

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016298.D
 Acq On : 10 Nov 2023 11:09
 Operator : SY/MD
 Sample : 05293-01
 Misc : 7.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Nov 10 22:18:50 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)

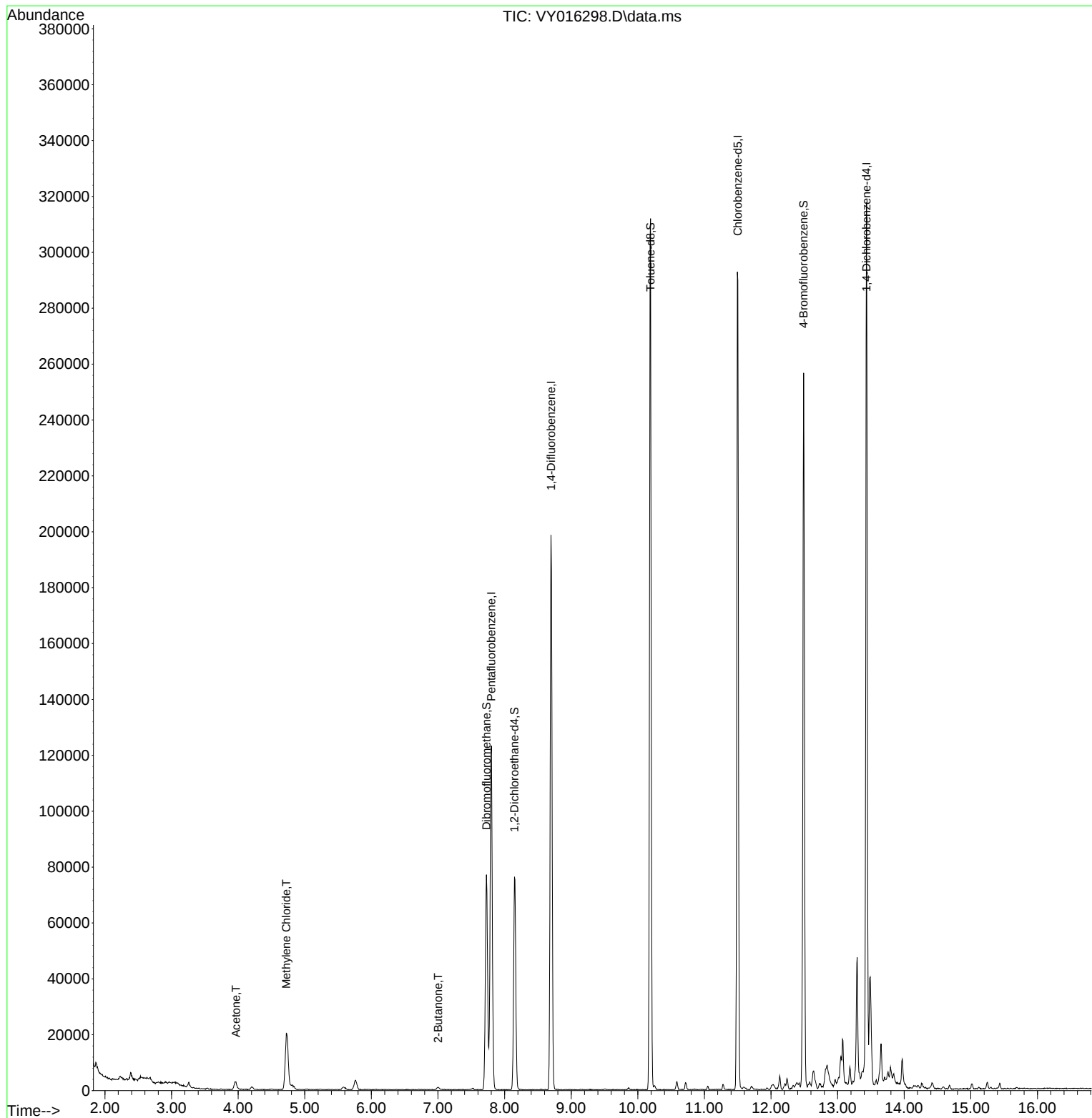
Internal Standards						
1) Pentafluorobenzene	7.801	168	97359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	169435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60461	67.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.900%
35) Dibromofluoromethane	7.728	113	54656	54.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.580%
50) Toluene-d8	10.191	98	205194	50.727	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.460%
62) 4-Bromofluorobenzene	12.489	95	74068	56.378	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.760%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	5307	36.056	ug/l	97
20) Methylene Chloride	4.722	84	16113	12.915	ug/l #	83
25) 2-Butanone	7.003	43	1705	6.613	ug/l	98

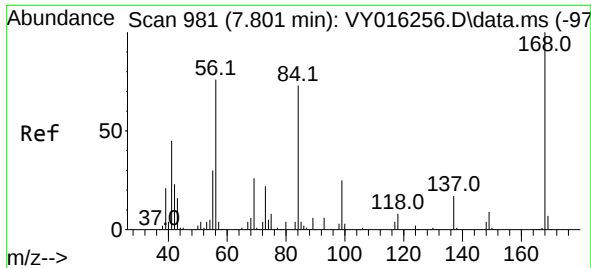
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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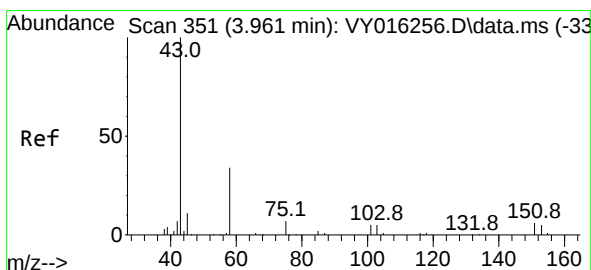
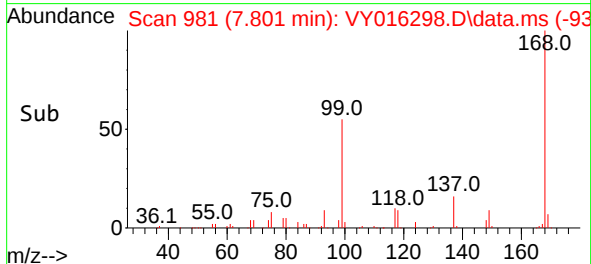
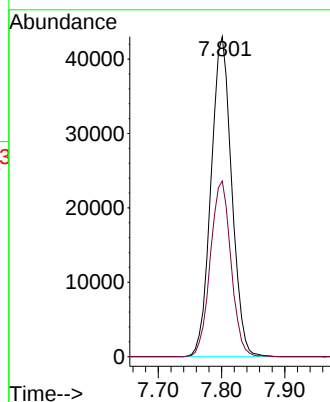
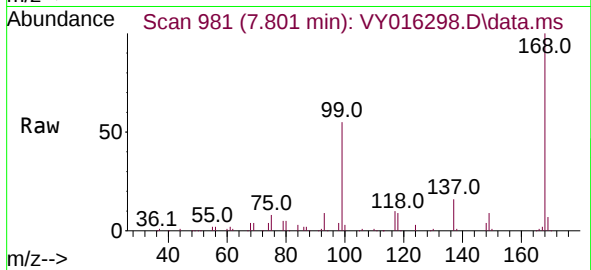




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

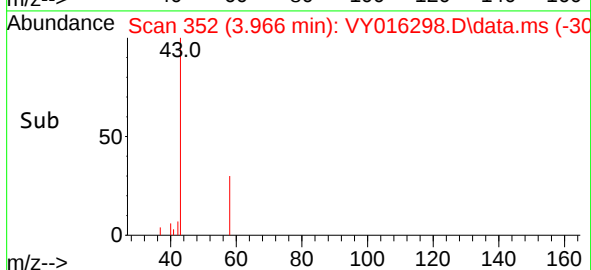
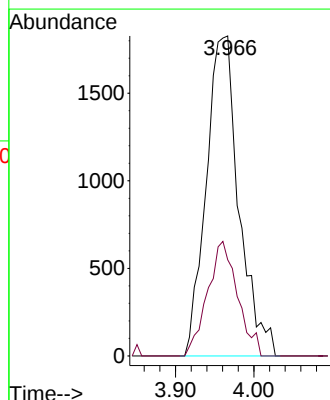
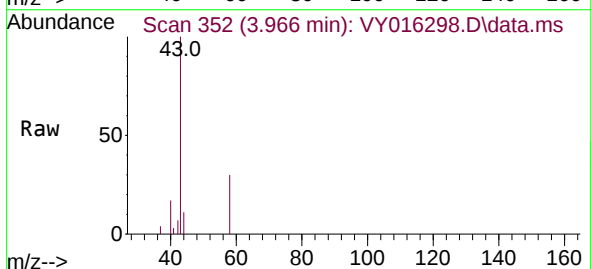
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

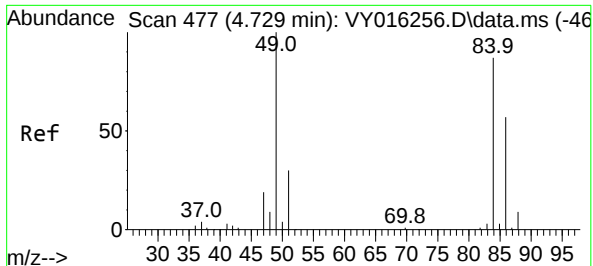
Tgt Ion:168 Resp: 97359
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#16
Acetone
Concen: 36.056 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

Tgt Ion: 43 Resp: 5307
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1





#20

Methylene Chloride

Concen: 12.915 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY016298.D

Acq: 10 Nov 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

Tgt Ion: 84 Resp: 16113

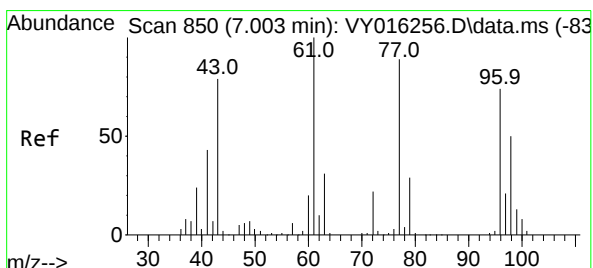
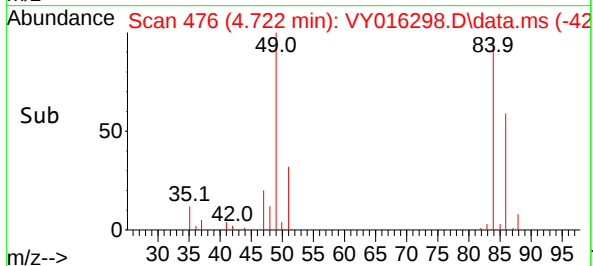
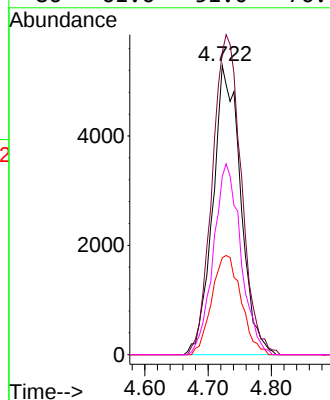
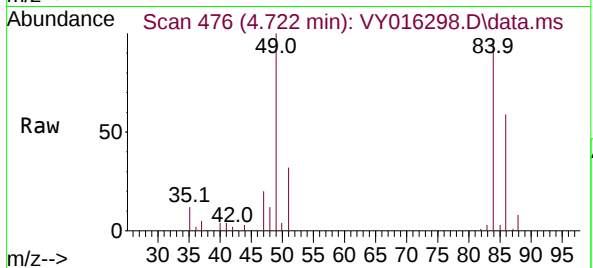
Ion Ratio Lower Upper

84 100

49 104.6 106.9 160.3#

51 33.6 33.2 49.8

86 61.6 51.0 76.6



#25

2-Butanone

Concen: 6.613 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016298.D

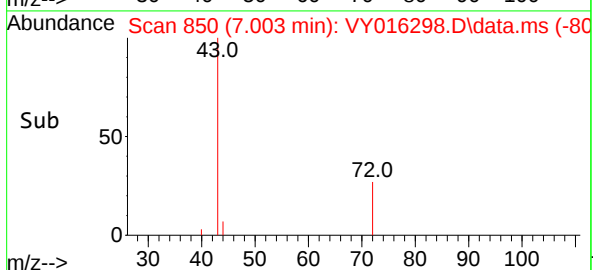
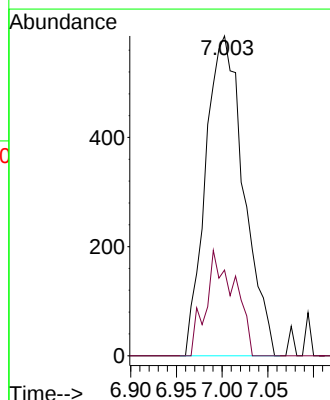
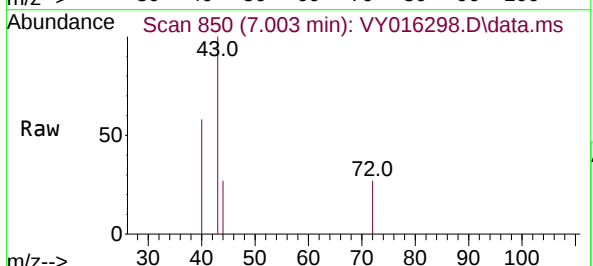
Acq: 10 Nov 2023 11:09

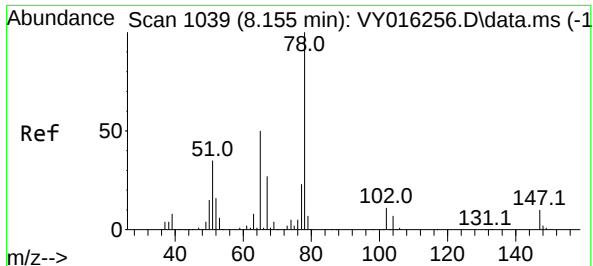
Tgt Ion: 43 Resp: 1705

Ion Ratio Lower Upper

43 100

72 26.8 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 67.947 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016298.D

Acq: 10 Nov 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

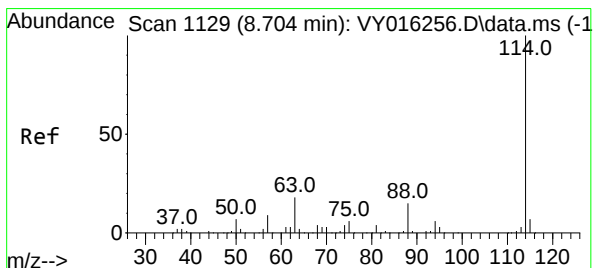
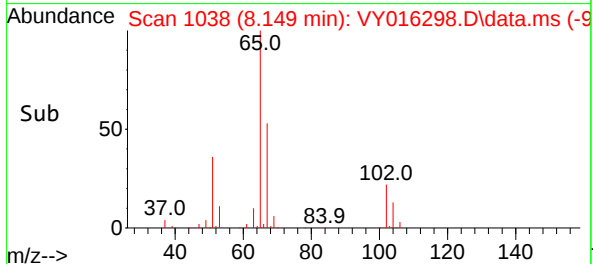
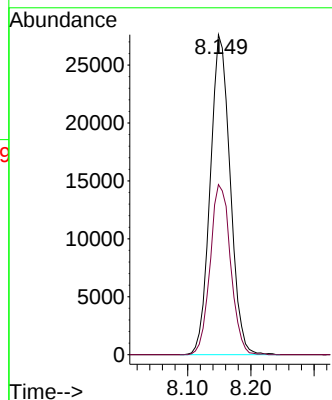
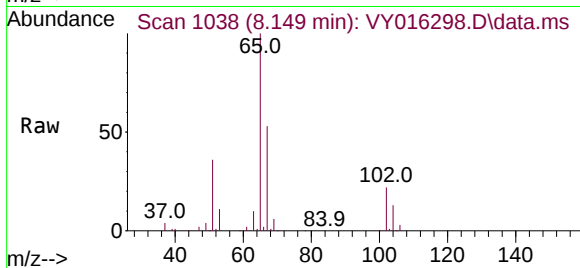
SB-1

Tgt Ion: 65 Resp: 60461

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016298.D

Acq: 10 Nov 2023 11:09

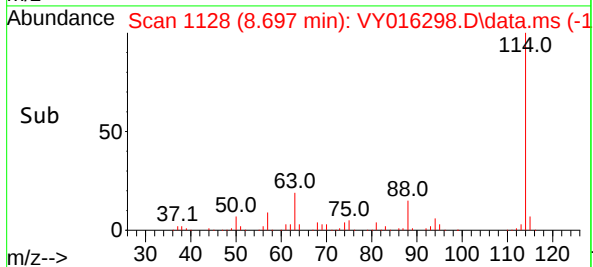
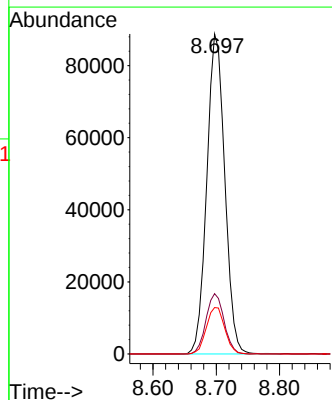
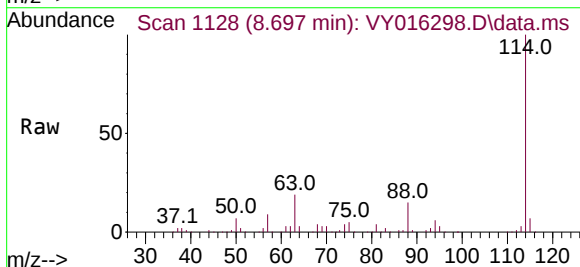
Tgt Ion: 114 Resp: 175597

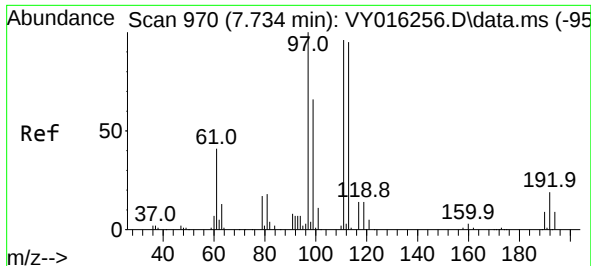
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.793 ug/l

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY016298.D

Acq: 10 Nov 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

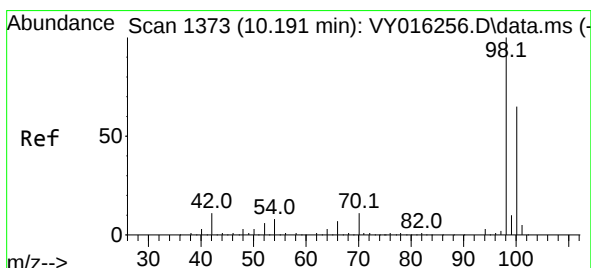
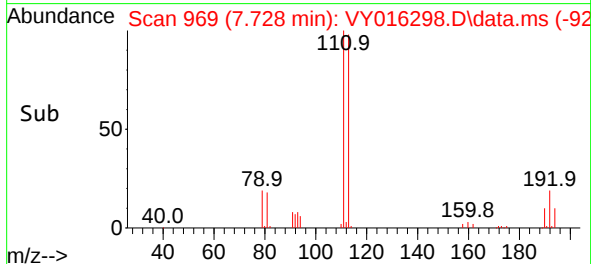
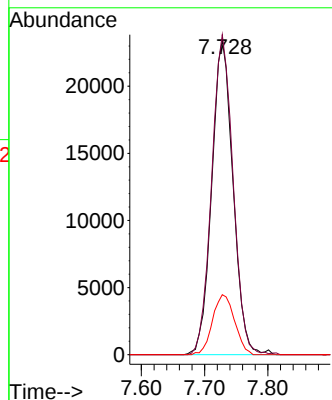
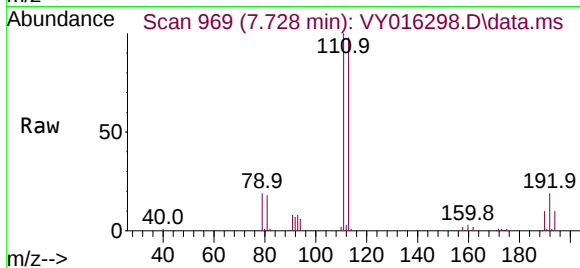
Tgt Ion:113 Resp: 54656

Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 19.8 16.9 25.3



#50

Toluene-d8

Concen: 50.727 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016298.D

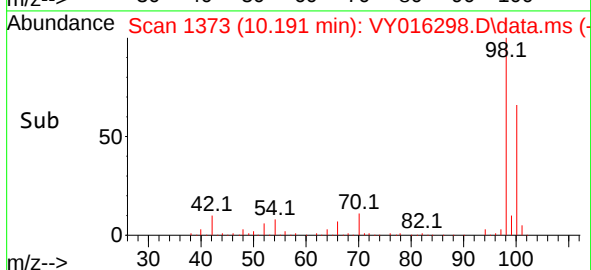
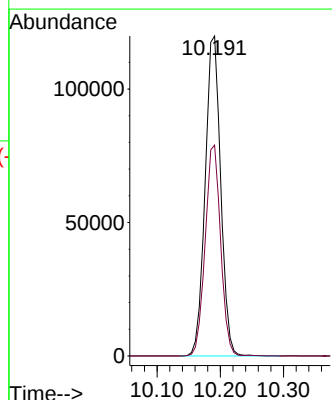
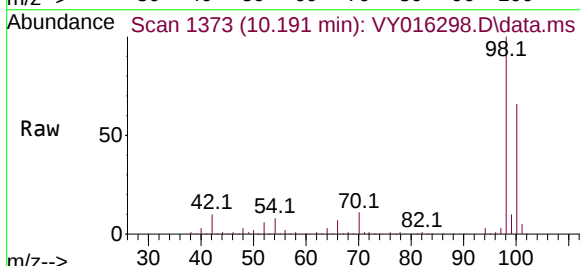
Acq: 10 Nov 2023 11:09

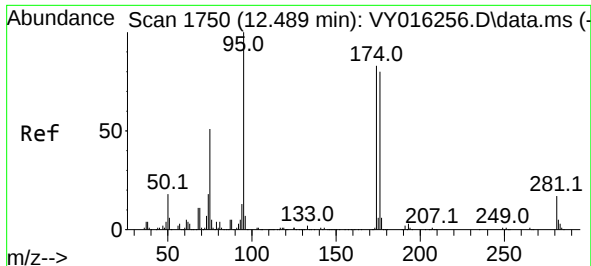
Tgt Ion: 98 Resp: 205194

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

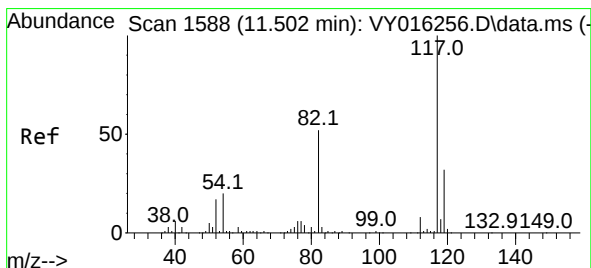
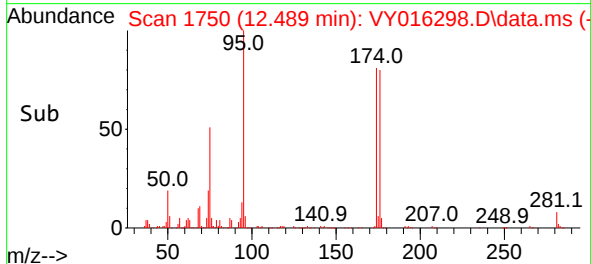
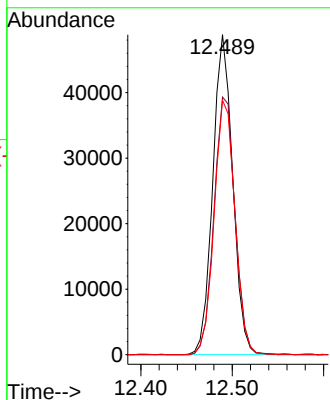
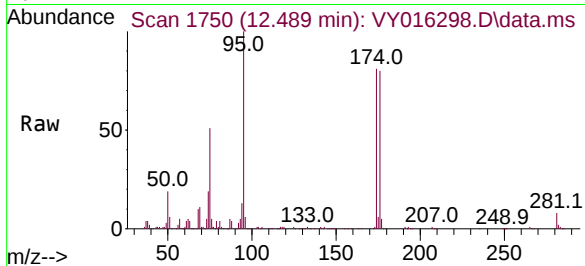




#62
4-Bromofluorobenzene
Concen: 56.378 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

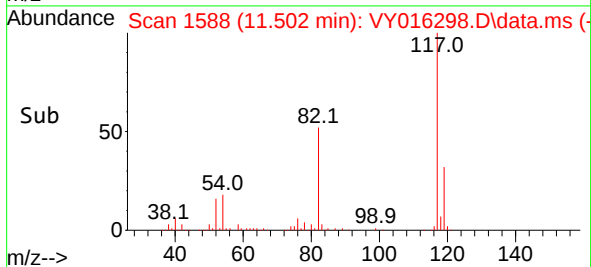
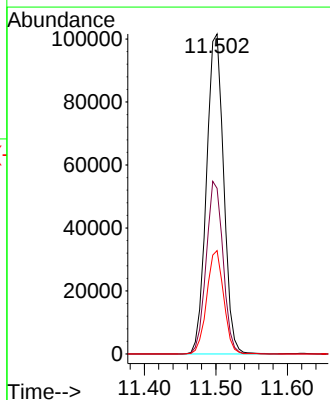
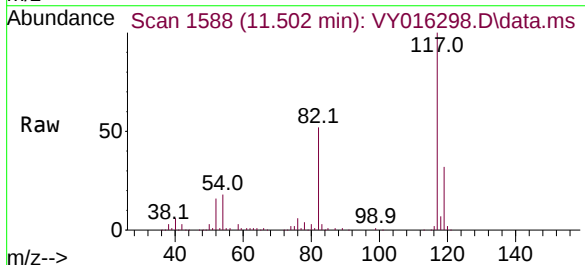
Instrument :
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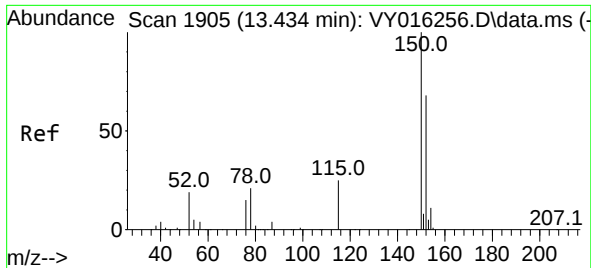
Tgt Ion: 95 Resp: 74068
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

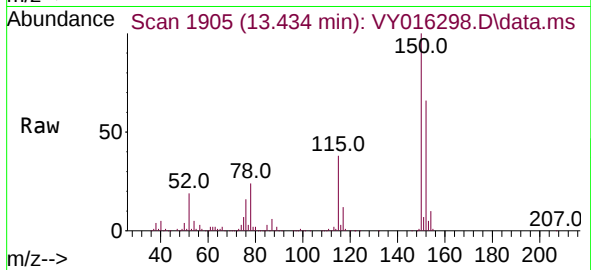
Tgt Ion: 117 Resp: 169435
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016298.D
 Acq: 10 Nov 2023 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.8	86.5
150	154.6	0.0	348.8

