

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018468.D
 Acq On : 04 Jun 2024 16:55
 Operator : SY/MD
 Sample : P2689-02
 Misc : 3.67g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:27:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

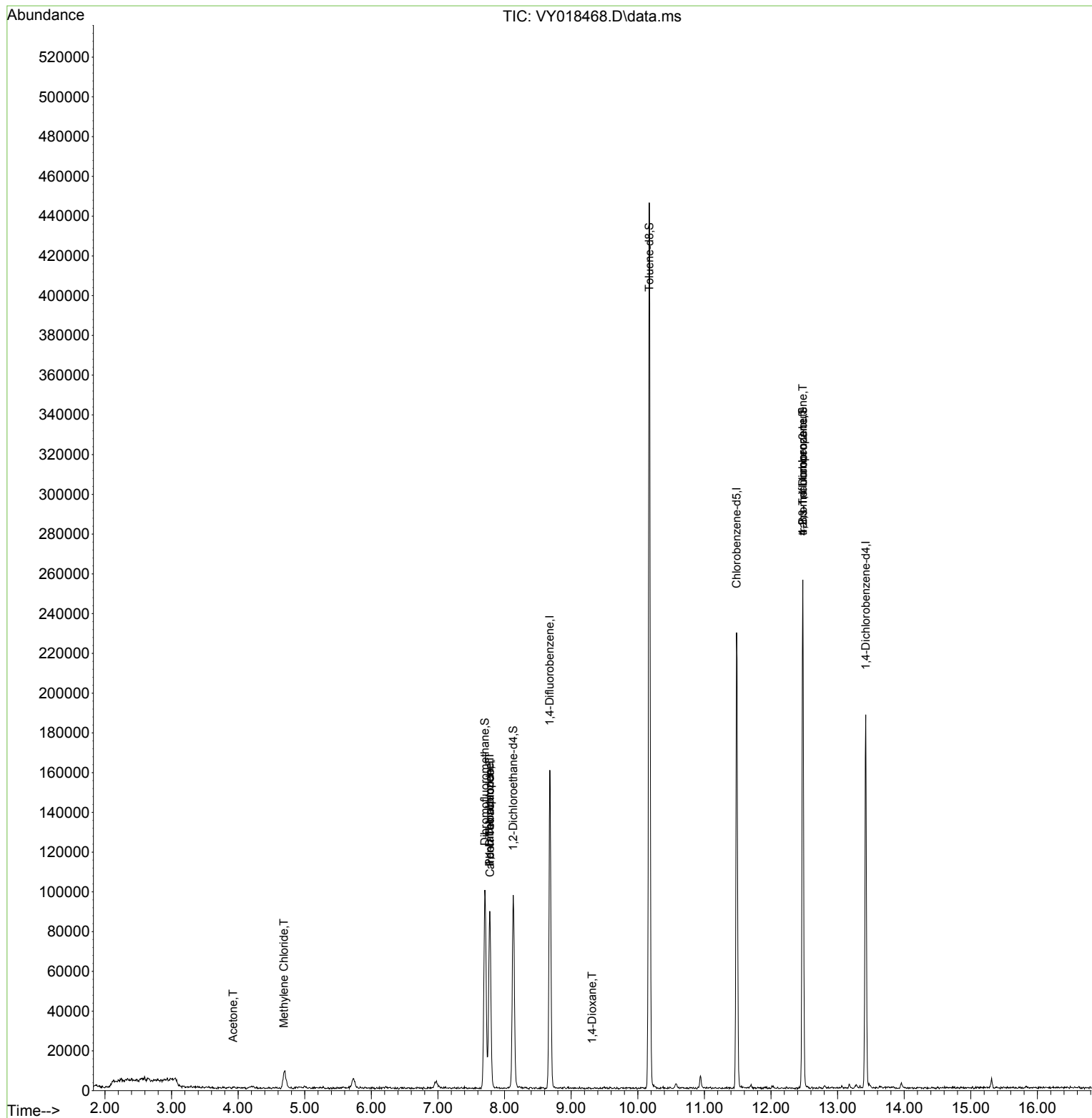
Internal Standards						
1) Pentafluorobenzene	7.777	168	63287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	131098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	118536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	71738	57.720	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.440%			
35) Dibromofluoromethane	7.704	113	71276	42.875	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.760%			
50) Toluene-d8	10.173	98	282546	42.723	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 85.440%			
62) 4-Bromofluorobenzene	12.477	95	76372	37.089	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 74.180%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	154	Below Cal	#	88
16) Acetone	3.924	43	308	1.117	ug/l	97
20) Methylene Chloride	4.686	84	6180	1.149	ug/l #	96
36) 1,1-Dichloropropene	7.777	75	5932	2.340	ug/l #	49
38) Carbon Tetrachloride	7.783	117	6988	2.751	ug/l #	18
49) 1,4-Dioxane	9.313	88	19	1.453	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	41976	78.385	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41976	164.681	ug/l #	16

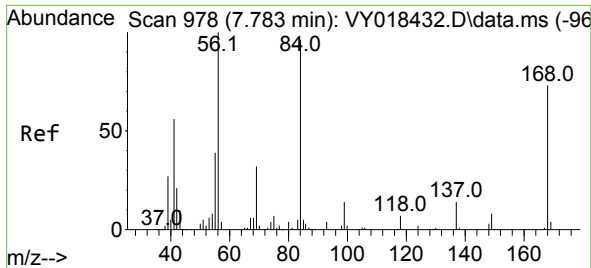
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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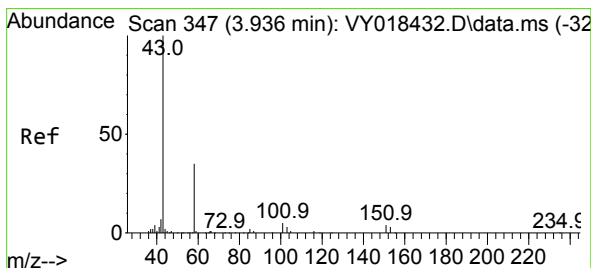
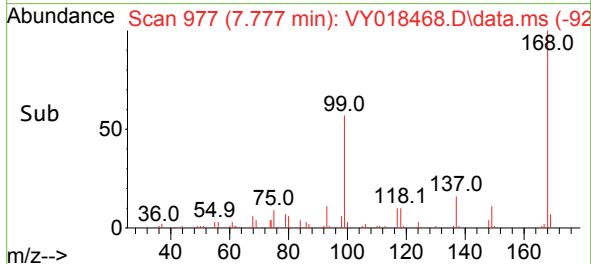
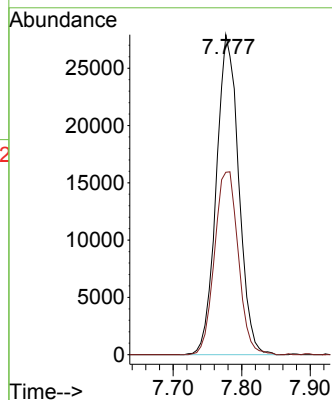
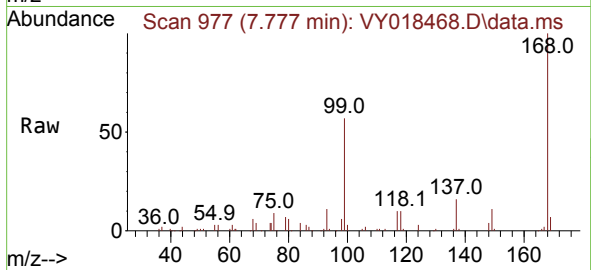




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

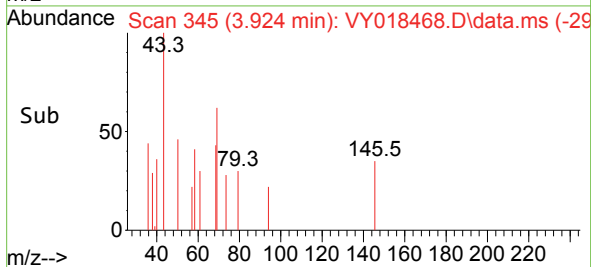
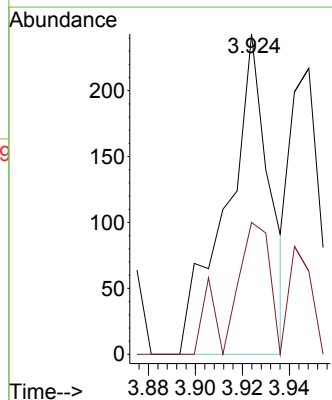
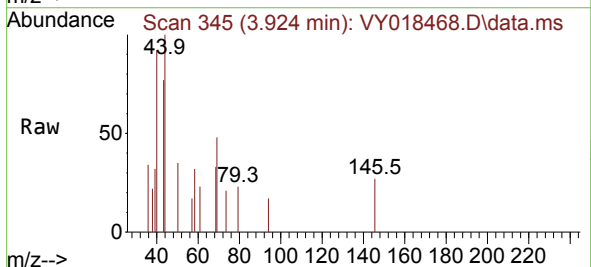
Instrument :
MSVOA_Y
ClientSampleId :

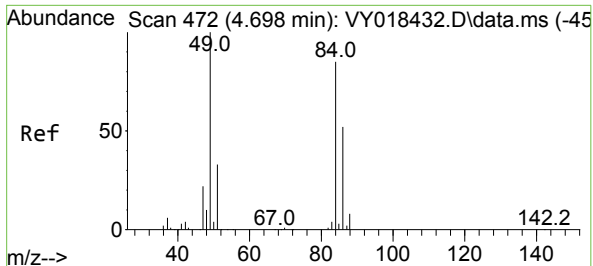
Tgt Ion:168 Resp: 63287
Ion Ratio Lower Upper
168 100
99 57.0 39.1 58.7



#16
Acetone
Concen: 1.117 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

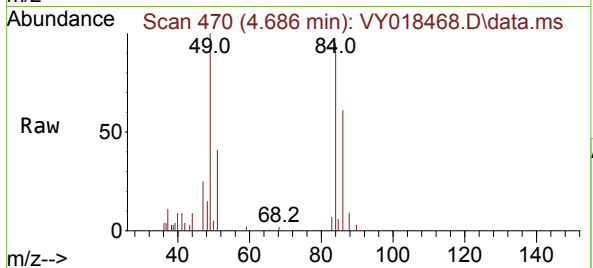
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
58 41.2 31.7 47.5



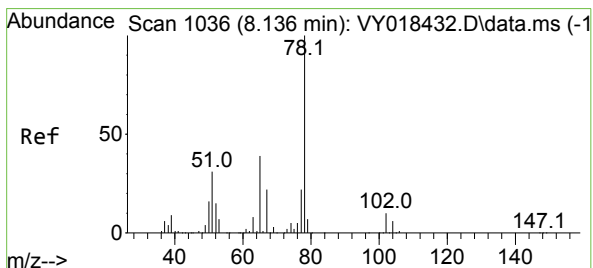
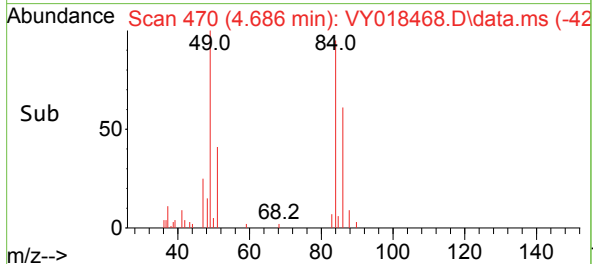
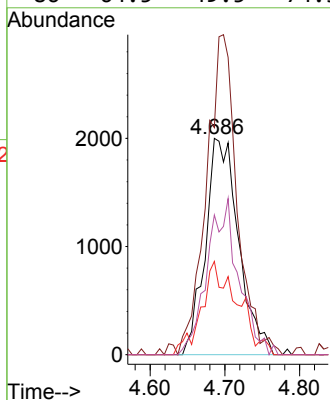


#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 4.686 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

Instrument :
MSVOA_Y
ClientSampleId :

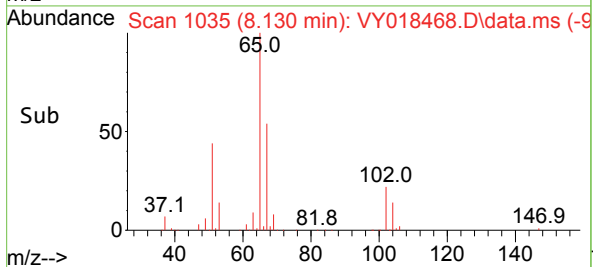
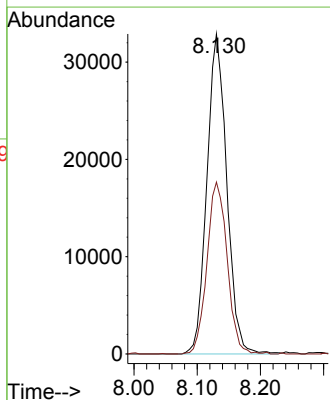
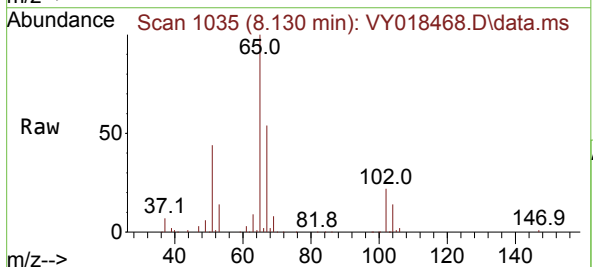


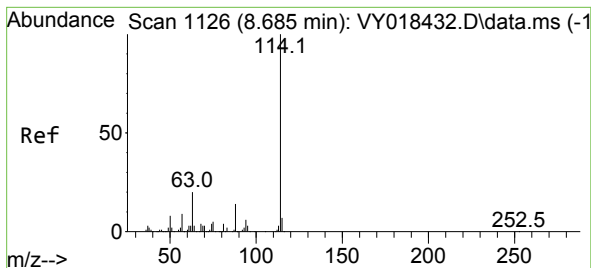
Tgt Ion: 84 Resp: 6180
Ion Ratio Lower Upper
84 100
49 105.0 84.4 126.6
51 43.1 26.0 39.0#
86 64.5 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 57.720 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

Tgt Ion: 65 Resp: 71738
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018468.D

Acq: 04 Jun 2024 16:55

Instrument :

MSVOA_Y

ClientSampleId :

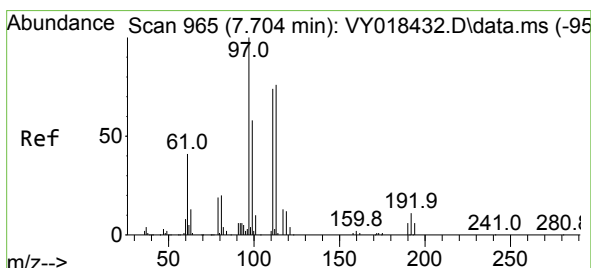
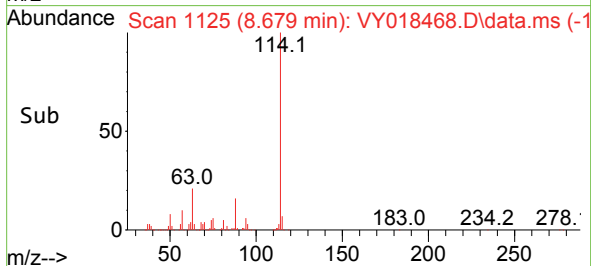
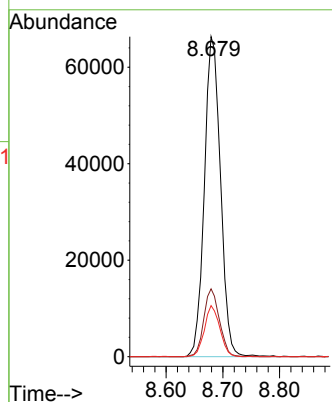
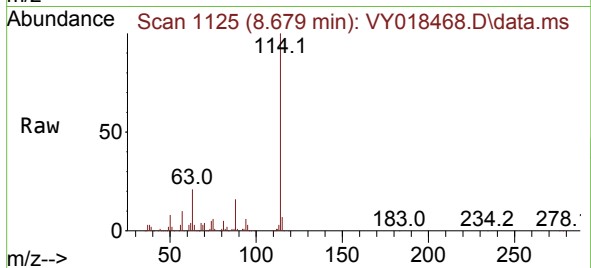
Tgt Ion:114 Resp: 131098

Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 42.875 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018468.D

Acq: 04 Jun 2024 16:55

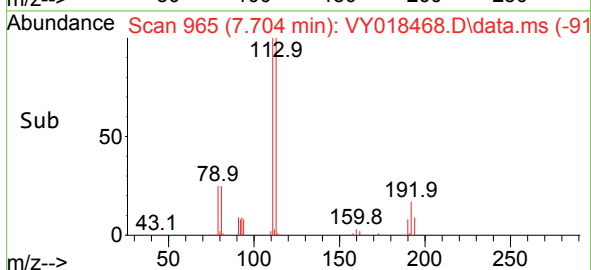
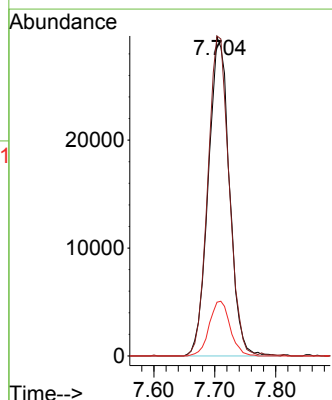
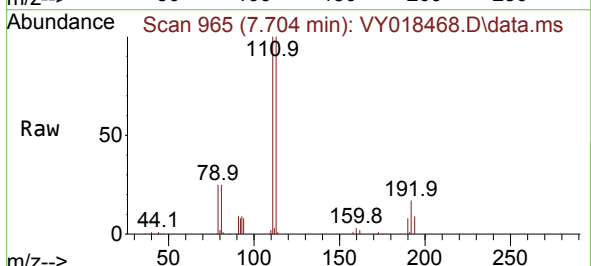
Tgt Ion:113 Resp: 71276

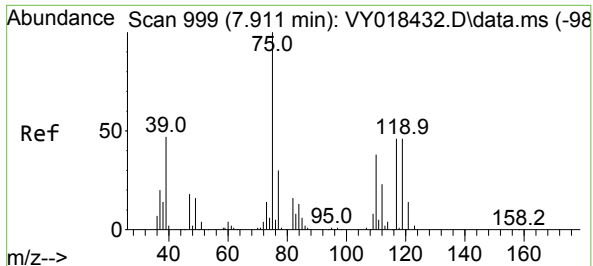
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 17.0 15.9 23.9

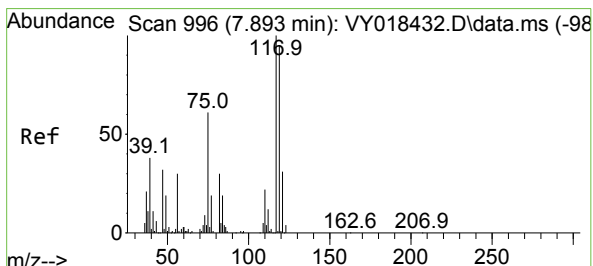
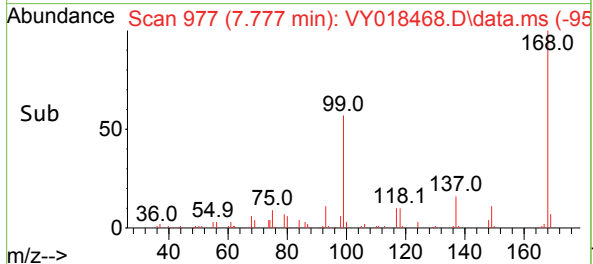
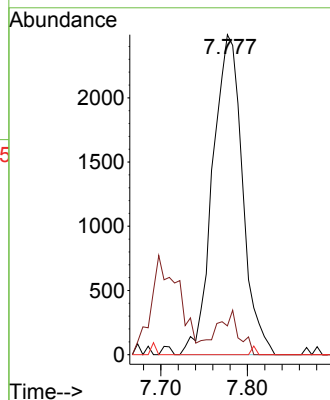
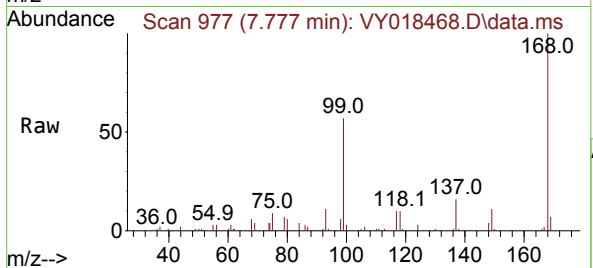




#36
1,1-Dichloropropene
Concen: 2.340 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

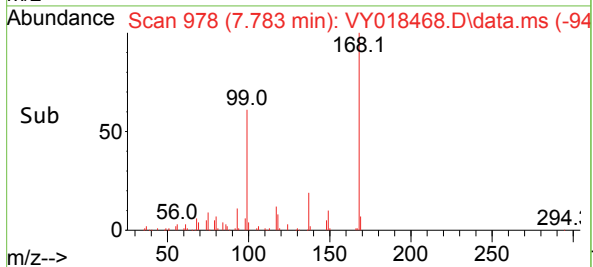
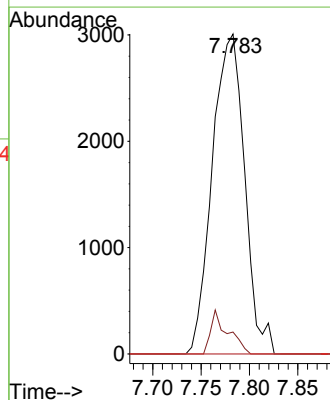
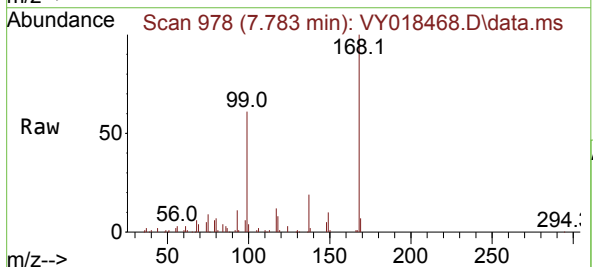
Instrument :
MSVOA_Y
ClientSampleId :

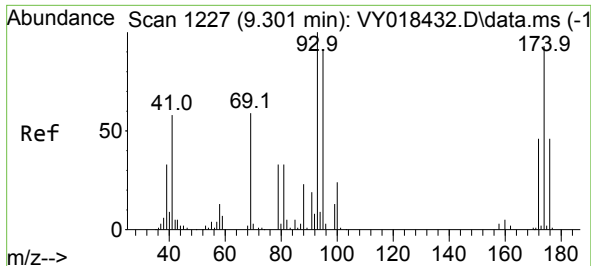
Tgt Ion: 75 Resp: 5932
Ion Ratio Lower Upper
75 100
110 10.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 2.751 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

Tgt Ion: 117 Resp: 6988
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.453 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.012 min

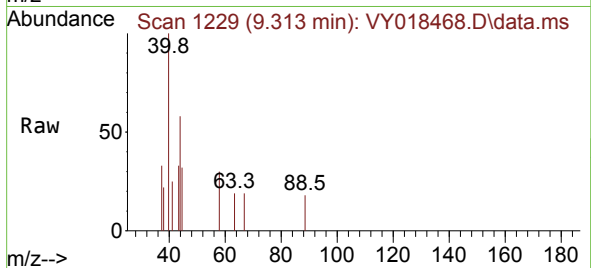
Lab File: VY018468.D

Acq: 04 Jun 2024 16:55

Instrument :

MSVOA_Y

ClientSampleId :



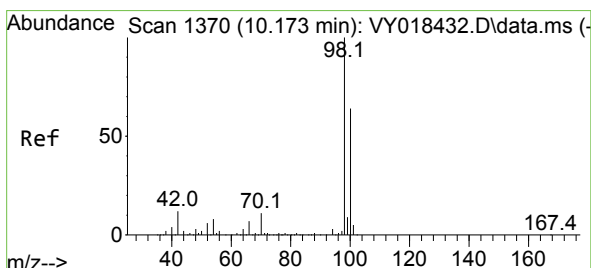
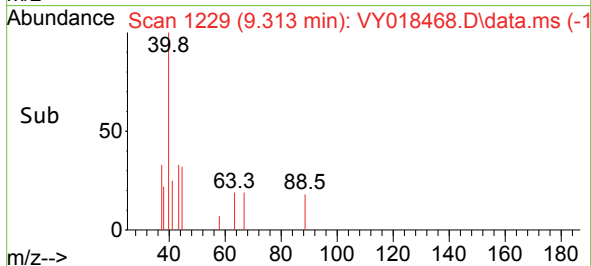
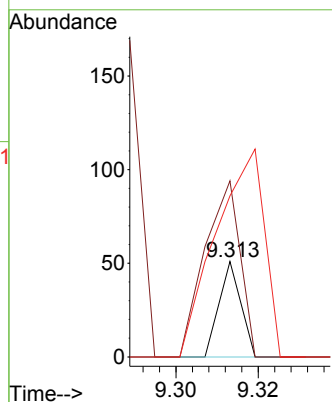
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 294.7 0.0 0.0#

58 478.9 49.3 73.9#



#50

Toluene-d8

Concen: 42.723 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018468.D

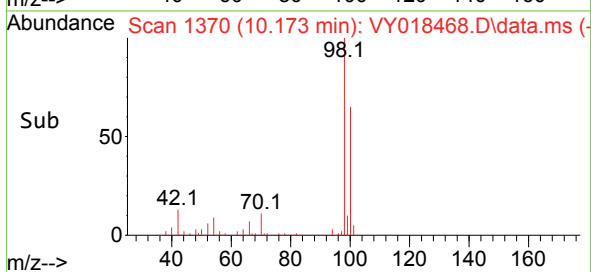
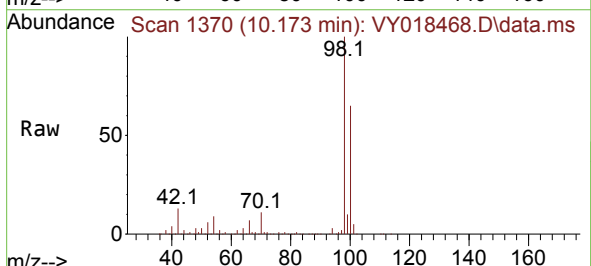
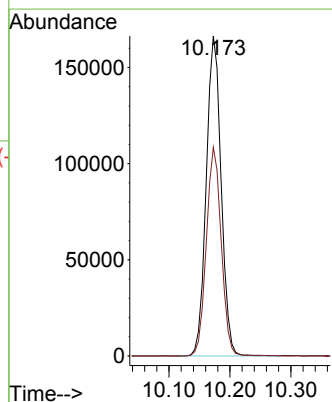
Acq: 04 Jun 2024 16:55

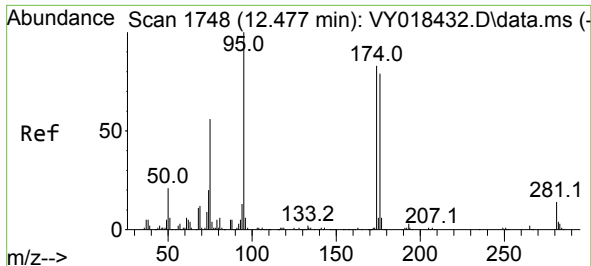
Tgt Ion: 98 Resp: 282546

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

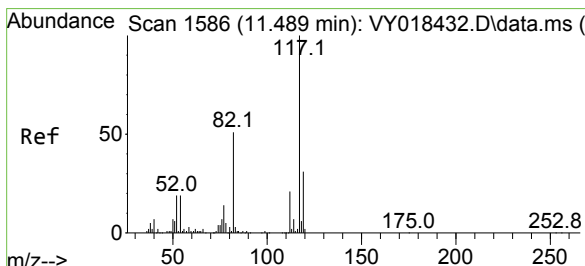
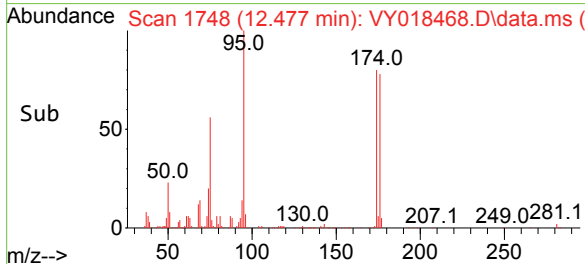
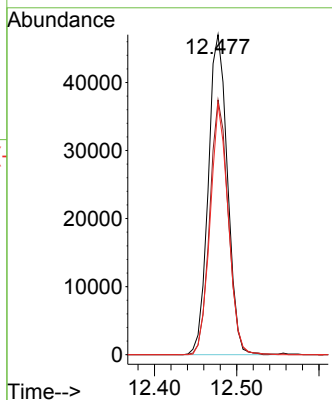
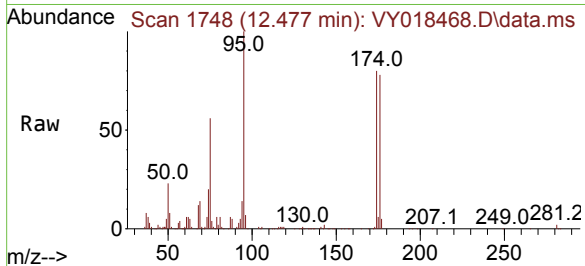




#62
4-Bromofluorobenzene
Concen: 37.089 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

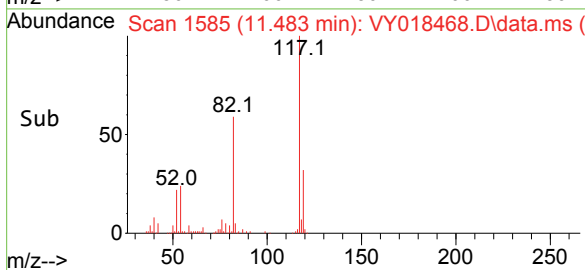
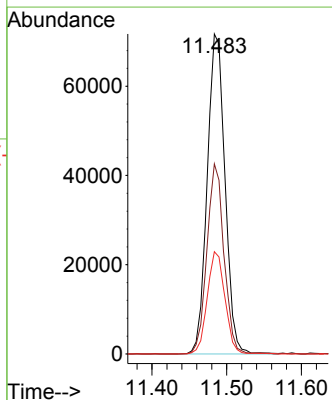
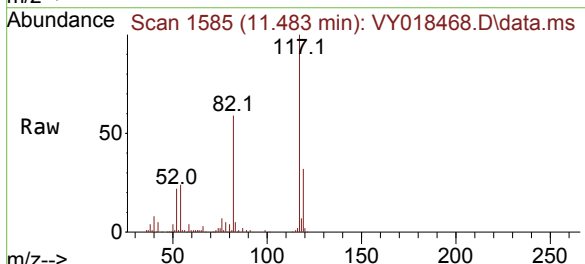
Instrument :
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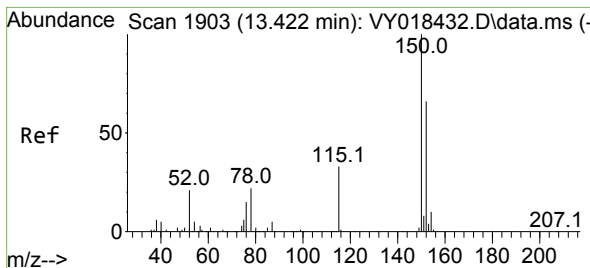
Tgt Ion: 95 Resp: 76372
Ion Ratio Lower Upper
95 100
174 76.5 0.0 175.6
176 74.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

Tgt Ion: 117 Resp: 118536
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.0 25.9 38.9

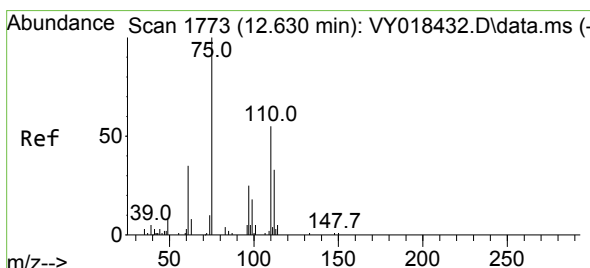
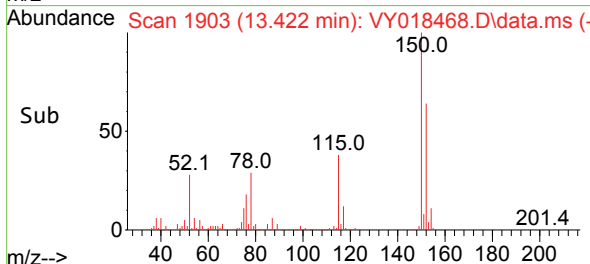
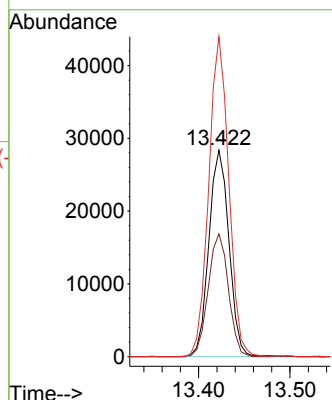
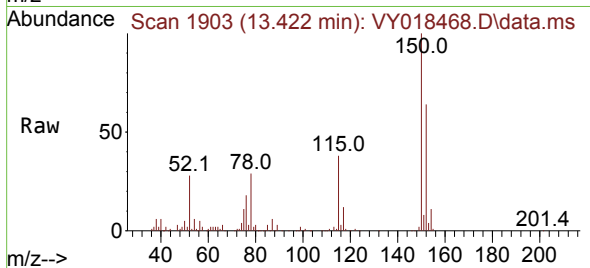




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018468.D
 Acq: 04 Jun 2024 16:55

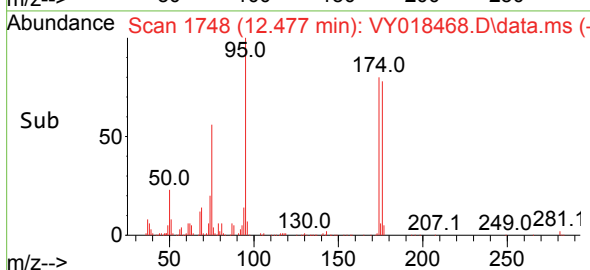
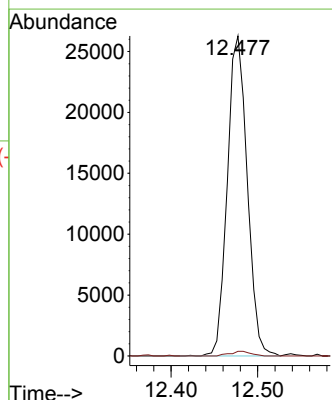
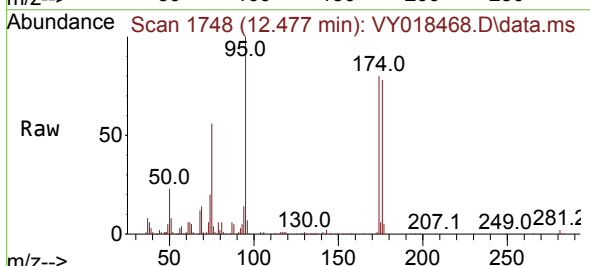
Instrument :
 MSVOA_Y
 ClientSampleId :

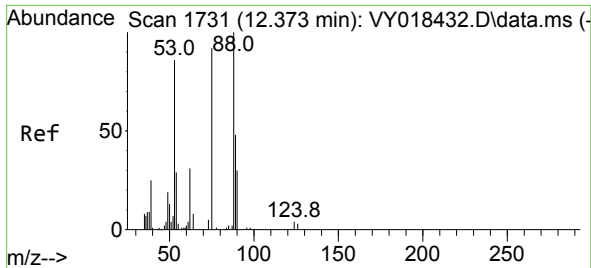
Tgt Ion:152 Resp: 43186
 Ion Ratio Lower Upper
 152 100
 115 59.9 28.2 84.7
 150 154.4 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 78.385 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018468.D
 Acq: 04 Jun 2024 16:55

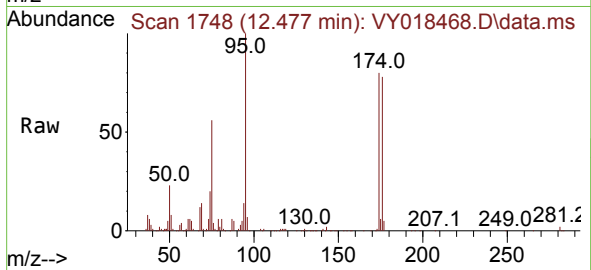
Tgt Ion: 75 Resp: 41976
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 164.681 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018468.D
 Acq: 04 Jun 2024 16:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.0	35.8	53.6#

