

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018497.D
 Acq On : 05 Jun 2024 20:17
 Operator : SY/MD
 Sample : P2668-03
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-TP-1

Quant Time: Jun 06 06:00:54 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)

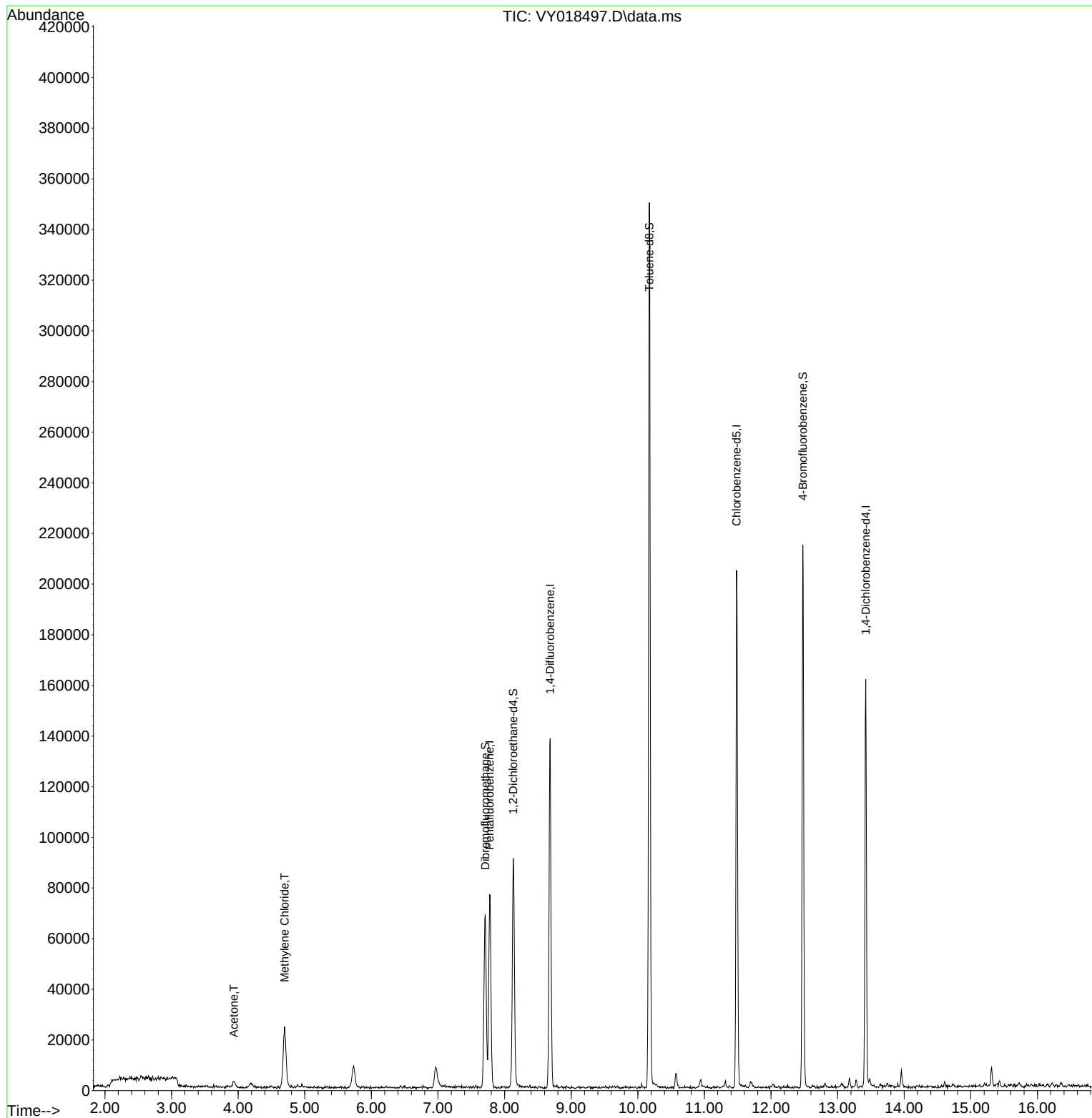
Internal Standards						
1) Pentafluorobenzene	7.777	168	52745	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	112621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	104329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	66837	64.525	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	129.060%	
35) Dibromofluoromethane	7.710	113	48039	33.638	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	67.280%	
50) Toluene-d8	10.173	98	222722	39.202	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	78.400%	
62) 4-Bromofluorobenzene	12.477	95	60592	34.253	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	68.500%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	4176	18.164	ug/l	# 82
20) Methylene Chloride	4.698	84	16431	10.007	ug/l	# 72

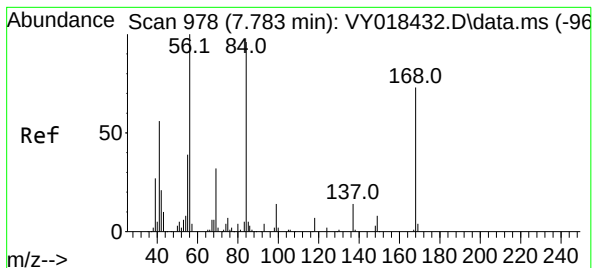
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY018497.D

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Instrument :

MSVOA_Y

ClientSampleId :

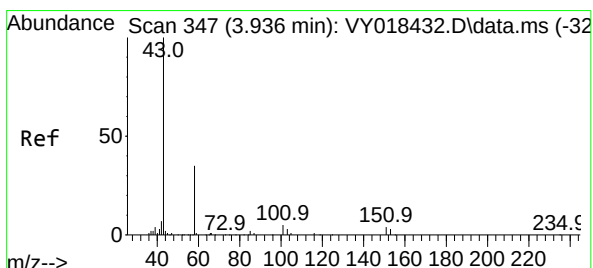
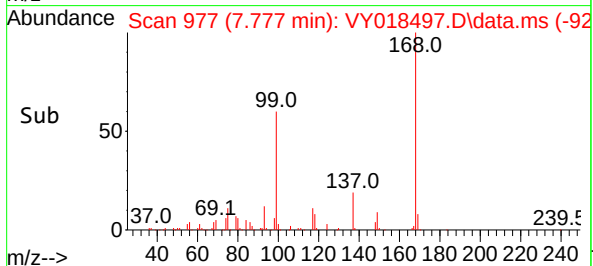
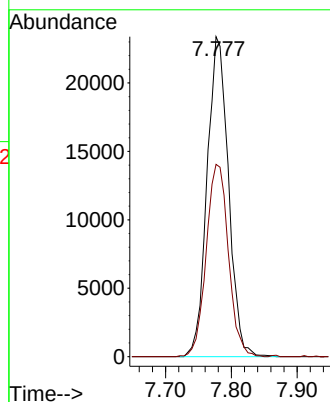
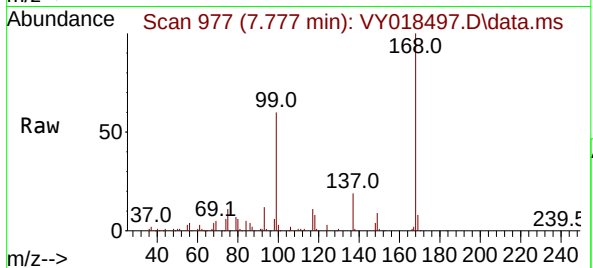
VOC-TP-1

Tgt Ion:168 Resp: 52745

Ion Ratio Lower Upper

168 100

99 60.1 39.1 58.7#



#16

Acetone

Concen: 18.164 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY018497.D

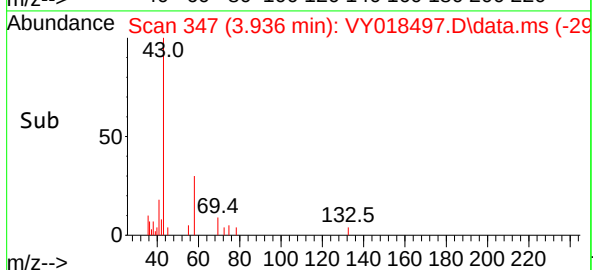
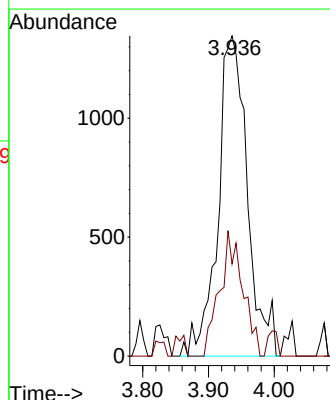
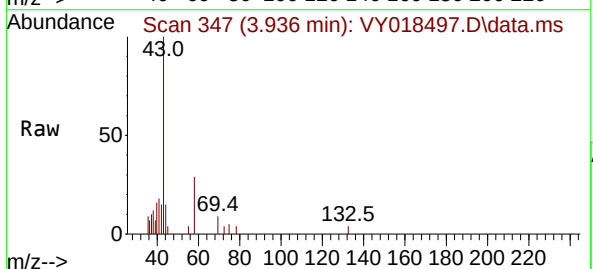
Acq: 05 Jun 2024 20:17

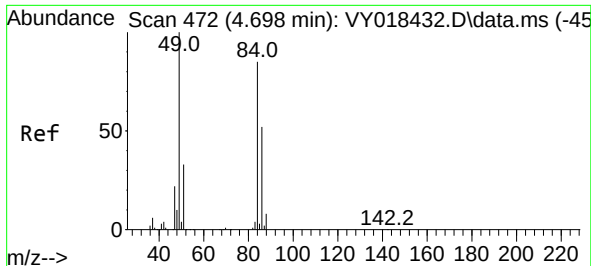
Tgt Ion: 43 Resp: 4176

Ion Ratio Lower Upper

43 100

58 28.8 31.7 47.5#

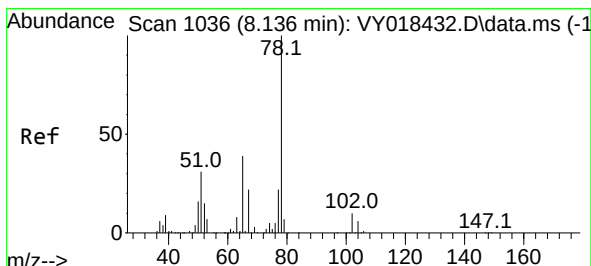
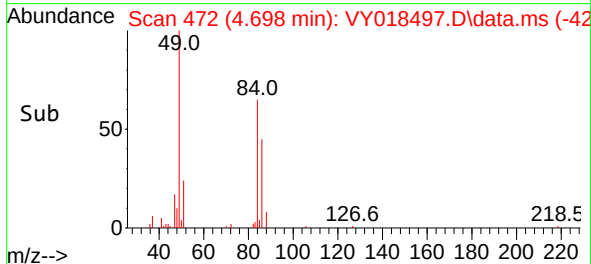
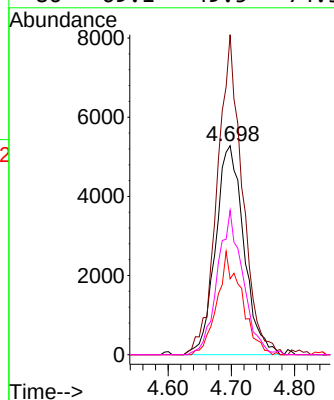
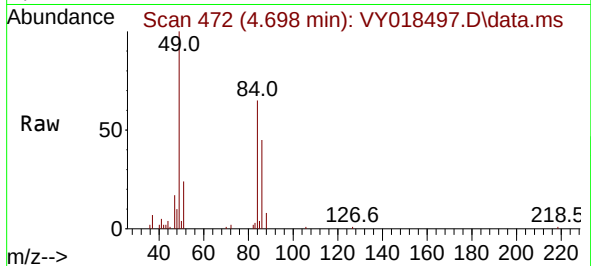




#20
Methylene Chloride
Concen: 10.007 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

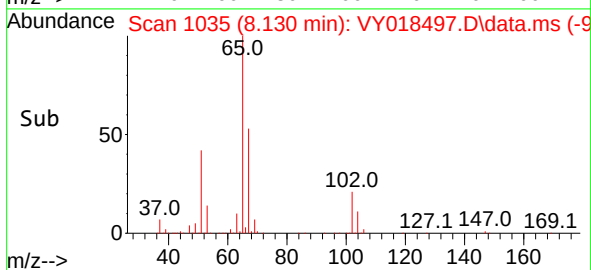
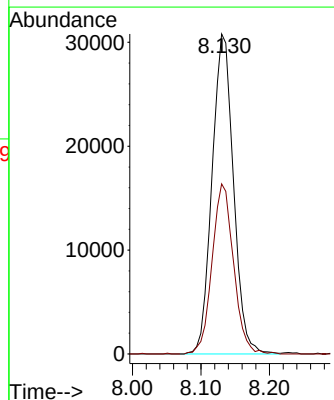
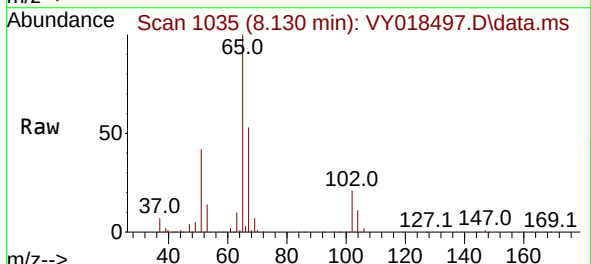
Instrument :
MSVOA_Y
ClientSampleId :
VOC-TP-1

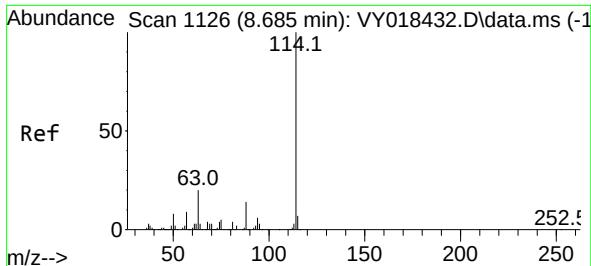
Tgt Ion: 84 Resp: 16431
Ion Ratio Lower Upper
84 100
49 153.1 84.4 126.6#
51 36.3 26.0 39.0
86 69.1 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 64.525 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

Tgt Ion: 65 Resp: 66837
Ion Ratio Lower Upper
65 100
67 53.4 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: VY018497.D

Acq: 05 Jun 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

VOC-TP-1

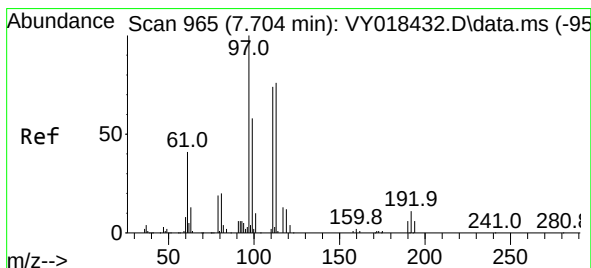
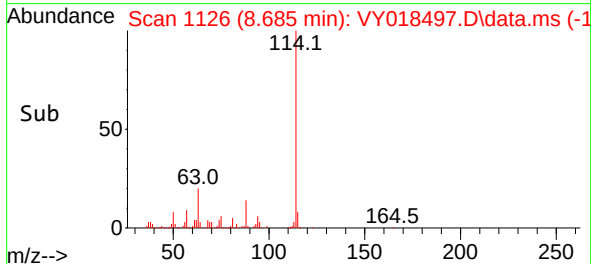
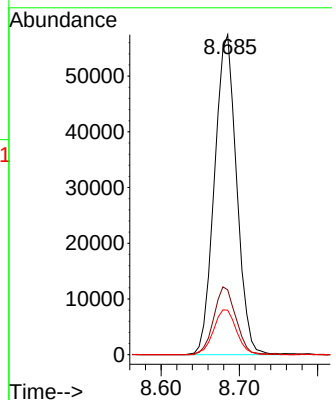
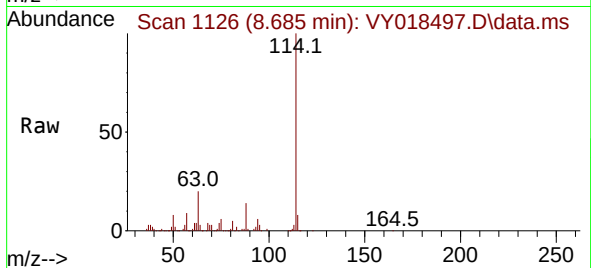
Tgt Ion:114 Resp: 112621

Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 33.638 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018497.D

Acq: 05 Jun 2024 20:17

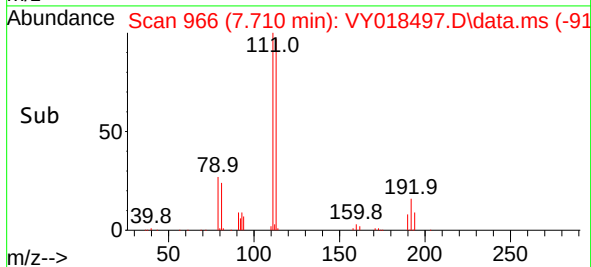
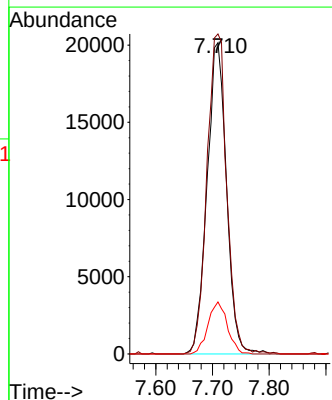
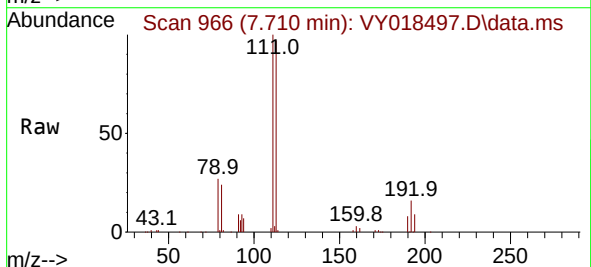
Tgt Ion:113 Resp: 48039

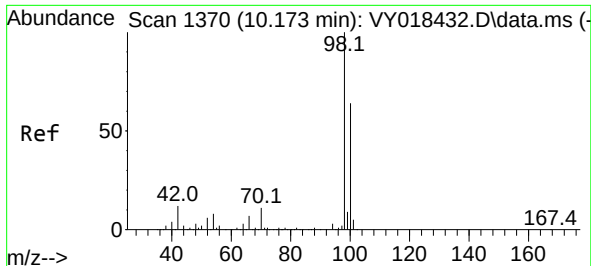
Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 16.7 15.9 23.9

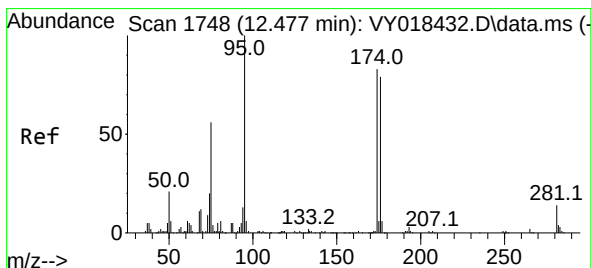
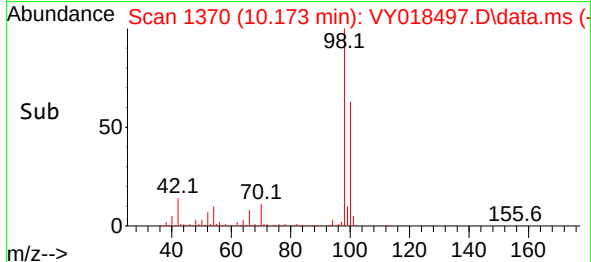
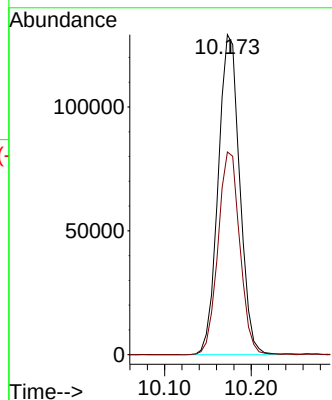
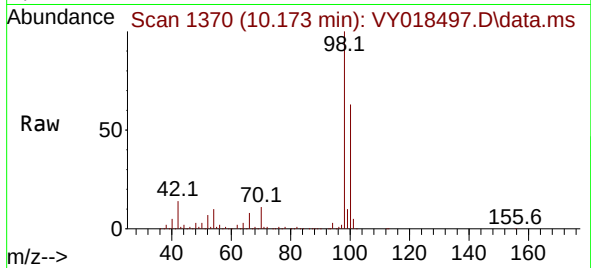




#50
Toluene-d8
Concen: 39.202 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

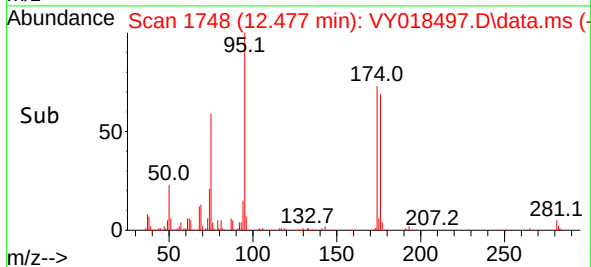
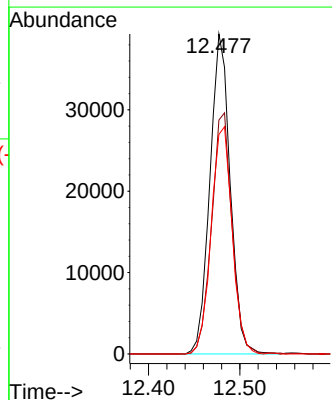
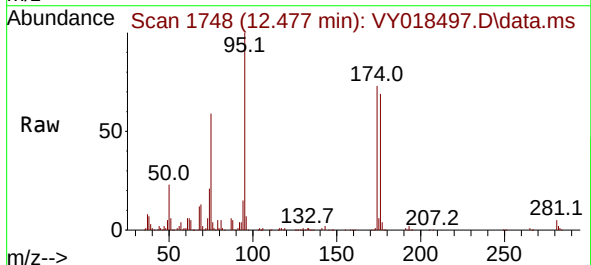
Instrument :
MSVOA_Y
ClientSampleId :
VOC-TP-1

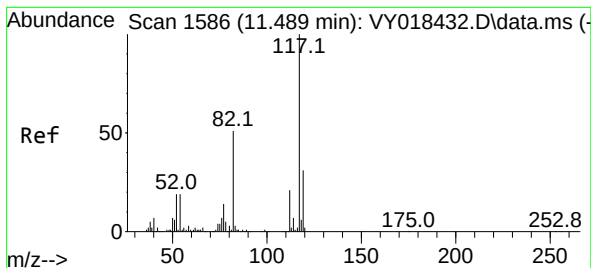
Tgt Ion: 98 Resp: 222722
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.253 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

Tgt Ion: 95 Resp: 60592
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 73.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018497.D

Acq: 05 Jun 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

VOC-TP-1

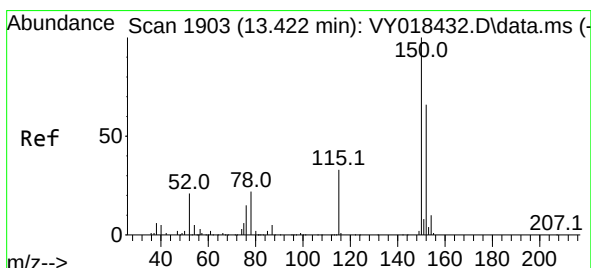
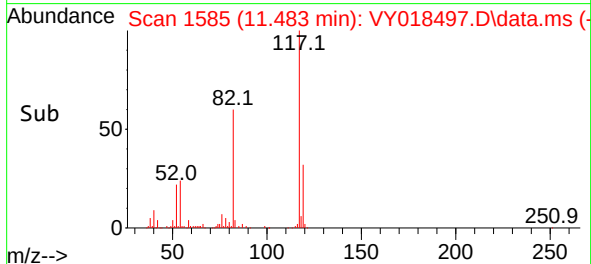
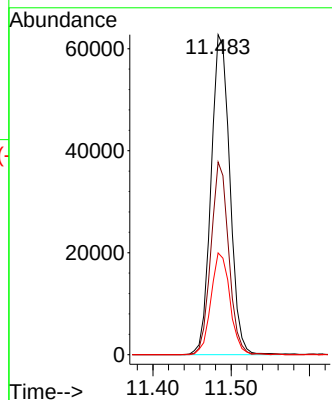
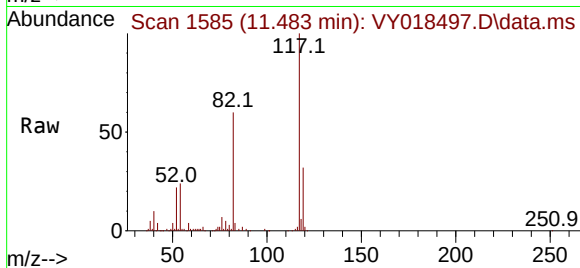
Tgt Ion:117 Resp: 104329

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 31.8 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: VY018497.D

Acq: 05 Jun 2024 20:17

Tgt Ion:152 Resp: 36756

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 160.9 0.0 345.6

