

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018658.D
 Acq On : 20 Jun 2024 15:56
 Operator : SY/MD
 Sample : P2930-03
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

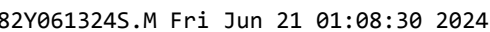
Quant Time: Jun 21 01:08:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

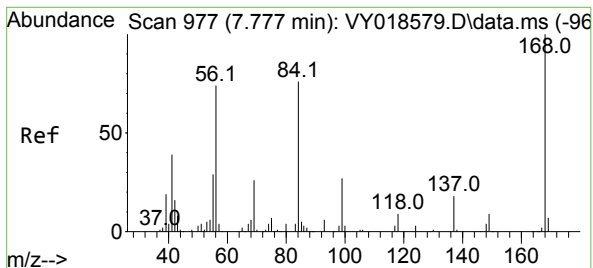
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.776	168	102770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	193657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	181364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57882	55.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.880%	
35) Dibromofluoromethane	7.709	113	61025	51.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.172	98	229709	50.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.477	95	70236	48.960	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	4563	21.676	ug/l	92
17) Carbon Disulfide	4.179	76	146	2.266	ug/l #	76
20) Methylene Chloride	4.692	84	13095	1.382	ug/l	97
25) 2-Butanone	6.984	43	572	1.813	ug/l	94
31) Cyclohexane	7.782	56	2325	1.467	ug/l #	62
36) 1,1-Dichloropropene	7.776	75	8110	4.987	ug/l #	48
38) Carbon Tetrachloride	7.782	117	10455	6.129	ug/l #	18
51) 4-Methyl-2-Pentanone	10.172	43	1011	1.342	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	37252	55.086	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37252	144.290	ug/l #	16

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

Quant Time: Jun 21 01:08:17 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.776 min Scan# 91

Delta R.T. -0.001 min

Lab File: VY018658.D

Acq: 20 Jun 2024 15:56

Instrument :

MSVOA_Y

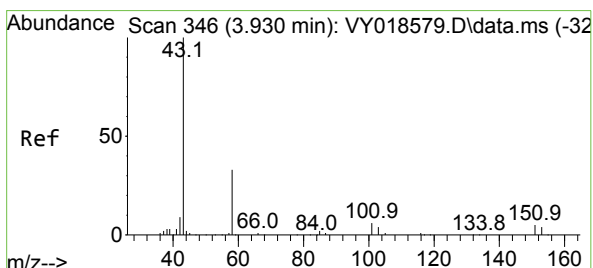
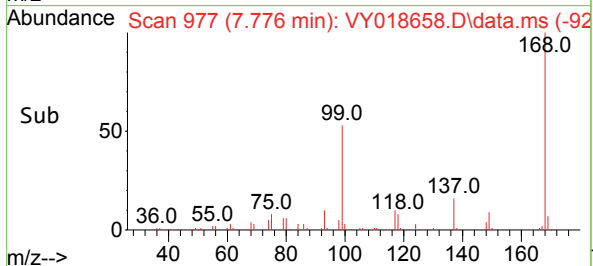
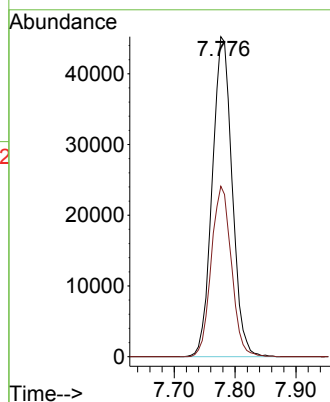
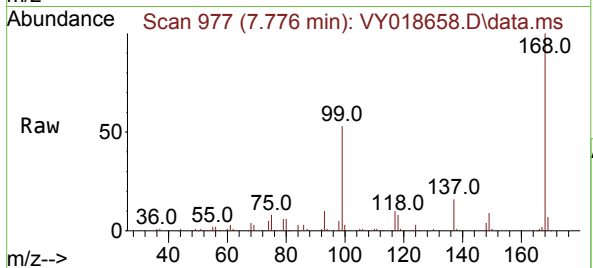
ClientSampleId :

Tgt Ion:168 Resp: 102770

Ion Ratio Lower Upper

168 100

99 53.2 39.1 58.7



#16

Acetone

Concen: 21.676 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.006 min

Lab File: VY018658.D

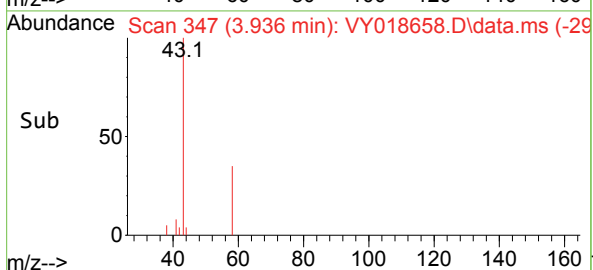
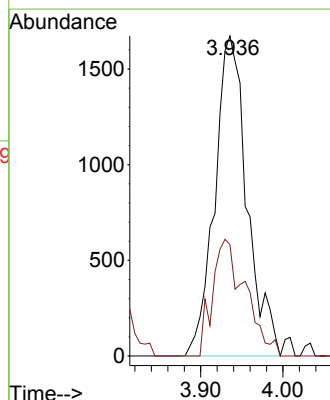
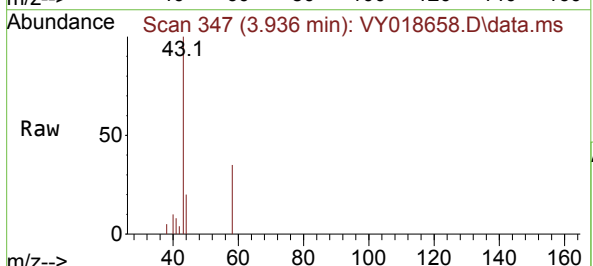
Acq: 20 Jun 2024 15:56

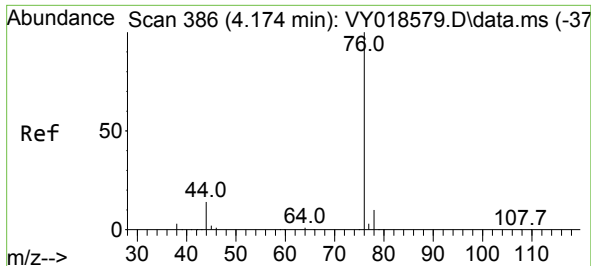
Tgt Ion: 43 Resp: 4563

Ion Ratio Lower Upper

43 100

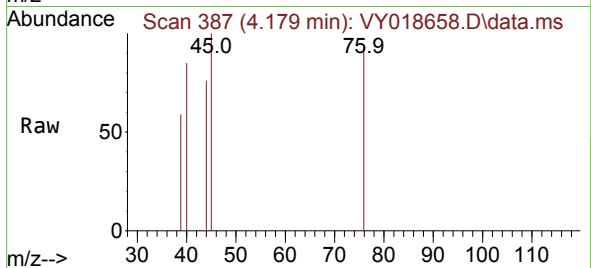
58 34.8 31.7 47.5



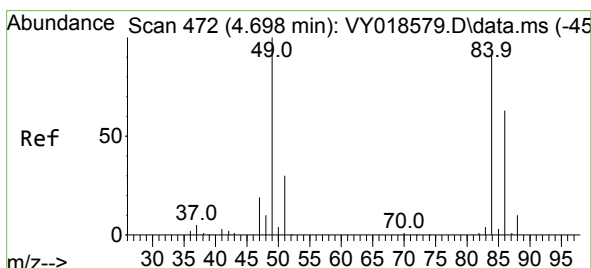
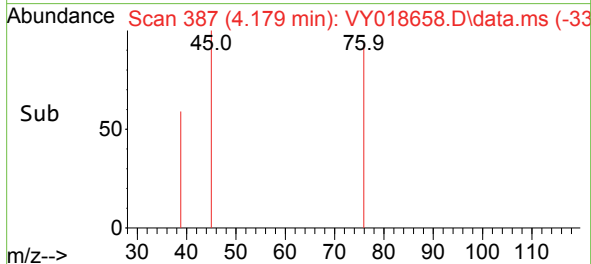
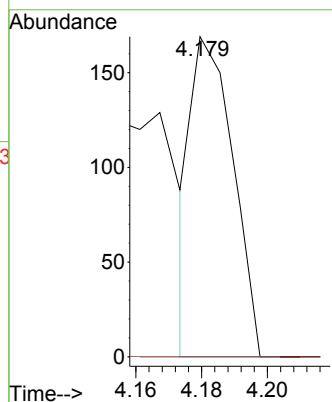


#17
Carbon Disulfide
Concen: 2.266 ug/l
RT: 4.179 min Scan# 31
Delta R.T. 0.005 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

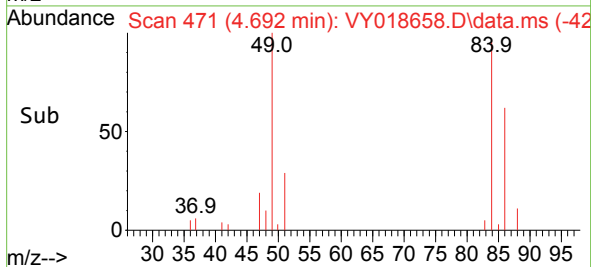
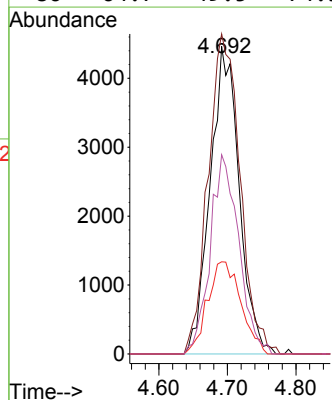
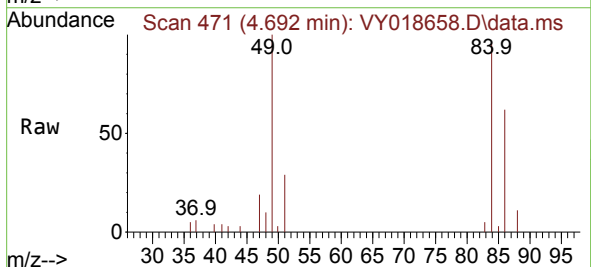


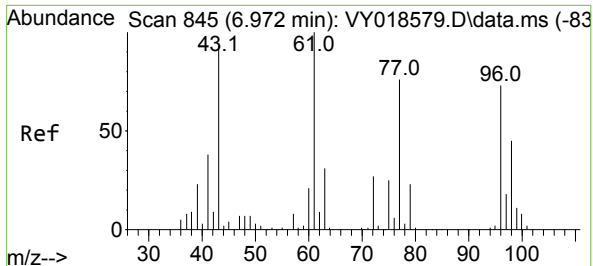
Tgt Ion: 76 Resp: 146
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 1.382 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

Tgt Ion: 84 Resp: 13095
Ion Ratio Lower Upper
84 100
49 104.0 84.4 126.6
51 30.0 26.0 39.0
86 64.7 49.5 74.3





#25

2-Butanone

Concen: 1.813 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.012 min

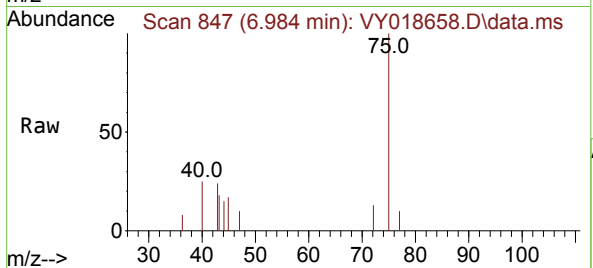
Lab File: VY018658.D

Acq: 20 Jun 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

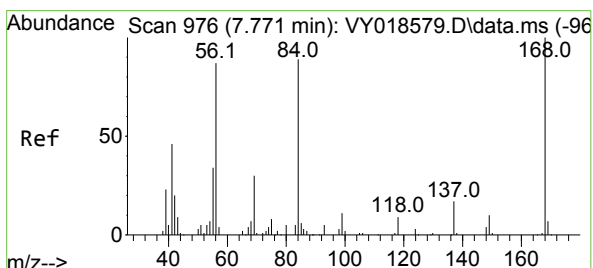
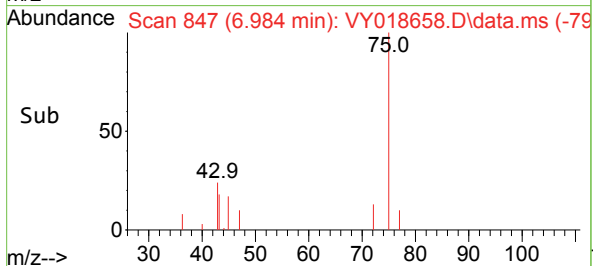
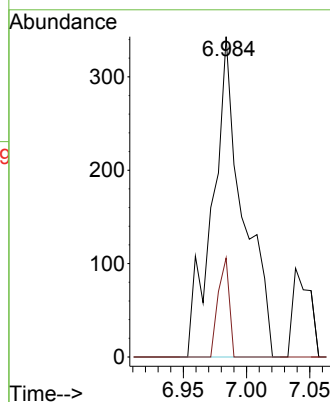


Tgt Ion: 43 Resp: 572

Ion Ratio Lower Upper

43 100

72 30.9 27.3 40.9



#31

Cyclohexane

Concen: 1.467 ug/l

RT: 7.782 min Scan# 978

Delta R.T. 0.012 min

Lab File: VY018658.D

Acq: 20 Jun 2024 15:56

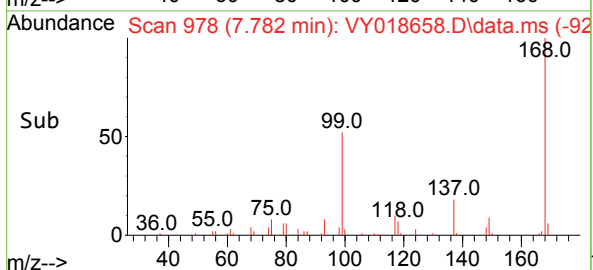
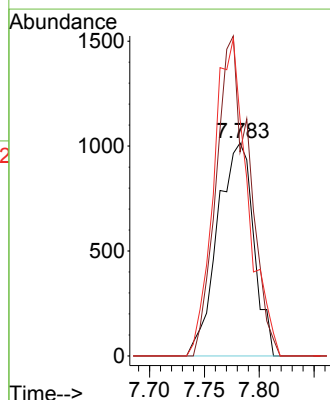
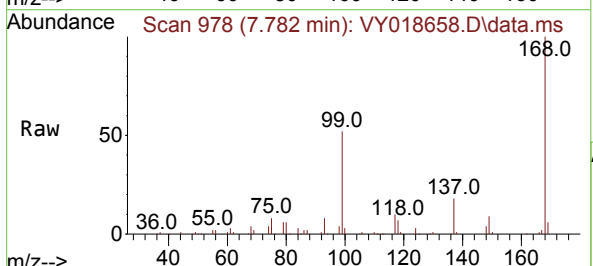
Tgt Ion: 56 Resp: 2325

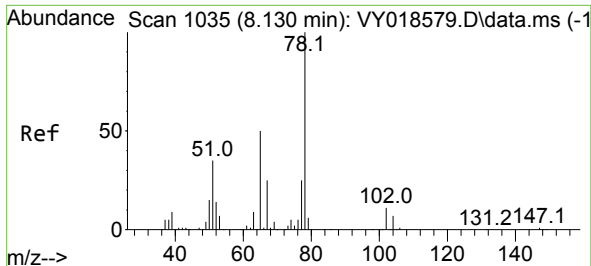
Ion Ratio Lower Upper

56 100

69 95.8 28.7 43.1#

84 111.2 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 55.942 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018658.D

Acq: 20 Jun 2024 15:56

Instrument :

MSVOA_Y

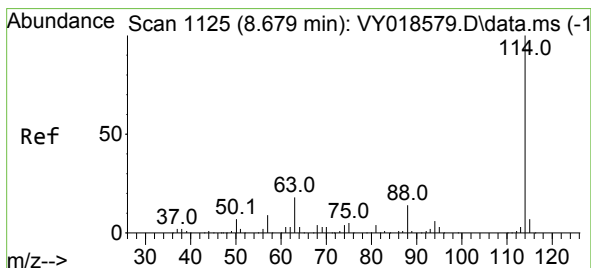
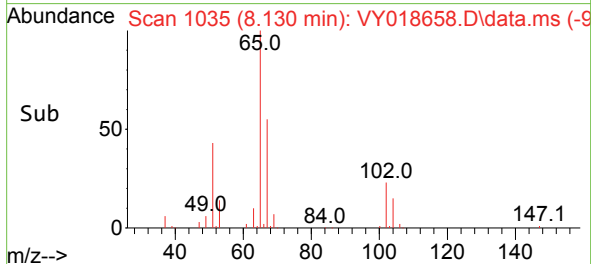
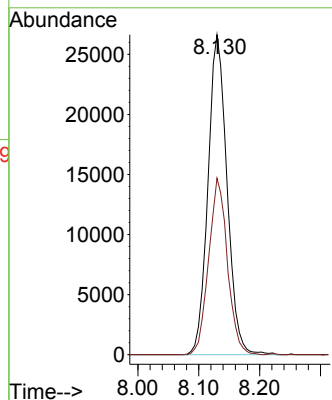
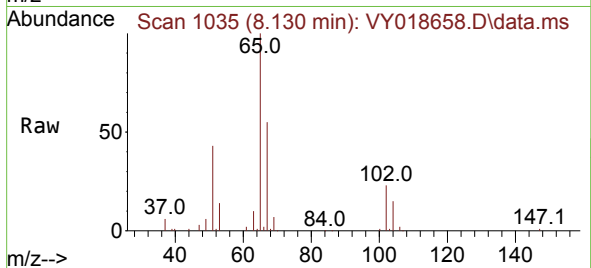
ClientSampleId :

Tgt Ion: 65 Resp: 57882

Ion Ratio Lower Upper

65 100

67 54.3 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: VY018658.D

Acq: 20 Jun 2024 15:56

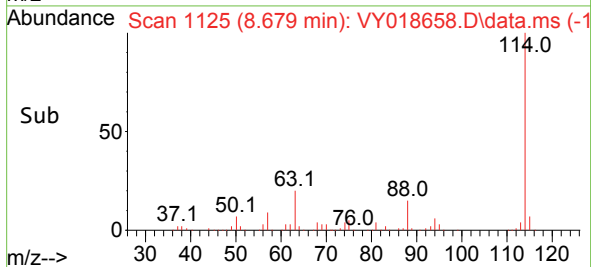
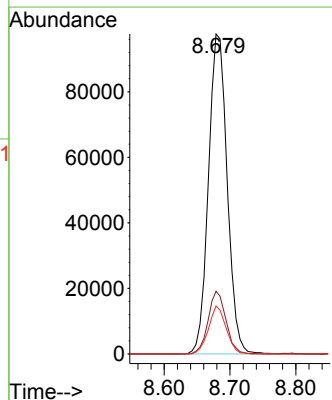
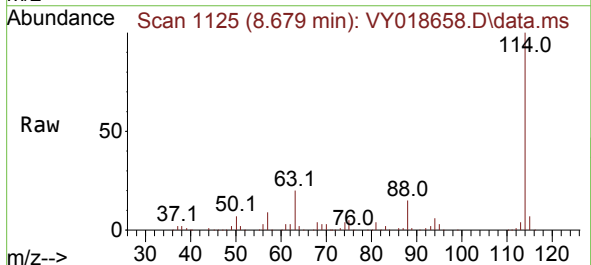
Tgt Ion: 114 Resp: 193657

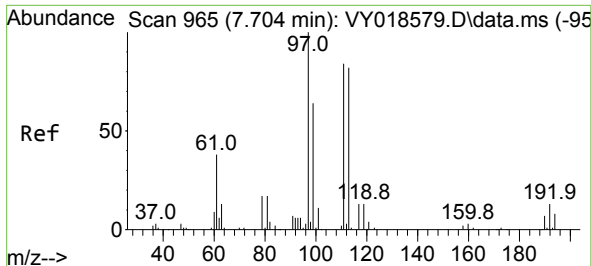
Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

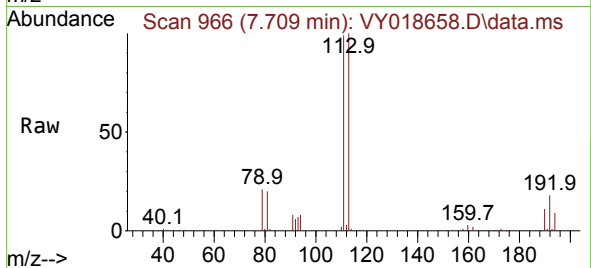
88 15.0 0.0 27.2



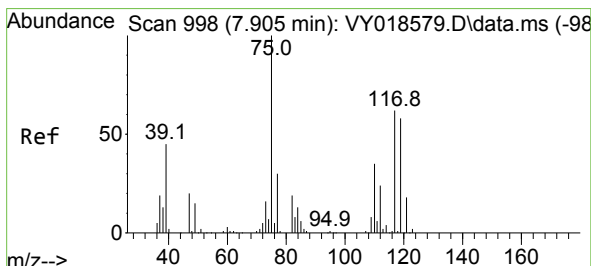
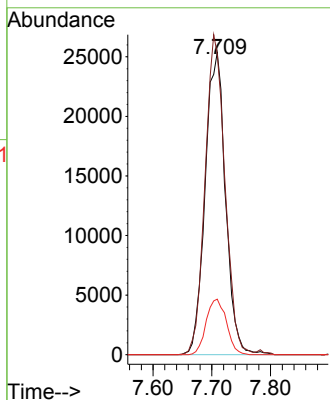
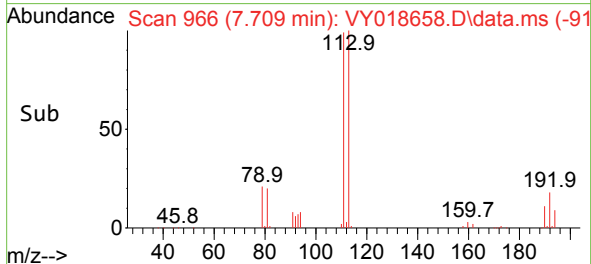


#35
Dibromofluoromethane
Concen: 51.657 ug/l
RT: 7.709 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

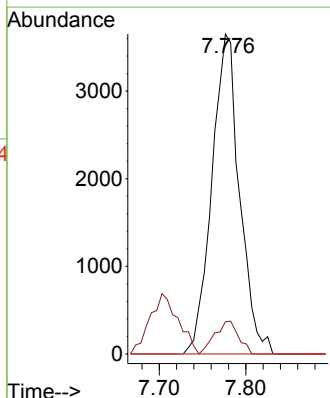
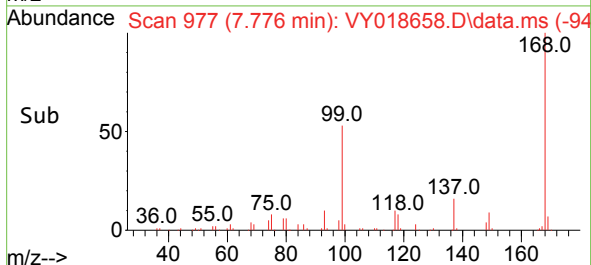
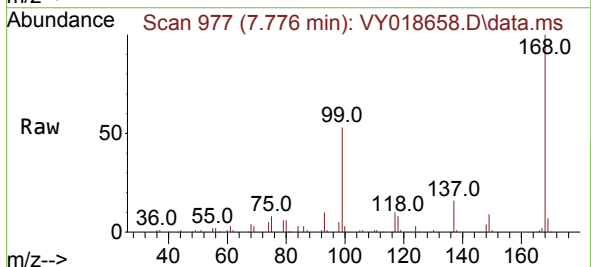


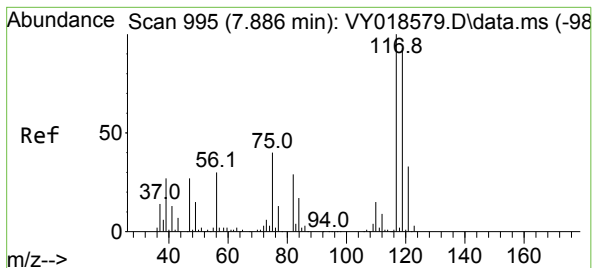
Tgt Ion:113 Resp: 61025
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.987 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

Tgt Ion: 75 Resp: 8110
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.129 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.104 min

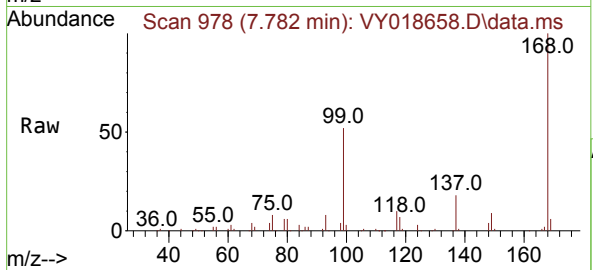
Lab File: VY018658.D

Acq: 20 Jun 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :



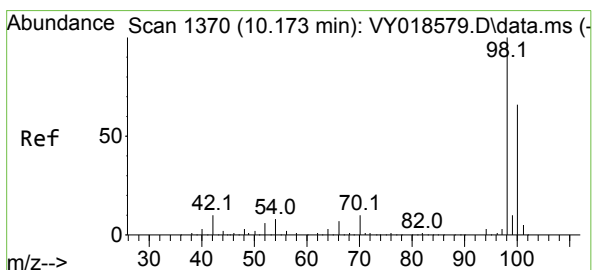
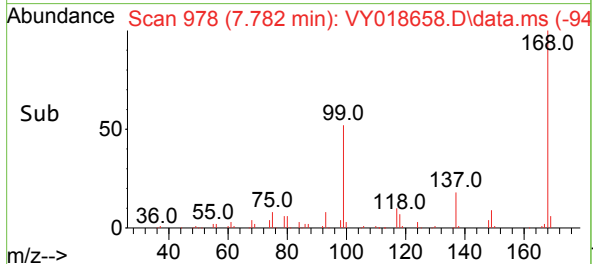
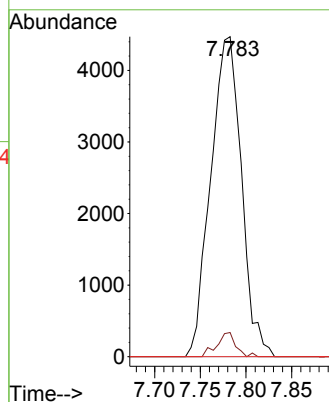
Tgt Ion:117 Resp: 10455

Ion Ratio Lower Upper

117 100

119 7.6 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 50.563 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018658.D

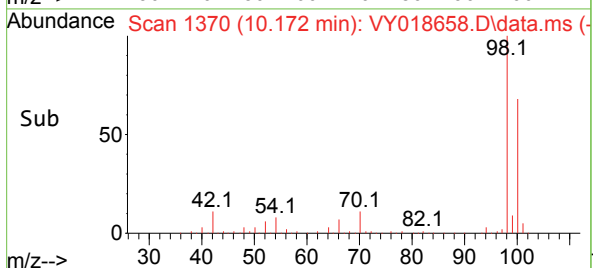
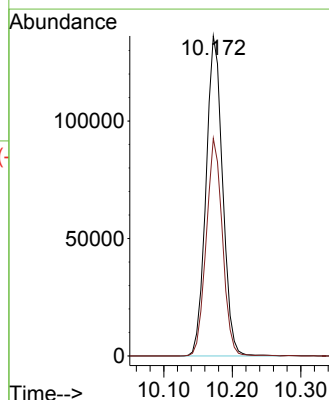
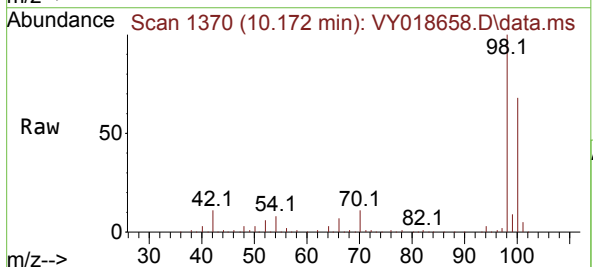
Acq: 20 Jun 2024 15:56

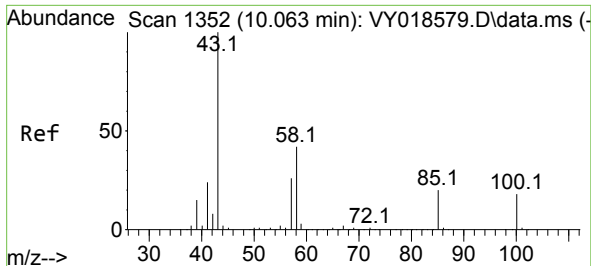
Tgt Ion: 98 Resp: 229709

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0

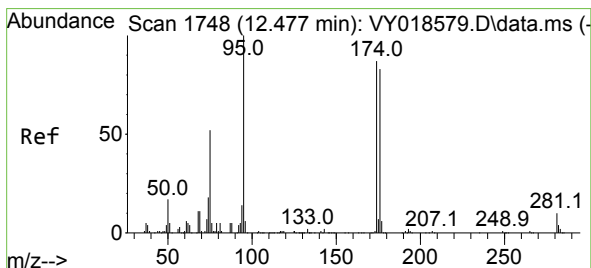
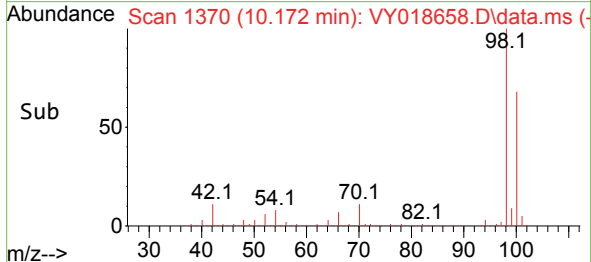
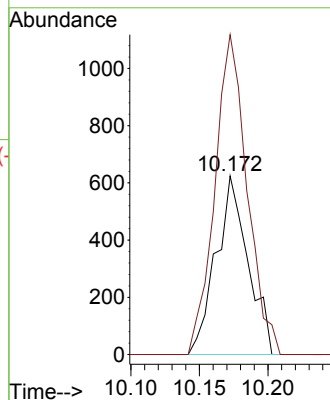
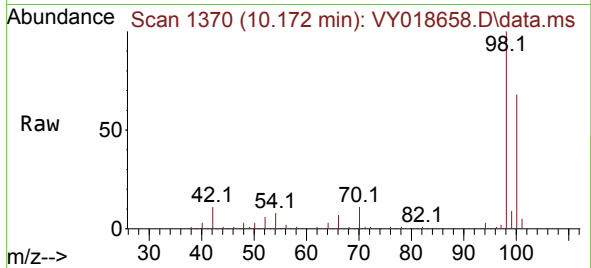




#51
4-Methyl-2-Pentanone
Concen: 1.342 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

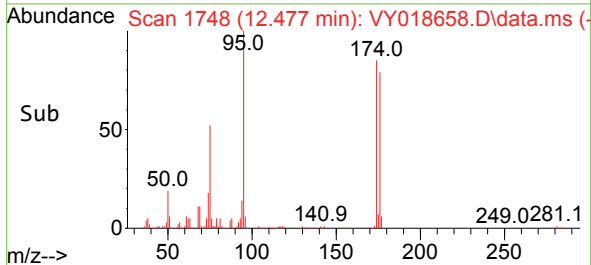
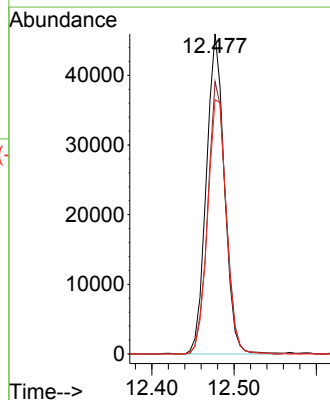
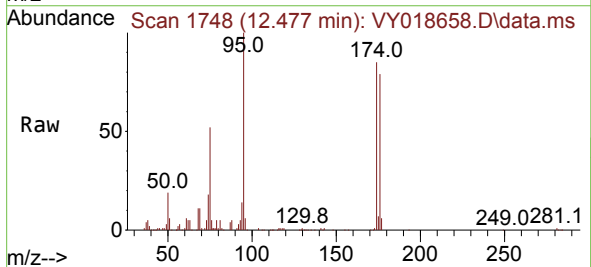
Instrument :
MSVOA_Y
ClientSampleId :

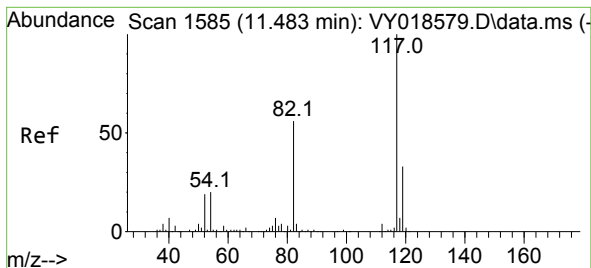
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 181.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

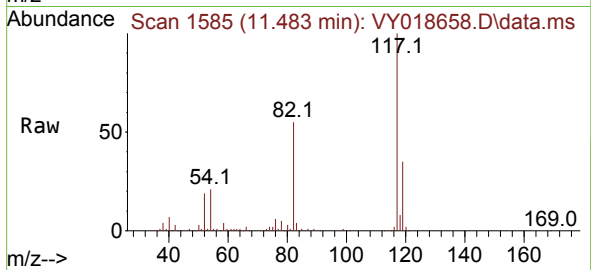
Tgt Ion: 95 Resp: 70236
Ion Ratio Lower Upper
95 100
174 85.4 0.0 175.6
176 82.8 0.0 171.4



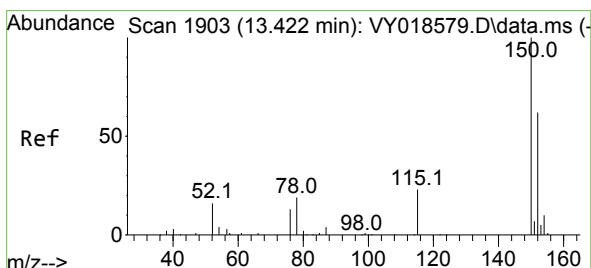
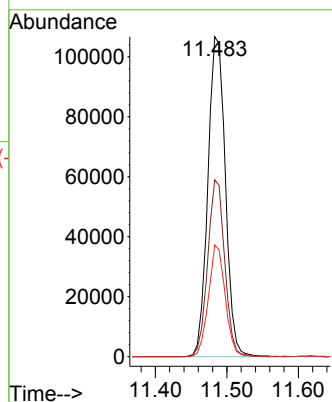
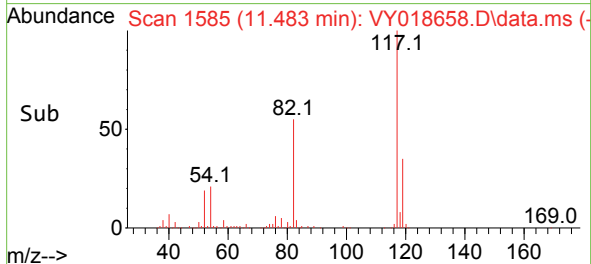


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

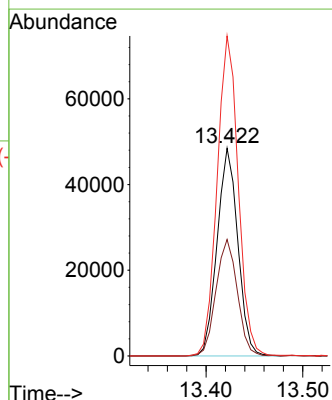
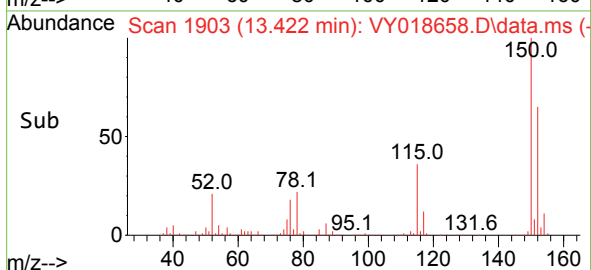
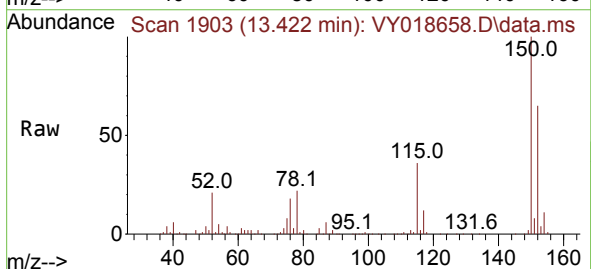


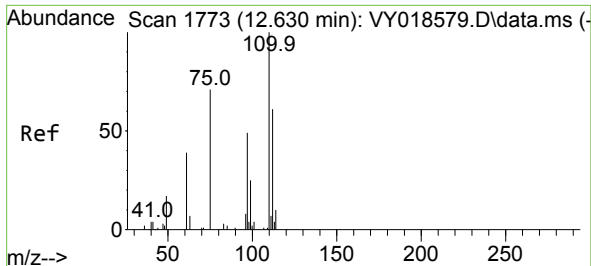
Tgt Ion:117 Resp: 181364
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 34.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

Tgt Ion:152 Resp: 72092
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 157.2 0.0 345.6

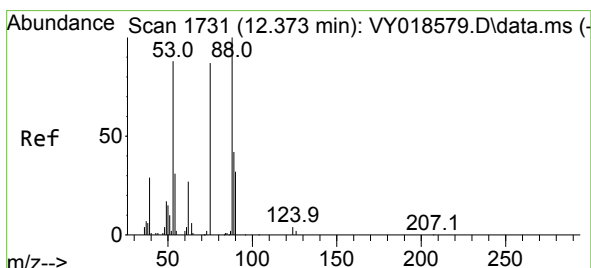
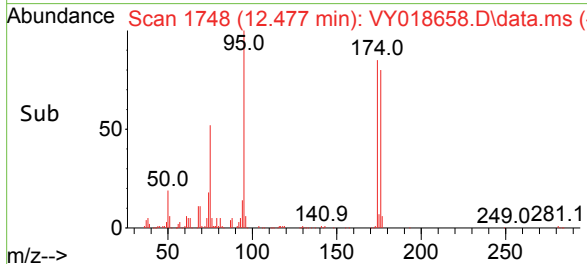
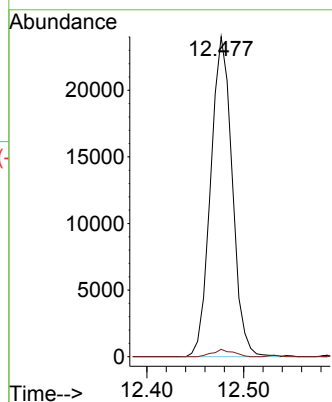
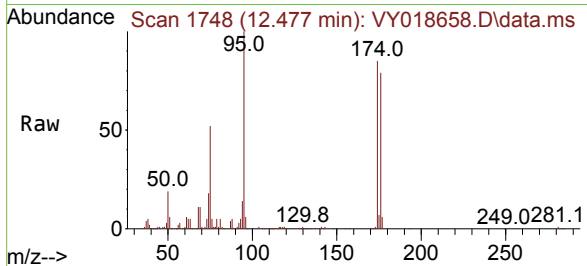




#76
1,2,3-Trichloropropane
Concen: 55.086 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37252
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.290 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY018658.D
Acq: 20 Jun 2024 15:56

Tgt Ion: 75 Resp: 37252
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

