

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
 Data File : VD078550.D
 Acq On : 26 Feb 2024 13:30
 Operator : RP/MD
 Sample : P1588-01
 Misc : 5.08G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1838

Quant Time: Feb 27 03:26:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

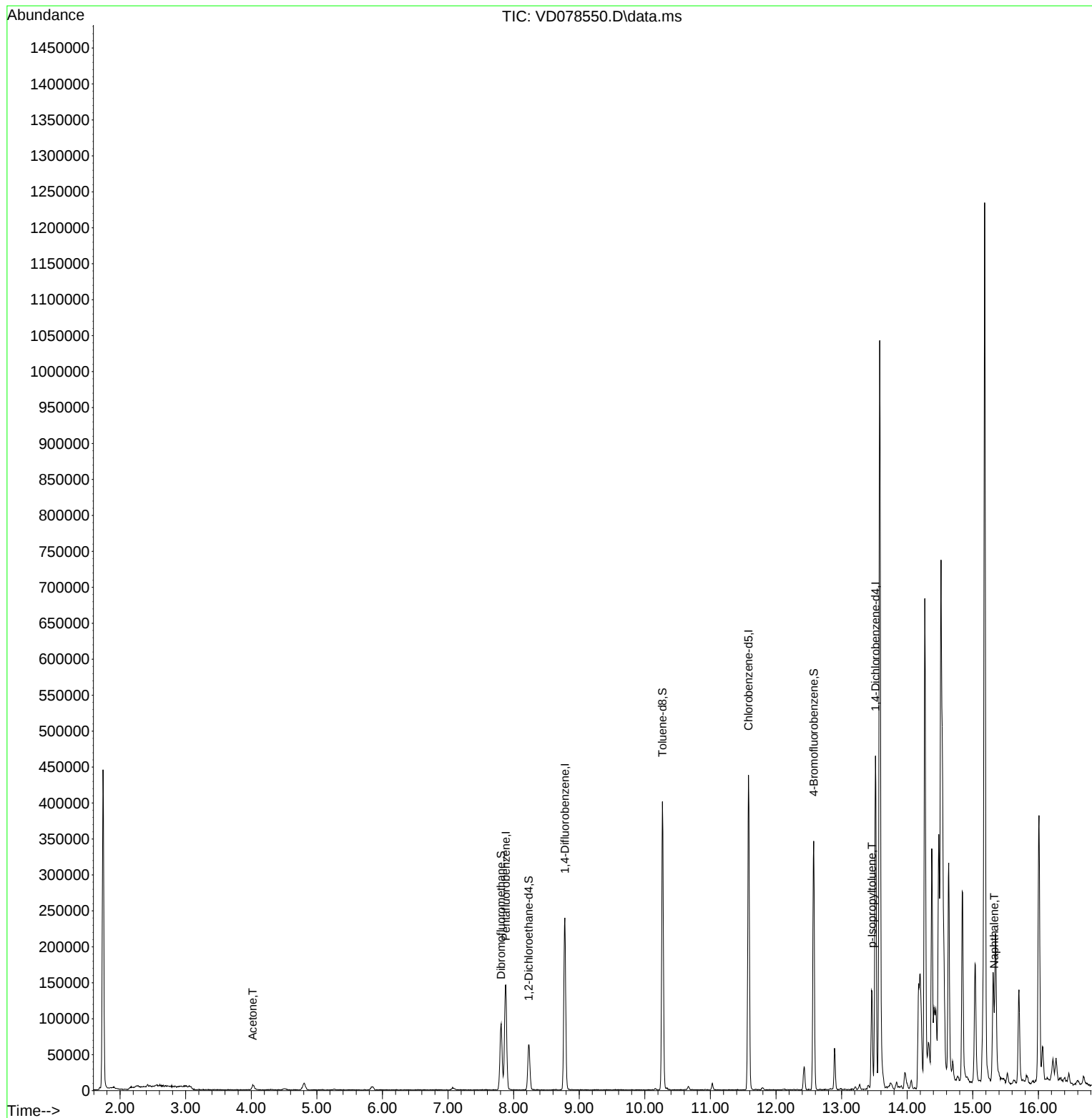
Internal Standards						
1) Pentafluorobenzene	7.881	168	117320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	222053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	262460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48314	38.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.180%
35) Dibromofluoromethane	7.810	113	66017	46.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.600%
50) Toluene-d8	10.269	98	282495	50.066	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.575	95	104996	63.945	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	127.880%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	11850	26.872	ug/l #	83
86) p-Isopropyltoluene	13.463	119	79559	10.249	ug/l	97
95) Naphthalene	15.328	128	10180	2.642	ug/l #	87

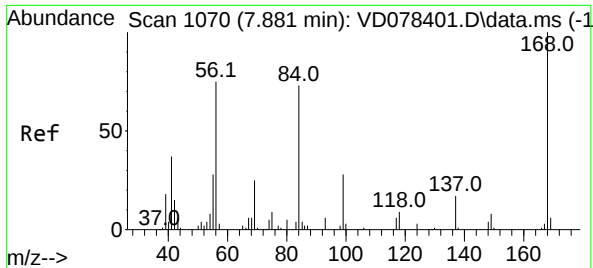
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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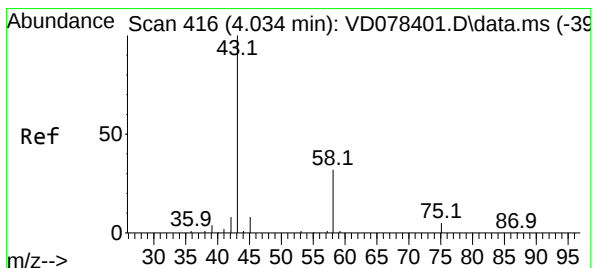
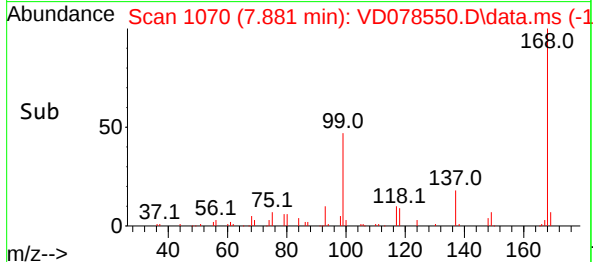
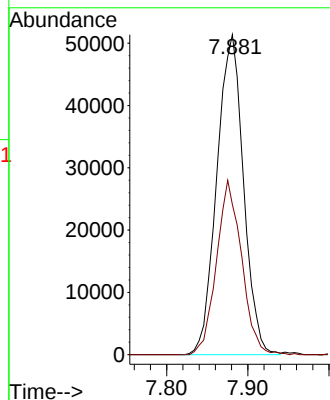
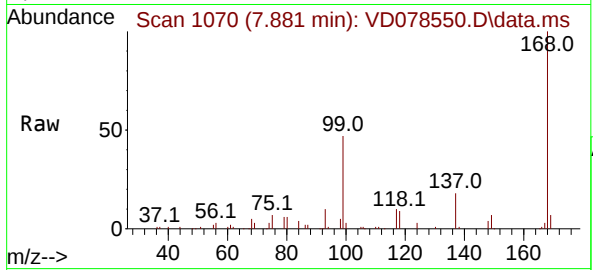




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078550.D
Acq: 26 Feb 2024 13:30

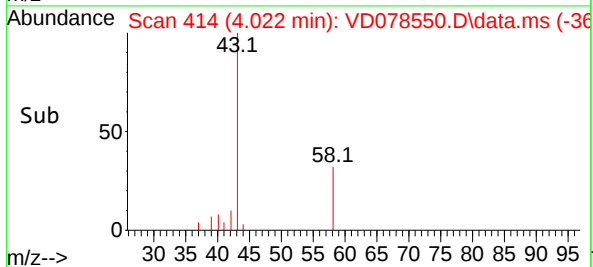
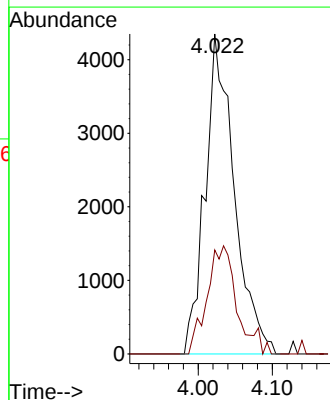
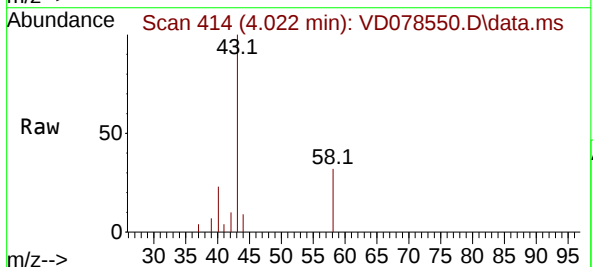
Instrument :
MSVOA_D
ClientSampleId :
1838

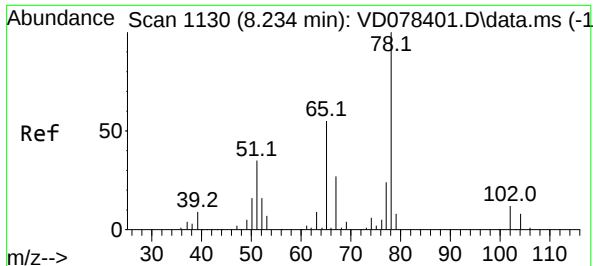
Tgt Ion:168 Resp: 117320
Ion Ratio Lower Upper
168 100
99 47.0 36.7 55.1



#16
Acetone
Concen: 26.872 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078550.D
Acq: 26 Feb 2024 13:30

Tgt Ion: 43 Resp: 11850
Ion Ratio Lower Upper
43 100
58 32.5 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 38.087 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078550.D

Acq: 26 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

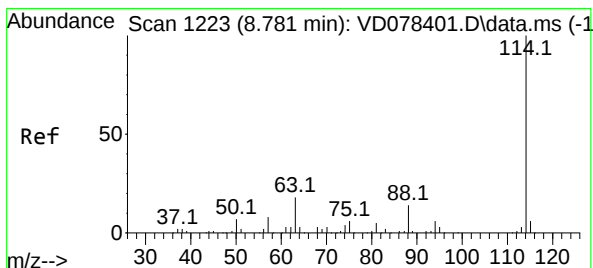
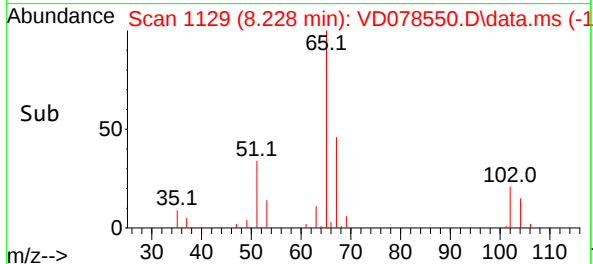
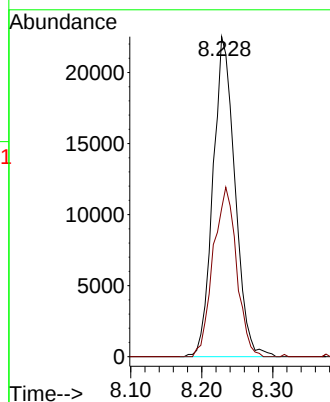
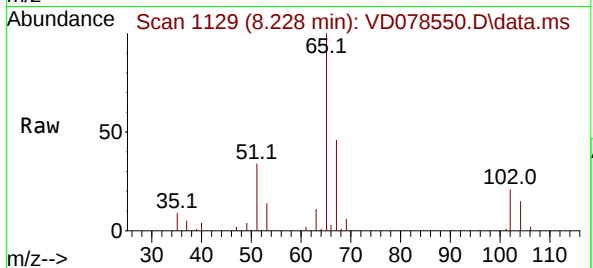
1838

Tgt Ion: 65 Resp: 48314

Ion Ratio Lower Upper

65 100

67 56.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078550.D

Acq: 26 Feb 2024 13:30

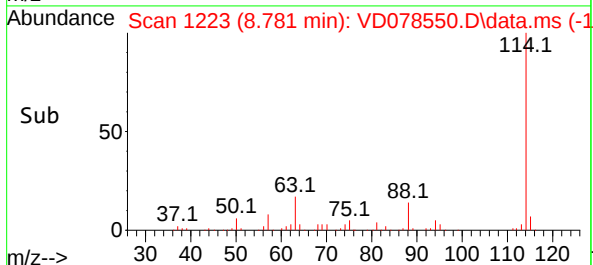
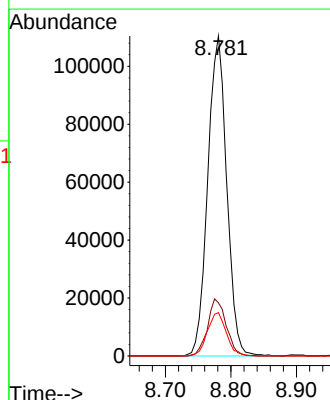
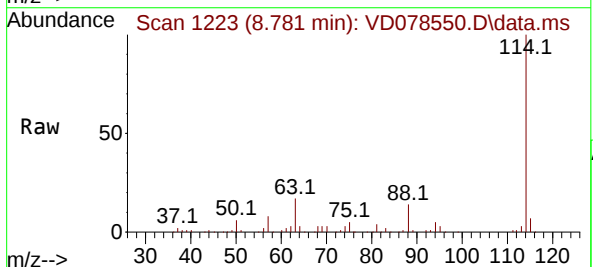
Tgt Ion: 114 Resp: 222053

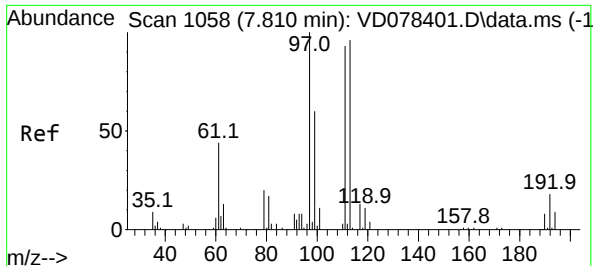
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.803 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078550.D

Acq: 26 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

1838

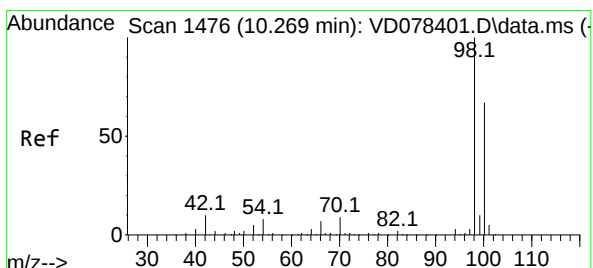
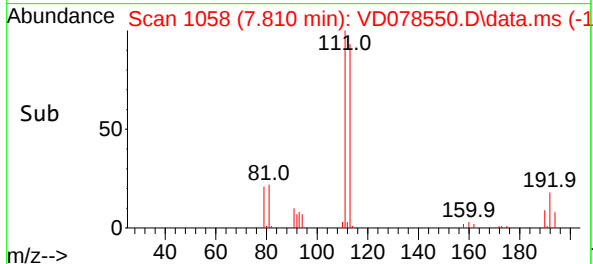
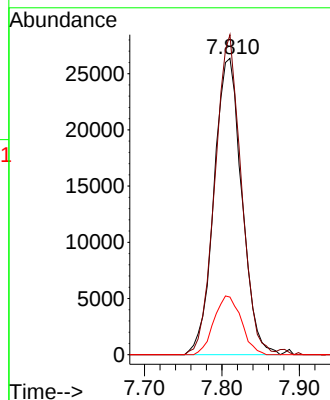
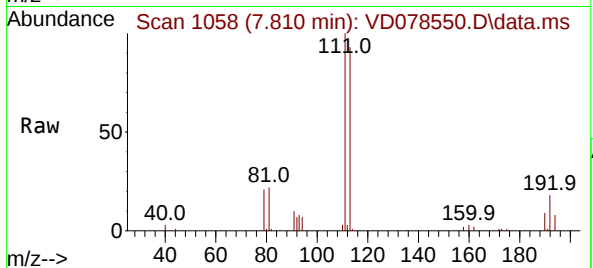
Tgt Ion:113 Resp: 66017

Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 19.4 16.8 25.2



#50

Toluene-d8

Concen: 50.066 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078550.D

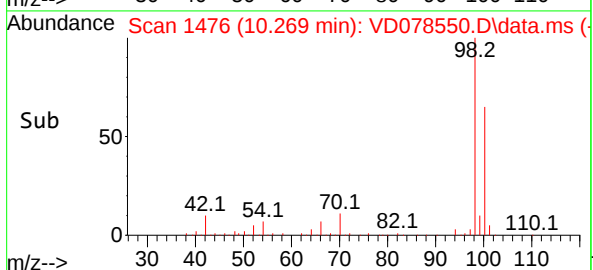
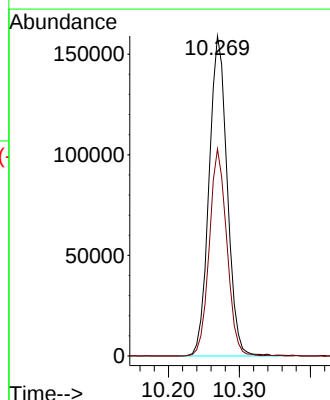
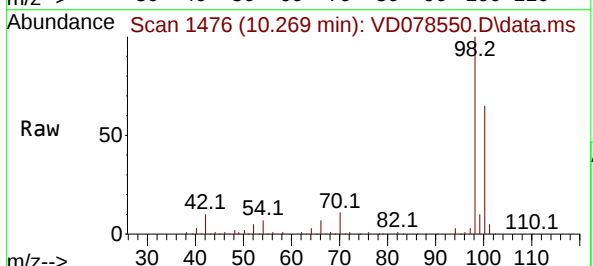
Acq: 26 Feb 2024 13:30

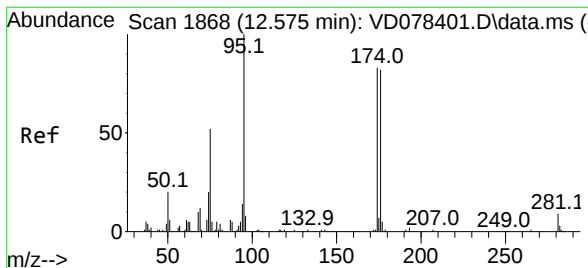
Tgt Ion: 98 Resp: 282495

Ion Ratio Lower Upper

98 100

100 62.2 50.3 75.5

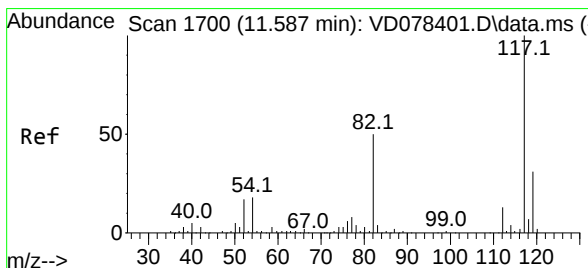
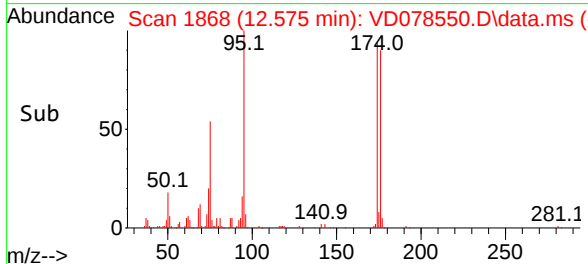
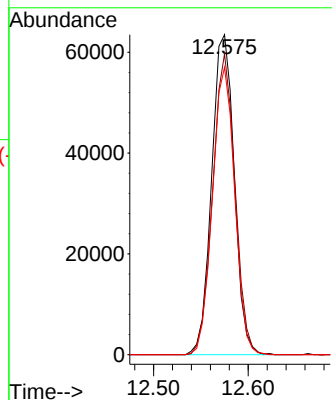
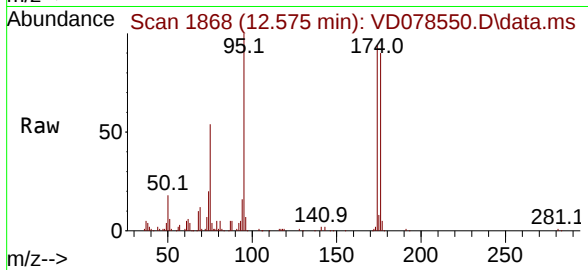




#62
4-Bromofluorobenzene
Concen: 63.945 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078550.D
Acq: 26 Feb 2024 13:30

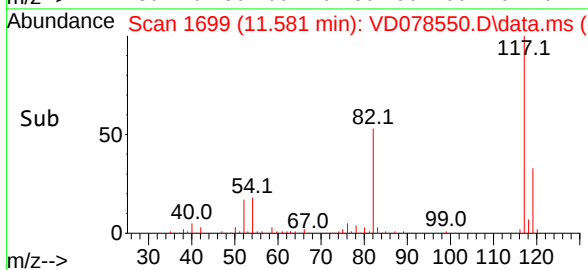
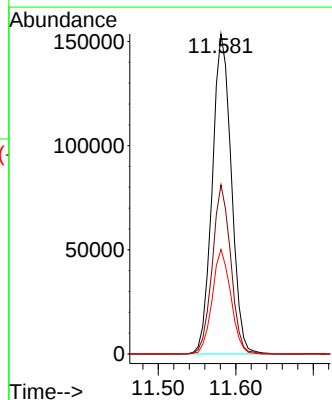
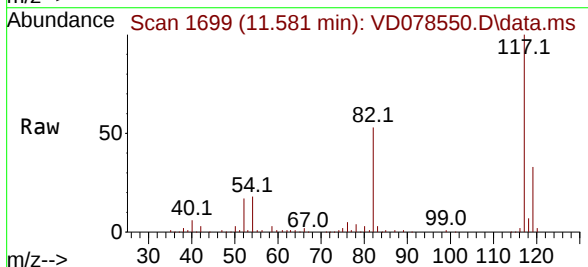
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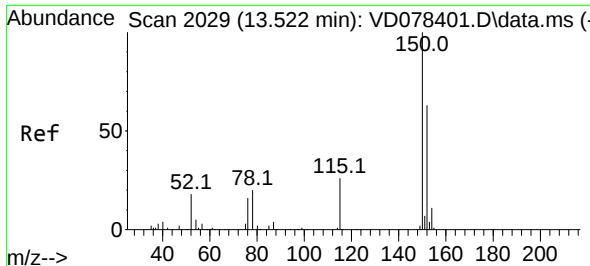
Tgt Ion: 95 Resp: 104996
Ion Ratio Lower Upper
95 100
174 93.0 0.0 201.8
176 88.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078550.D
Acq: 26 Feb 2024 13:30

Tgt Ion: 117 Resp: 262460
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 32.6 25.0 37.4

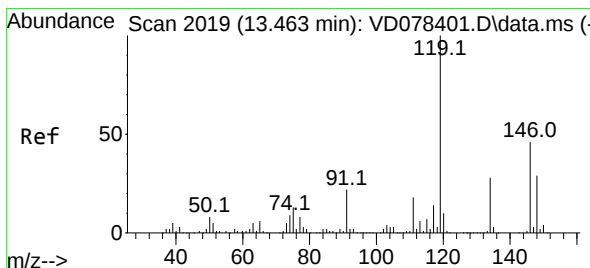
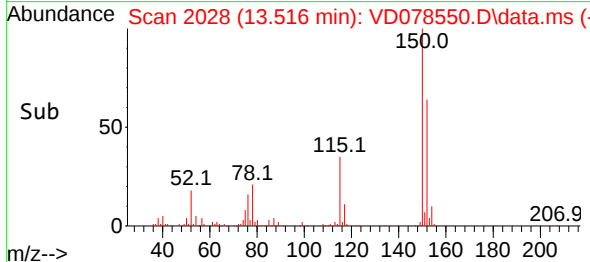
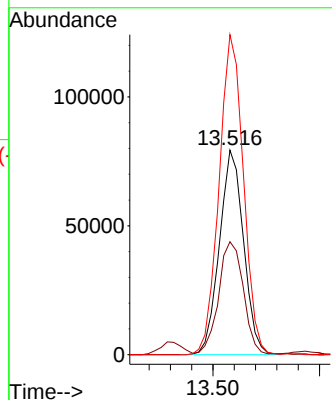
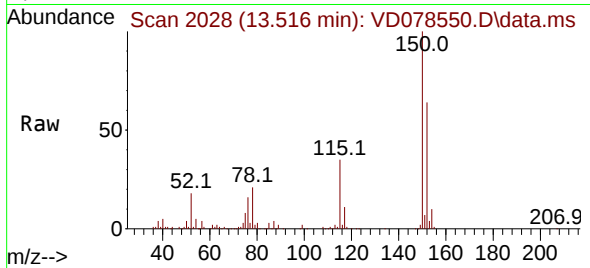




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD078550.D
Acq: 26 Feb 2024 13:30

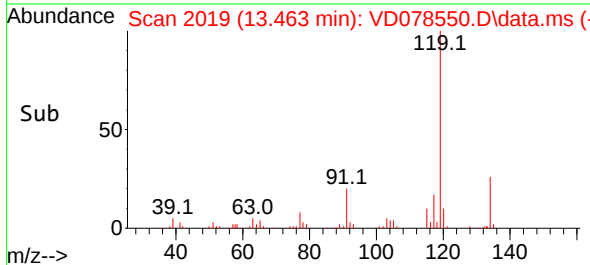
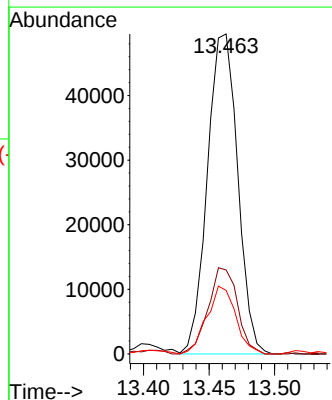
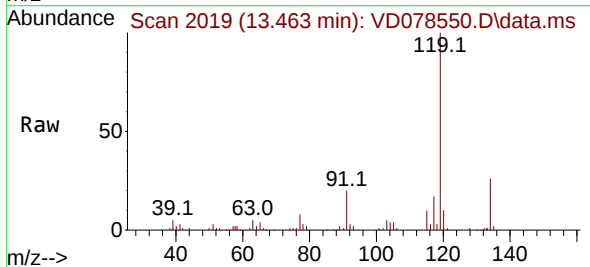
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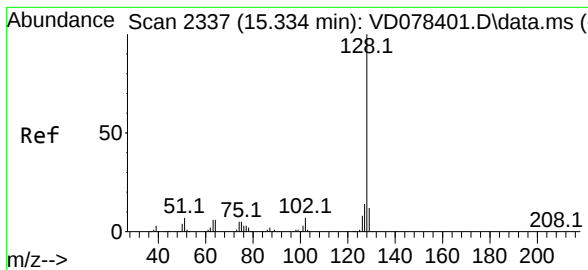
Tgt Ion:152 Resp: 124967
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 157.4 0.0 353.6



#86
p-Isopropyltoluene
Concen: 10.249 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD078550.D
Acq: 26 Feb 2024 13:30

Tgt Ion:119 Resp: 79559
Ion Ratio Lower Upper
119 100
134 26.1 14.2 42.6
91 20.2 10.5 31.5





#95
Naphthalene
Concen: 2.642 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078550.D
Acq: 26 Feb 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
1838

Tgt Ion:	128	Resp:	10180
Ion Ratio	Lower	Upper	
128	100		
127	19.4	10.5	15.7#
129	7.3	8.7	13.1#

