

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016876.D
 Acq On : 27 Dec 2023 14:36
 Operator : SY/MD
 Sample : 05994-06RE
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-GRABRE

Quant Time: Dec 28 03:45:22 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)

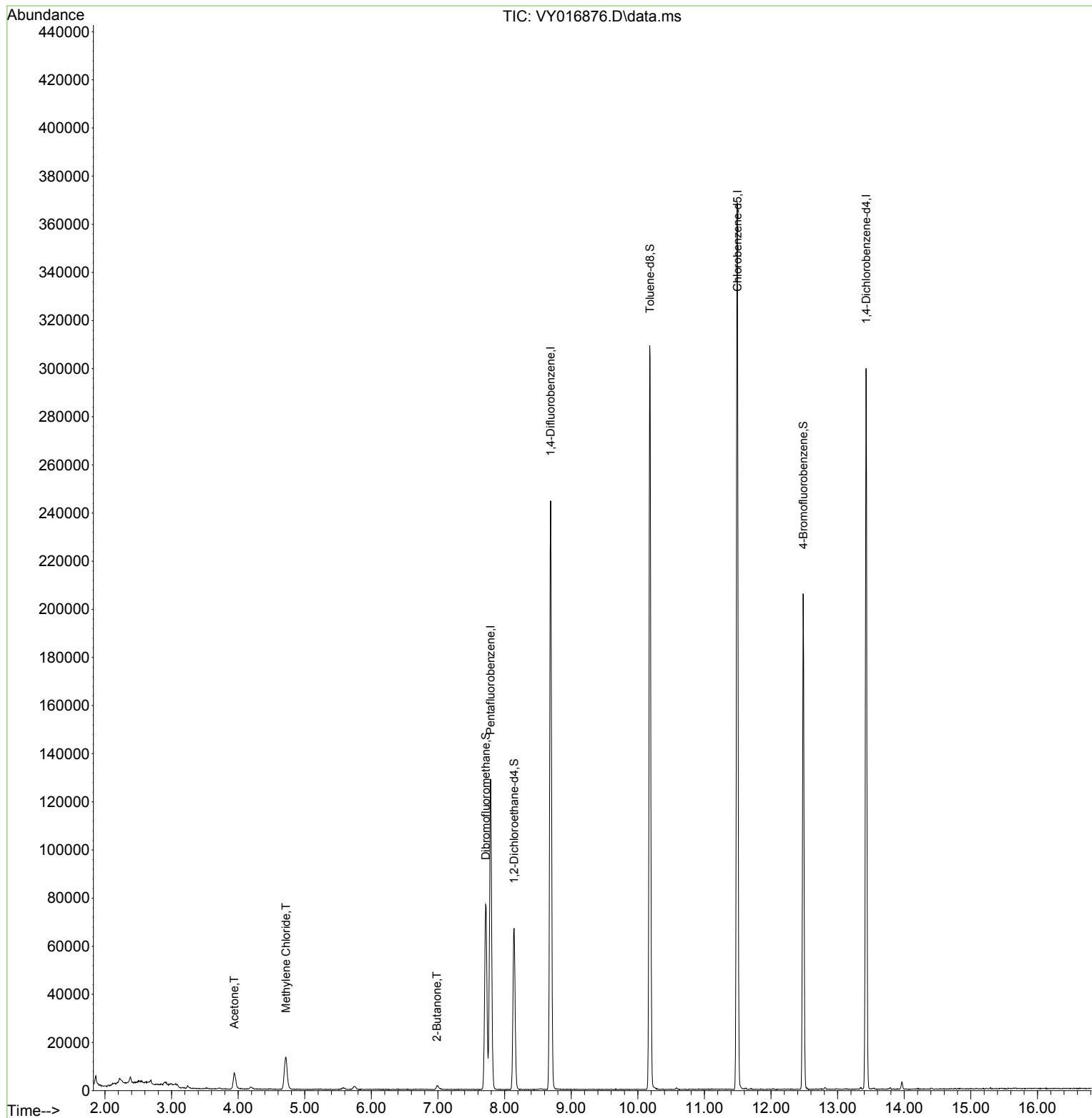
Internal Standards						
1) Pentafluorobenzene	7.789	168	94223	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	204555	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	200820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51404	59.761	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.520%
35) Dibromofluoromethane	7.716	113	56024	47.813	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.620%
50) Toluene-d8	10.185	98	204393	48.388	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.483	95	62459	45.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.160%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	12146	52.219	ug/l	94
20) Methylene Chloride	4.716	84	10022	5.682	ug/l	94
25) 2-Butanone	6.984	43	2951	9.215	ug/l	98

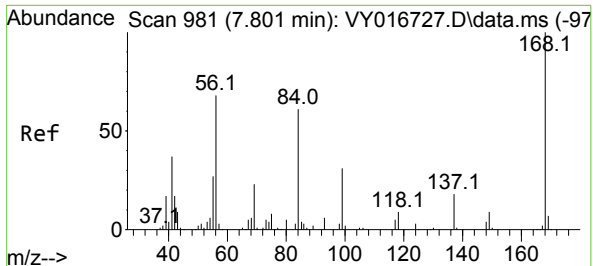
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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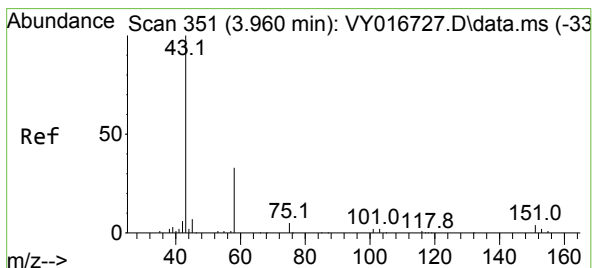
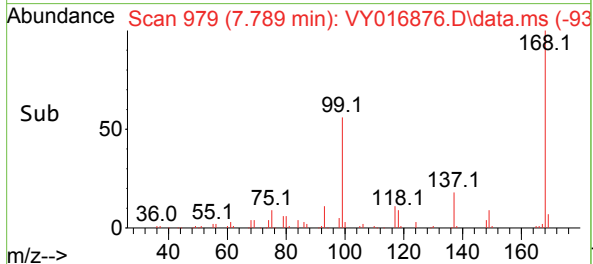
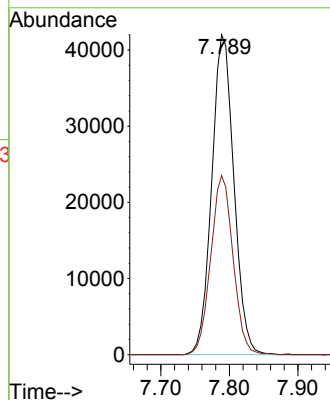
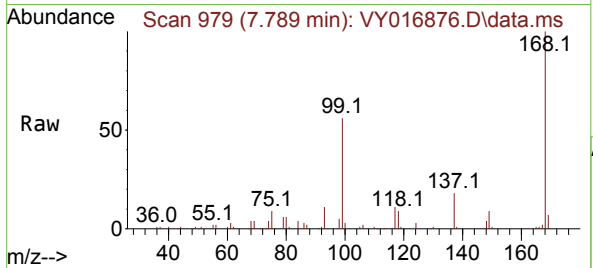




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016876.D
Acq: 27 Dec 2023 14:36

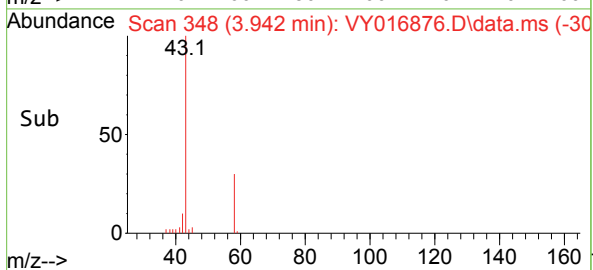
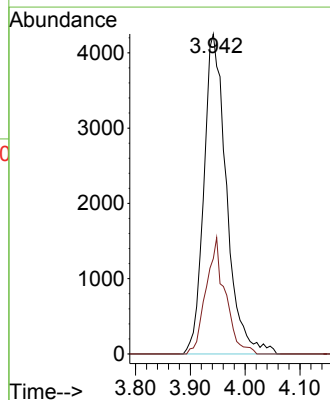
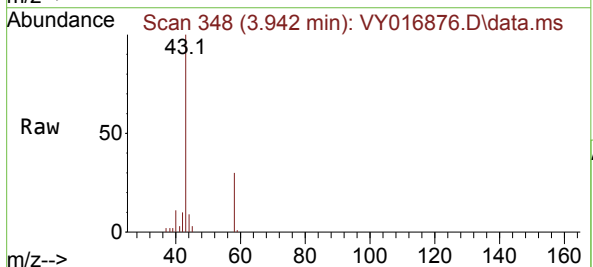
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRABRE

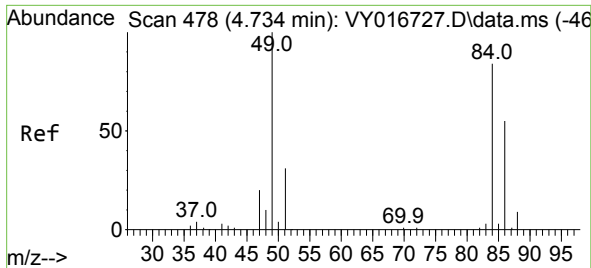
Tgt Ion:168 Resp: 94223
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#16
Acetone
Concen: 52.219 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY016876.D
Acq: 27 Dec 2023 14:36

Tgt Ion: 43 Resp: 12146
Ion Ratio Lower Upper
43 100
58 29.8 26.6 39.8



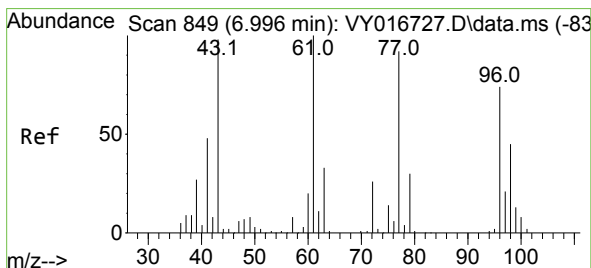
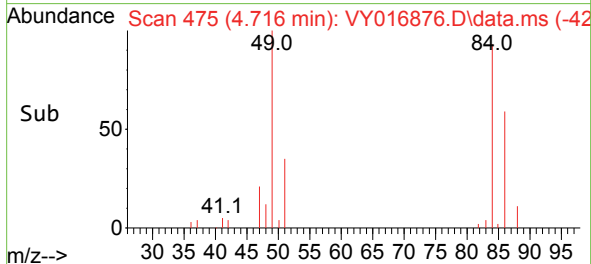
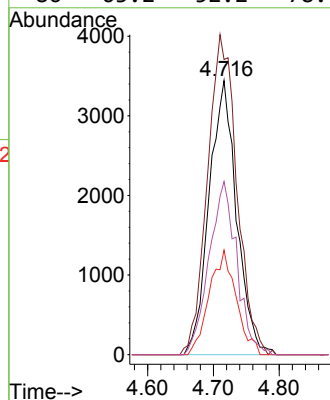
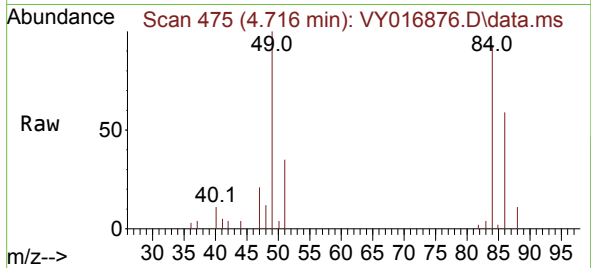


#20
Methylene Chloride
Concen: 5.682 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY016876.D
Acq: 27 Dec 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRABRE

Tgt Ion: 84 Resp: 10022

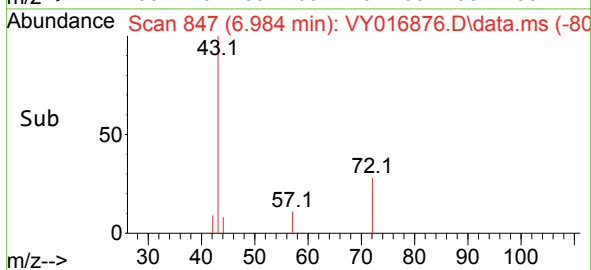
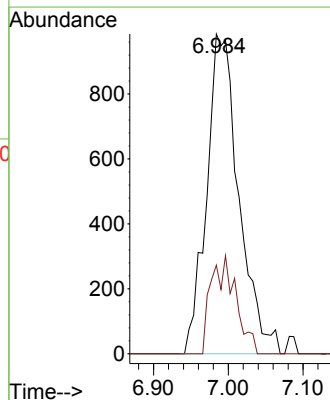
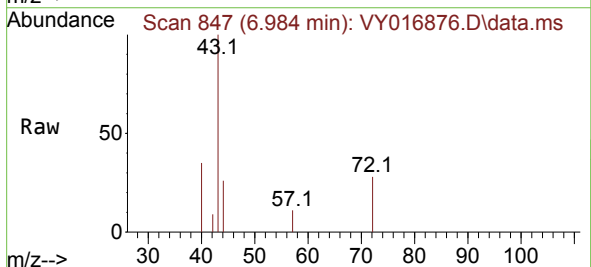
Ion	Ratio	Lower	Upper
84	100		
49	107.7	95.2	142.8
51	38.1	29.9	44.9
86	63.2	52.2	78.4

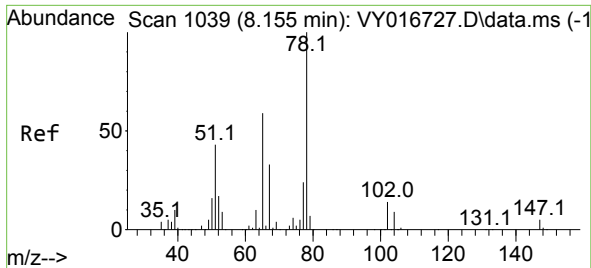


#25
2-Butanone
Concen: 9.215 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY016876.D
Acq: 27 Dec 2023 14:36

Tgt Ion: 43 Resp: 2951

Ion	Ratio	Lower	Upper
43	100		
72	27.7	21.4	32.2

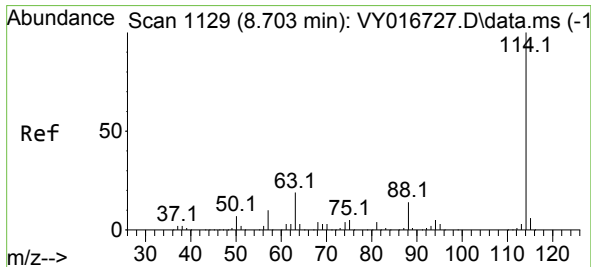
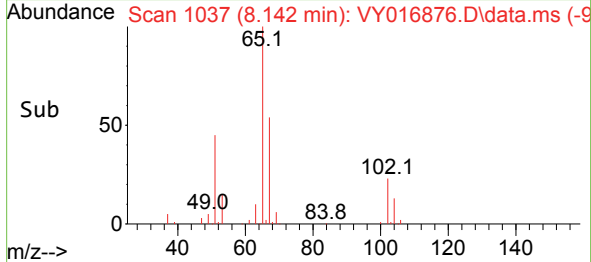
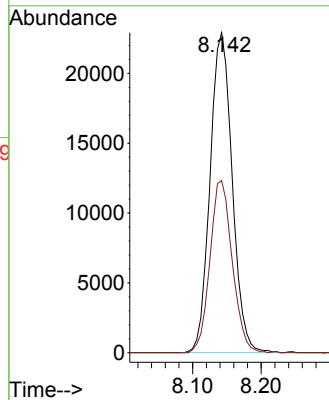
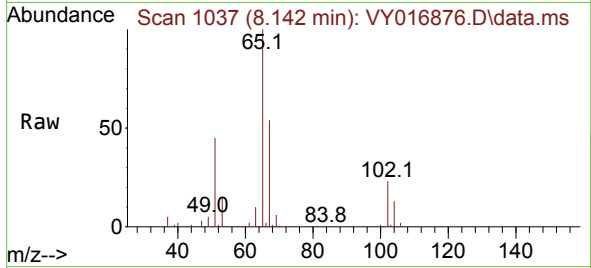




#33
 1,2-Dichloroethane-d4
 Concen: 59.761 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.012 min
 Lab File: VY016876.D
 Acq: 27 Dec 2023 14:36

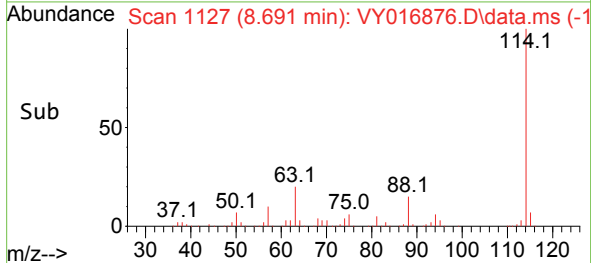
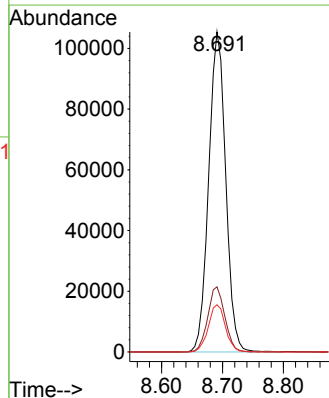
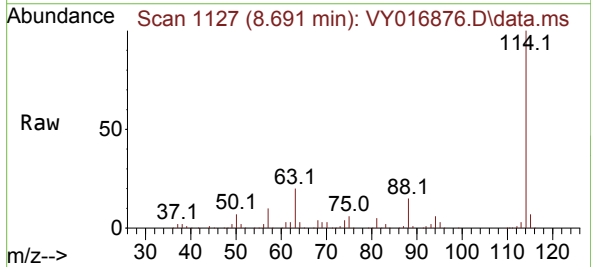
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-GRABRE

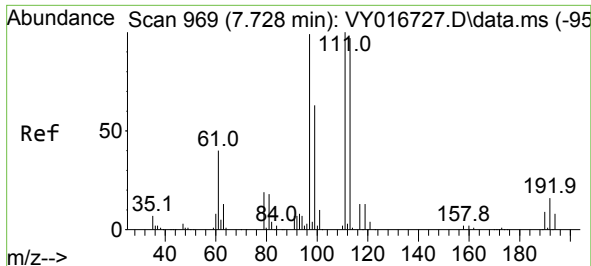
Tgt Ion: 65 Resp: 51404
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016876.D
 Acq: 27 Dec 2023 14:36

Tgt Ion: 114 Resp: 204555
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.4
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.813 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY016876.D

Acq: 27 Dec 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-B-GRABRE

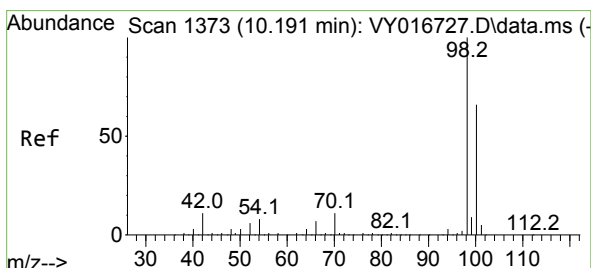
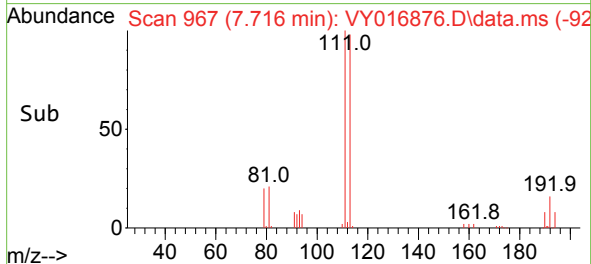
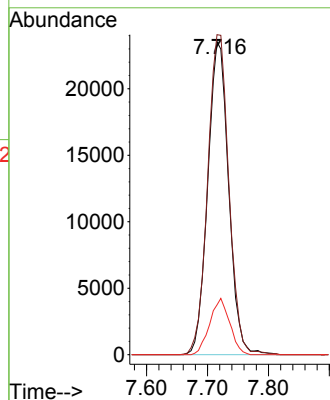
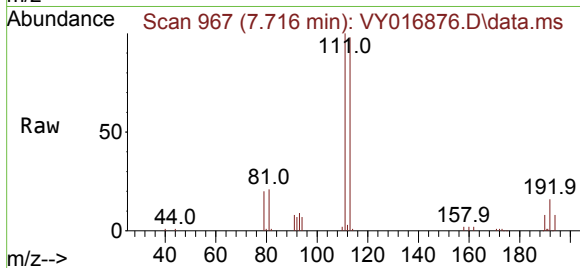
Tgt Ion:113 Resp: 56024

Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 17.2 14.5 21.7



#50

Toluene-d8

Concen: 48.388 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016876.D

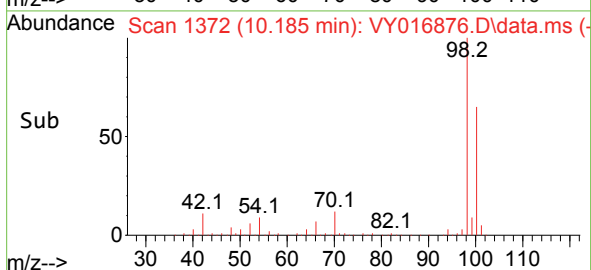
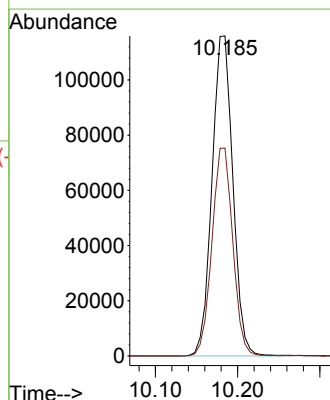
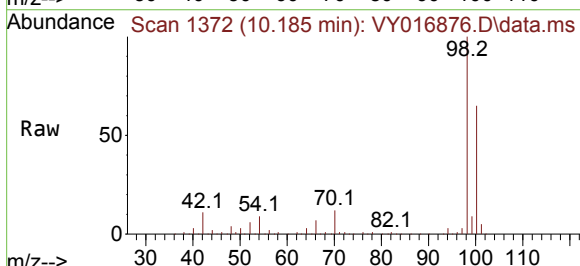
Acq: 27 Dec 2023 14:36

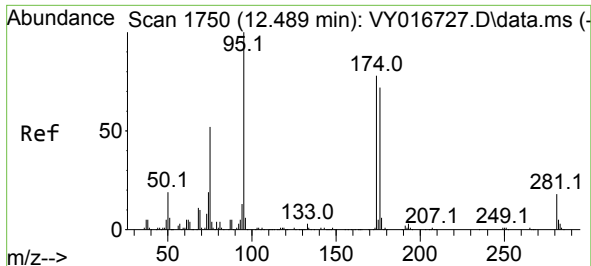
Tgt Ion: 98 Resp: 204393

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5

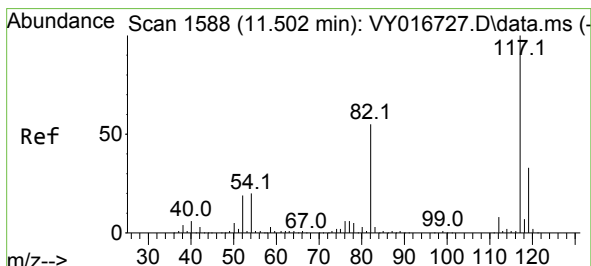
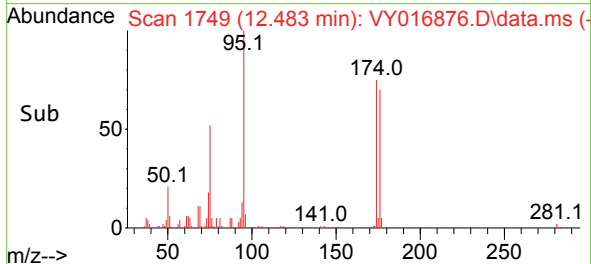
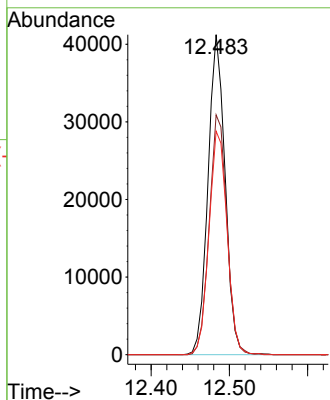
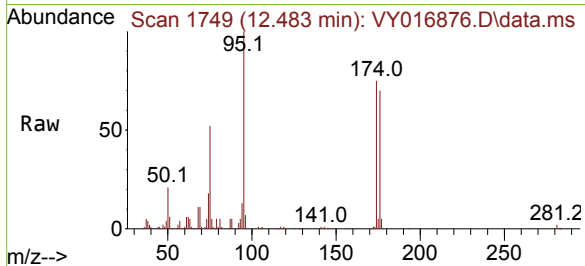




#62
4-Bromofluorobenzene
Concen: 45.577 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016876.D
Acq: 27 Dec 2023 14:36

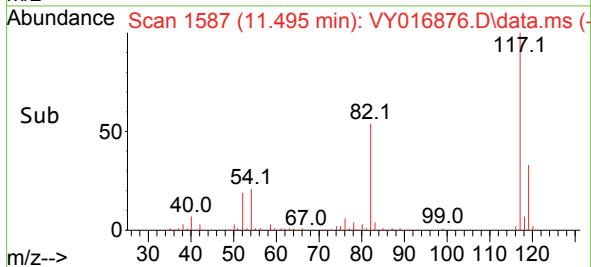
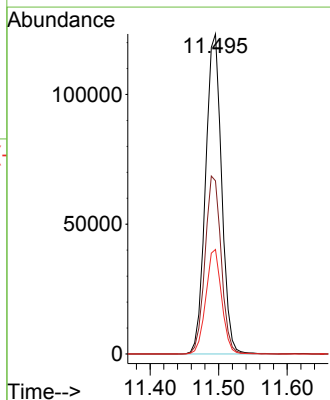
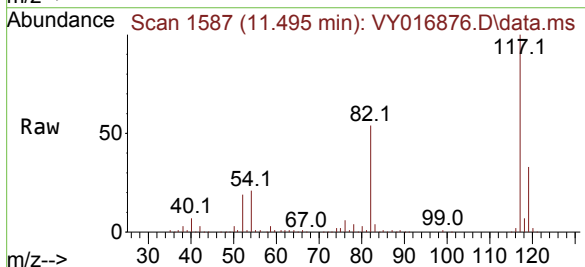
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRABRE

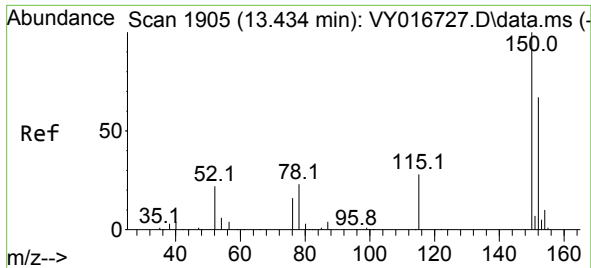
Tgt Ion: 95 Resp: 62459
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.0
176 73.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016876.D
Acq: 27 Dec 2023 14:36

Tgt Ion: 117 Resp: 200820
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 32.7 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: VY016876.D

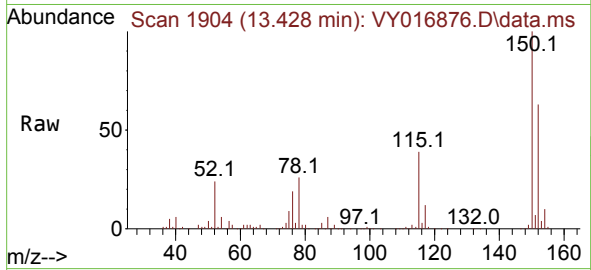
Acq: 27 Dec 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-B-GRABRE



Tgt Ion:152 Resp: 72619

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 157.7 0.0 344.6

