

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016877.D
 Acq On : 27 Dec 2023 15:00
 Operator : SY/MD
 Sample : 05994-09RE
 Misc : 7.41g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-C-GRABRE

Quant Time: Dec 28 03:45:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

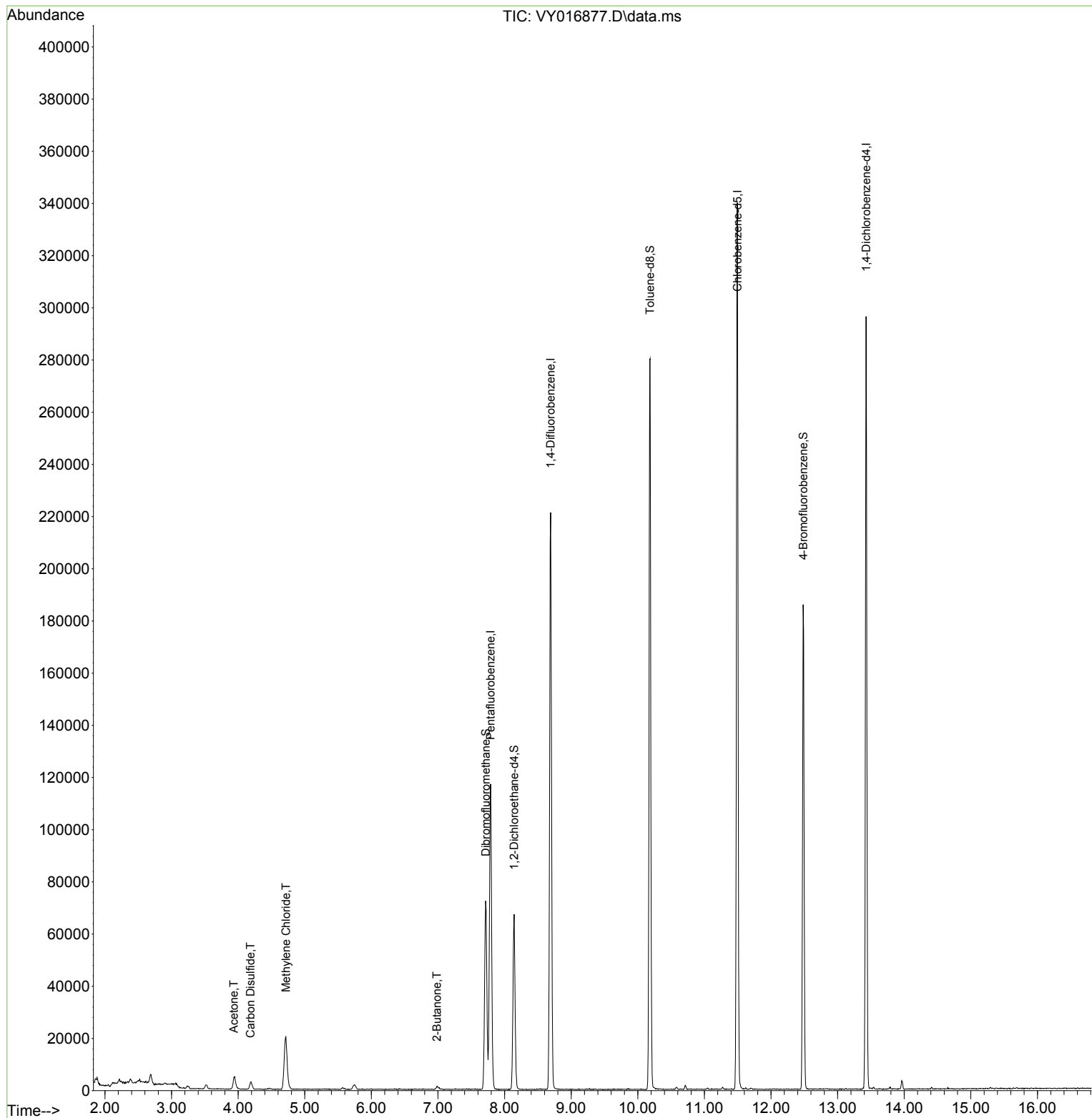
Internal Standards						
1) Pentafluorobenzene	7.789	168	86717	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	188179	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	183444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49590	62.643	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.280%
35) Dibromofluoromethane	7.716	113	52529	48.731	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.460%
50) Toluene-d8	10.185	98	185804	47.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.483	95	57141	45.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.660%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	8653	40.422	ug/l	90
17) Carbon Disulfide	4.186	76	5499	2.469	ug/l	98
20) Methylene Chloride	4.716	84	14819	10.953	ug/l	96
25) 2-Butanone	6.984	43	1969	6.681	ug/l	97

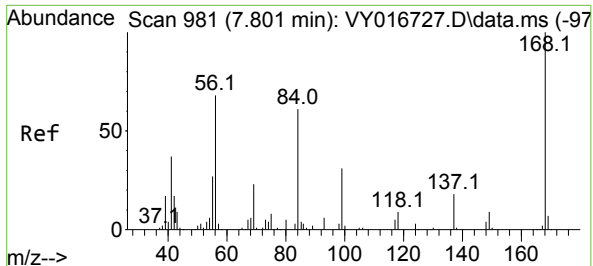
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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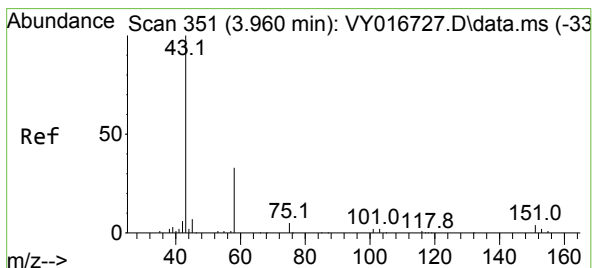
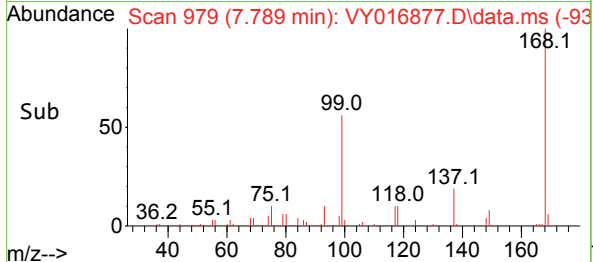
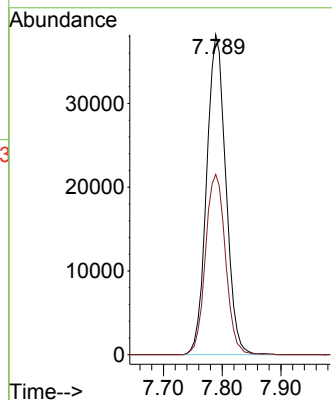
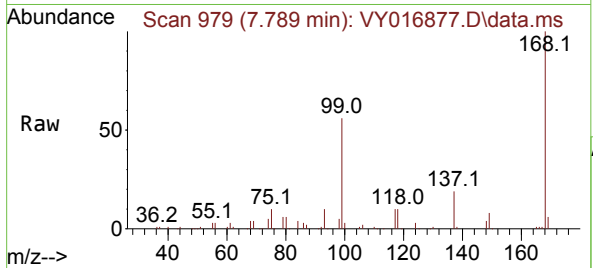




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016877.D
Acq: 27 Dec 2023 15:00

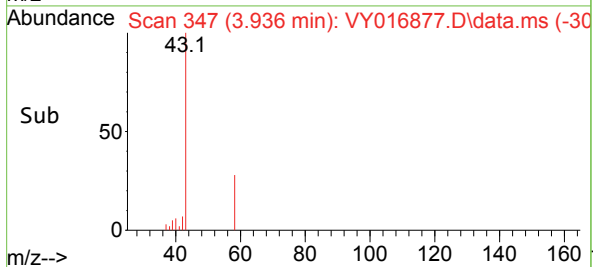
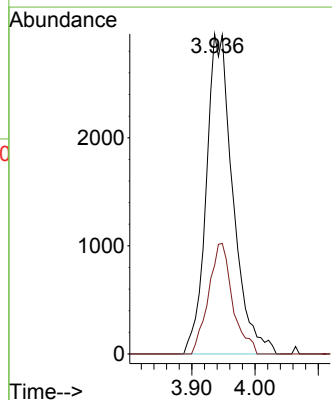
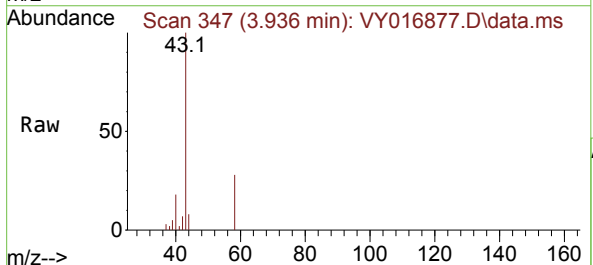
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRABRE

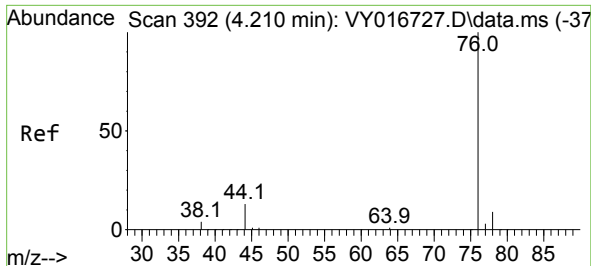
Tgt Ion:168 Resp: 86717
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#16
Acetone
Concen: 40.422 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.024 min
Lab File: VY016877.D
Acq: 27 Dec 2023 15:00

Tgt Ion: 43 Resp: 8653
Ion Ratio Lower Upper
43 100
58 27.6 26.6 39.8

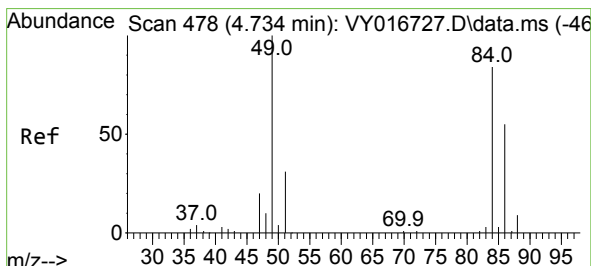
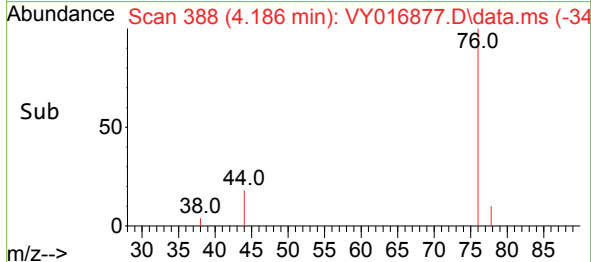
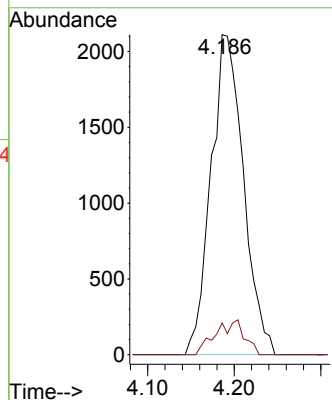
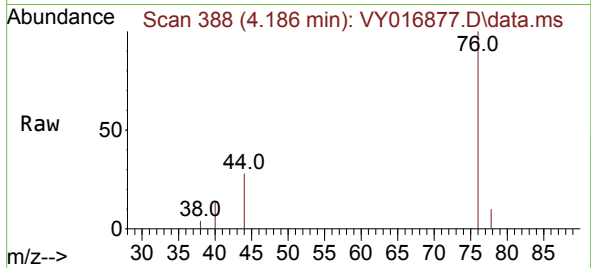




#17
Carbon Disulfide
Concen: 2.469 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.024 min
Lab File: VY016877.D
Acq: 27 Dec 2023 15:00

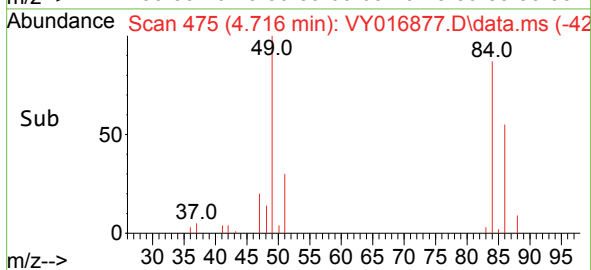
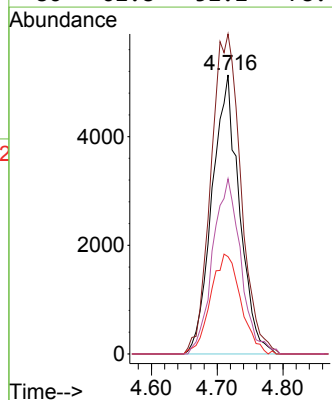
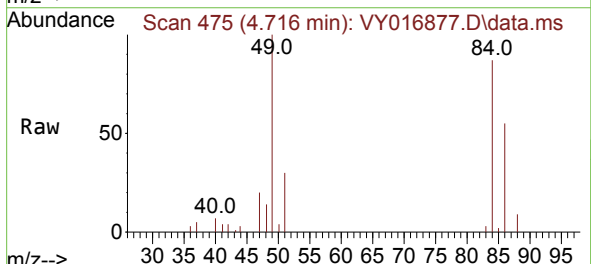
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRABRE

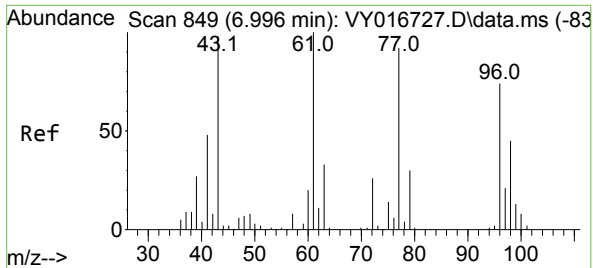
Tgt Ion: 76 Resp: 5499
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#20
Methylene Chloride
Concen: 10.953 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY016877.D
Acq: 27 Dec 2023 15:00

Tgt Ion: 84 Resp: 14819
Ion Ratio Lower Upper
84 100
49 114.7 95.2 142.8
51 34.9 29.9 44.9
86 62.8 52.2 78.4

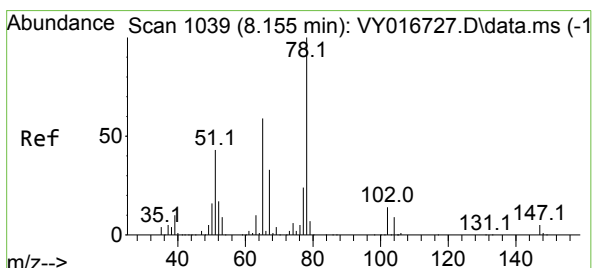
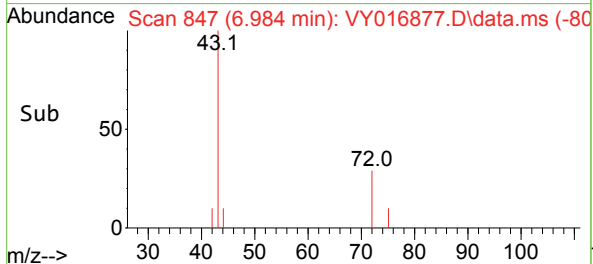
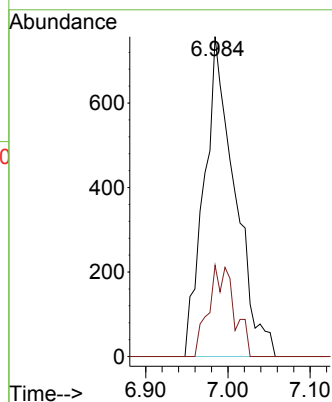
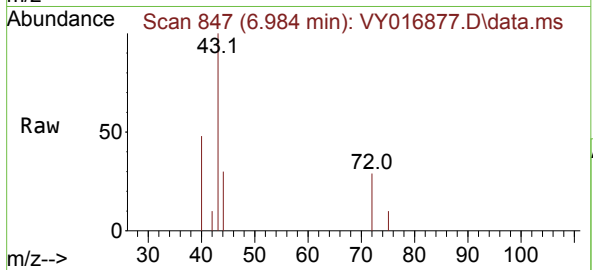




#25
2-Butanone
Concen: 6.681 ug/l
RT: 6.984 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY016877.D
Acq: 27 Dec 2023 15:00

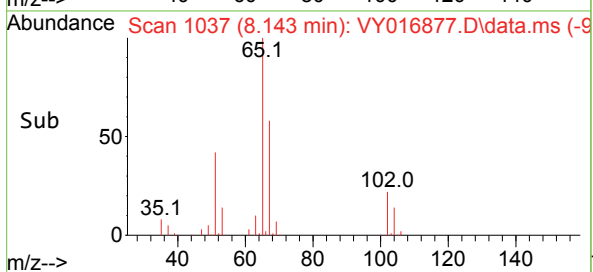
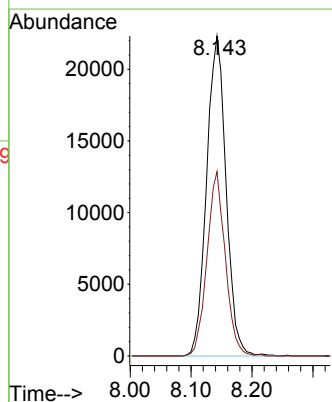
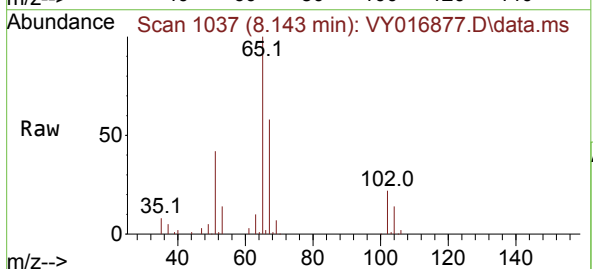
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRABRE

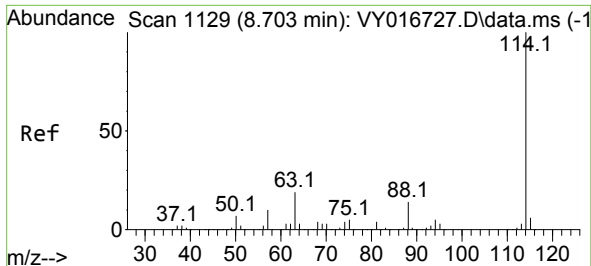
Tgt Ion: 43 Resp: 1969
Ion Ratio Lower Upper
43 100
72 28.5 21.4 32.2



#33
1,2-Dichloroethane-d4
Concen: 62.643 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016877.D
Acq: 27 Dec 2023 15:00

Tgt Ion: 65 Resp: 49590
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016877.D

Acq: 27 Dec 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

WC-C-GRABRE

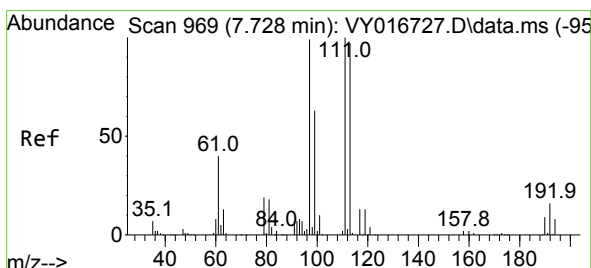
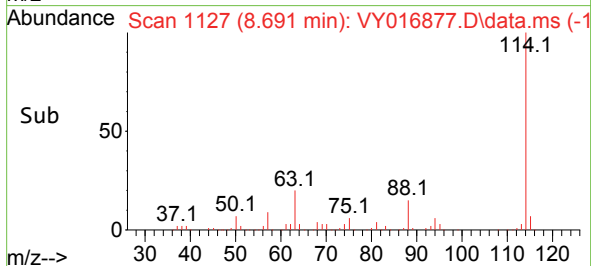
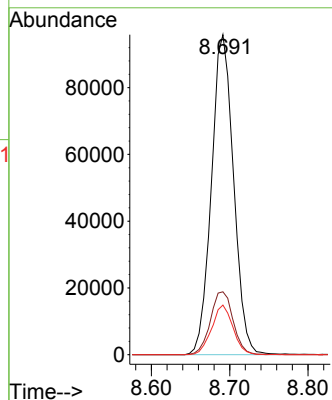
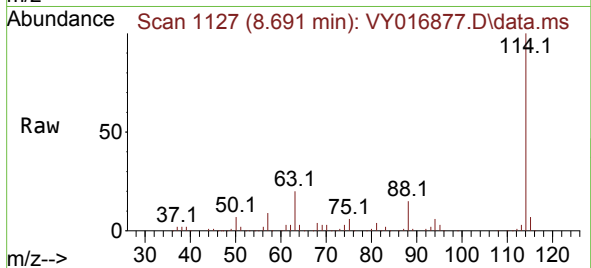
Tgt Ion:114 Resp: 188179

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.731 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY016877.D

Acq: 27 Dec 2023 15:00

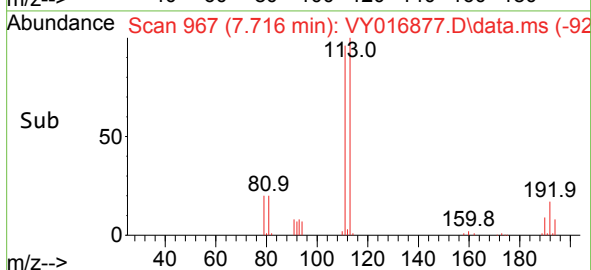
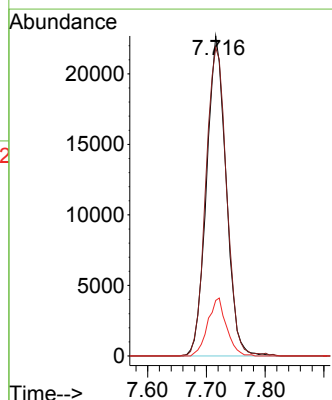
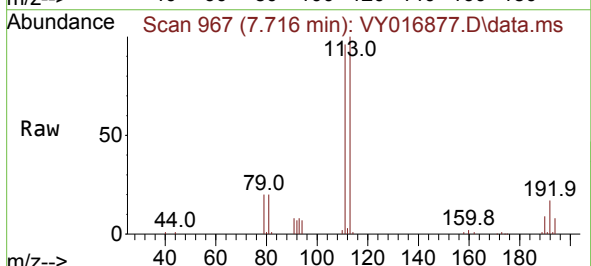
Tgt Ion:113 Resp: 52529

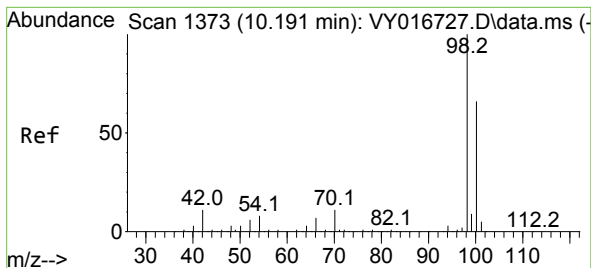
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.3 14.5 21.7





#50

Toluene-d8

Concen: 47.816 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016877.D

Acq: 27 Dec 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

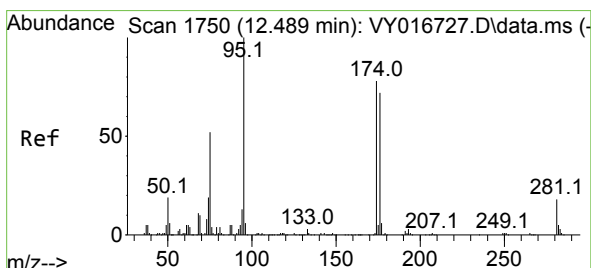
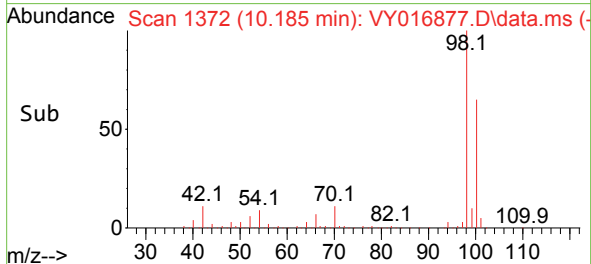
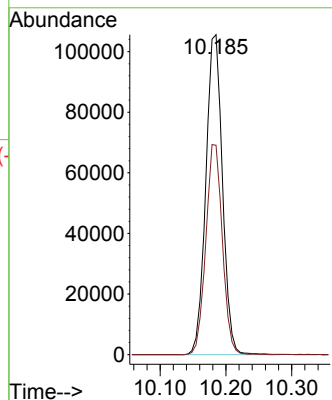
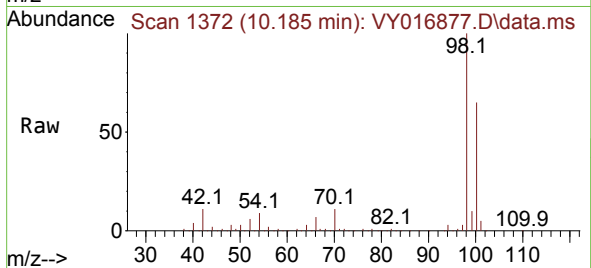
WC-C-GRABRE

Tgt Ion: 98 Resp: 185804

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.325 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016877.D

Acq: 27 Dec 2023 15:00

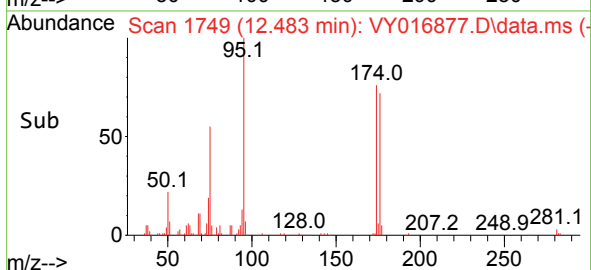
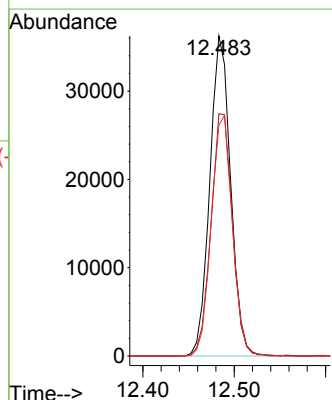
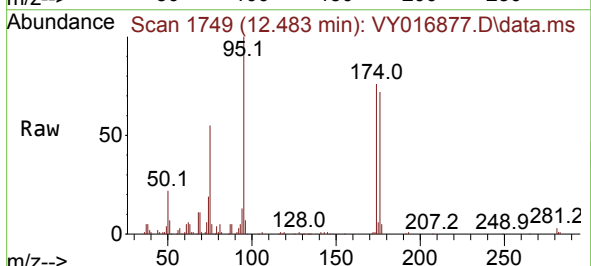
Tgt Ion: 95 Resp: 57141

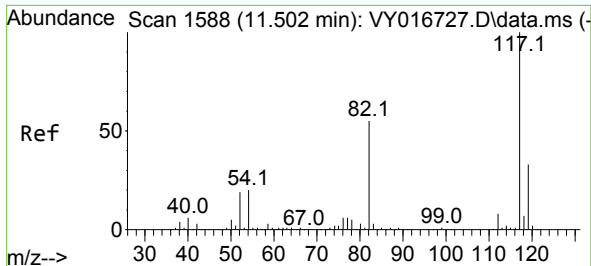
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.0

176 76.1 0.0 151.8

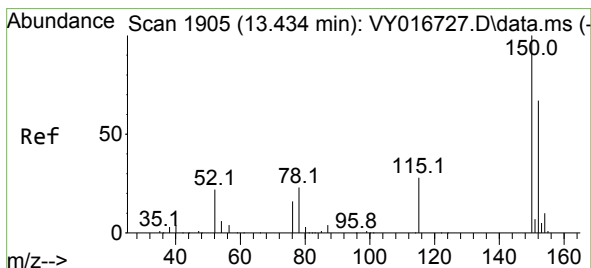
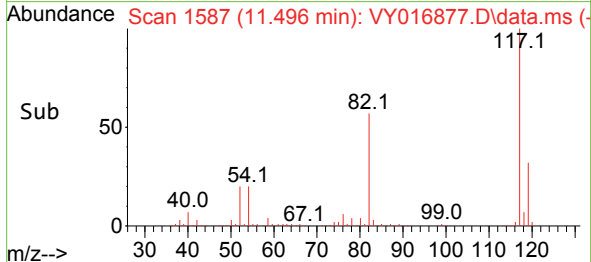
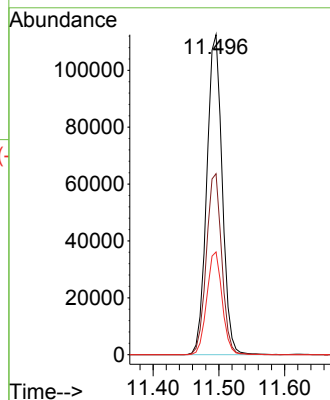
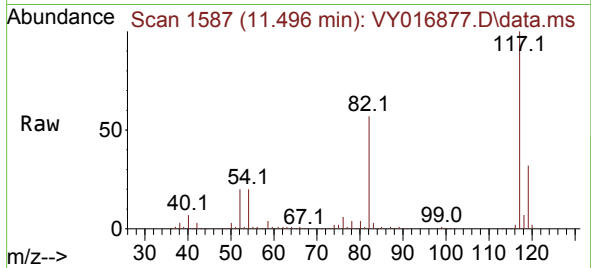




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016877.D
Acq: 27 Dec 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRABRE

Tgt Ion:117 Resp: 183444
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016877.D
Acq: 27 Dec 2023 15:00

Tgt Ion:152 Resp: 71497
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 155.8 0.0 344.6

