

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018615.D
 Acq On : 17 Jun 2024 17:46
 Operator : SY/MD
 Sample : P2880-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:26:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

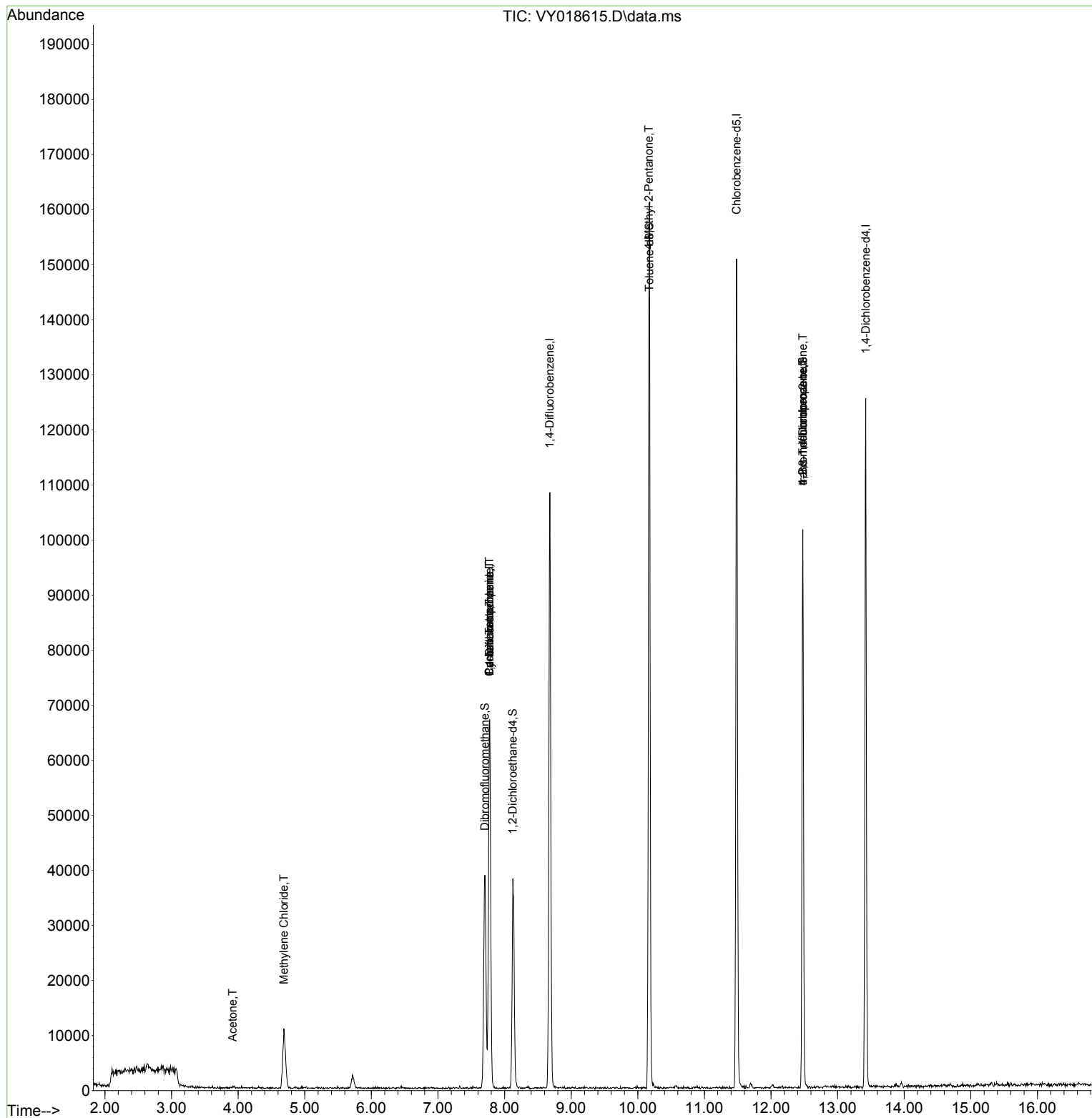
Internal Standards						
1) Pentafluorobenzene	7.777	168	51324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	90858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	78674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	28611	55.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.740%
35) Dibromofluoromethane	7.704	113	27287	49.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.173	98	104657	49.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.477	95	30842	45.824	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.640%
Target Compounds						
					Qvalue	
16) Acetone	3.918	43	200	1.902	ug/l #	36
20) Methylene Chloride	4.686	84	7211	2.644	ug/l	92
31) Cyclohexane	7.771	56	1166	1.473	ug/l #	30
36) 1,1-Dichloropropene	7.771	75	4234	5.550	ug/l #	46
38) Carbon Tetrachloride	7.771	117	4843	6.051	ug/l #	18
51) 4-Methyl-2-Pentanone	10.167	43	577	1.632	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	16356	58.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16356	153.934	ug/l #	16

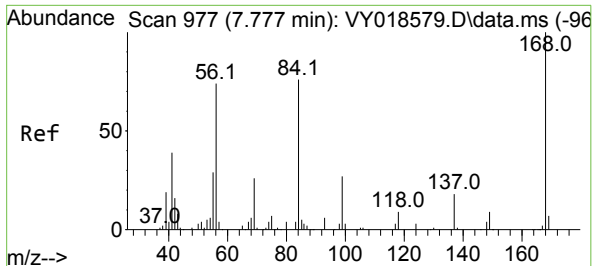
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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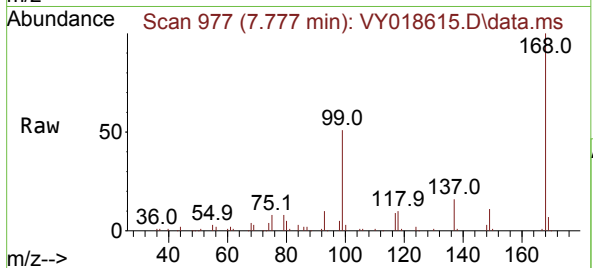
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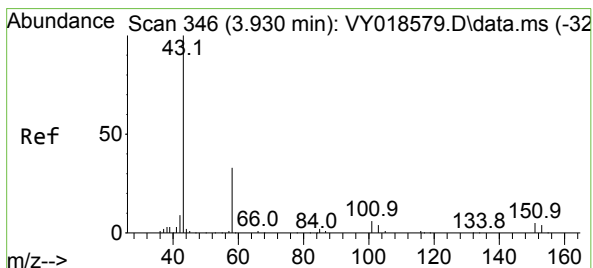
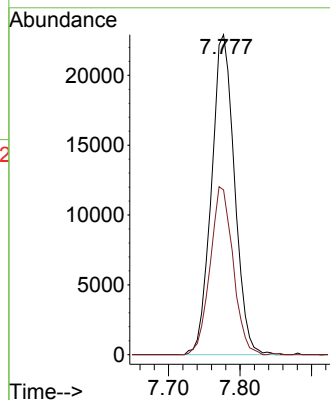
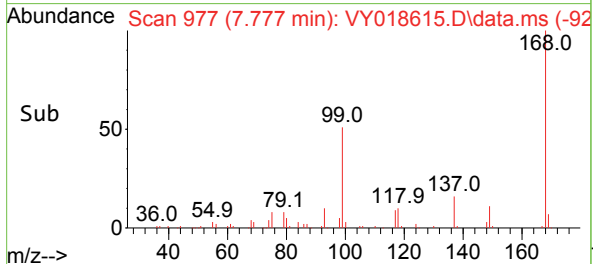


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

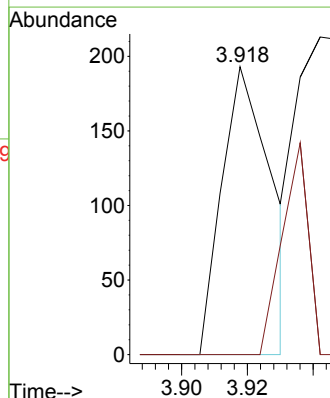
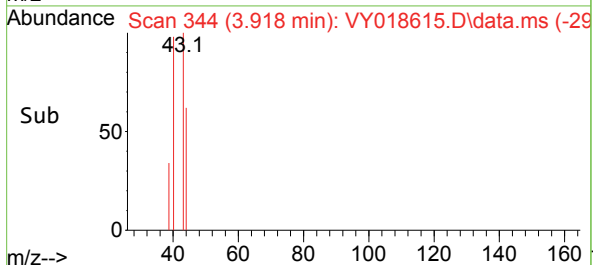
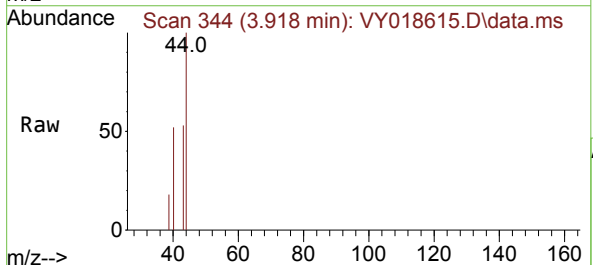


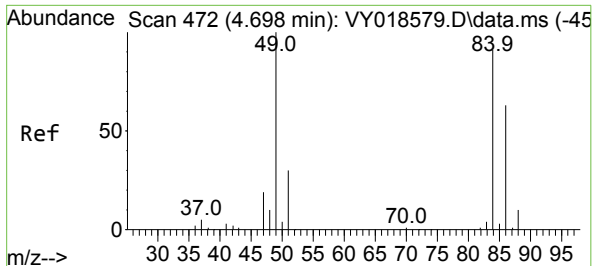
Tgt Ion:168 Resp: 51324
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7



#16
Acetone
Concen: 1.902 ug/l
RT: 3.918 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

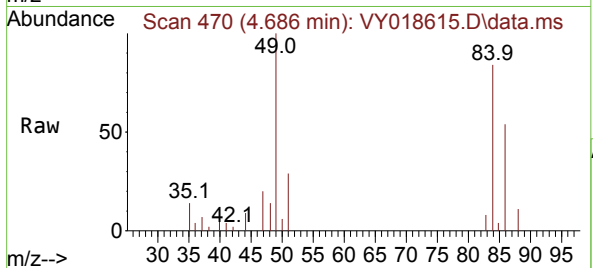
Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



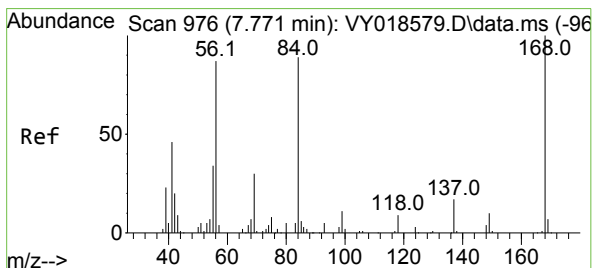
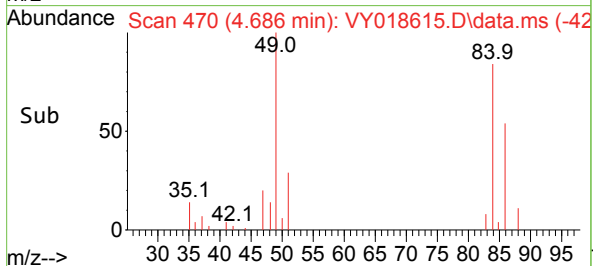
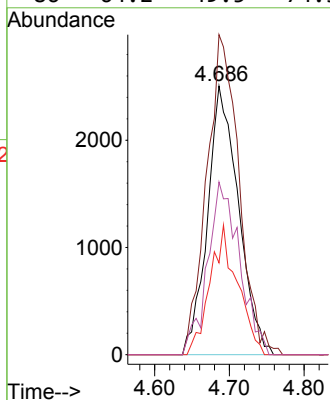


#20
Methylene Chloride
Concen: 2.644 ug/l
RT: 4.686 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

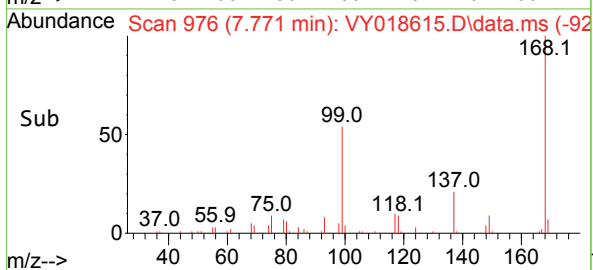
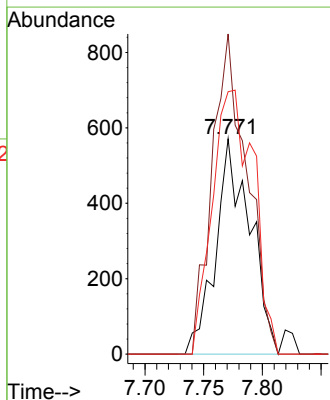
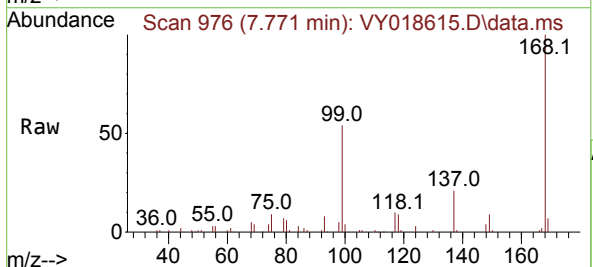


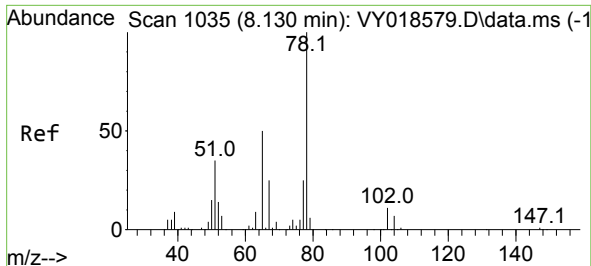
Tgt Ion:	84	Resp:	7211
Ion	Ratio	Lower	Upper
84	100		
49	119.1	84.4	126.6
51	34.2	26.0	39.0
86	64.2	49.5	74.3



#31
Cyclohexane
Concen: 1.473 ug/l
RT: 7.771 min Scan# 976
Delta R.T. 0.000 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Tgt Ion:	56	Resp:	1166
Ion	Ratio	Lower	Upper
56	100		
69	148.7	28.7	43.1#
84	121.9	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.370 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY018615.D

Acq: 17 Jun 2024 17:46

Instrument :

MSVOA_Y

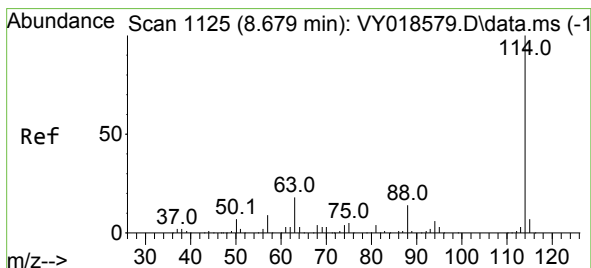
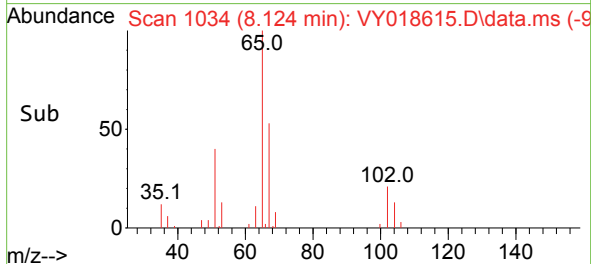
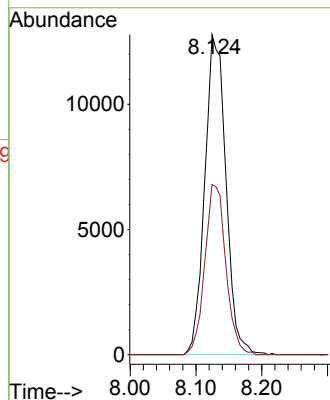
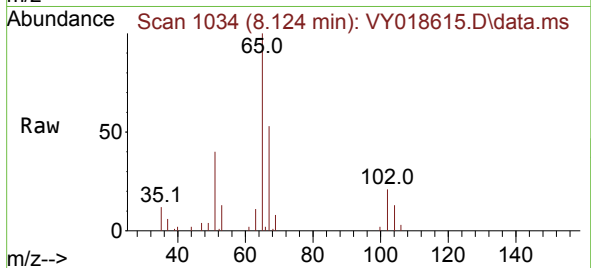
ClientSampleId :

Tgt Ion: 65 Resp: 28611

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018615.D

Acq: 17 Jun 2024 17:46

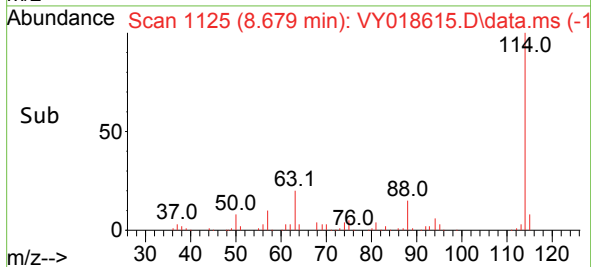
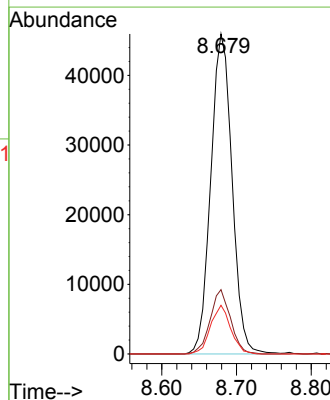
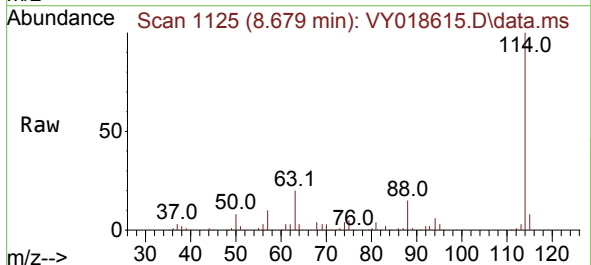
Tgt Ion:114 Resp: 90858

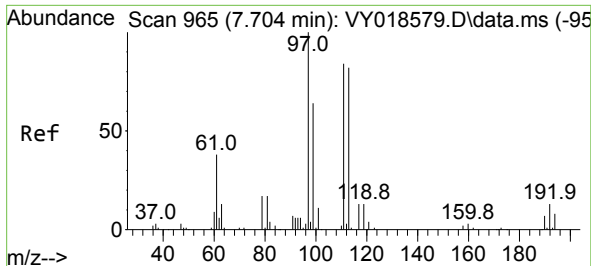
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

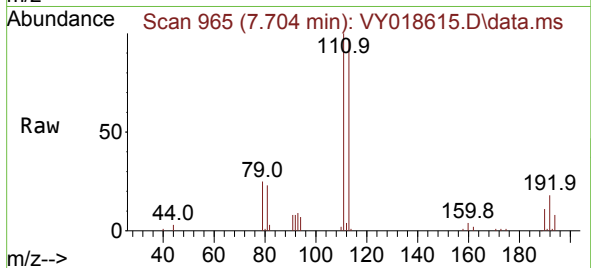
88 15.2 0.0 27.2



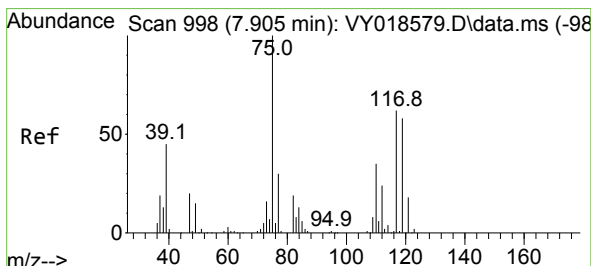
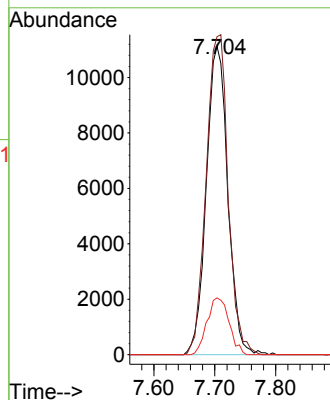
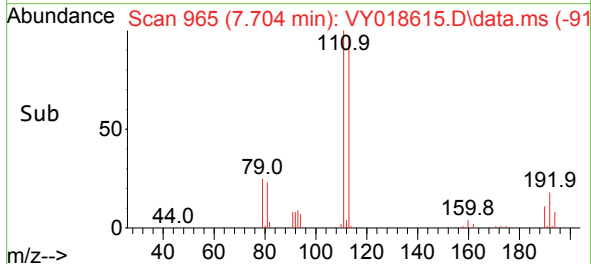


#35
Dibromofluoromethane
Concen: 49.232 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

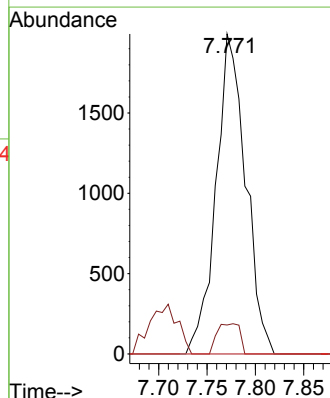
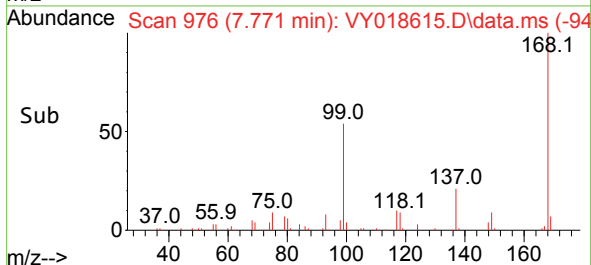
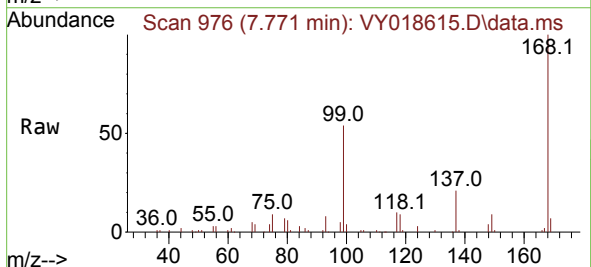


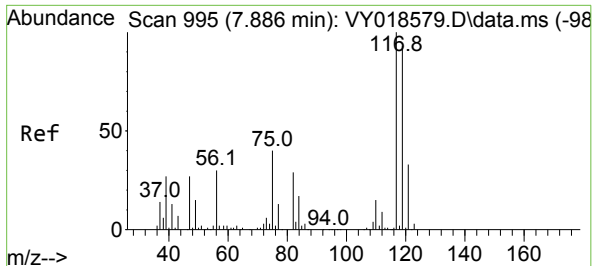
Tgt Ion:113 Resp: 27287
Ion Ratio Lower Upper
113 100
111 106.0 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.550 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.134 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

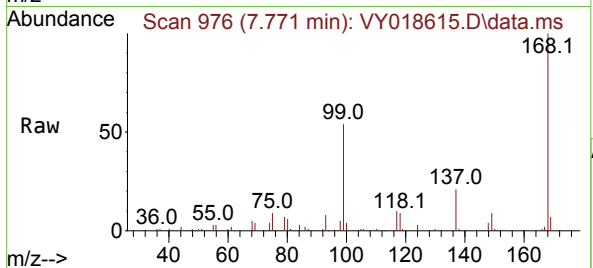
Tgt Ion: 75 Resp: 4234
Ion Ratio Lower Upper
75 100
110 7.3 19.0 57.0#
77 0.0 25.3 37.9#



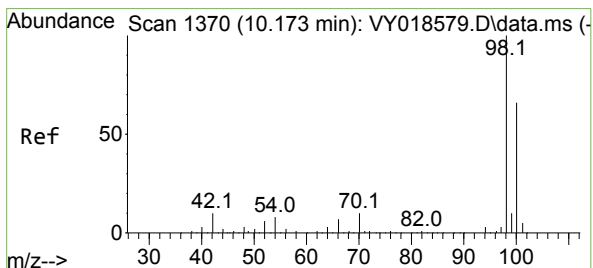
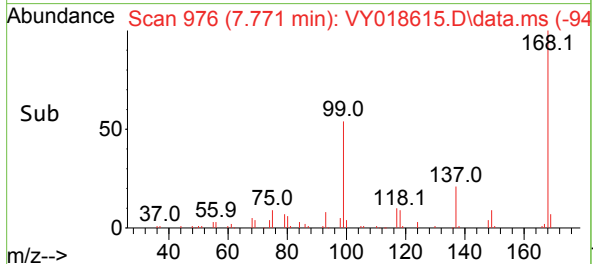
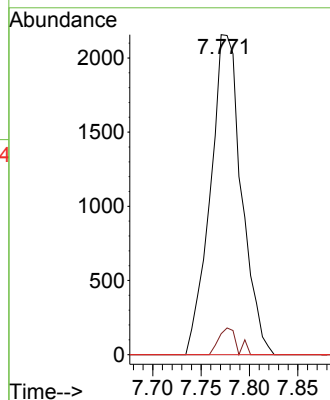


#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

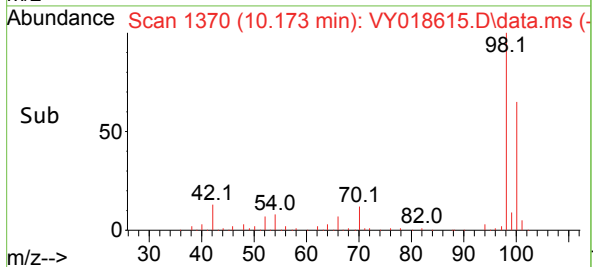
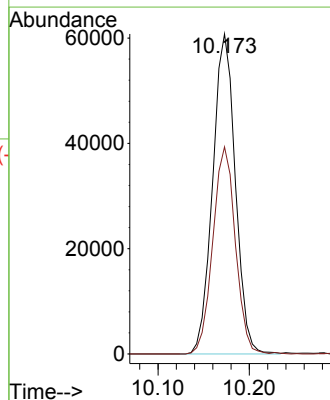
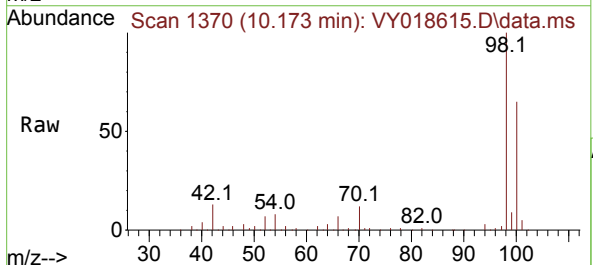


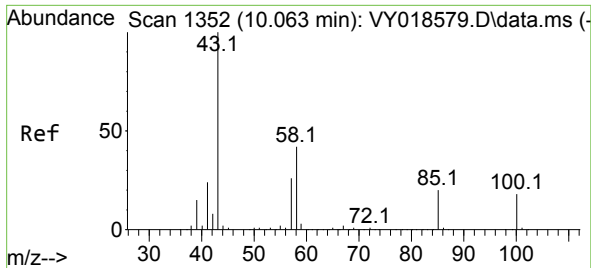
Tgt Ion:117 Resp: 4843
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.101 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Tgt Ion: 98 Resp: 104657
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

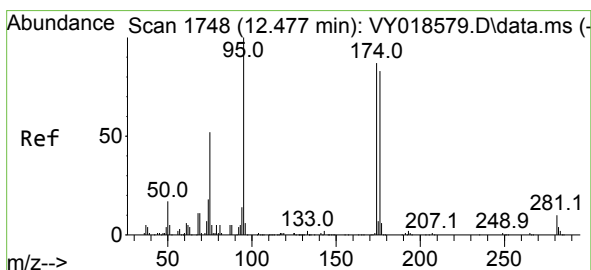
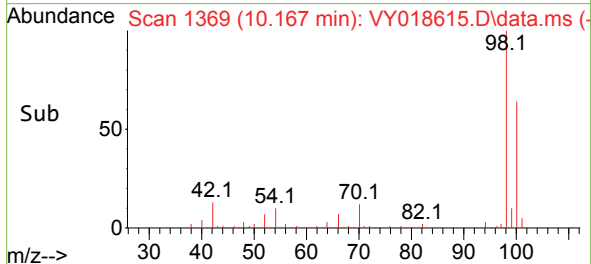
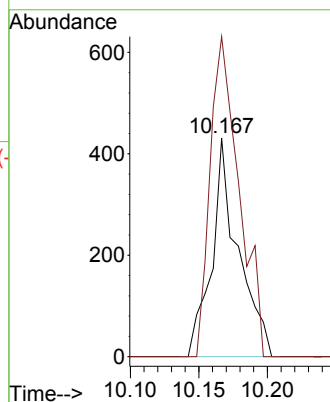
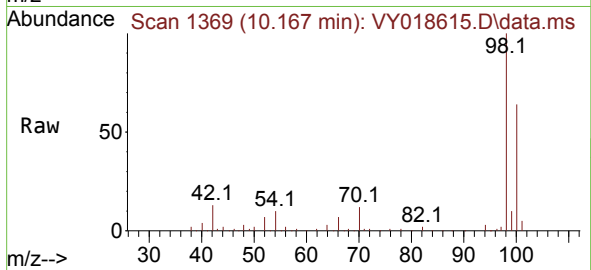




#51
4-Methyl-2-Pentanone
Concen: 1.632 ug/l
RT: 10.167 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

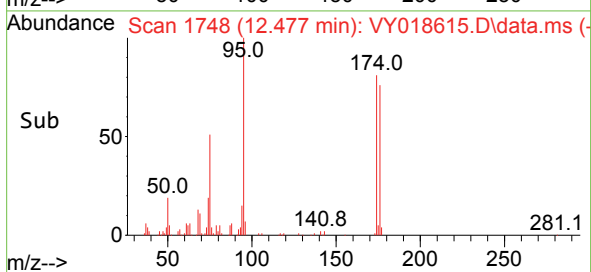
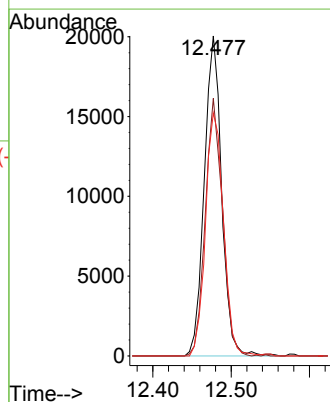
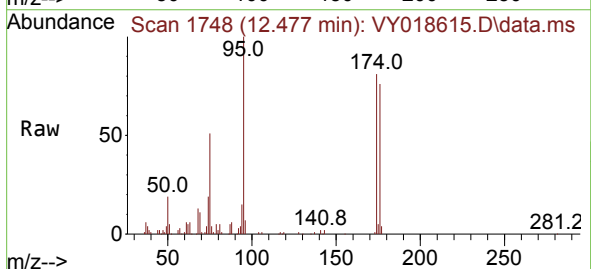
Instrument :
MSVOA_Y
ClientSampleId :

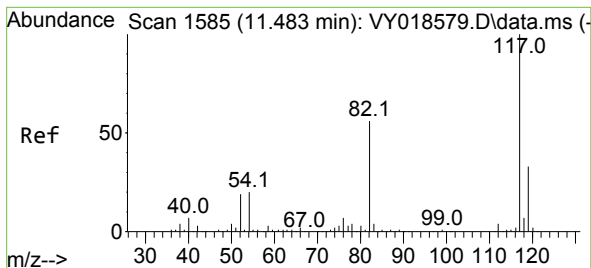
Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
58 160.8 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 45.824 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Tgt Ion: 95 Resp: 30842
Ion Ratio Lower Upper
95 100
174 79.8 0.0 175.6
176 78.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018615.D

Acq: 17 Jun 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

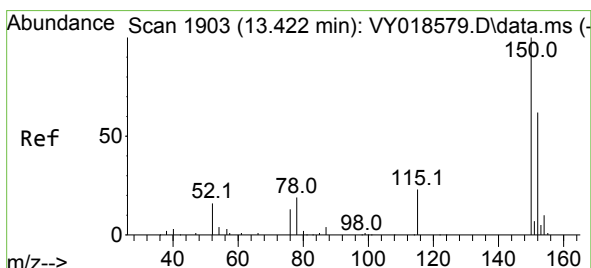
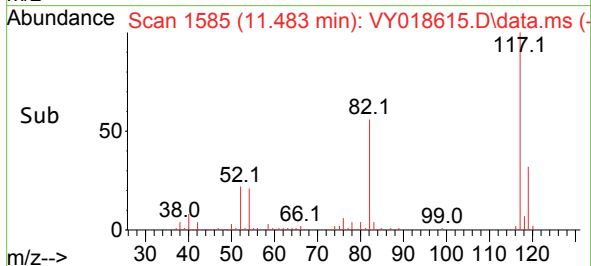
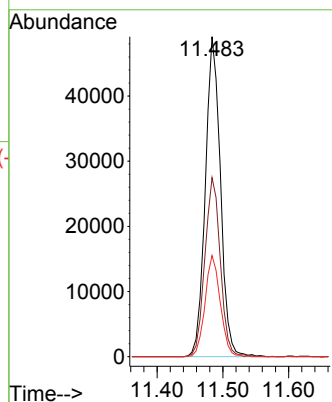
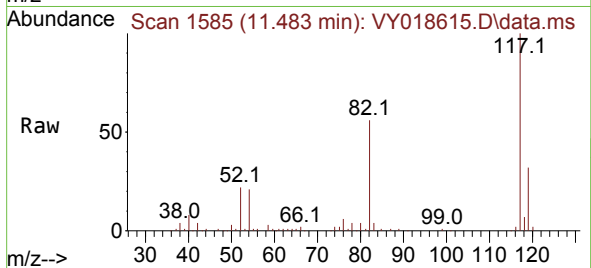
Tgt Ion:117 Resp: 78674

Ion Ratio Lower Upper

117 100

82 56.0 42.4 63.6

119 31.6 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: VY018615.D

Acq: 17 Jun 2024 17:46

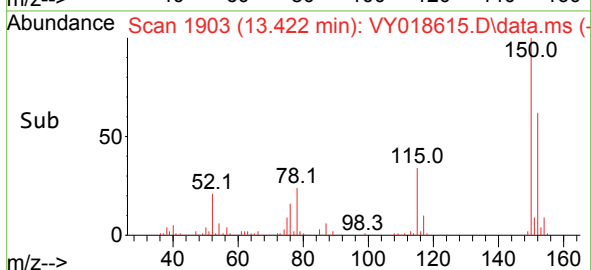
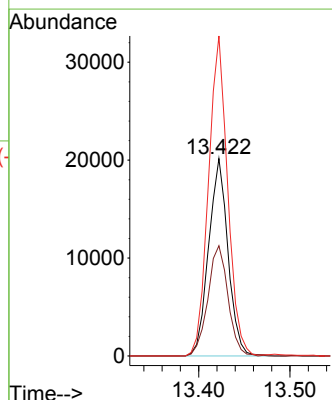
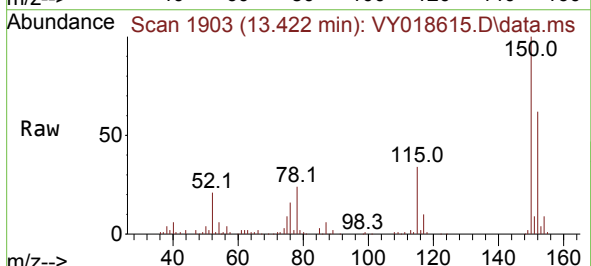
Tgt Ion:152 Resp: 29670

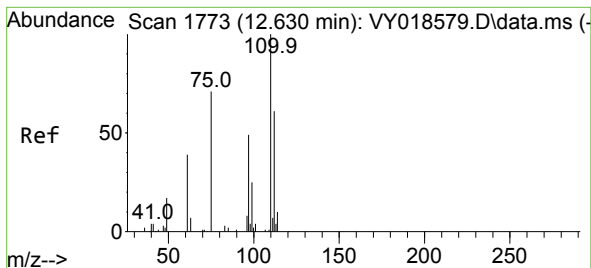
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 159.9 0.0 345.6

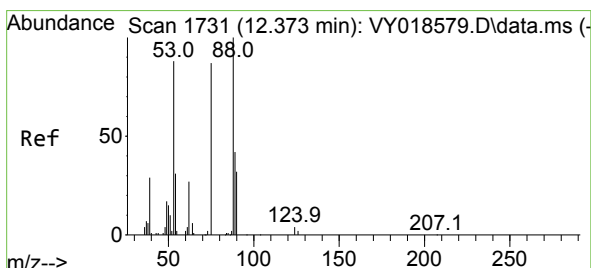
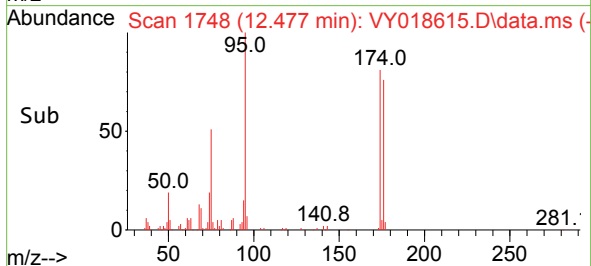
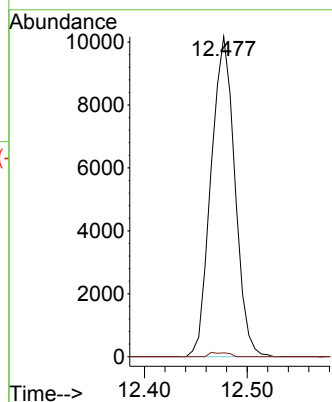
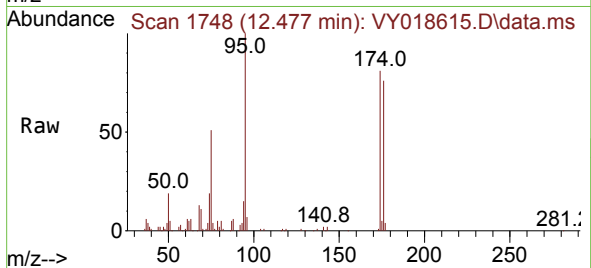




#76
1,2,3-Trichloropropane
Concen: 58.767 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 16356
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.934 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Tgt Ion: 75 Resp: 16356
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

