

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016410.D
 Acq On : 17 Nov 2023 15:18
 Operator : SY/MD
 Sample : 05448-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-111523RE

Quant Time: Nov 18 05:19:54 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)

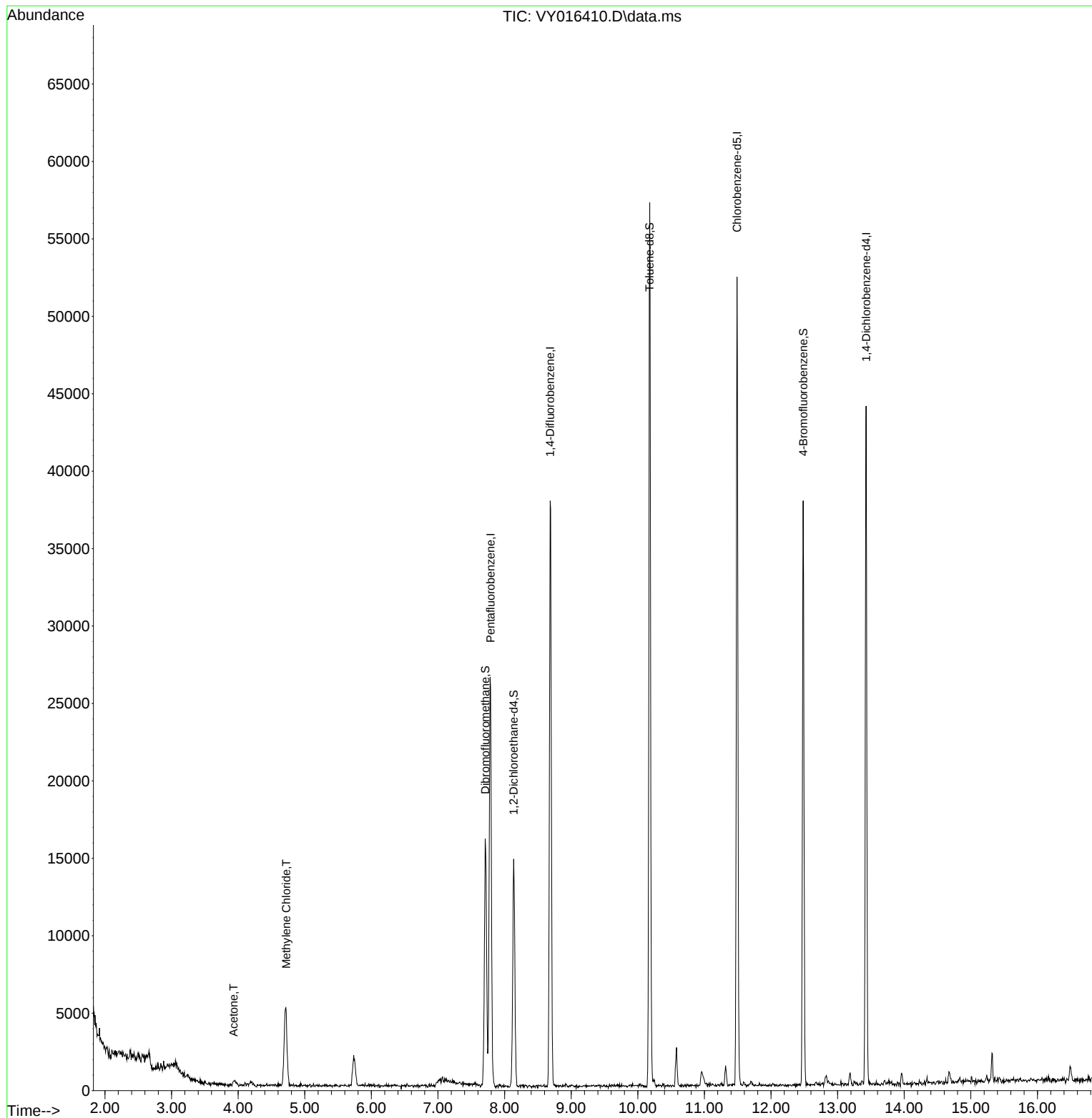
Internal Standards						
1) Pentafluorobenzene	7.789	168	20815	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	34144	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.490	117	29806	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	11715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11311	59.456	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.920%
35) Dibromofluoromethane	7.710	113	11584	59.724	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.440%
50) Toluene-d8	10.179	98	39353	50.033	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.483	95	10907	42.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.400%
Target Compounds						Qvalue
16) Acetone	3.930	43	642	20.402	ug/l #	81
20) Methylene Chloride	4.722	84	4081	15.990	ug/l #	76

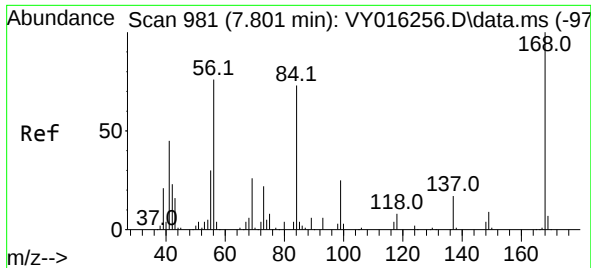
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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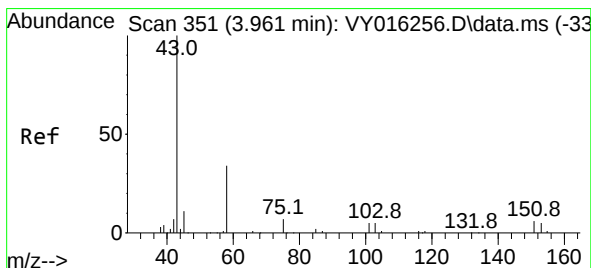
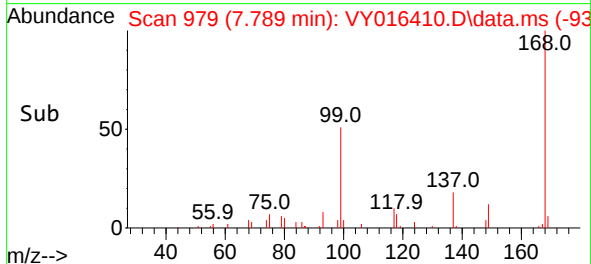
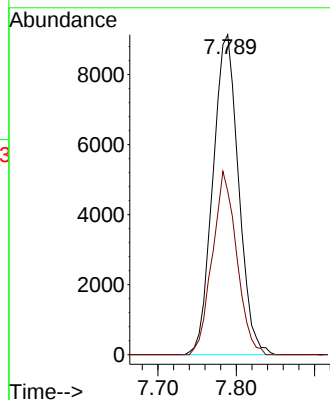
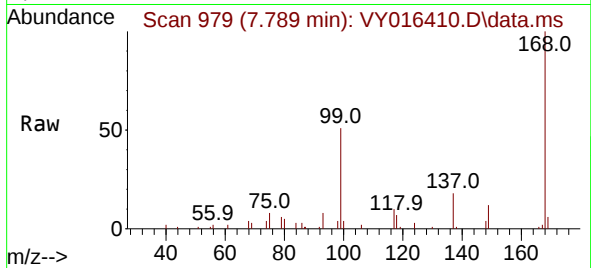




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

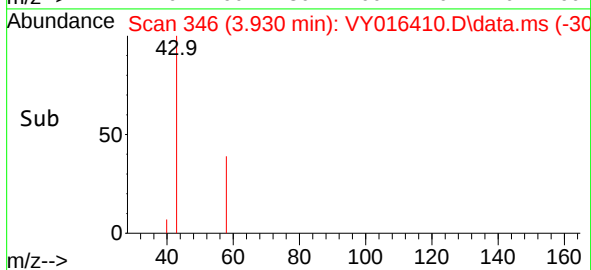
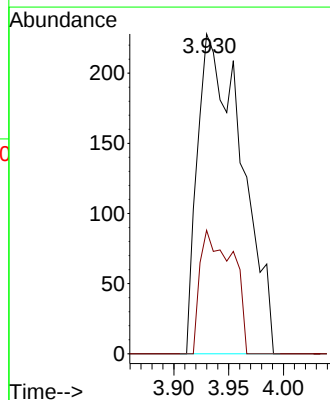
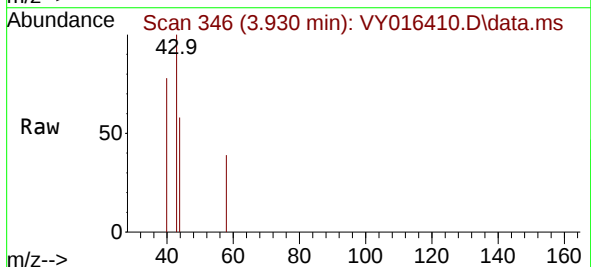
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111523RE

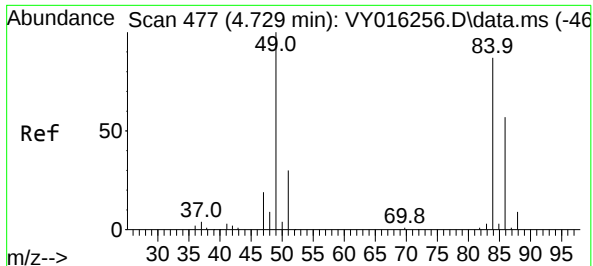
Tgt Ion:168 Resp: 20815
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#16
Acetone
Concen: 20.402 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.031 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 38.6 22.7 34.1#





#20

Methylene Chloride

Concen: 15.990 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY016410.D

Acq: 17 Nov 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-111523RE

Tgt Ion: 84 Resp: 4081

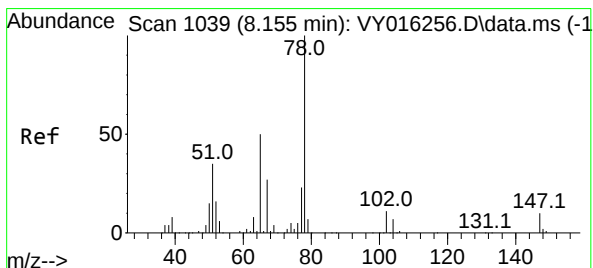
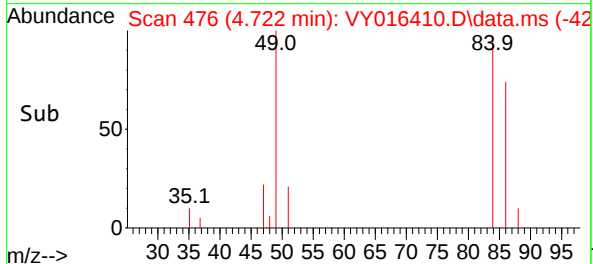
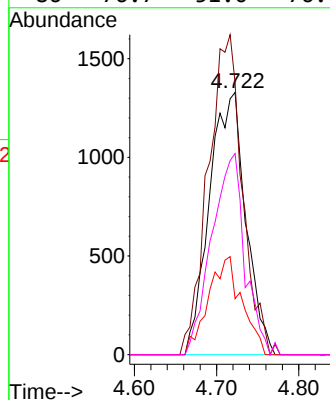
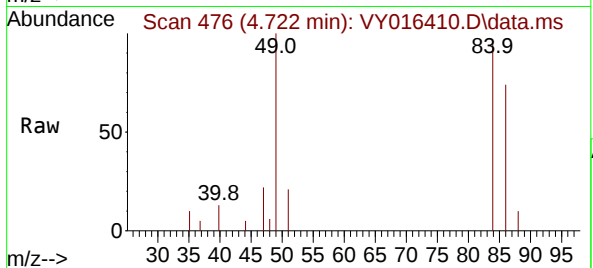
Ion Ratio Lower Upper

84 100

49 103.7 106.9 160.3#

51 21.4 33.2 49.8#

86 76.7 51.0 76.6#



#33

1,2-Dichloroethane-d4

Concen: 59.456 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.018 min

Lab File: VY016410.D

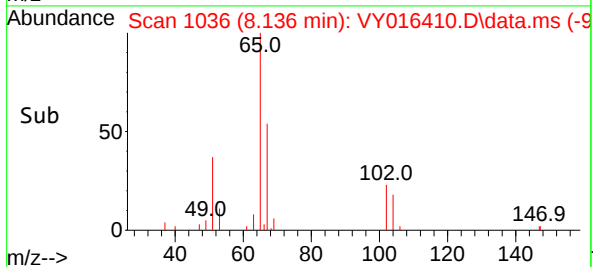
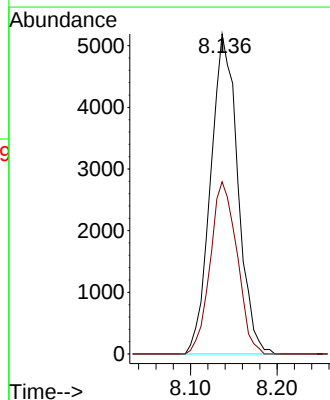
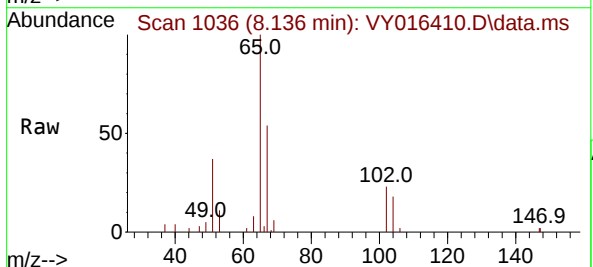
Acq: 17 Nov 2023 15:18

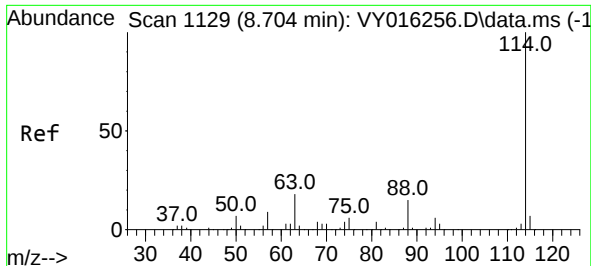
Tgt Ion: 65 Resp: 11311

Ion Ratio Lower Upper

65 100

67 52.9 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: VY016410.D

Acq: 17 Nov 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-111523RE

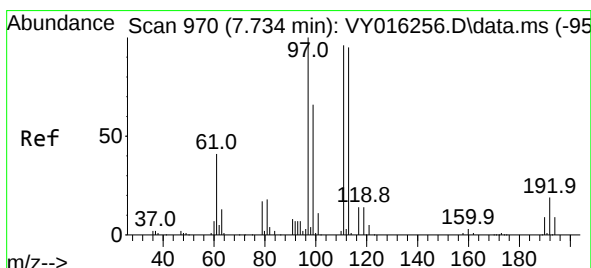
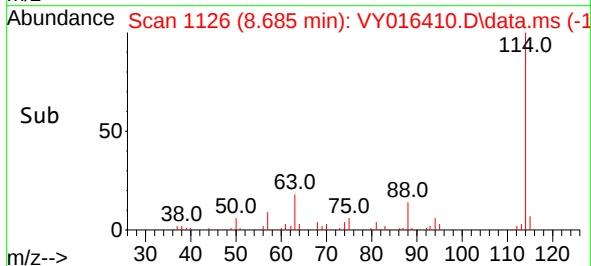
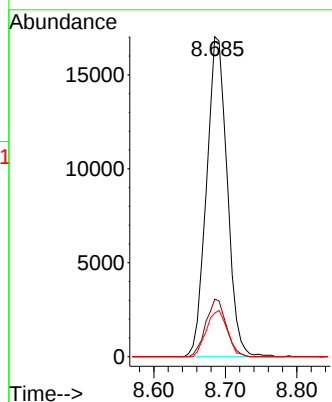
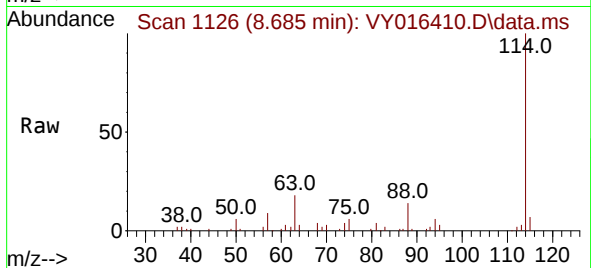
Tgt Ion:114 Resp: 34144

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.724 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.025 min

Lab File: VY016410.D

Acq: 17 Nov 2023 15:18

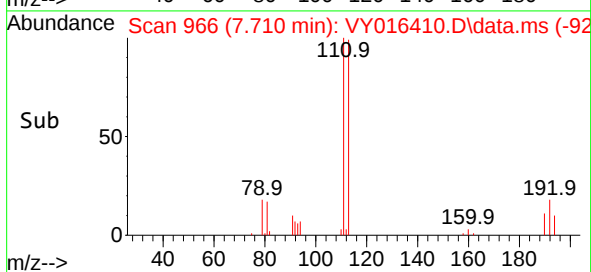
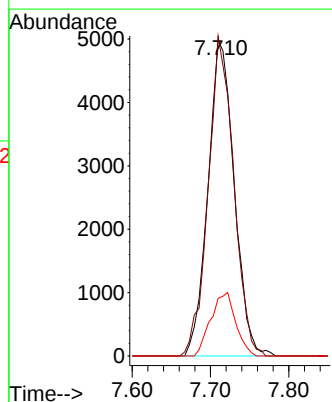
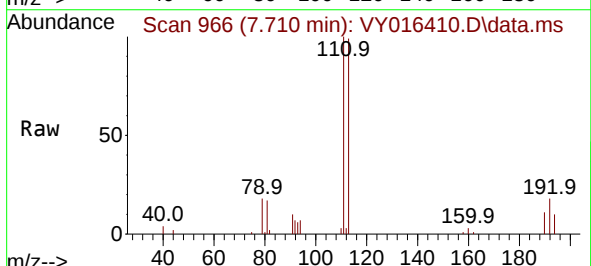
Tgt Ion:113 Resp: 11584

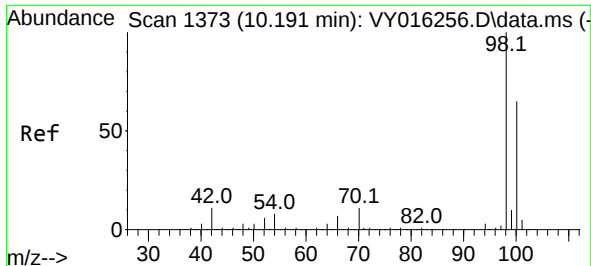
Ion Ratio Lower Upper

113 100

111 98.3 81.3 121.9

192 19.1 16.9 25.3

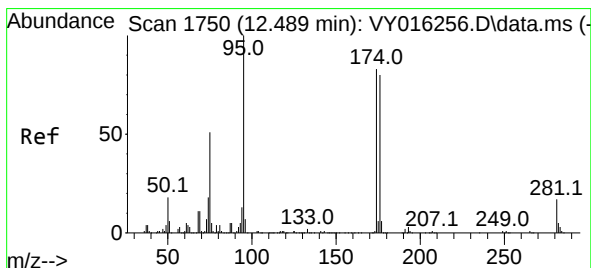
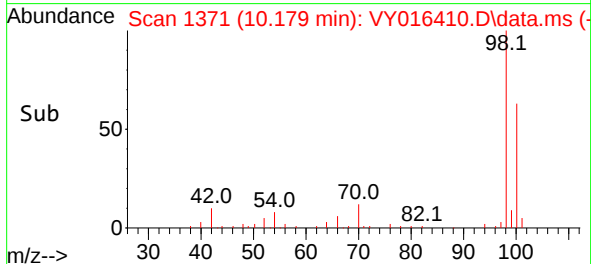
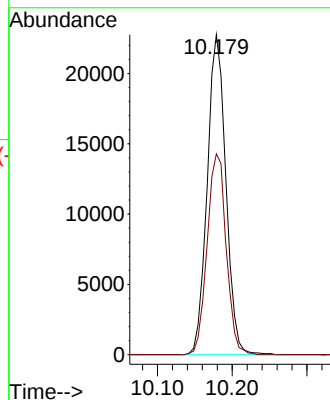
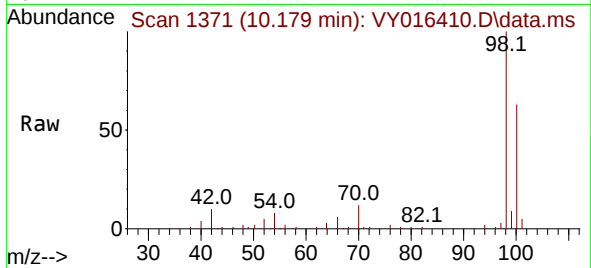




#50
Toluene-d8
Concen: 50.033 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

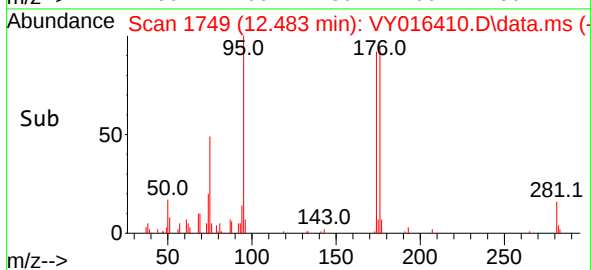
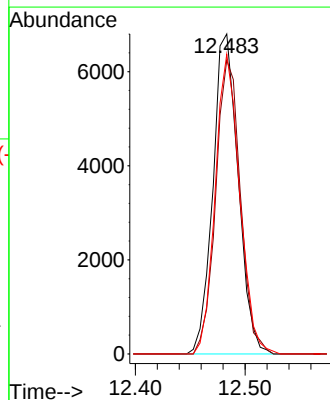
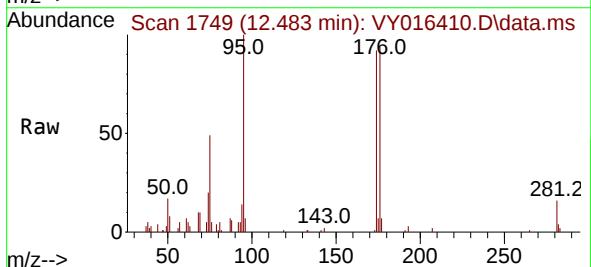
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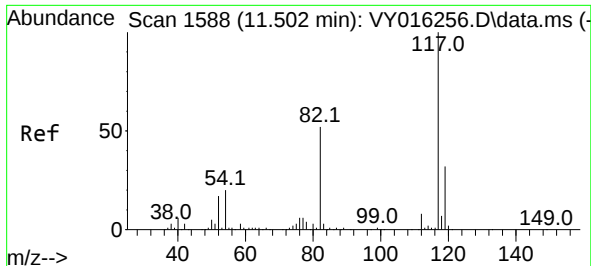
Tgt Ion: 98 Resp: 39353
Ion Ratio Lower Upper
98 100
100 64.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.696 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

Tgt Ion: 95 Resp: 10907
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 90.6 0.0 173.8

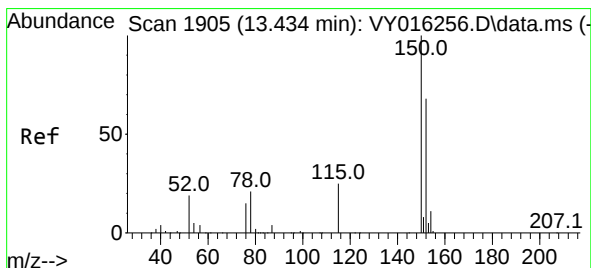
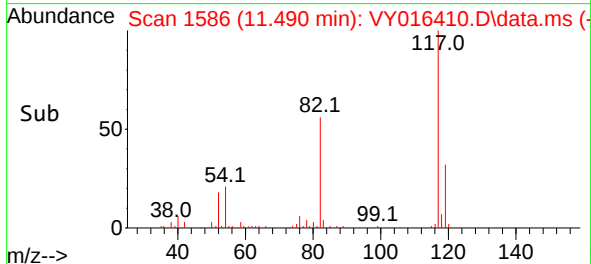
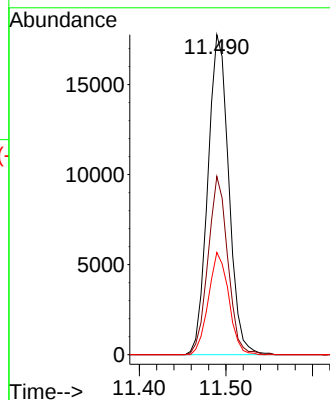
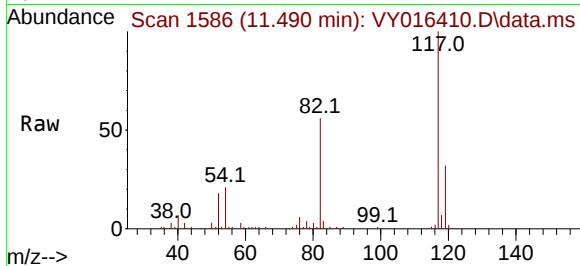




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111523RE

Tgt Ion:	117	Resp:	29806
Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.4	65.0
119	31.9	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: VY016410.D
Acq: 17 Nov 2023 15:18

Tgt Ion:	152	Resp:	11715
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.8	86.5
150	159.8	0.0	348.8

