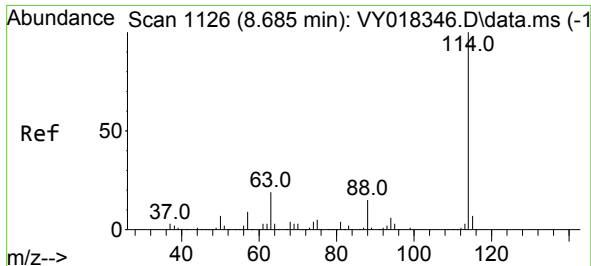
Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 51.429 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

Tgt Ion: 65 Resp: 63952
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018377.D

Acq: 28 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

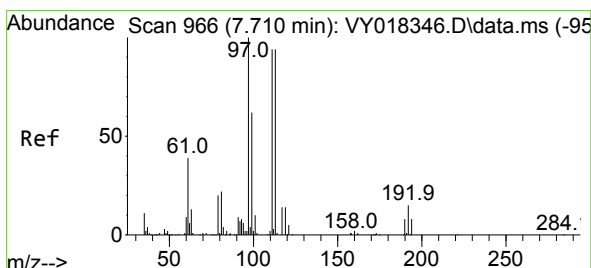
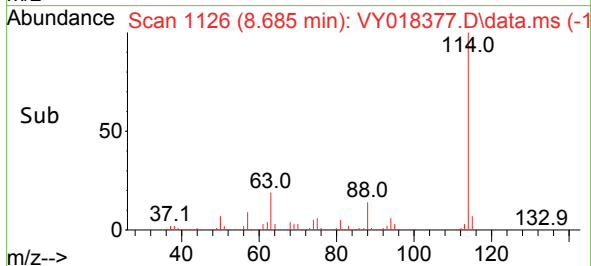
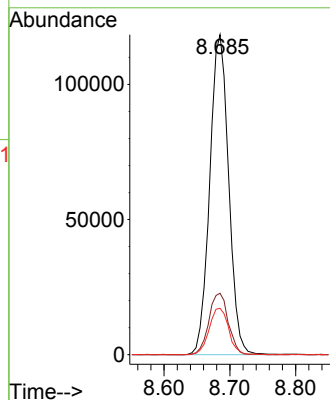
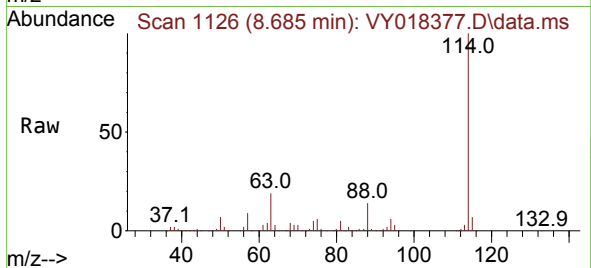
Tgt Ion:114 Resp: 236747

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.178 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY018377.D

Acq: 28 May 2024 13:44

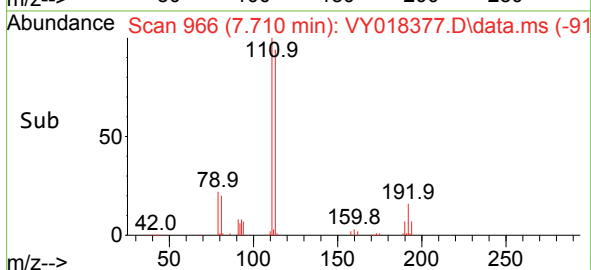
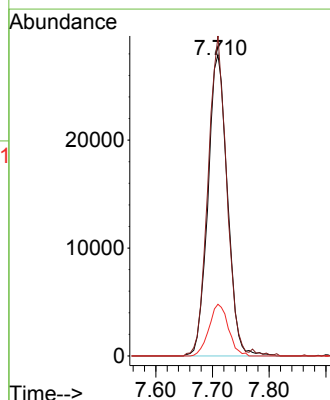
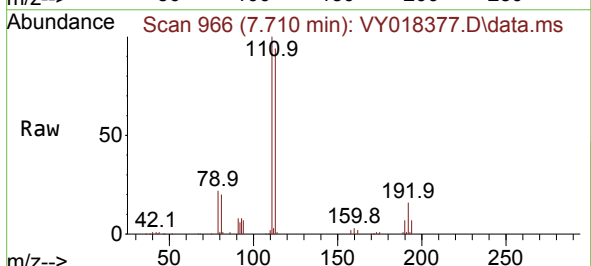
Tgt Ion:113 Resp: 66514

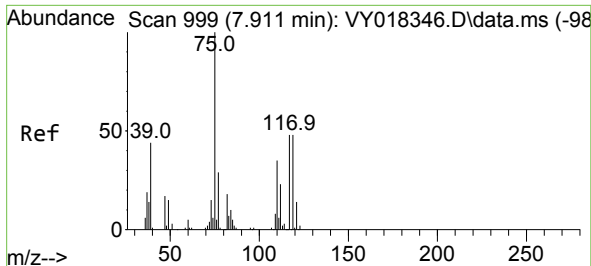
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 17.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.942 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

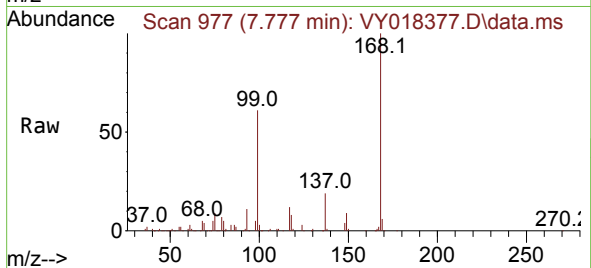
Lab File: VY018377.D

Acq: 28 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :



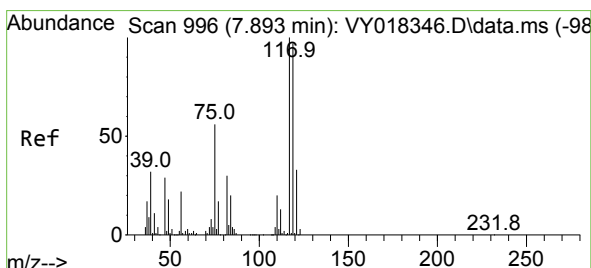
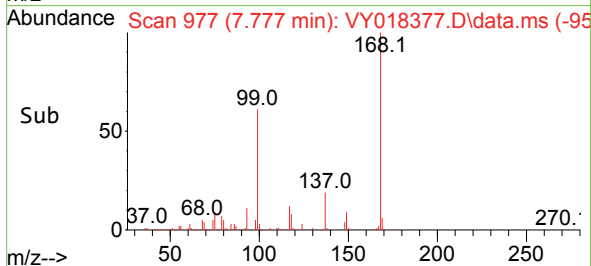
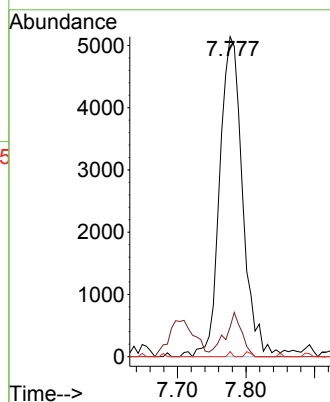
Tgt Ion: 75 Resp: 11897

Ion Ratio Lower Upper

75 100

110 10.1 19.0 57.0#

77 0.3 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.939 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY018377.D

Acq: 28 May 2024 13:44

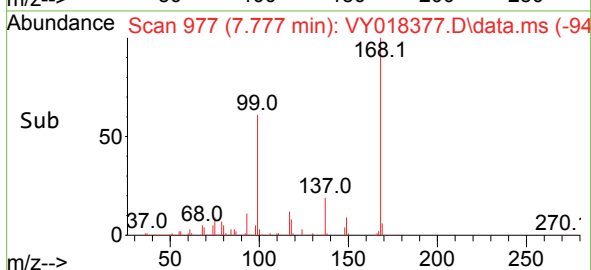
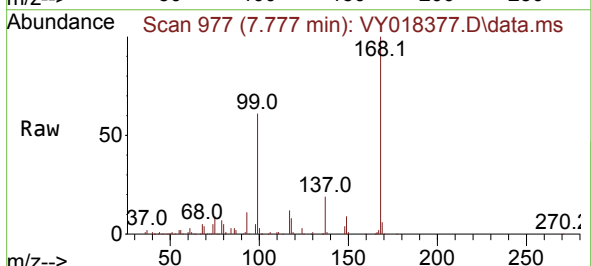
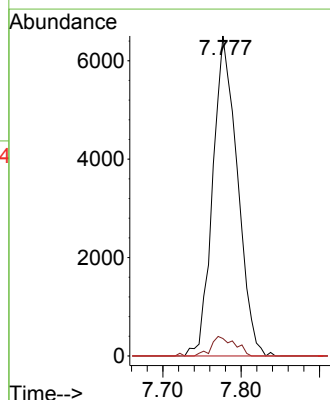
Tgt Ion: 117 Resp: 14230

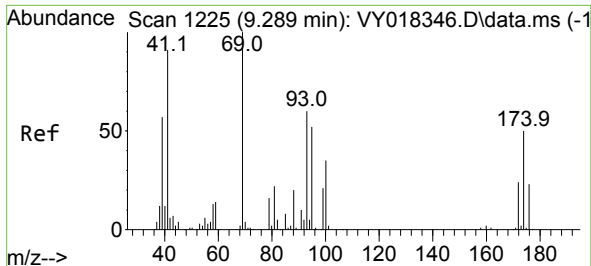
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 6.219 ug/l

RT: 9.240 min Scan# 11

Delta R.T. -0.049 min

Lab File: VY018377.D

Acq: 28 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

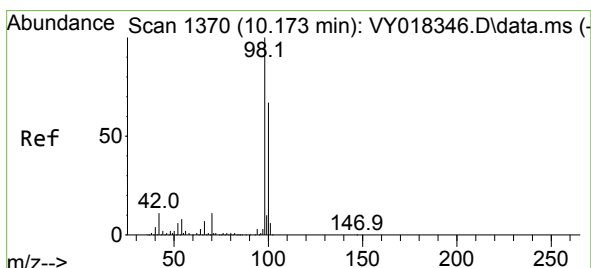
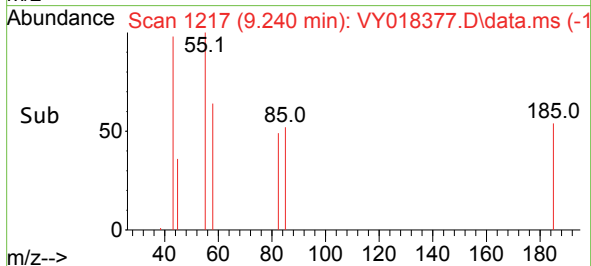
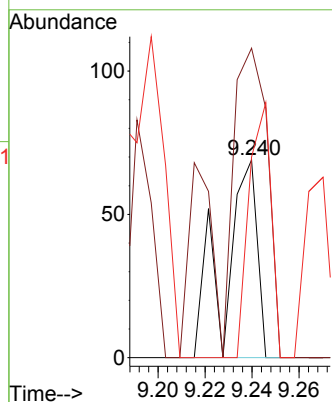
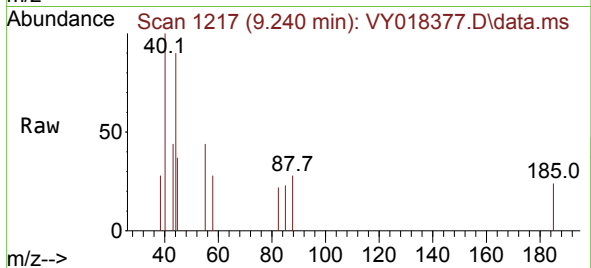
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 235.4 0.0 0.0#

58 89.2 49.3 73.9#



#50

Toluene-d8

Concen: 49.946 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018377.D

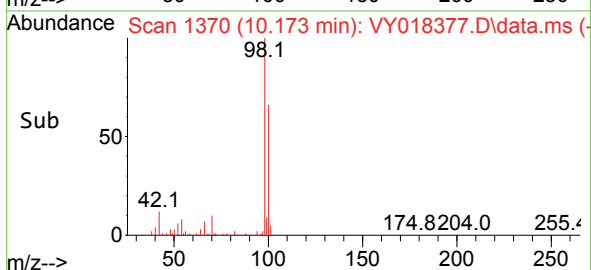
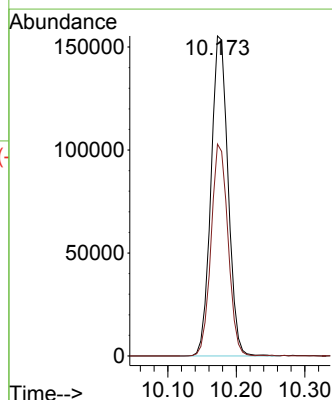
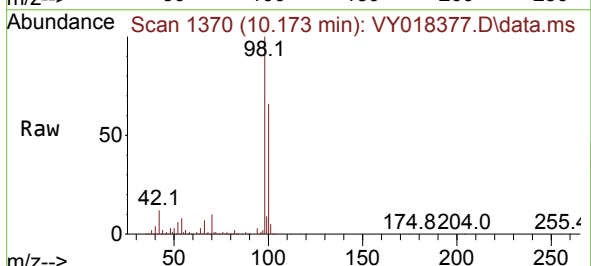
Acq: 28 May 2024 13:44

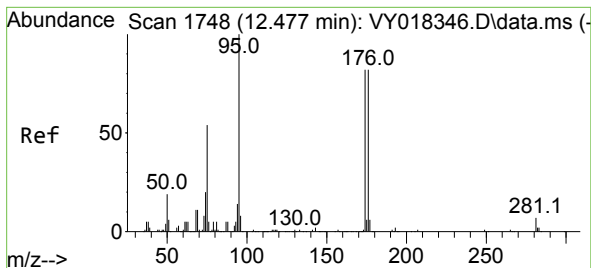
Tgt Ion: 98 Resp: 268841

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0

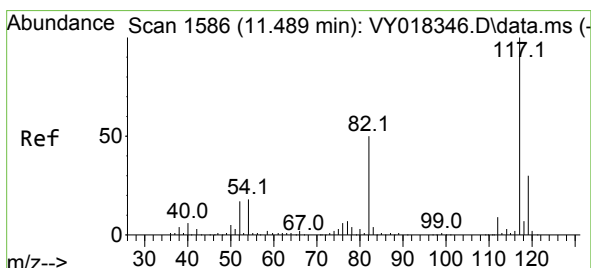
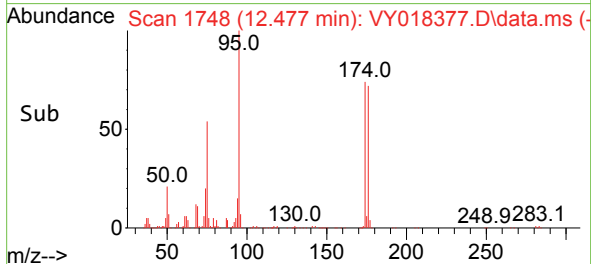
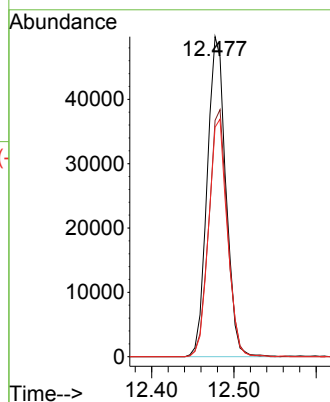
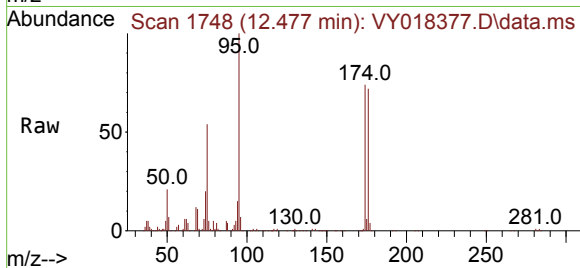




#62
4-Bromofluorobenzene
Concen: 47.124 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

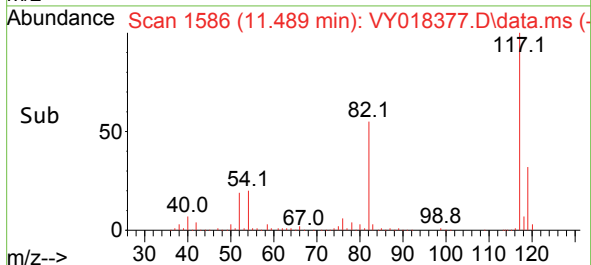
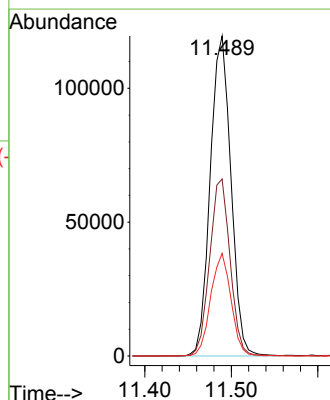
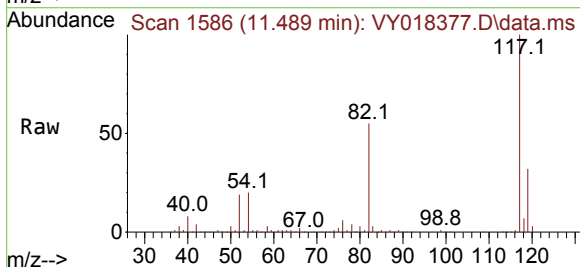
Instrument :
MSVOA_Y
ClientSampleId :

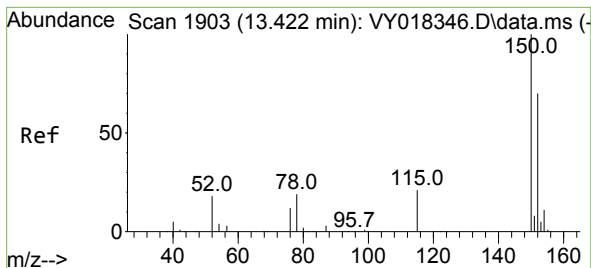
Tgt Ion: 95 Resp: 78377
Ion Ratio Lower Upper
95 100
174 76.8 0.0 175.6
176 74.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

Tgt Ion: 117 Resp: 198472
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018377.D

Acq: 28 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

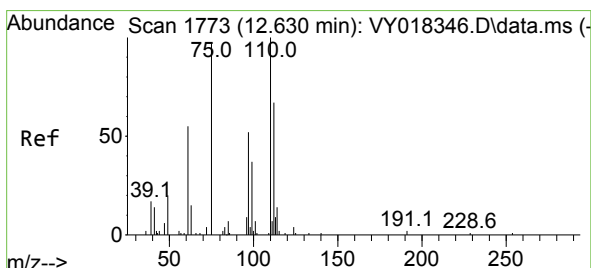
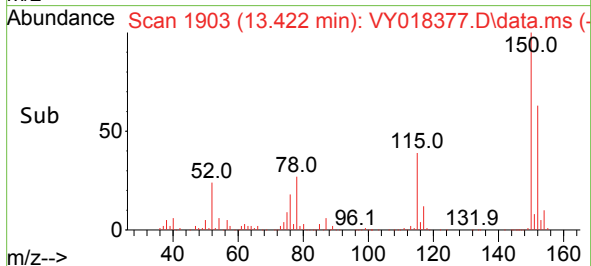
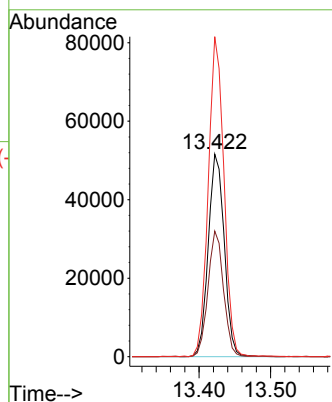
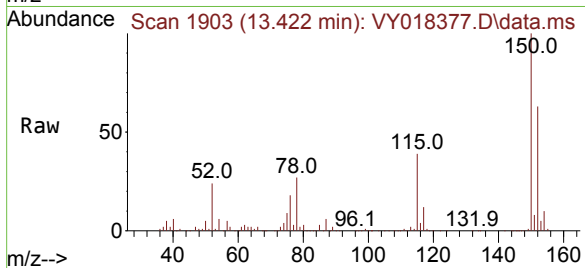
Tgt Ion:152 Resp: 80091

Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 155.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 58.251 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018377.D

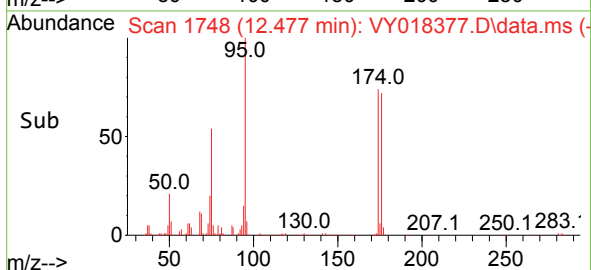
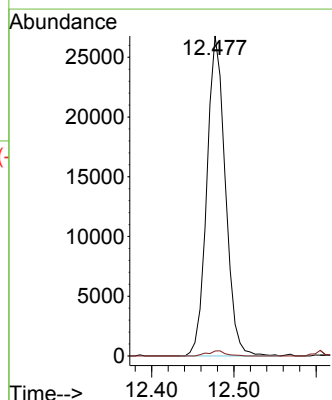
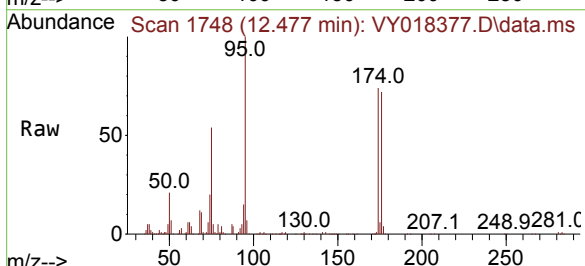
Acq: 28 May 2024 13:44

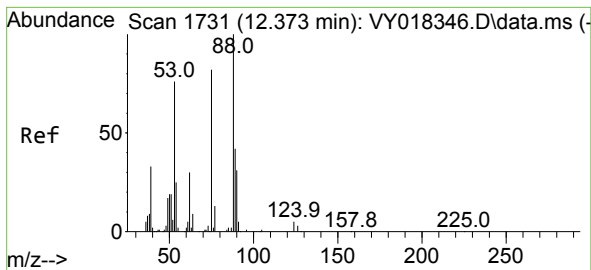
Tgt Ion: 75 Resp: 41931

Ion Ratio Lower Upper

75 100

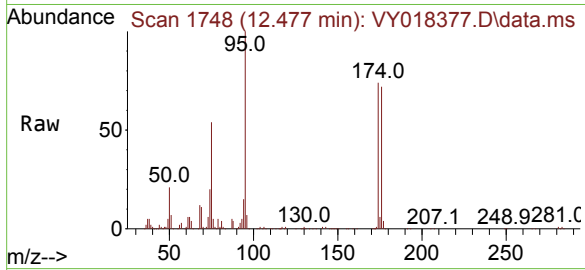
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.850 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018377.D
 Acq: 28 May 2024 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 41931
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.3 35.8 53.6#

