

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018629.D
 Acq On : 18 Jun 2024 14:02
 Operator : SY/MD
 Sample : P2880-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

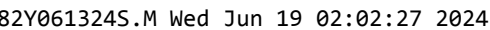
Quant Time: Jun 19 02:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

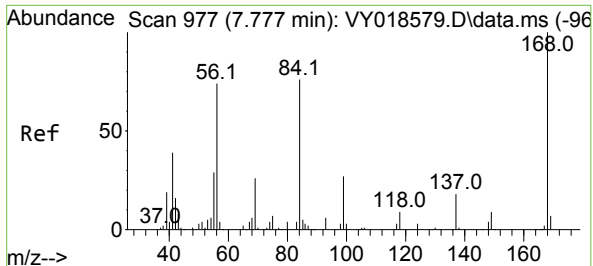
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	37248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	66292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	52074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	17795	47.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.900%
35) Dibromofluoromethane	7.704	113	19736	48.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.173	98	74531	47.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.477	95	17749	36.143	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.280%
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	556	1.195	ug/l	92
16) Acetone	3.936	43	259	3.395	ug/l #	36
20) Methylene Chloride	4.686	84	3552	Below Cal		91
31) Cyclohexane	7.771	56	925	1.610	ug/l #	64
36) 1,1-Dichloropropene	7.771	75	3227	5.797	ug/l #	42
38) Carbon Tetrachloride	7.783	117	3830	6.558	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	9801	62.614	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9801	164.009	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.349	75	45	1.436	ug/l #	1

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

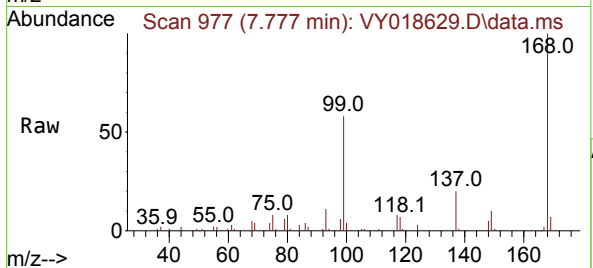
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Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



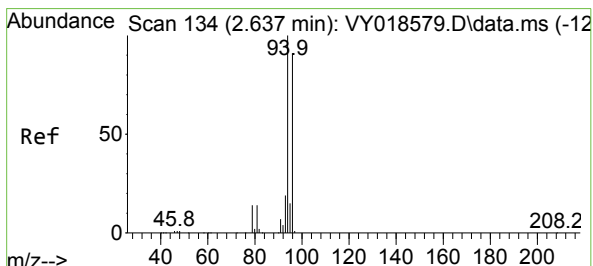
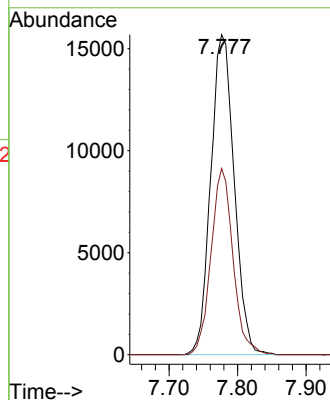
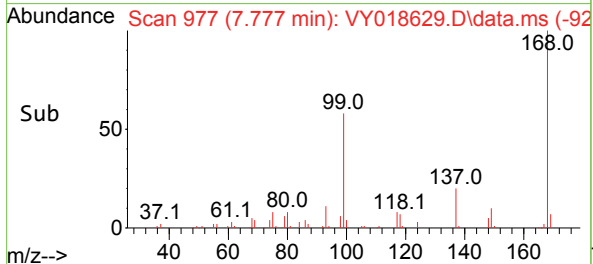


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :

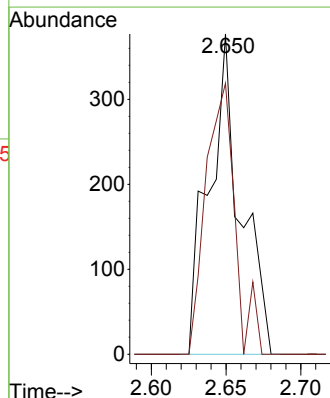
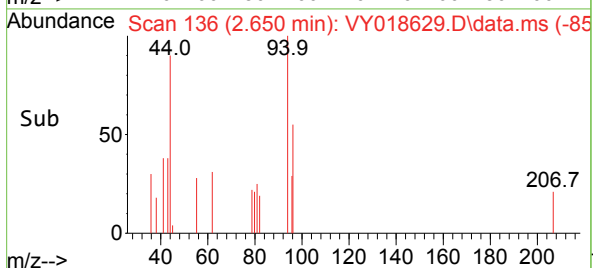
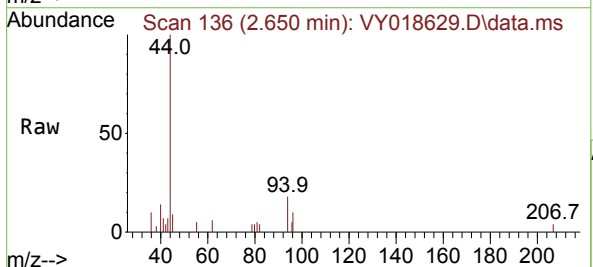


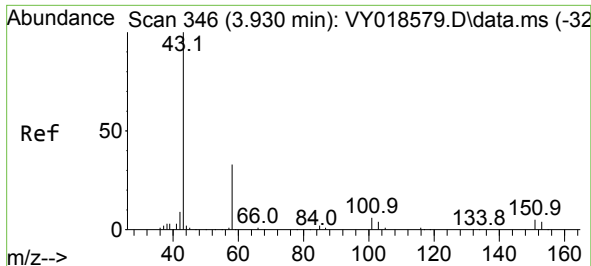
Tgt Ion:168 Resp: 37248
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#5
Bromomethane
Concen: 1.195 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.012 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Tgt Ion: 94 Resp: 556
Ion Ratio Lower Upper
94 100
96 84.6 74.1 111.1

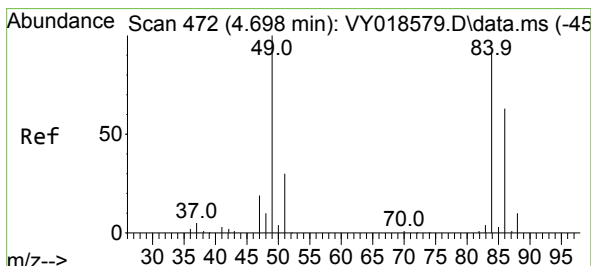
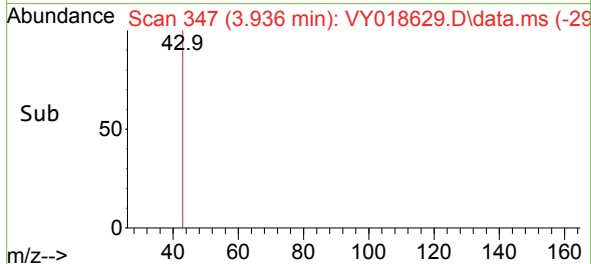
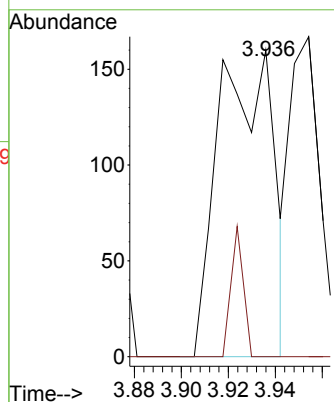
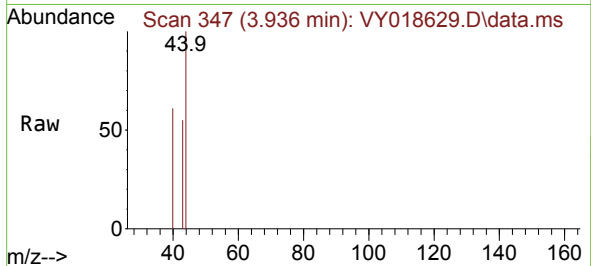




#16
Acetone
Concen: 3.395 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

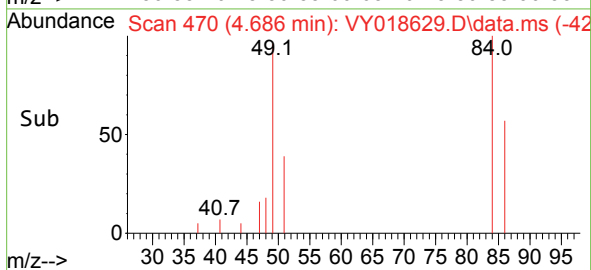
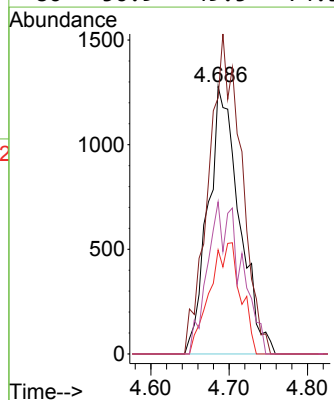
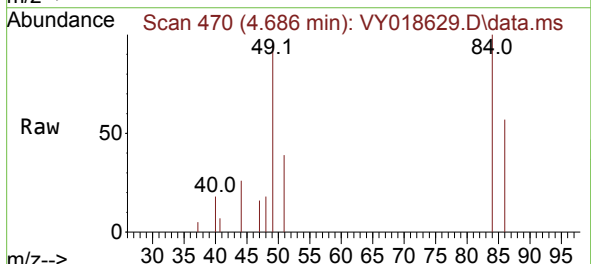
Instrument :
MSVOA_Y
ClientSampleId :

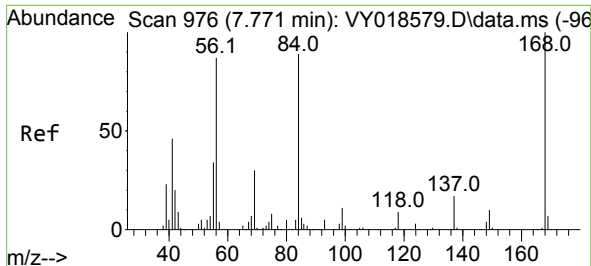
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.686 min Scan# 470
Delta R.T. -0.012 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

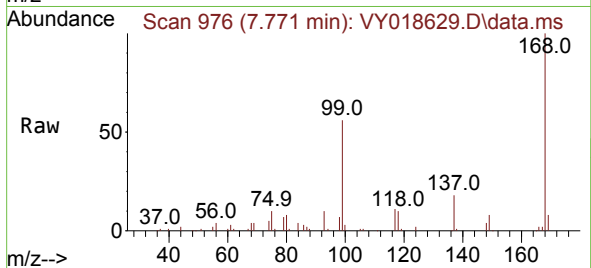
Tgt Ion: 84 Resp: 3552
Ion Ratio Lower Upper
84 100
49 95.8 84.4 126.6
51 38.9 26.0 39.0
86 56.9 49.5 74.3



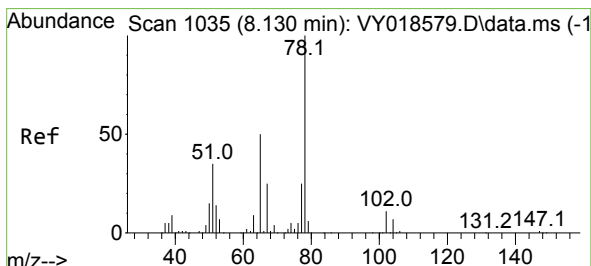
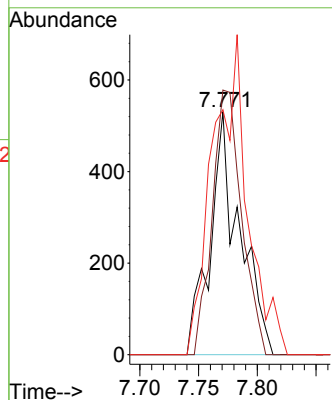
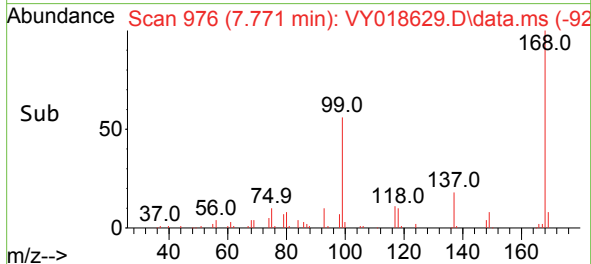


#31
Cyclohexane
Concen: 1.610 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :

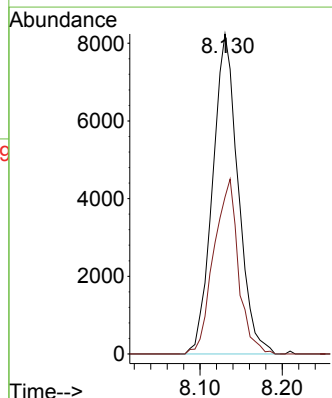
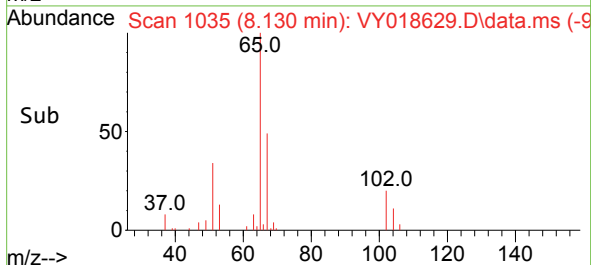
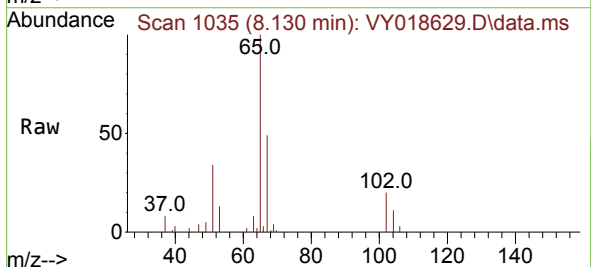


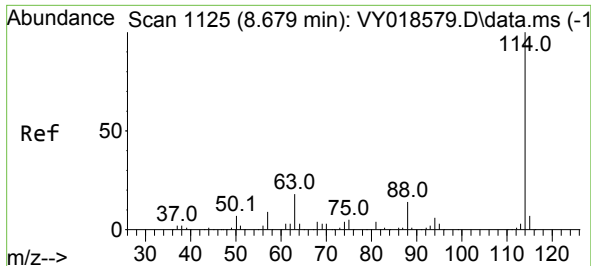
Tgt Ion: 56 Resp: 925
Ion Ratio Lower Upper
56 100
69 108.9 28.7 43.1#
84 100.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 47.452 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Tgt Ion: 65 Resp: 17795
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

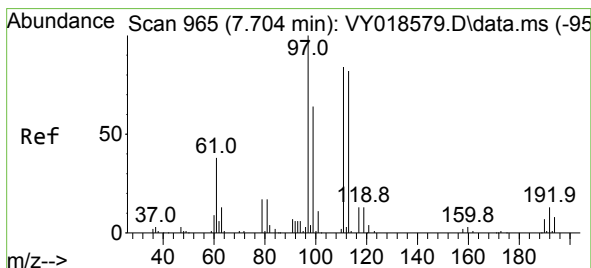
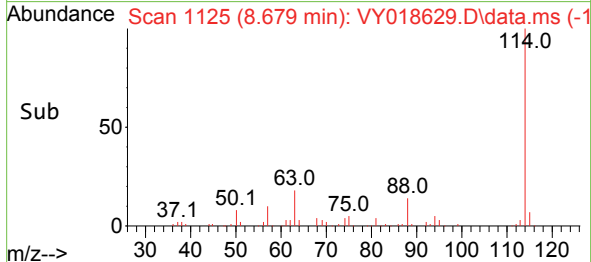
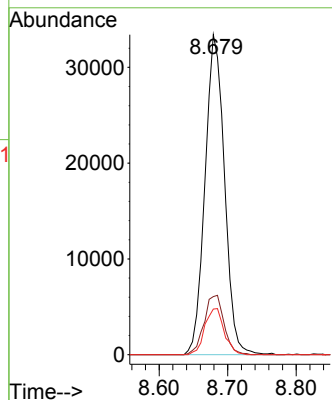
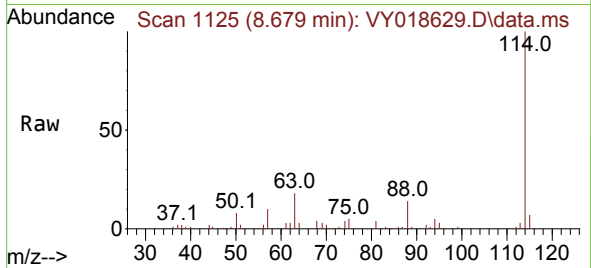




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

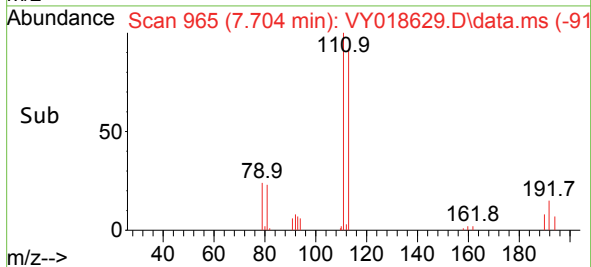
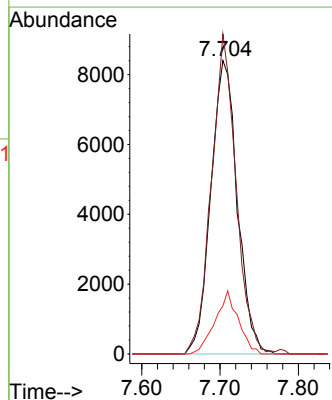
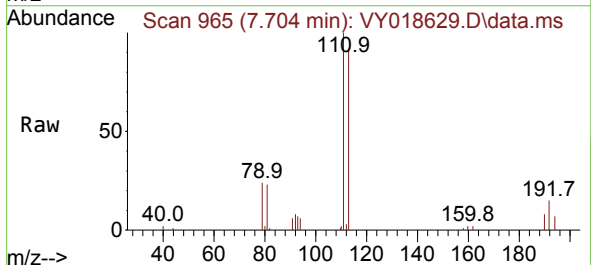
Instrument :
MSVOA_Y
ClientSampleId :

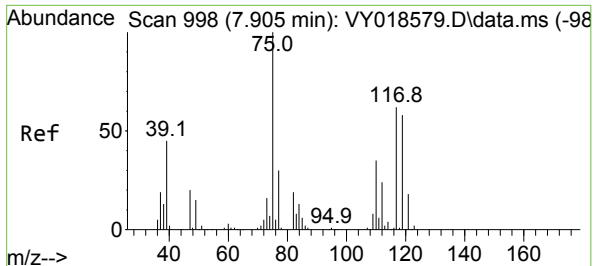
Tgt Ion:114 Resp: 66292
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.804 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Tgt Ion:113 Resp: 19736
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 18.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.797 ug/l

RT: 7.771 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018629.D

Acq: 18 Jun 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

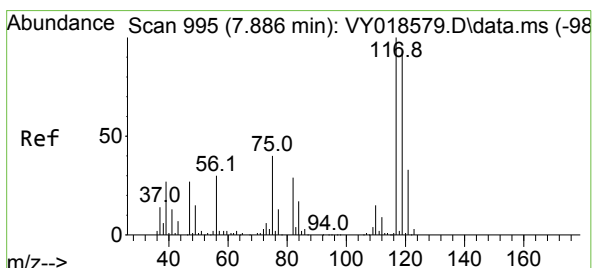
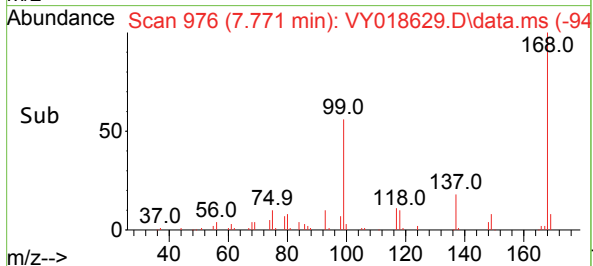
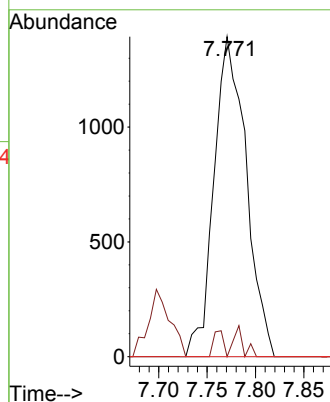
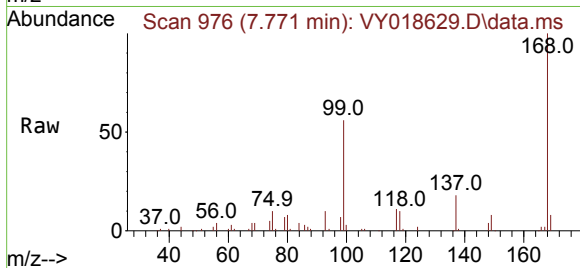
Tgt Ion: 75 Resp: 3227

Ion Ratio Lower Upper

75 100

110 2.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.558 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.104 min

Lab File: VY018629.D

Acq: 18 Jun 2024 14:02

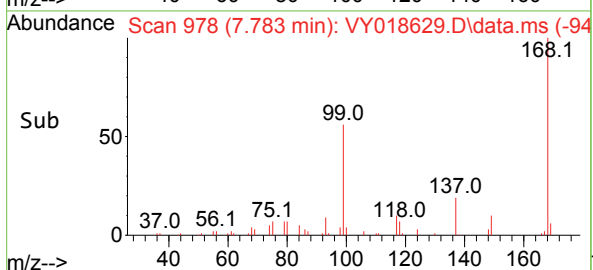
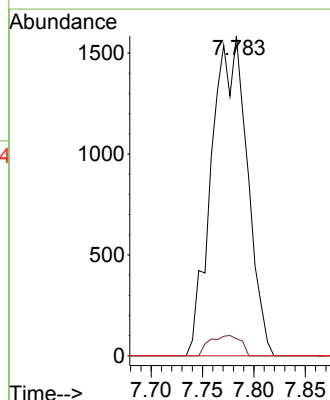
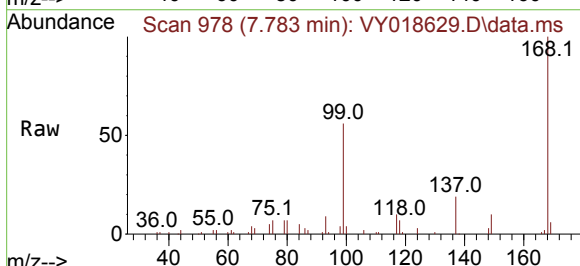
Tgt Ion: 117 Resp: 3830

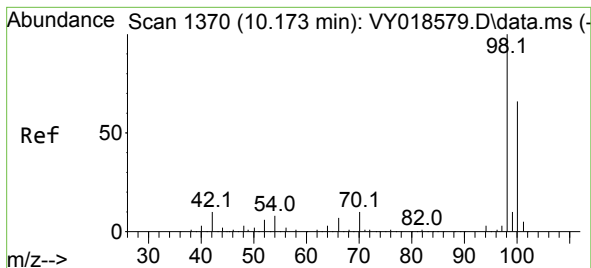
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.925 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018629.D

Acq: 18 Jun 2024 14:02

Instrument :

MSVOA_Y

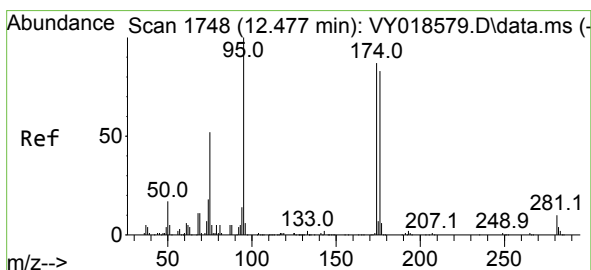
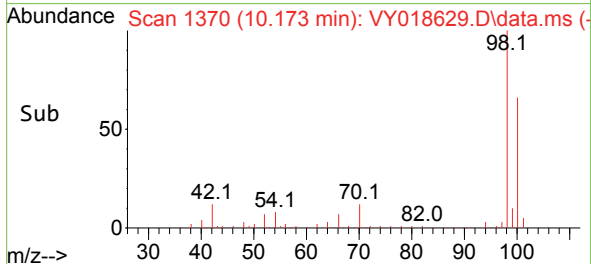
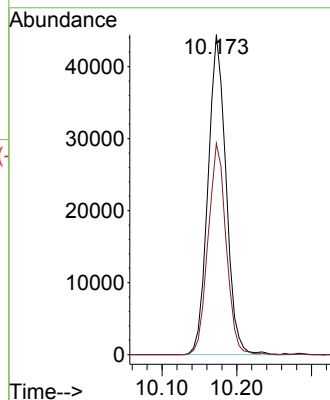
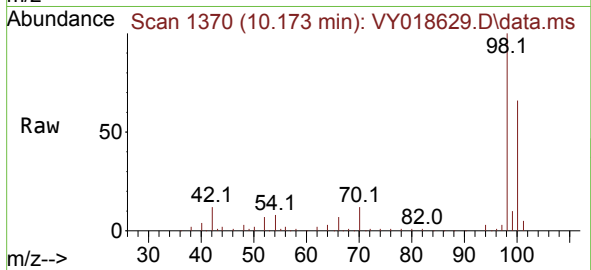
ClientSampleId :

Tgt Ion: 98 Resp: 74531

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.143 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018629.D

Acq: 18 Jun 2024 14:02

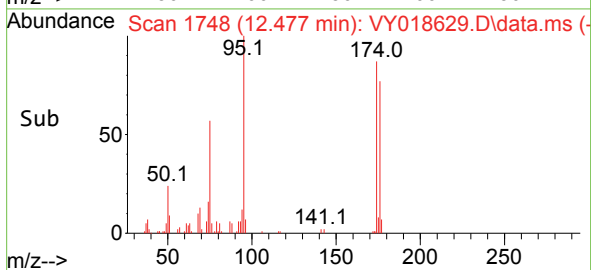
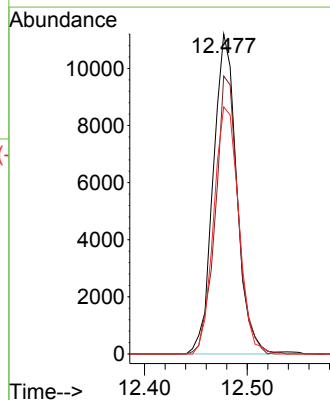
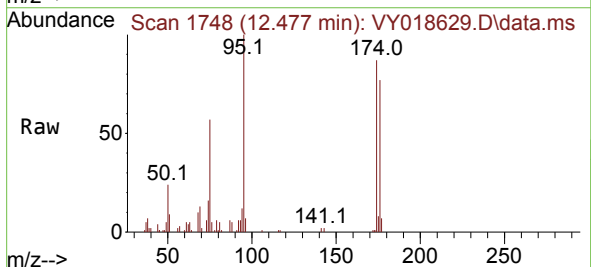
Tgt Ion: 95 Resp: 17749

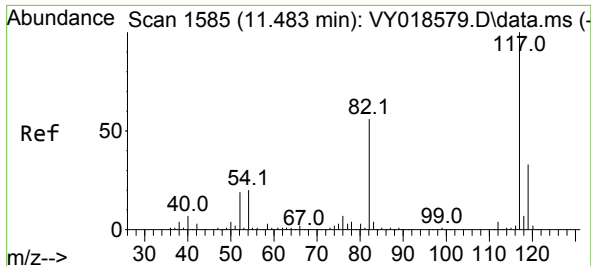
Ion Ratio Lower Upper

95 100

174 84.1 0.0 175.6

176 82.0 0.0 171.4

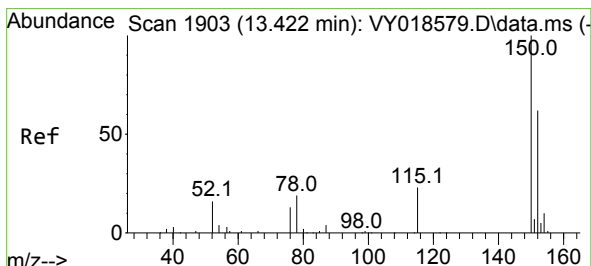
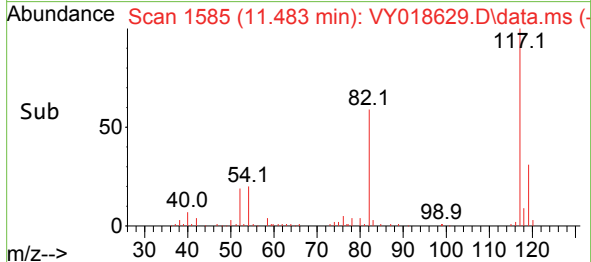
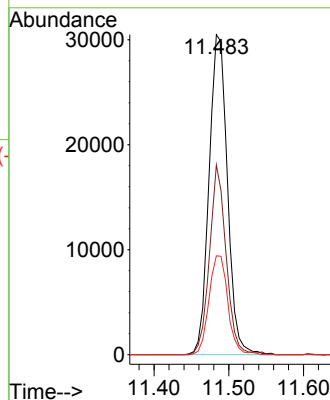
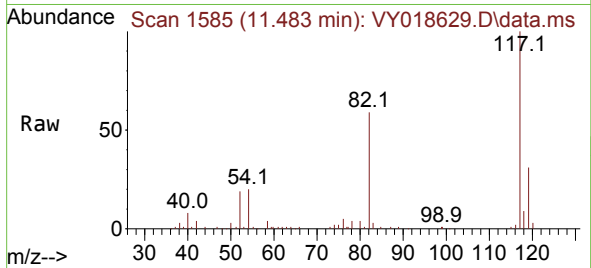




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

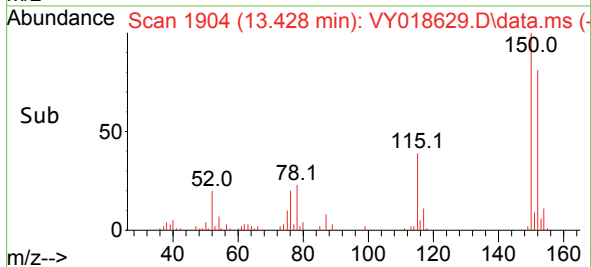
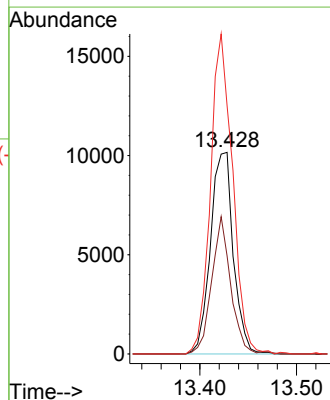
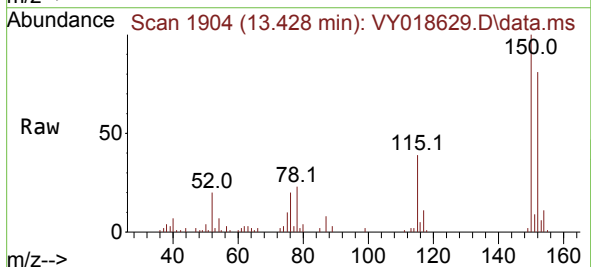
Instrument :
MSVOA_Y
ClientSampleId :

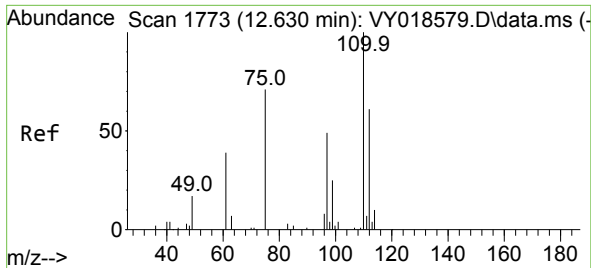
Tgt Ion:117 Resp: 52074
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Tgt Ion:152 Resp: 16687
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 152.9 0.0 345.6

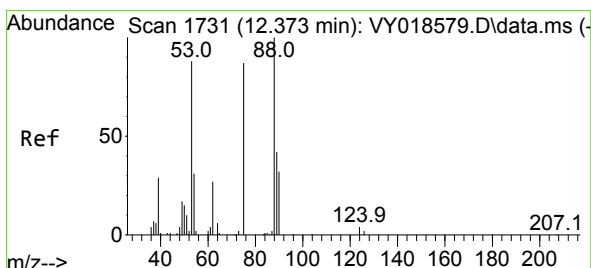
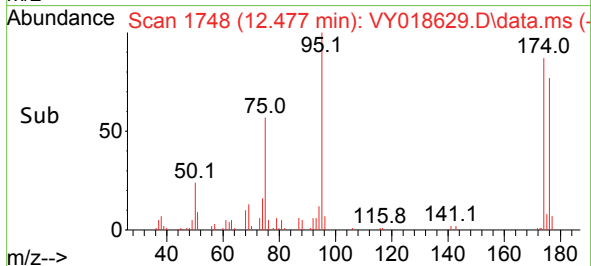
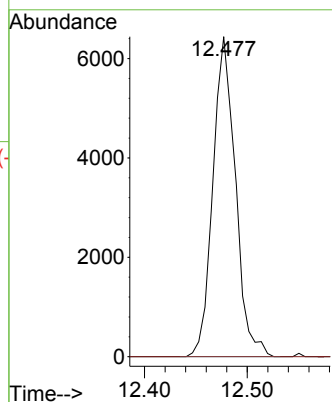
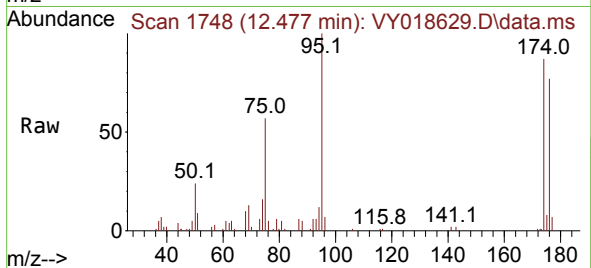




#76
1,2,3-Trichloropropane
Concen: 62.614 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

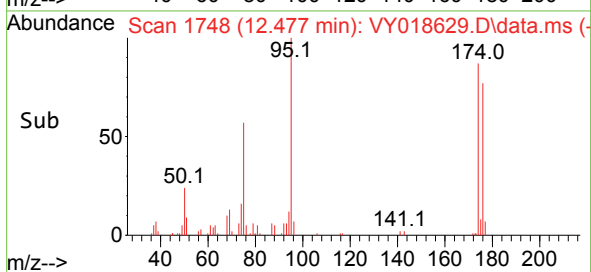
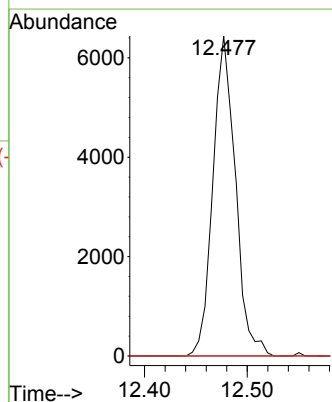
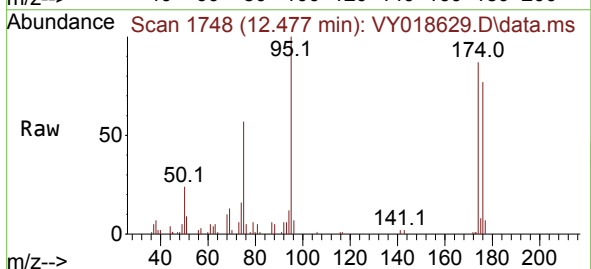
Instrument :
MSVOA_Y
ClientSampleId :

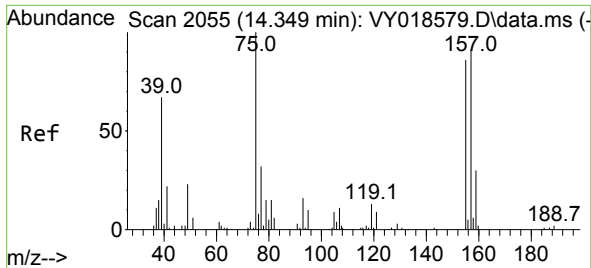
Tgt Ion: 75 Resp: 9801
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 164.009 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

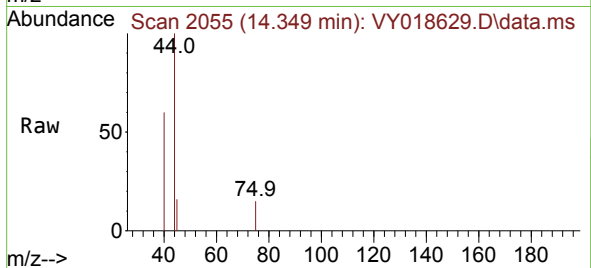
Tgt Ion: 75 Resp: 9801
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.436 ug/l
RT: 14.349 min Scan# 20
Delta R.T. 0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	45
Ion Ratio	Lower	Upper	
75	100		
155	0.0	48.6	145.8#
157	0.0	62.7	188.2#

