

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016875.D
 Acq On : 27 Dec 2023 14:13
 Operator : SY/MD
 Sample : 05994-03RE
 Misc : 6.86g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-A-GRABRE

Quant Time: Dec 28 03:45:03 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)

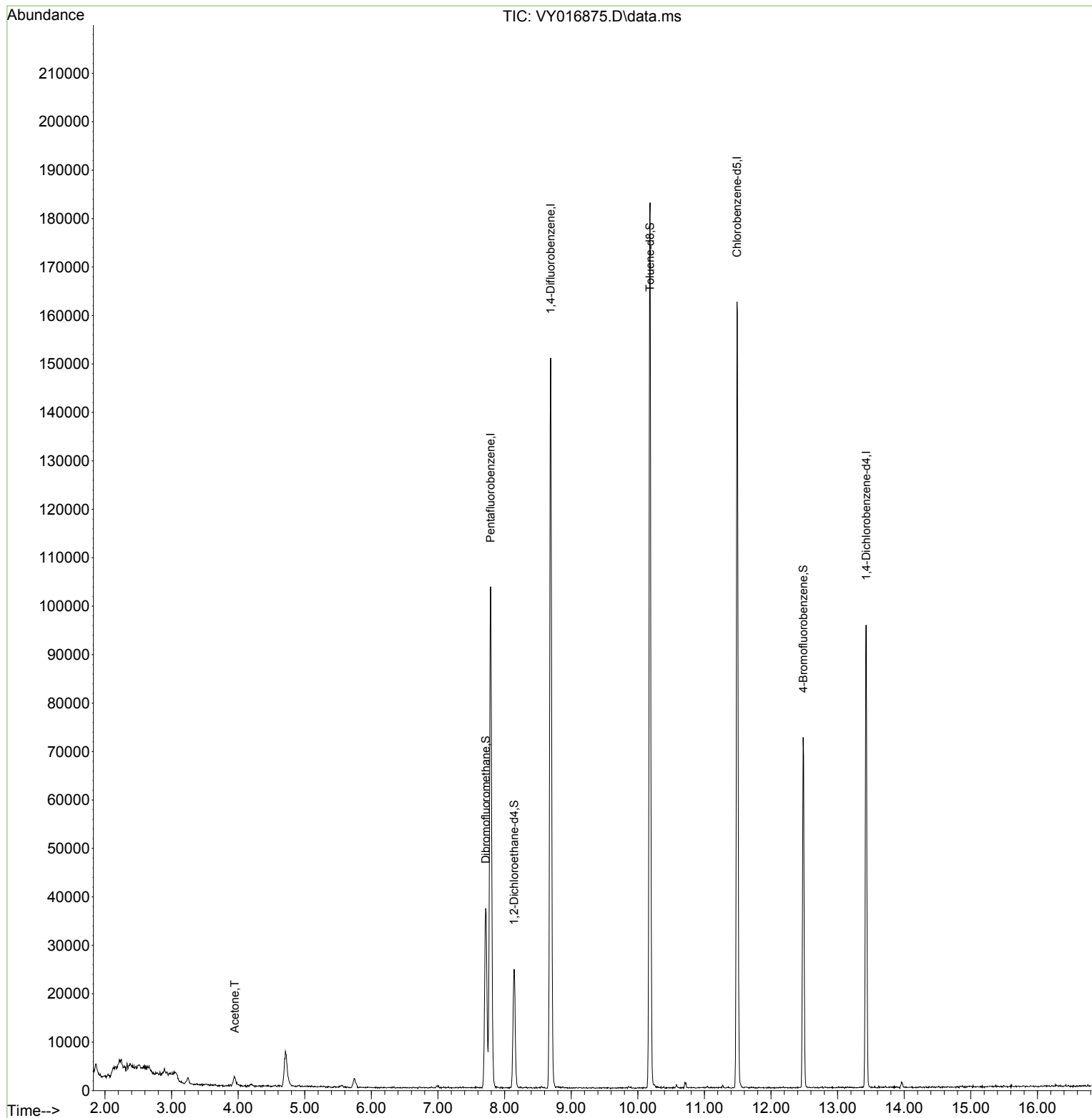
Internal Standards						
1) Pentafluorobenzene	7.789	168	75267	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	127340	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	87995	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	24182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	19534	28.429	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	56.860%
35) Dibromofluoromethane	7.716	113	27048	37.081	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.160%
50) Toluene-d8	10.185	98	119654	45.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.483	95	22837	26.769	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.540%
Target Compounds						
16) Acetone	3.948	43	3602	19.386	ug/l	Qvalue 99

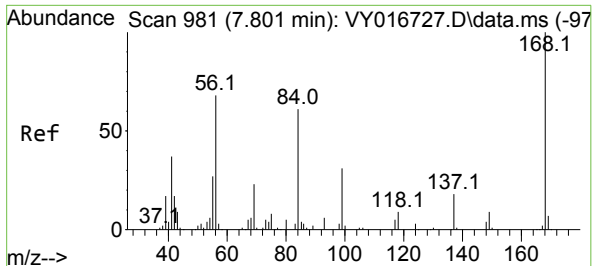
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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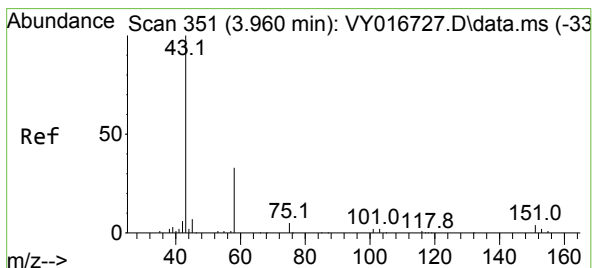
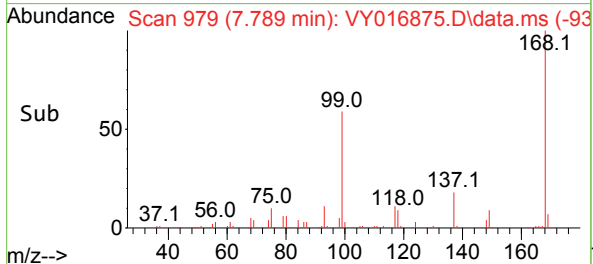
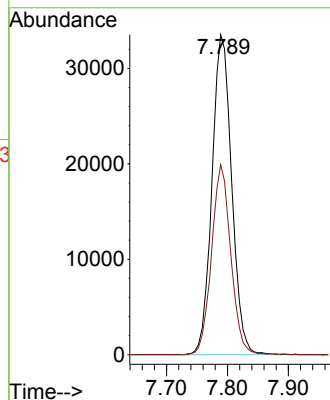
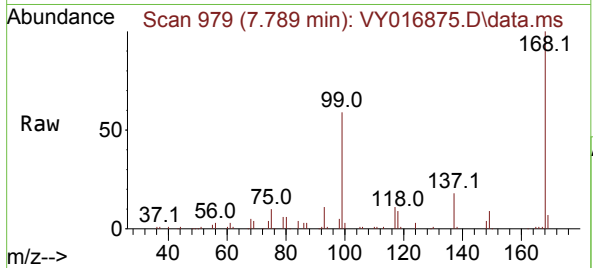




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

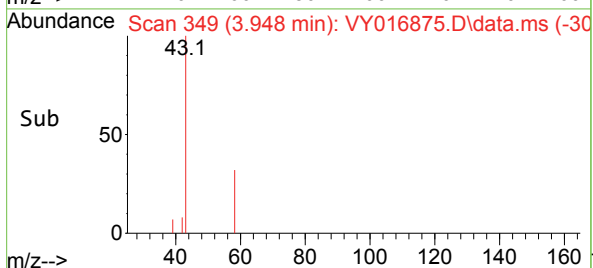
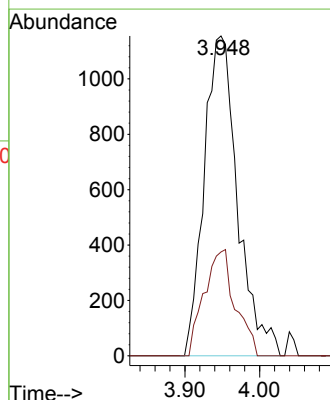
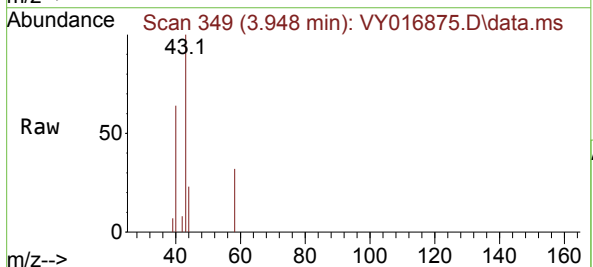
Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRABRE

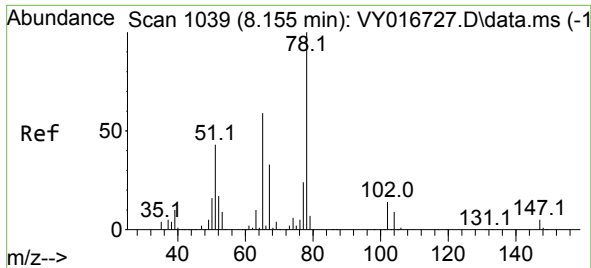
Tgt Ion:168 Resp: 75267
Ion Ratio Lower Upper
168 100
99 59.4 44.2 66.4



#16
Acetone
Concen: 19.386 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

Tgt Ion: 43 Resp: 3602
Ion Ratio Lower Upper
43 100
58 32.5 26.6 39.8

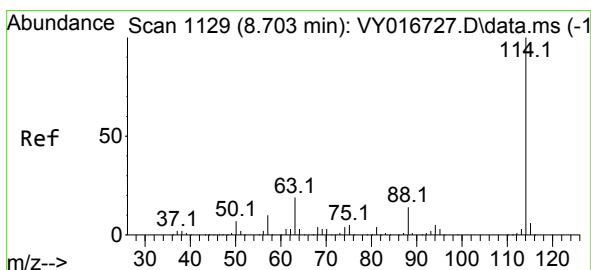
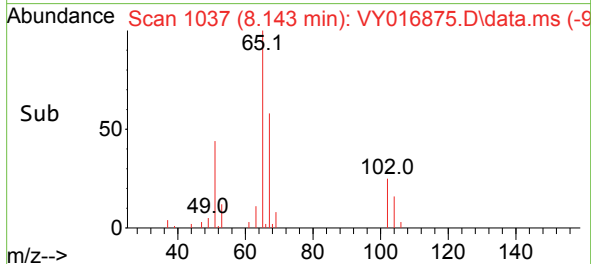
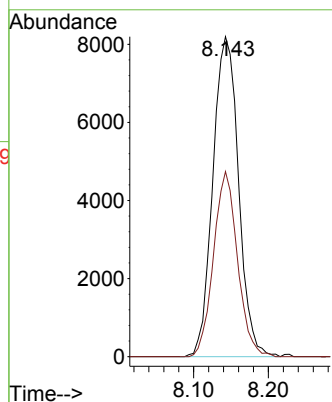
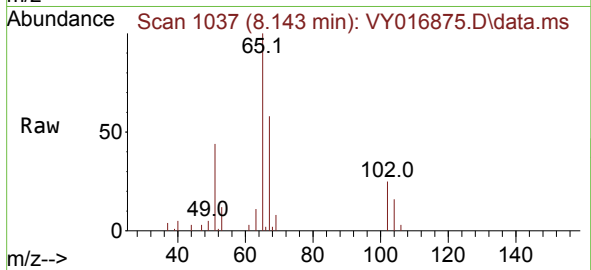




#33
 1,2-Dichloroethane-d4
 Concen: 28.429 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.012 min
 Lab File: VY016875.D
 Acq: 27 Dec 2023 14:13

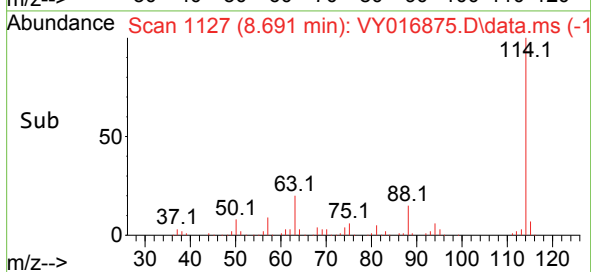
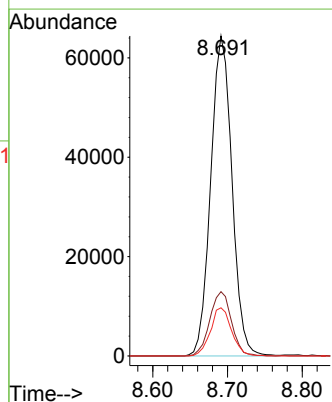
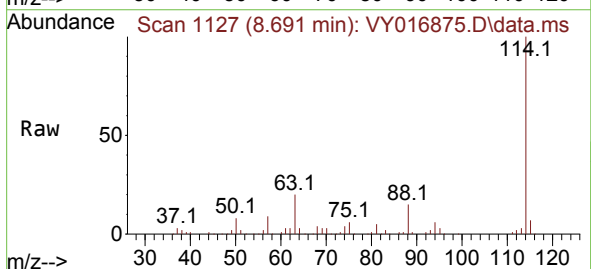
Instrument :
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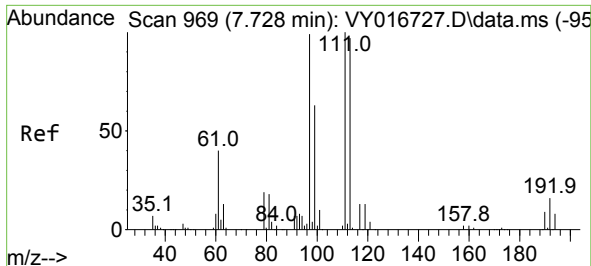
Tgt Ion: 65 Resp: 19534
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016875.D
 Acq: 27 Dec 2023 14:13

Tgt Ion: 114 Resp: 127340
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.4
 88 15.0 0.0 29.0

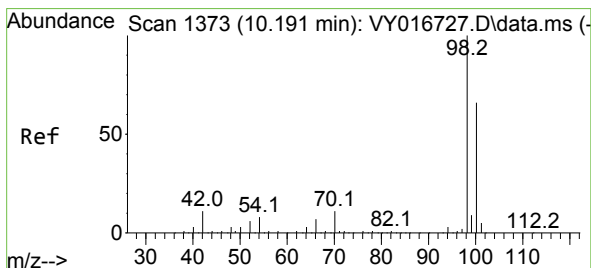
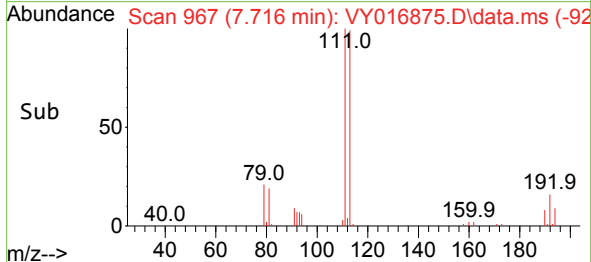
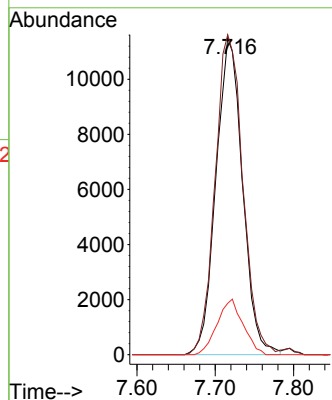
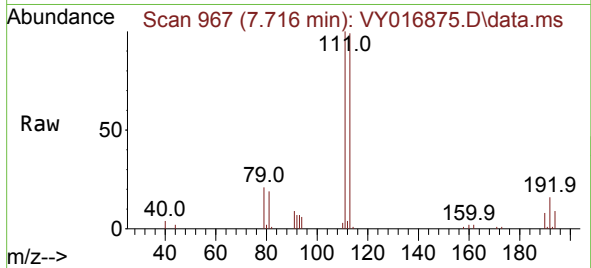




#35
Dibromofluoromethane
Concen: 37.081 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

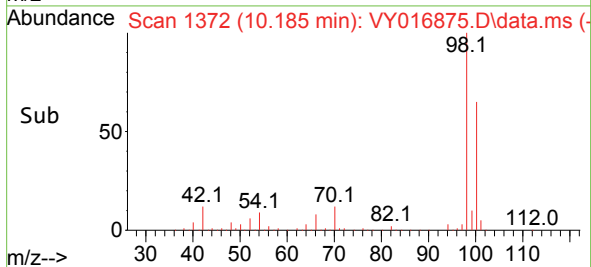
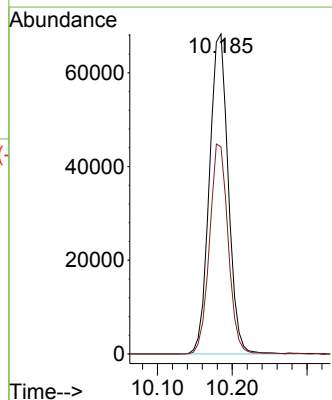
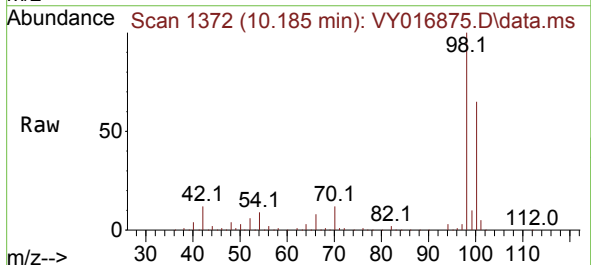
Instrument :
MSVOA_Y
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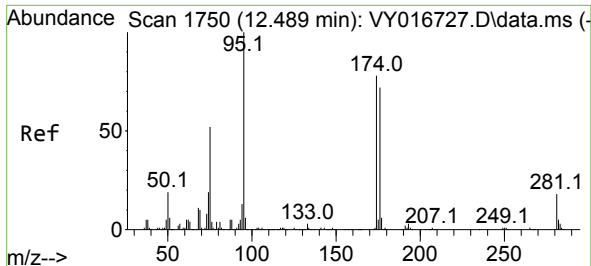
Tgt Ion:113 Resp: 27048
Ion Ratio Lower Upper
113 100
111 105.5 83.8 125.6
192 17.1 14.5 21.7



#50
Toluene-d8
Concen: 45.504 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

Tgt Ion: 98 Resp: 119654
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

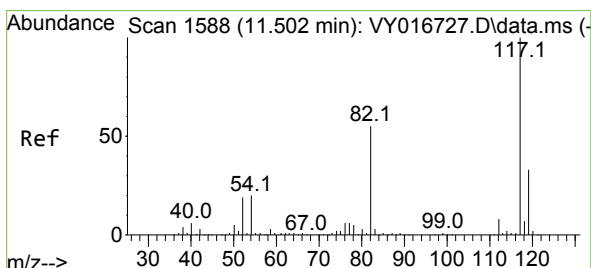
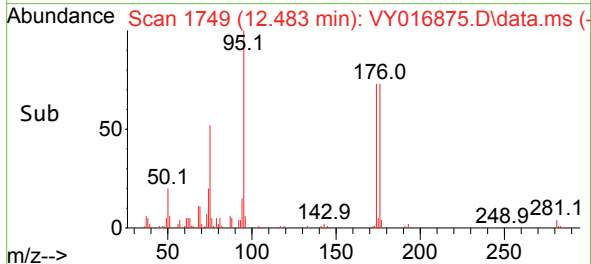
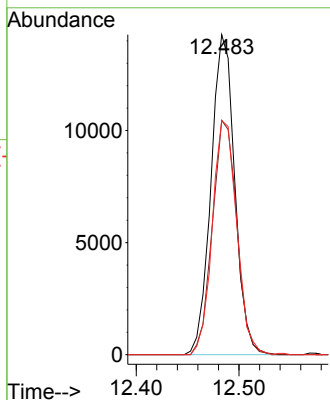
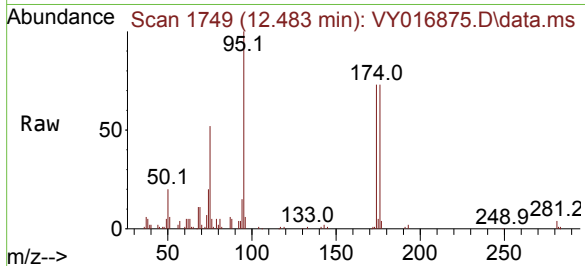




#62
4-Bromofluorobenzene
Concen: 26.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

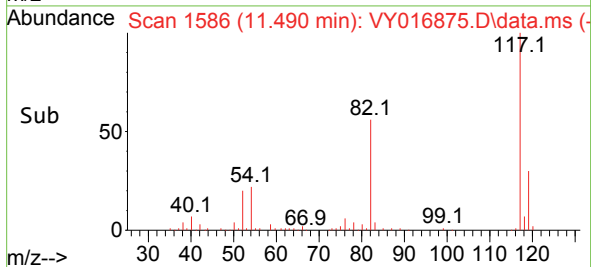
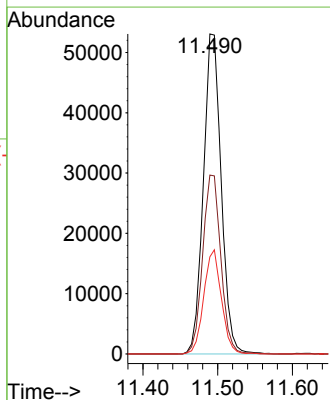
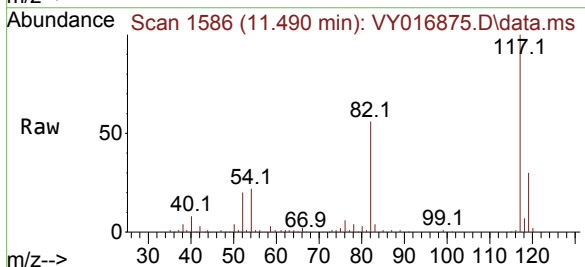
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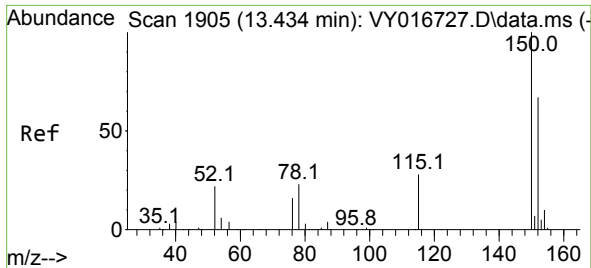
Tgt Ion:	95	Resp:	22837
Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	160.0
176	75.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

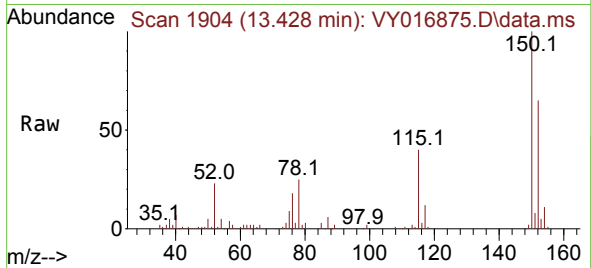
Tgt Ion:	117	Resp:	87995
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.8	65.8
119	30.3	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016875.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.0	90.0
150	154.0	0.0	344.6

