

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016409.D
 Acq On : 17 Nov 2023 14:55
 Operator : SY/MD
 Sample : 05446-03RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-111523BRE

Quant Time: Nov 18 05:19:28 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)

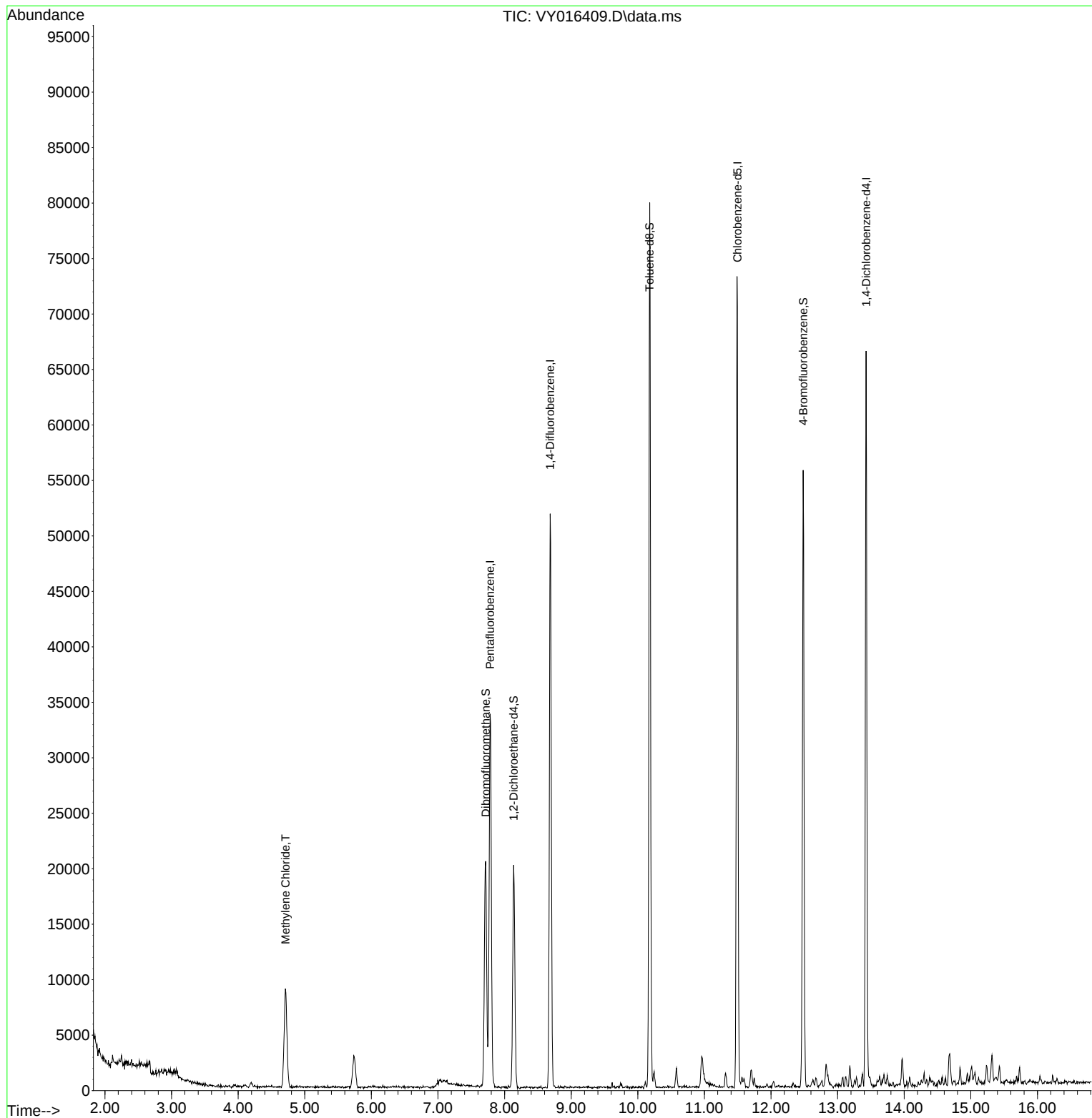
Internal Standards						
1) Pentafluorobenzene	7.783	168	27860	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.685	114	46396	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.496	117	40954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	15852	62.255	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.520%
35) Dibromofluoromethane	7.716	113	15186	57.619	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.240%
50) Toluene-d8	10.179	98	52924	49.518	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.483	95	16342	47.078	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.160%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	7111	21.946	ug/l	# 83

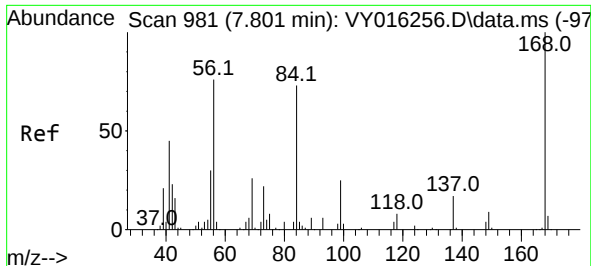
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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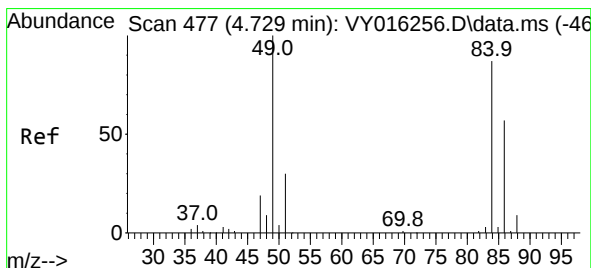
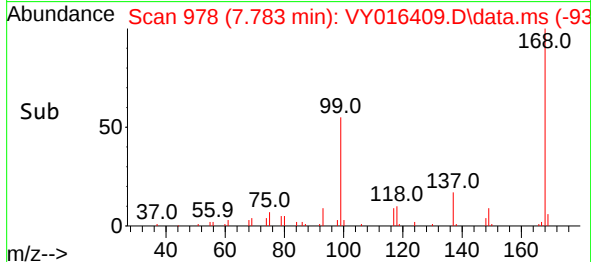
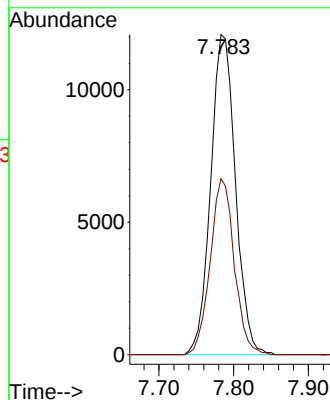
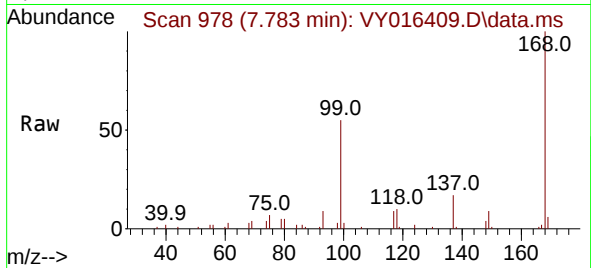




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

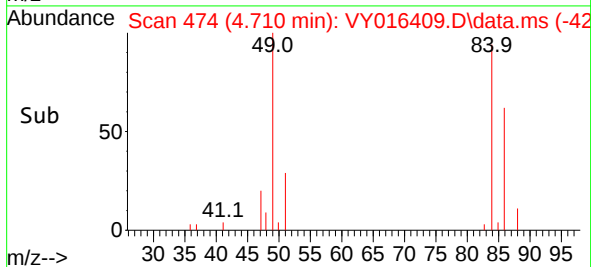
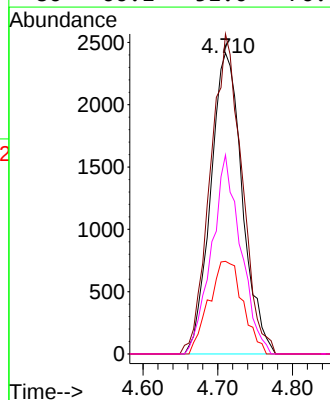
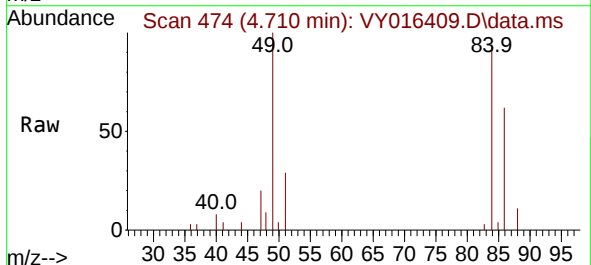
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-111523BRE

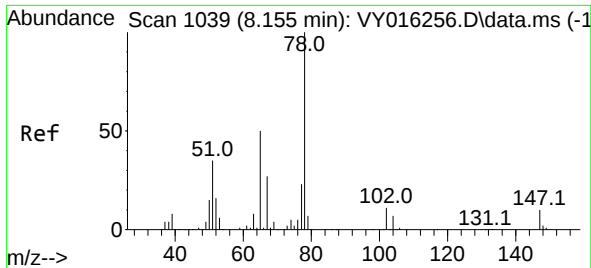
Tgt Ion:168 Resp: 27860
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#20
Methylene Chloride
Concen: 21.946 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion: 84 Resp: 7111
Ion Ratio Lower Upper
84 100
49 106.3 106.9 160.3#
51 30.8 33.2 49.8#
86 66.1 51.0 76.6

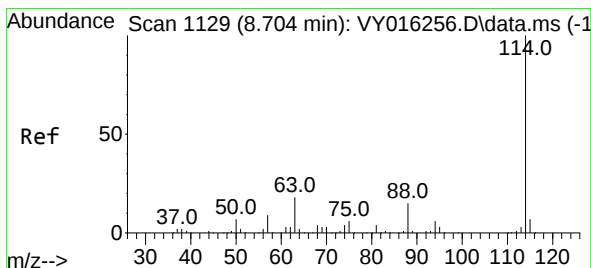
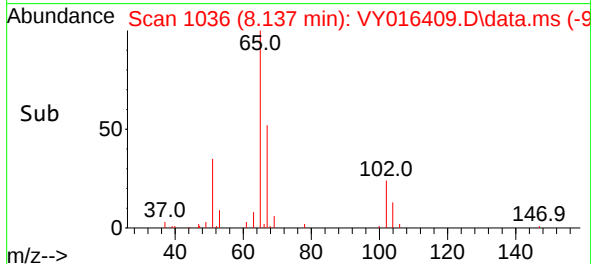
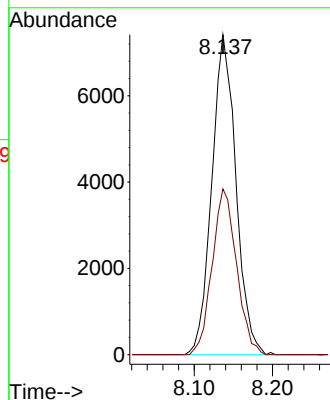
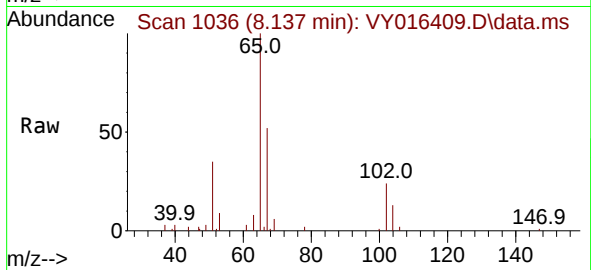




#33
 1,2-Dichloroethane-d4
 Concen: 62.255 ug/l
 RT: 8.137 min Scan# 1103
 Delta R.T. -0.018 min
 Lab File: VY016409.D
 Acq: 17 Nov 2023 14:55

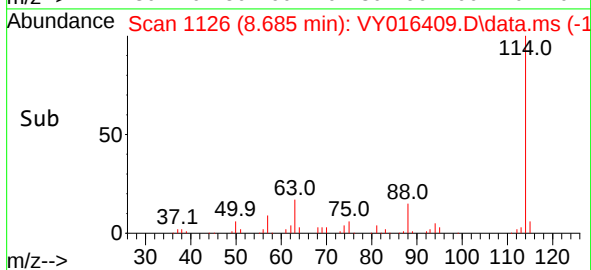
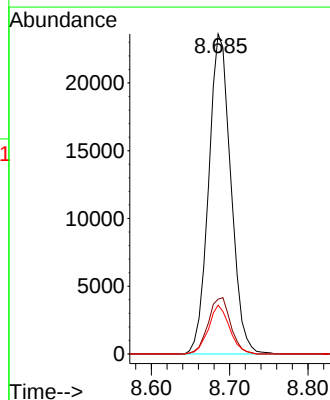
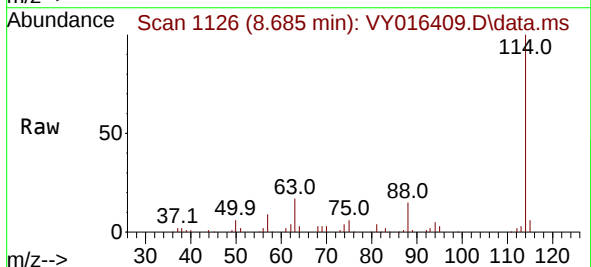
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-111523BRE

Tgt Ion: 65 Resp: 15852
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.018 min
 Lab File: VY016409.D
 Acq: 17 Nov 2023 14:55

Tgt Ion:114 Resp: 46396
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 42.4
 88 15.2 0.0 30.6

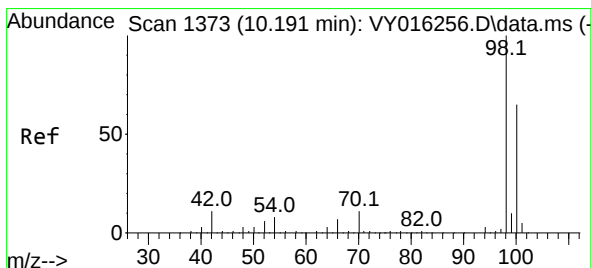
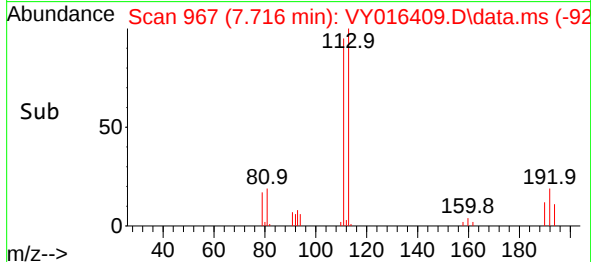
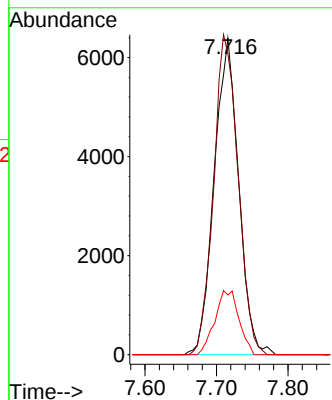
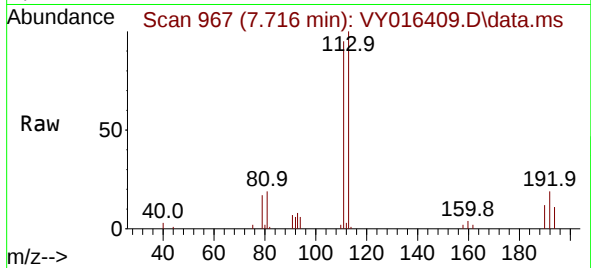




#35
Dibromofluoromethane
Concen: 57.619 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

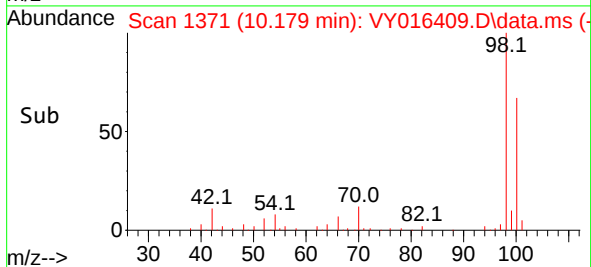
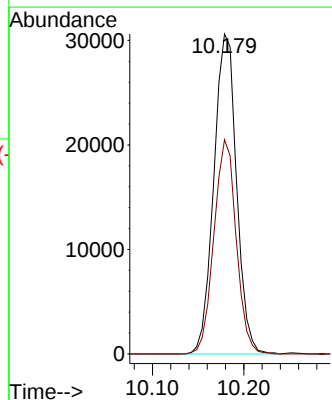
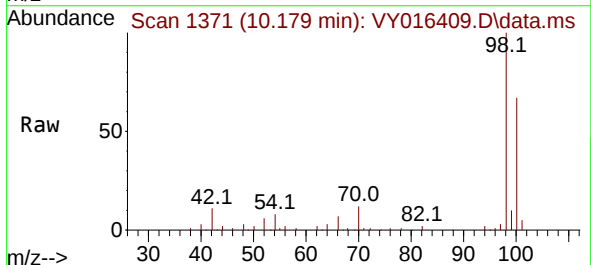
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-111523BRE

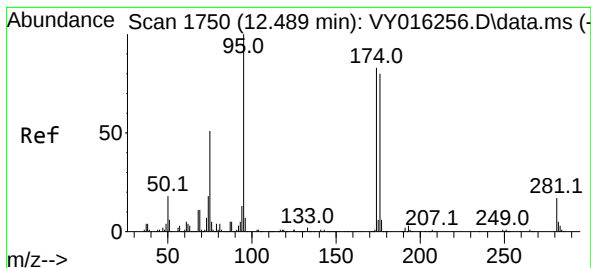
Tgt Ion:113 Resp: 15186
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 49.518 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion: 98 Resp: 52924
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

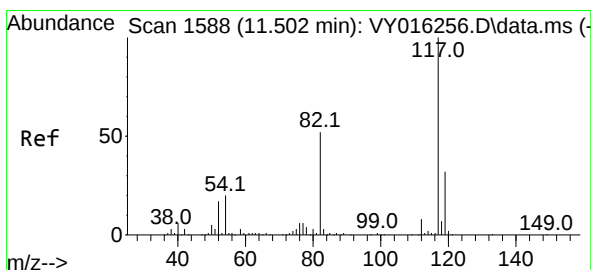
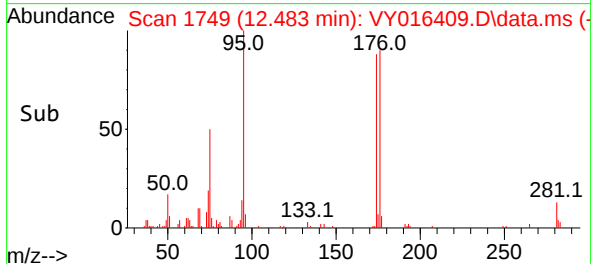
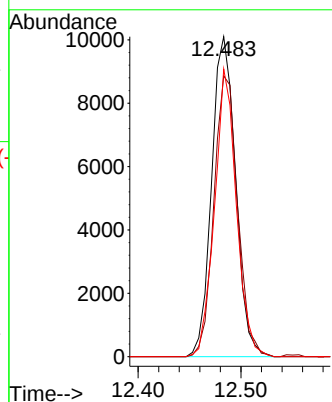
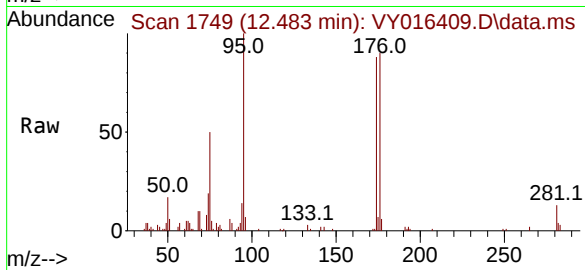




#62
4-Bromofluorobenzene
Concen: 47.078 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

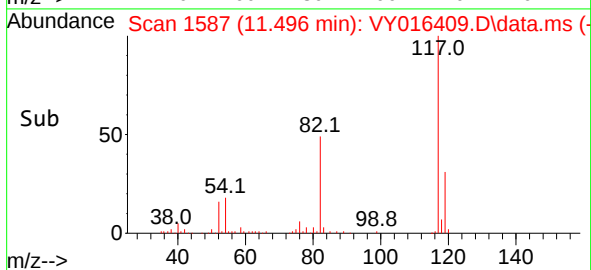
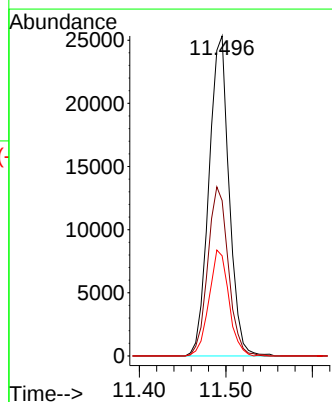
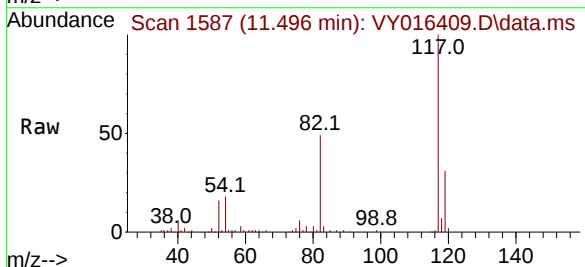
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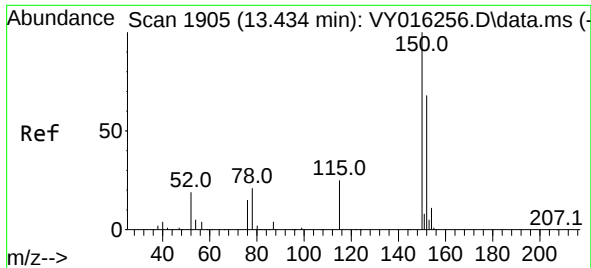
Tgt Ion: 95 Resp: 16342
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion: 117 Resp: 40954
Ion Ratio Lower Upper
117 100
82 48.6 43.4 65.0
119 31.3 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: VY016409.D

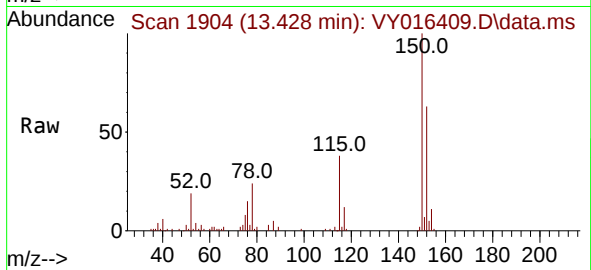
Acq: 17 Nov 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-111523BRE



Tgt Ion:152 Resp: 17160

Ion Ratio Lower Upper

152 100

115 61.7 28.8 86.5

150 161.5 0.0 348.8

