

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016132.D
 Acq On : 30 Oct 2023 14:37
 Operator : SY/MD
 Sample : 05108-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1023-B

Quant Time: Oct 31 01:30:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

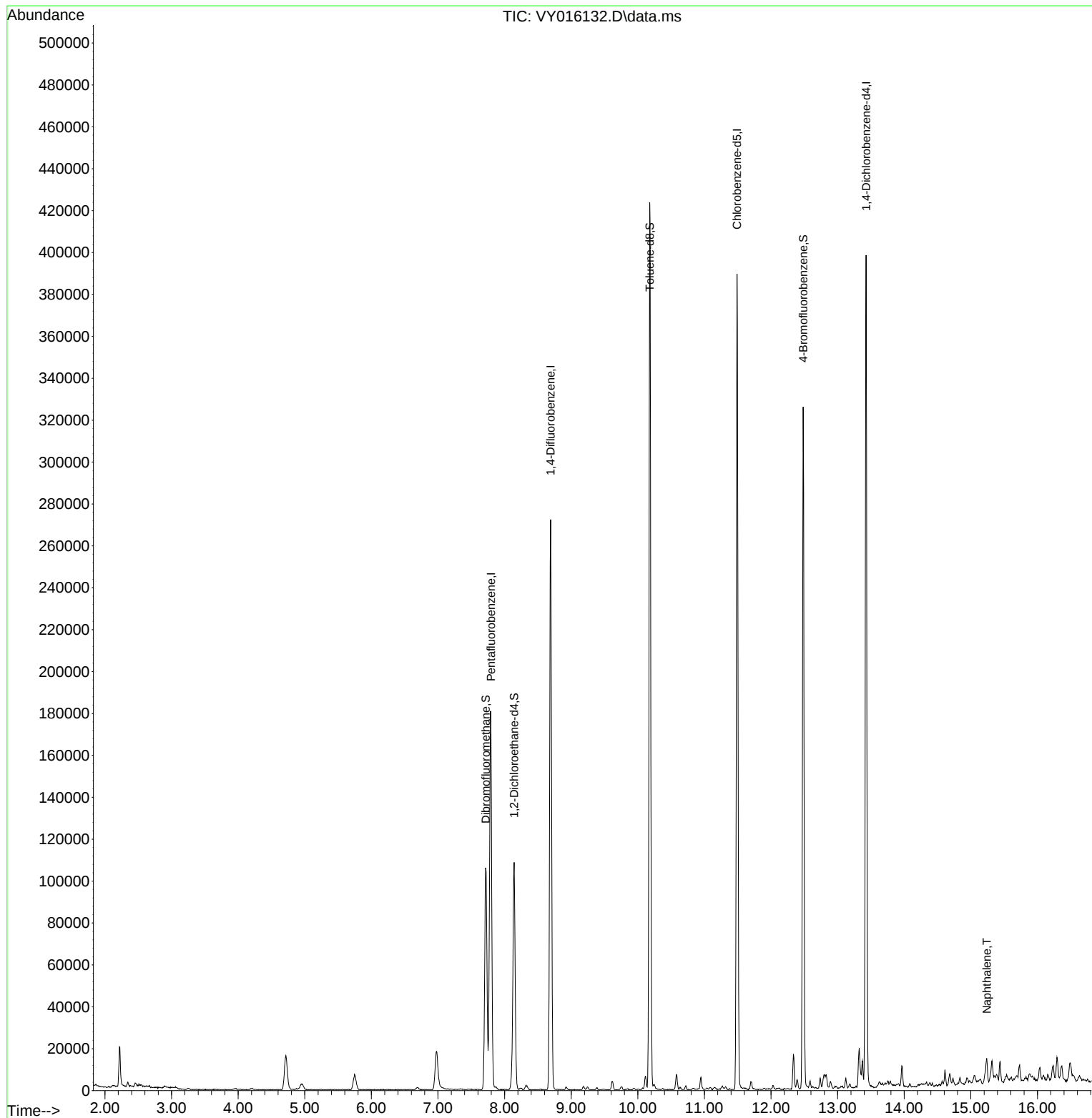
Internal Standards						
1) Pentafluorobenzene	7.795	168	143126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82052	57.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.716	113	77071	51.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.179	98	281873	50.471	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.483	95	96429	50.335	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.680%
Target Compounds						
					Qvalue	
95) Naphthalene	15.239	128	9686	2.626	ug/l	98

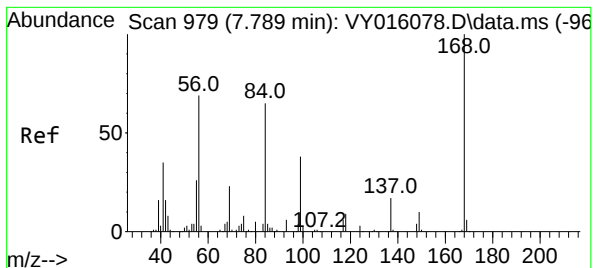
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 99

Delta R.T. 0.006 min

Lab File: VY016132.D

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Instrument :

MSVOA_Y

ClientSampleId :

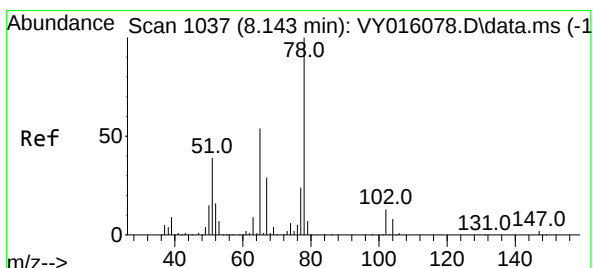
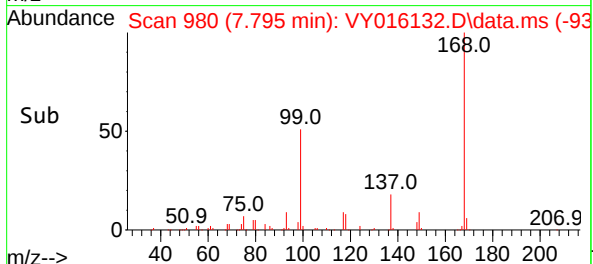
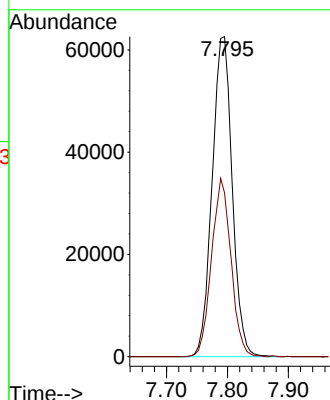
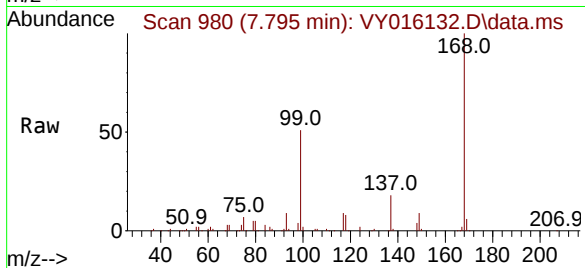
1023-B

Tgt Ion:168 Resp: 143126

Ion Ratio Lower Upper

168 100

99 51.3 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 57.654 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016132.D

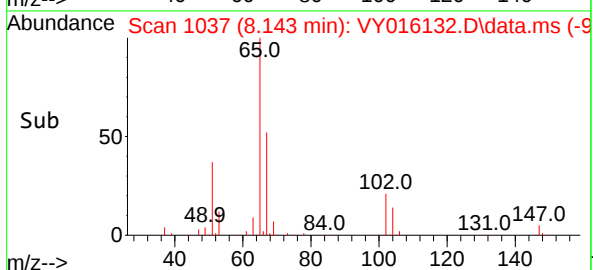
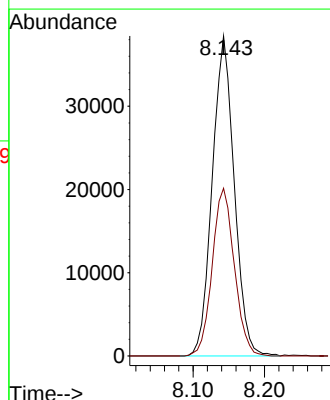
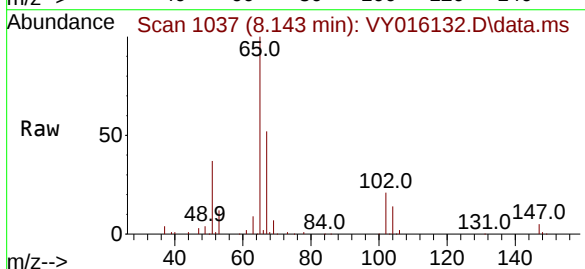
Acq: 30 Oct 2023 14:37

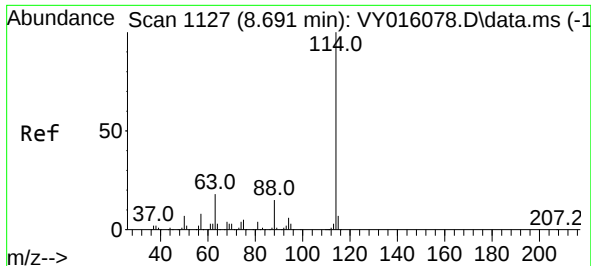
Tgt Ion: 65 Resp: 82052

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016132.D

Acq: 30 Oct 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

1023-B

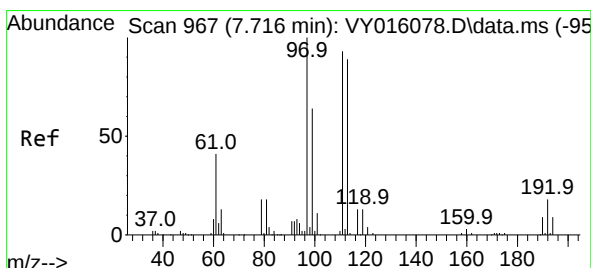
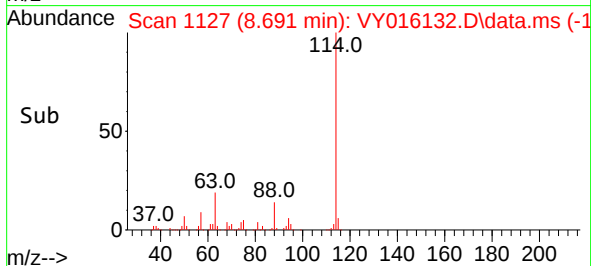
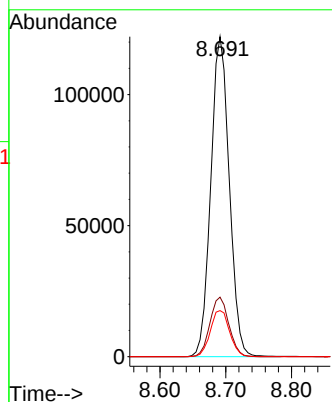
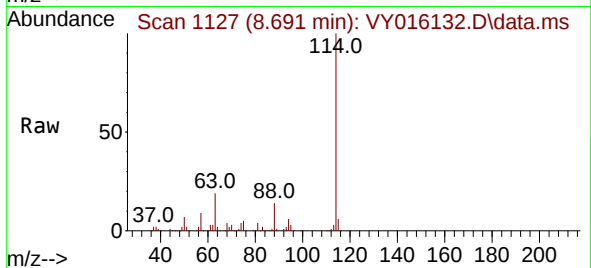
Tgt Ion:114 Resp: 238828

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.118 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016132.D

Acq: 30 Oct 2023 14:37

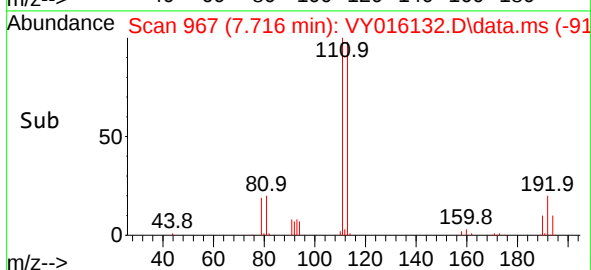
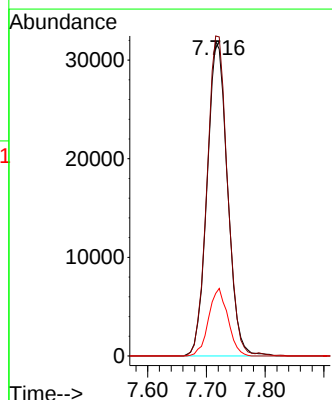
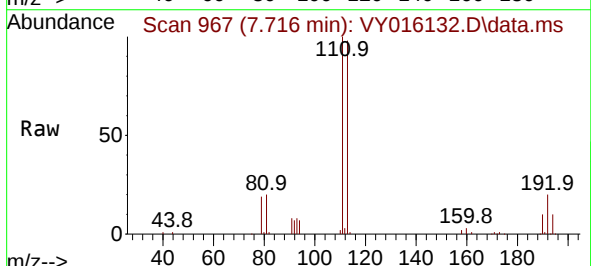
Tgt Ion:113 Resp: 77071

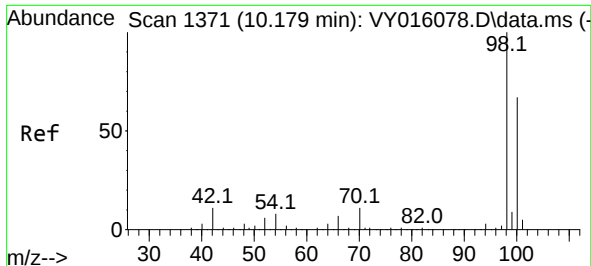
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 20.3 16.9 25.3

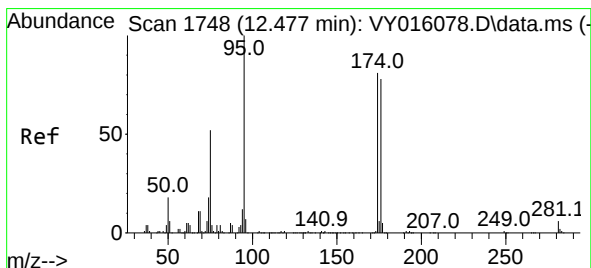
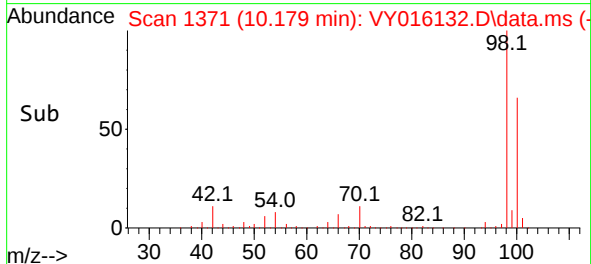
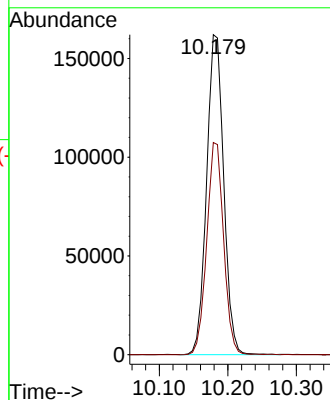
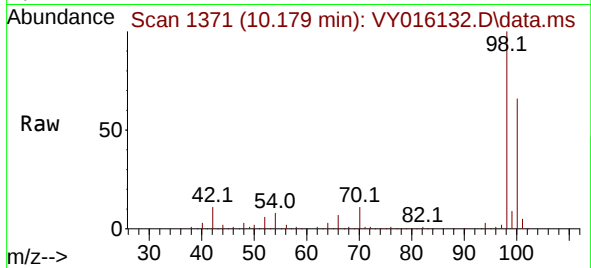




#50
Toluene-d8
Concen: 50.471 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016132.D
Acq: 30 Oct 2023 14:37

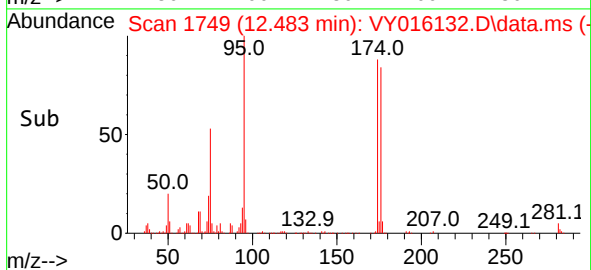
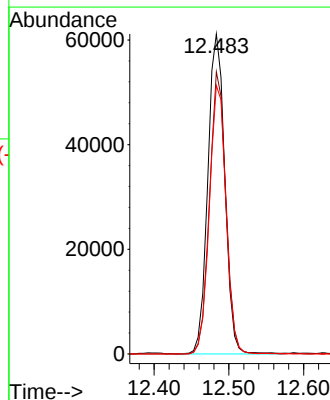
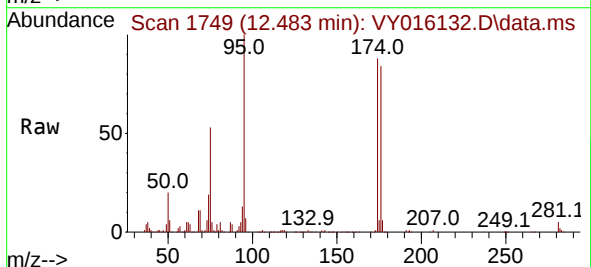
Instrument :
MSVOA_Y
ClientSampleId :
1023-B

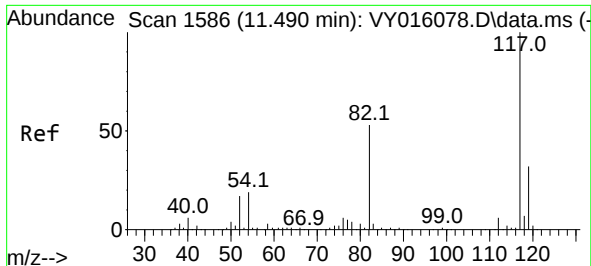
Tgt Ion: 98 Resp: 281873
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.335 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016132.D
Acq: 30 Oct 2023 14:37

Tgt Ion: 95 Resp: 96429
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.5 0.0 173.8

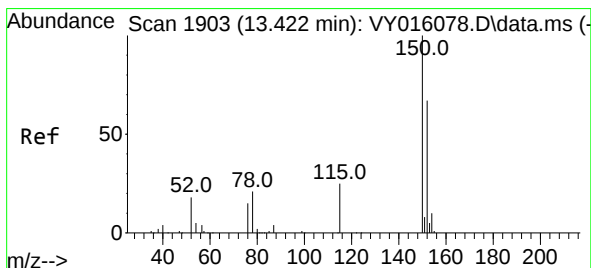
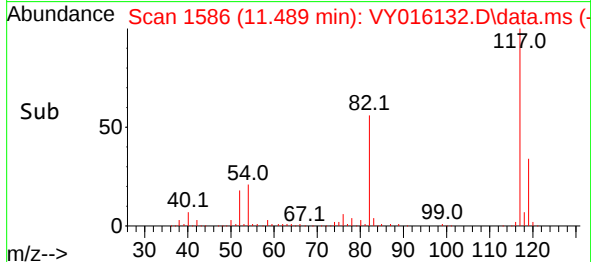
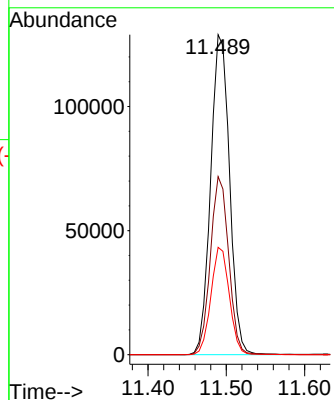
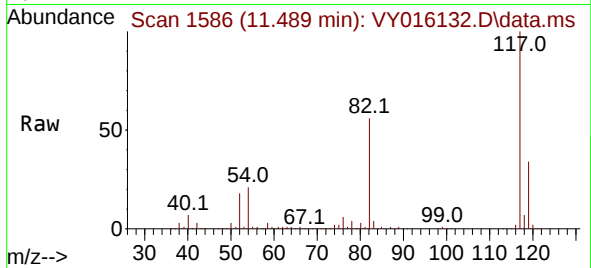




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016132.D
Acq: 30 Oct 2023 14:37

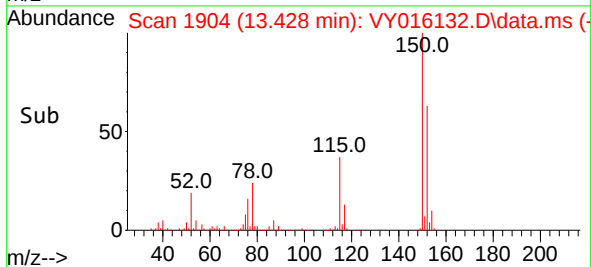
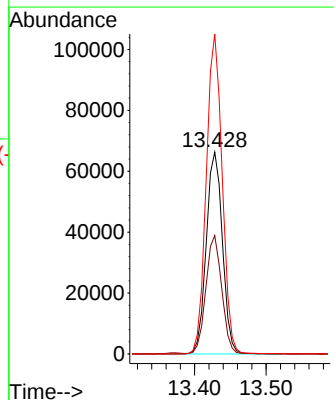
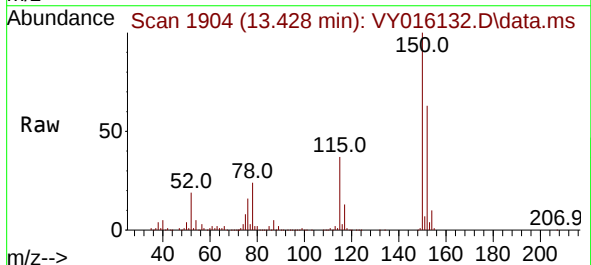
Instrument :
MSVOA_Y
ClientSampleId :
1023-B

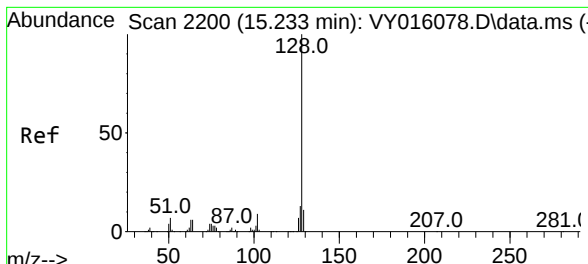
Tgt Ion:117 Resp: 216014
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 33.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016132.D
Acq: 30 Oct 2023 14:37

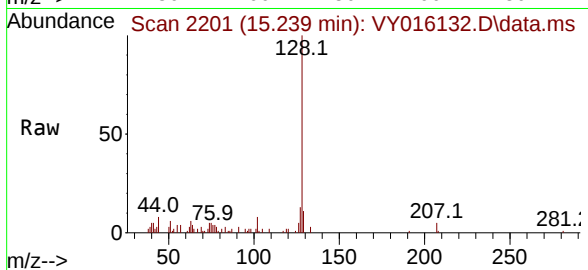
Tgt Ion:152 Resp: 104123
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 156.3 0.0 348.8





#95
 Naphthalene
 Concen: 2.626 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY016132.D
 Acq: 30 Oct 2023 14:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 1023-B



Tgt Ion:	128	Resp:	9686
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.8	16.2
129	11.0	8.6	13.0

