

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016416.D
 Acq On : 17 Nov 2023 17:39
 Operator : SY/MD
 Sample : 05451-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SOIL-01-G

Quant Time: Nov 18 05:22:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

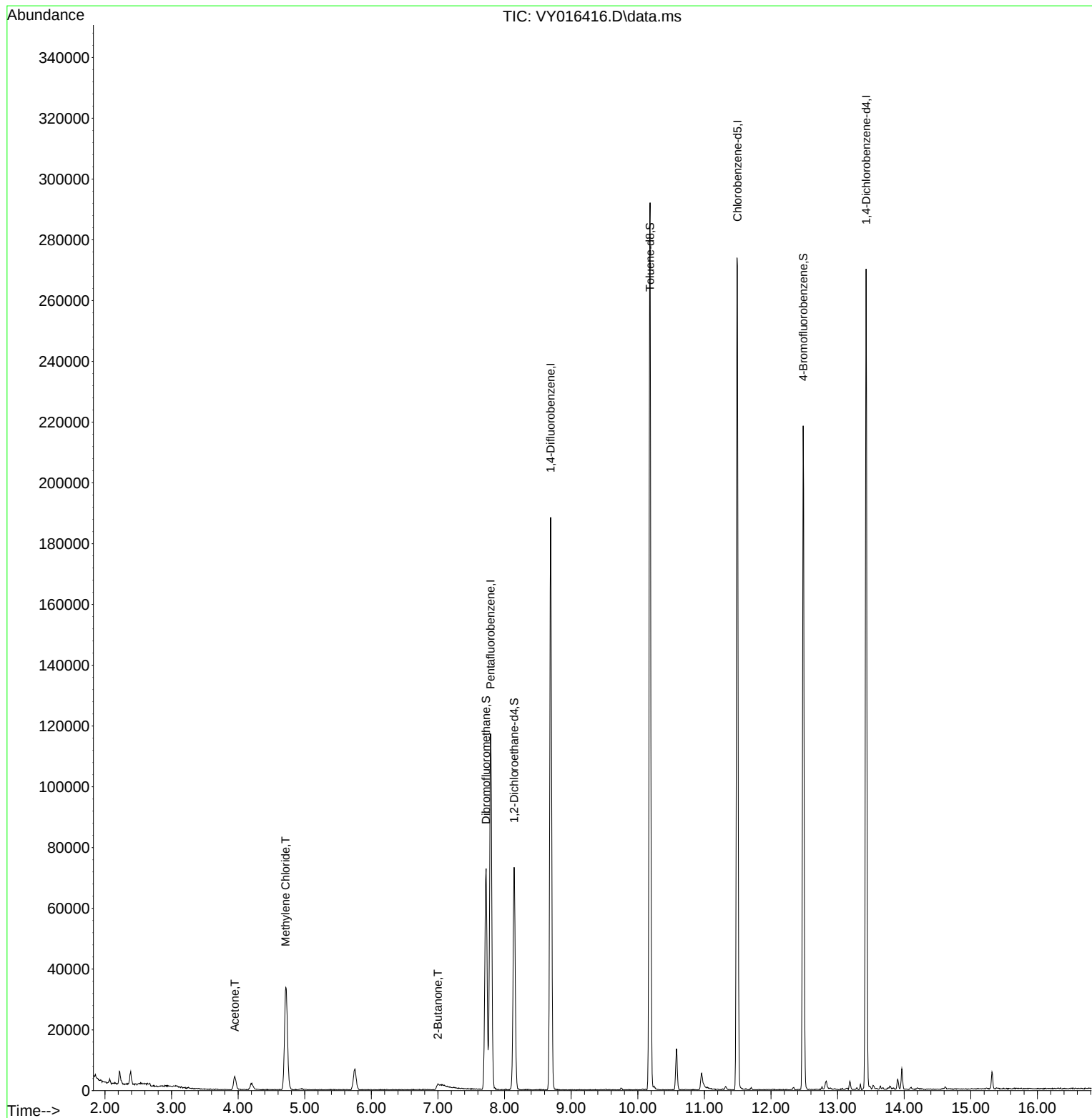
Internal Standards						
1) Pentafluorobenzene	7.789	168	93497	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	164950	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	158390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57713	67.538	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.080%
35) Dibromofluoromethane	7.722	113	52188	55.696	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.400%
50) Toluene-d8	10.185	98	194070	51.074	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.483	95	65006	52.674	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.340%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	7720	54.617	ug/l #	89
20) Methylene Chloride	4.710	84	27480	25.838	ug/l #	83
25) 2-Butanone	6.997	43	1823	7.363	ug/l	99

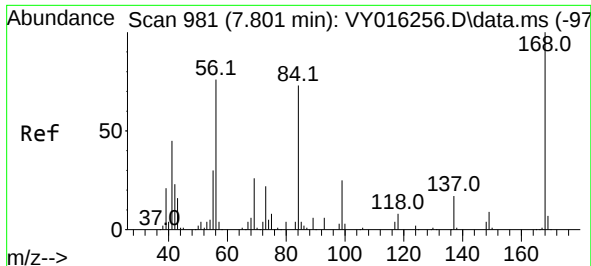
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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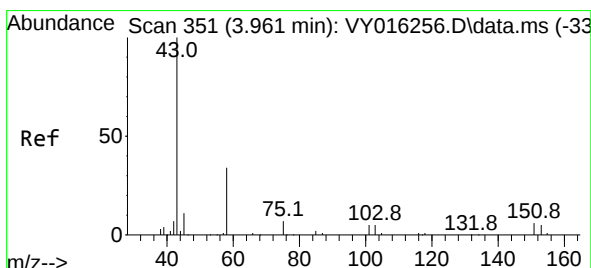
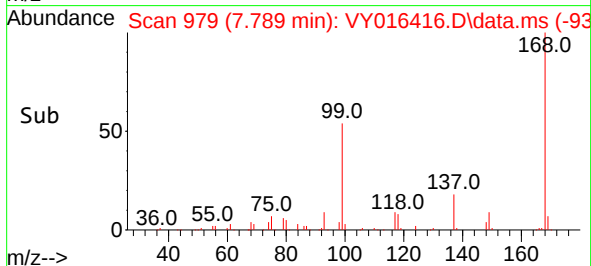
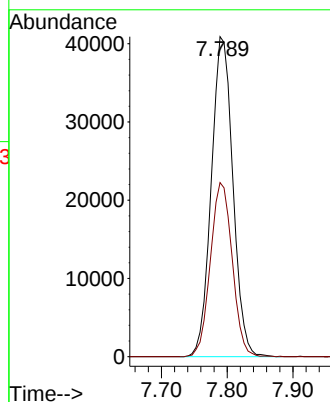
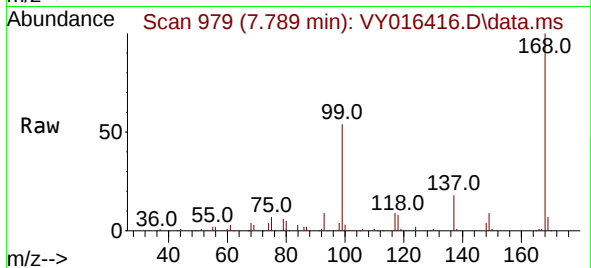




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016416.D
Acq: 17 Nov 2023 17:39

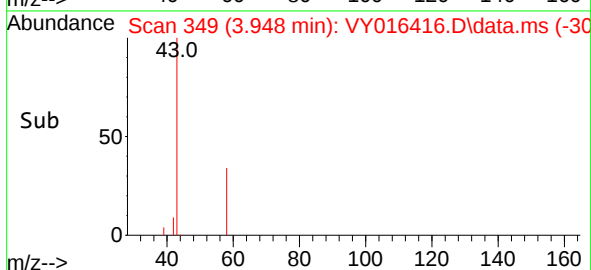
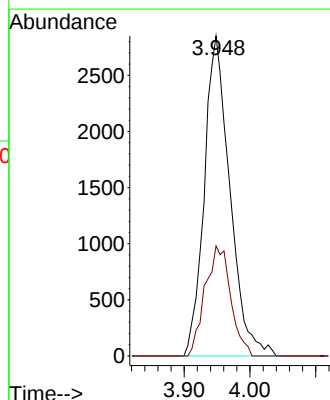
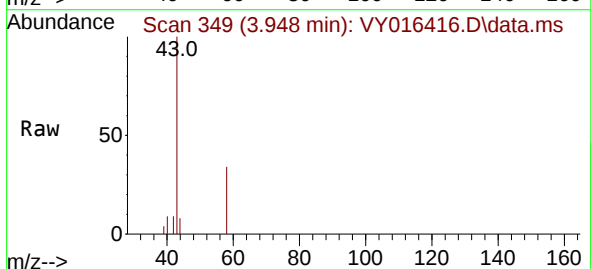
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOIL-01-G

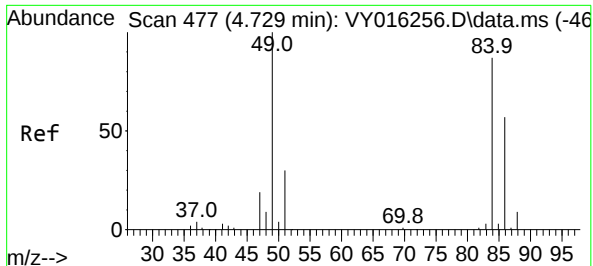
Tgt Ion:168 Resp: 93497
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#16
Acetone
Concen: 54.617 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016416.D
Acq: 17 Nov 2023 17:39

Tgt Ion: 43 Resp: 7720
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#

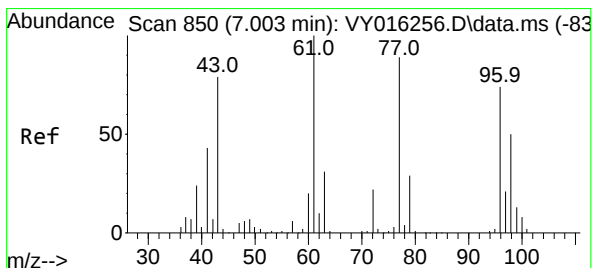
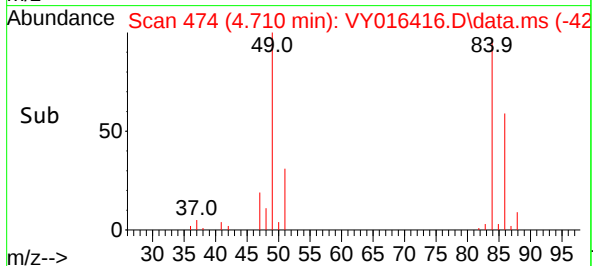
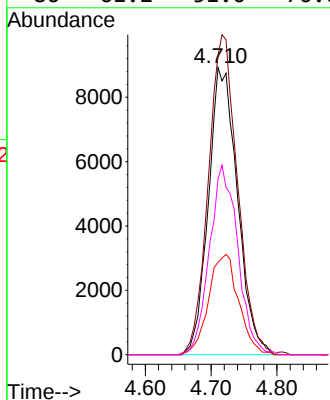
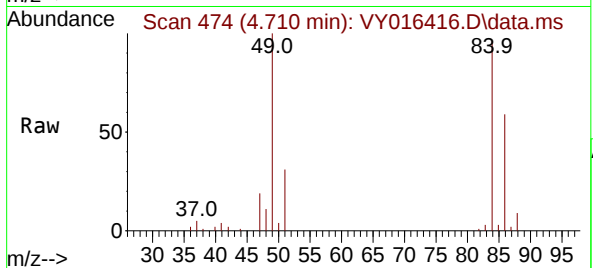




#20
Methylene Chloride
Concen: 25.838 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.019 min
Lab File: VY016416.D
Acq: 17 Nov 2023 17:39

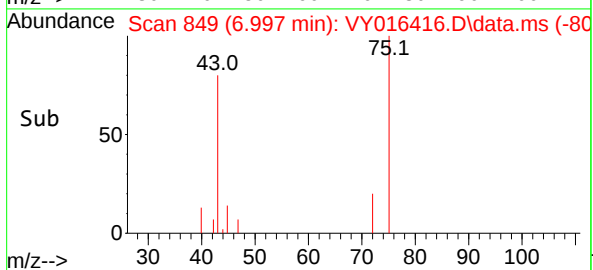
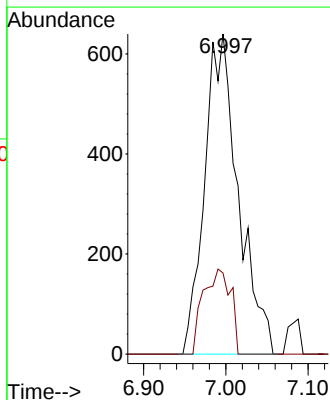
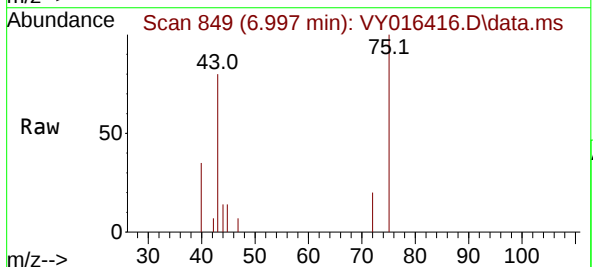
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOIL-01-G

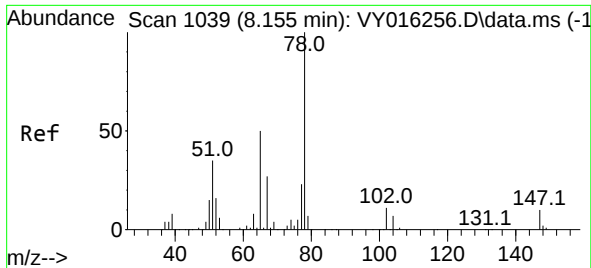
Tgt Ion:	84	Resp:	27480
Ion	Ratio	Lower	Upper
84	100		
49	104.2	106.9	160.3#
51	32.2	33.2	49.8#
86	61.2	51.0	76.6



#25
2-Butanone
Concen: 7.363 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016416.D
Acq: 17 Nov 2023 17:39

Tgt Ion:	43	Resp:	1823
Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.5	30.7

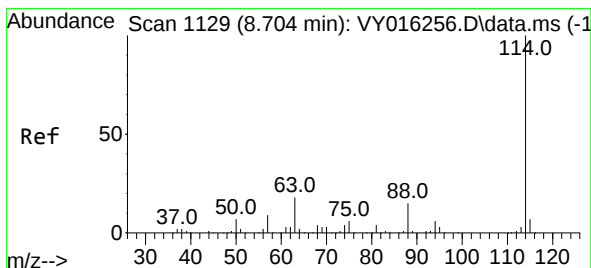
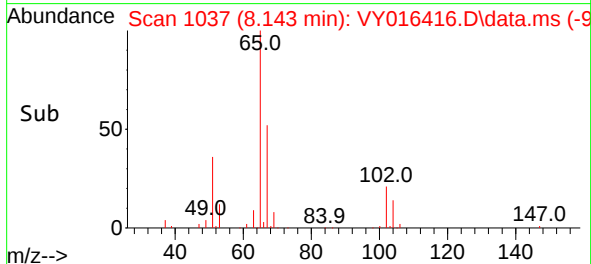
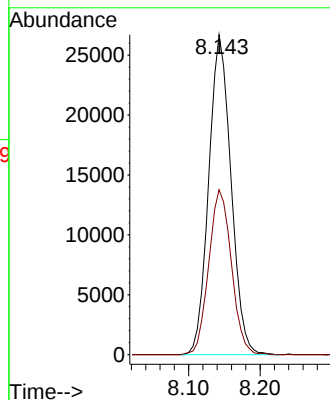
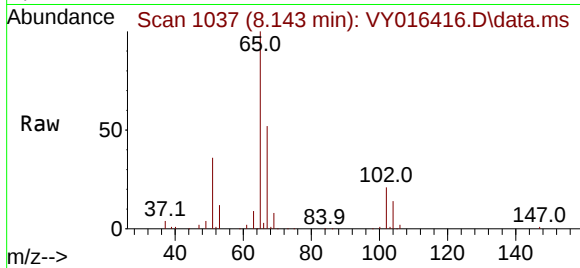




#33
 1,2-Dichloroethane-d4
 Concen: 67.538 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.012 min
 Lab File: VY016416.D
 Acq: 17 Nov 2023 17:39

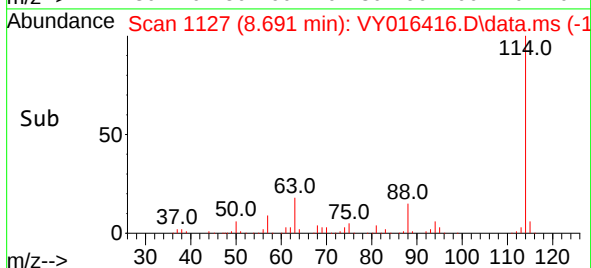
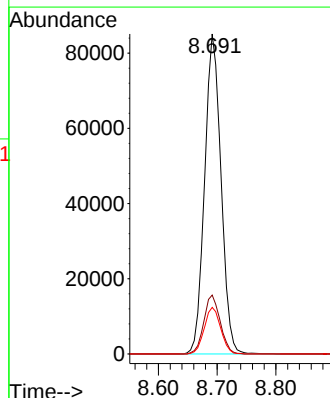
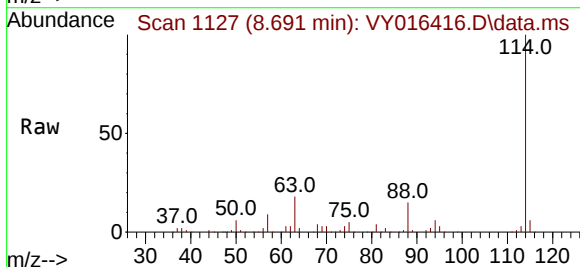
Instrument :
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 ClientSampleId :
 WC-SOIL-01-G

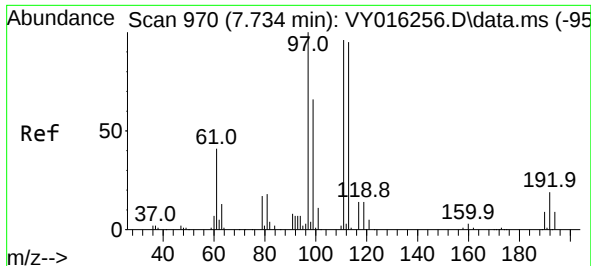
Tgt Ion: 65 Resp: 57713
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016416.D
 Acq: 17 Nov 2023 17:39

Tgt Ion: 114 Resp: 164950
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 14.6 0.0 30.6

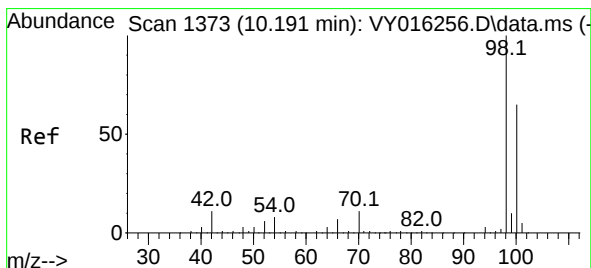
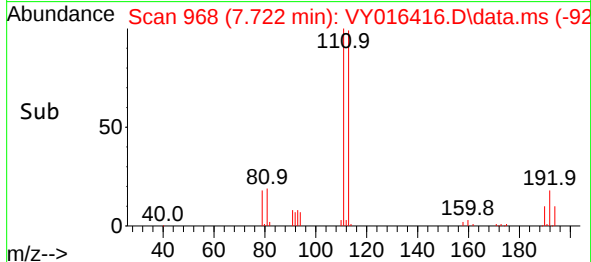
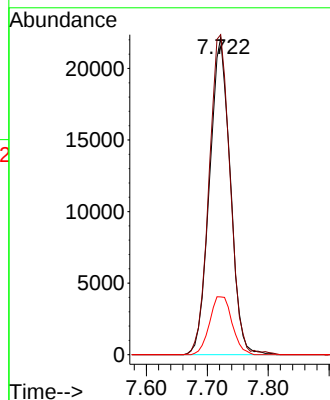
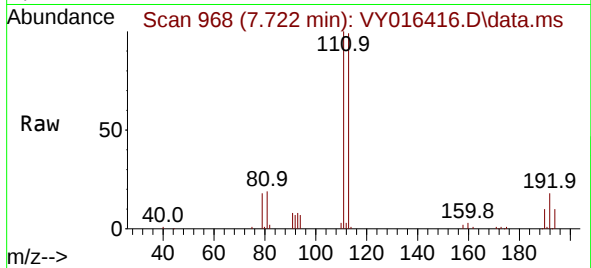




#35
Dibromofluoromethane
Concen: 55.696 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016416.D
Acq: 17 Nov 2023 17:39

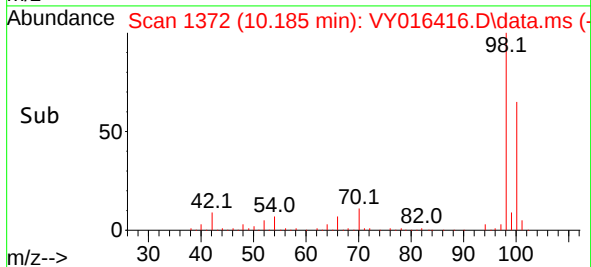
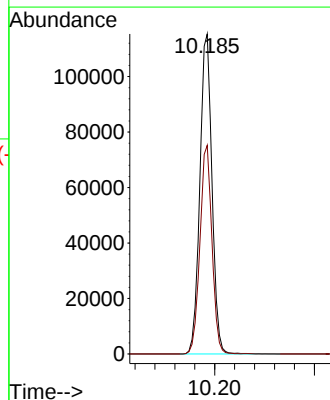
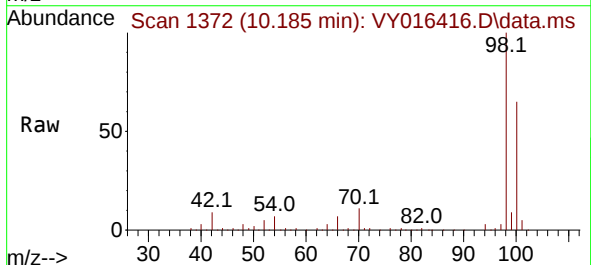
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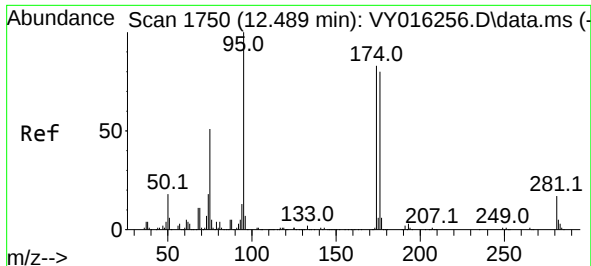
Tgt Ion:113 Resp: 52188
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 51.074 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016416.D
Acq: 17 Nov 2023 17:39

Tgt Ion: 98 Resp: 194070
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

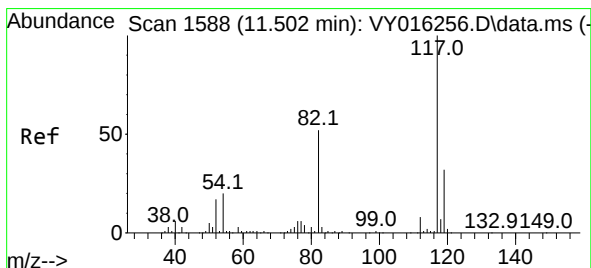
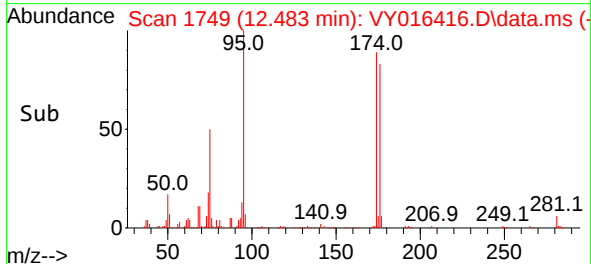
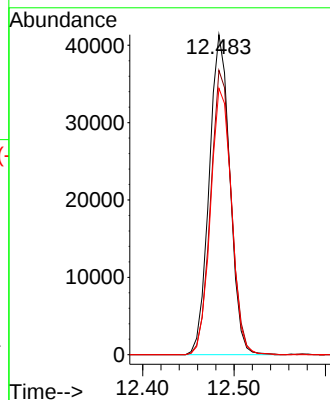
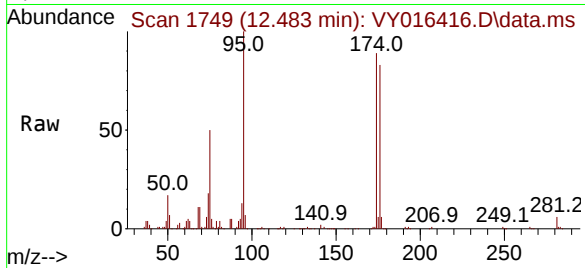




#62
4-Bromofluorobenzene
Concen: 52.674 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016416.D
Acq: 17 Nov 2023 17:39

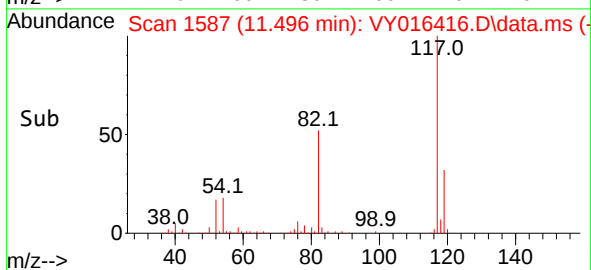
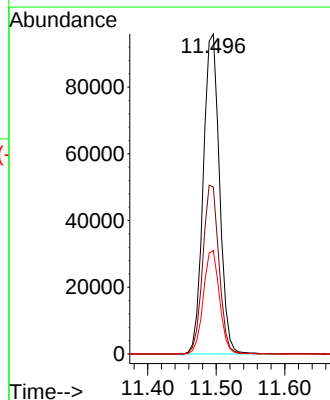
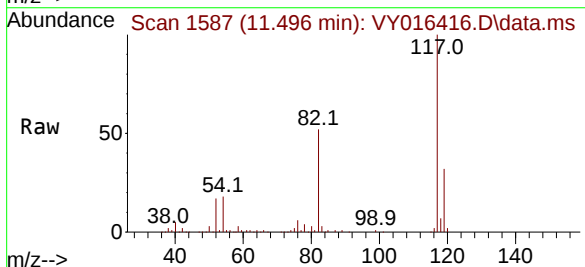
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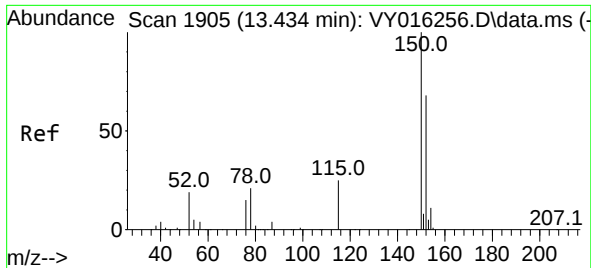
Tgt Ion: 95 Resp: 65006
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 84.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016416.D
Acq: 17 Nov 2023 17:39

Tgt Ion: 117 Resp: 158390
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016416.D
 Acq: 17 Nov 2023 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SOIL-01-G

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.8	86.5
150	159.1	0.0	348.8

