

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076936.D
 Acq On : 07 Aug 2023 17:32
 Operator : KP/SY
 Sample : 03917-03
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP05A

Quant Time: Aug 08 04:40:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

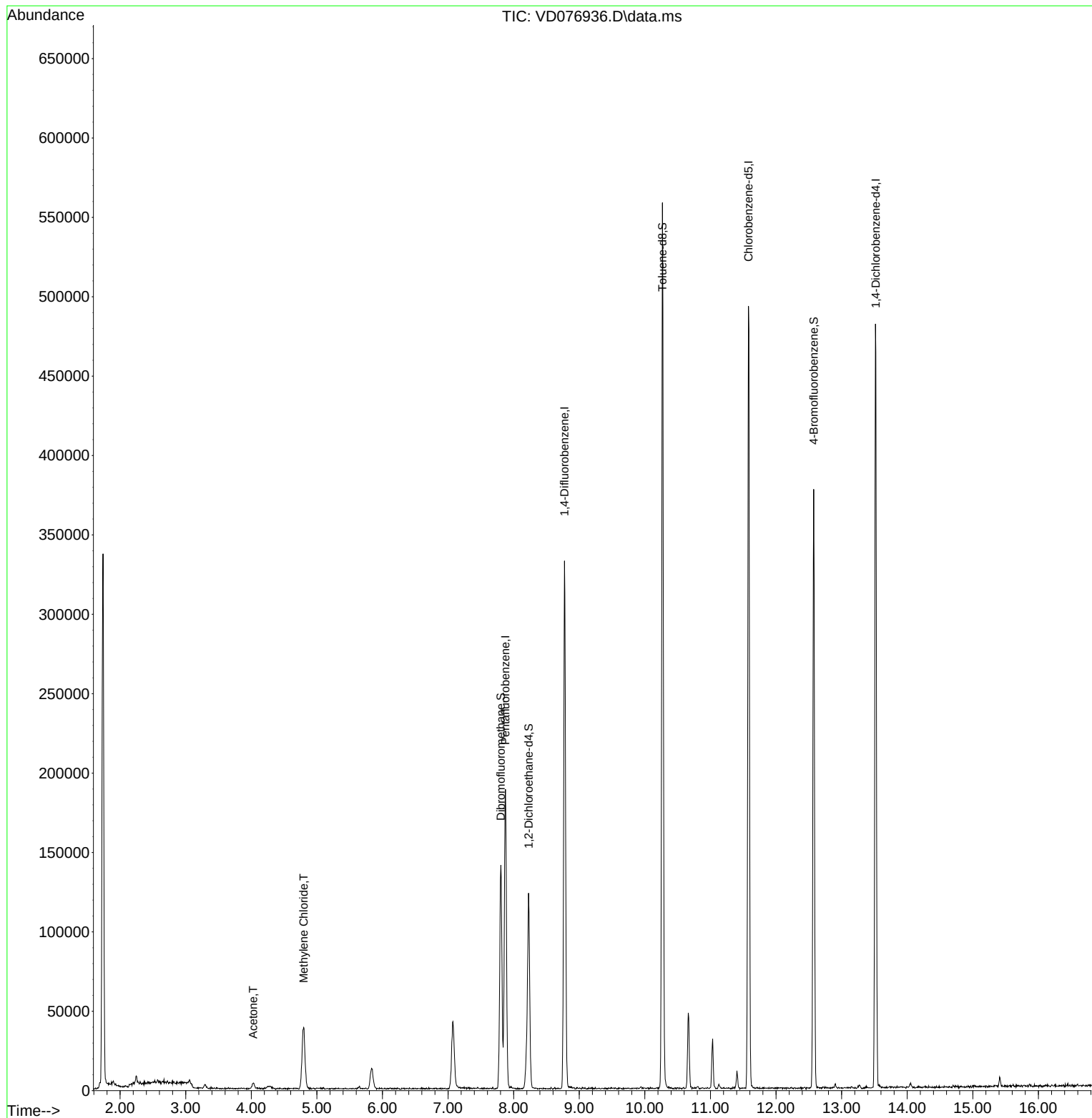
Internal Standards						
1) Pentafluorobenzene	7.875	168	146753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	300278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	130961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86377	59.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.180%	
35) Dibromofluoromethane	7.804	113	103177	54.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.660%	
50) Toluene-d8	10.269	98	377801	55.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.220%	
62) 4-Bromofluorobenzene	12.574	95	111590	50.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.560%	
Target Compounds						Qvalue
16) Acetone	4.028	43	5841	16.732	ug/l	94
20) Methylene Chloride	4.798	84	32455	6.692	ug/l #	92

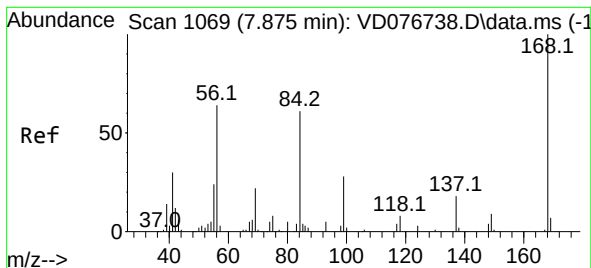
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076936.D

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Instrument :

MSVOA_D

ClientSampleId :

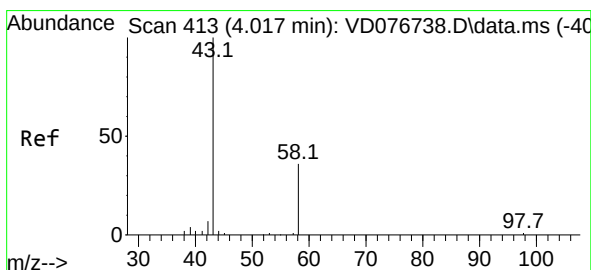
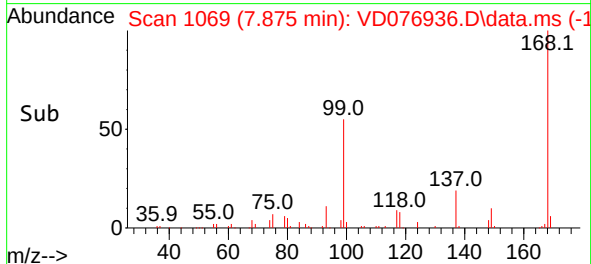
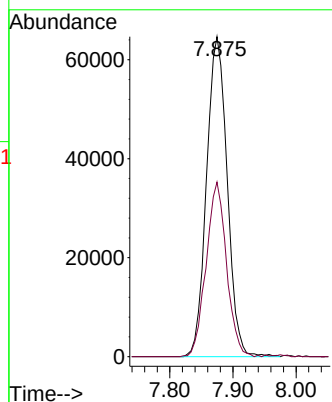
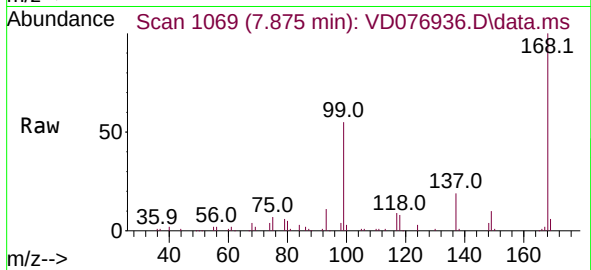
B-PP05A

Tgt Ion:168 Resp: 146753

Ion Ratio Lower Upper

168 100

99 54.6 36.7 55.1



#16

Acetone

Concen: 16.732 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.011 min

Lab File: VD076936.D

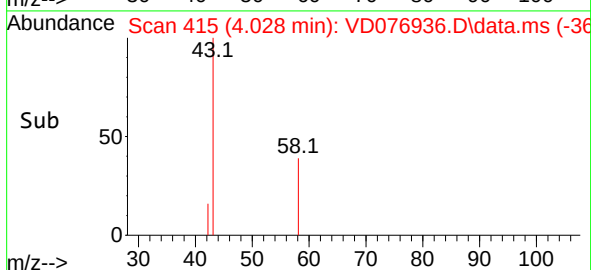
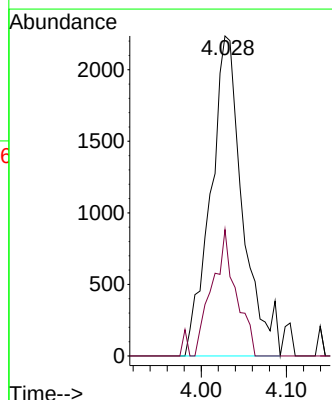
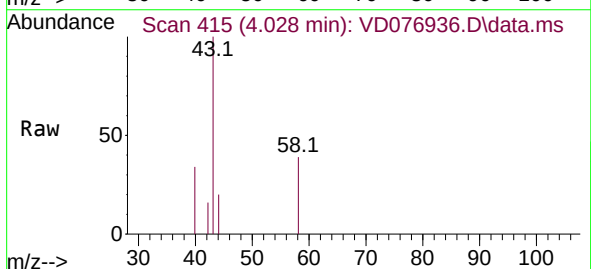
Acq: 07 Aug 2023 17:32

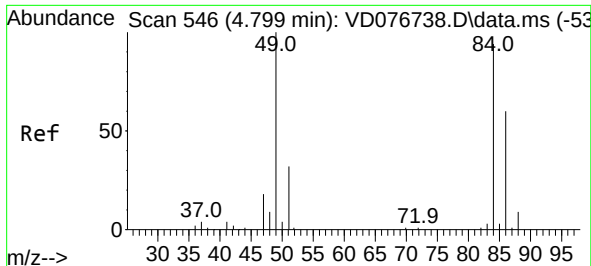
Tgt Ion: 43 Resp: 5841

Ion Ratio Lower Upper

43 100

58 39.5 34.7 52.1

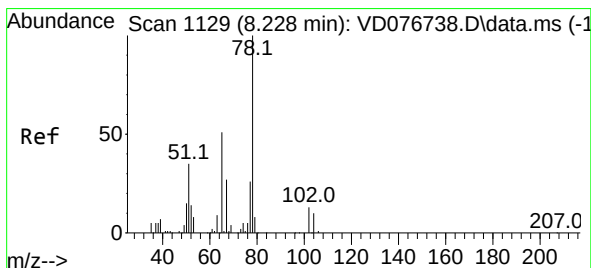
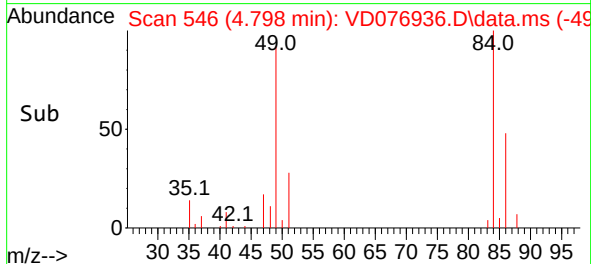
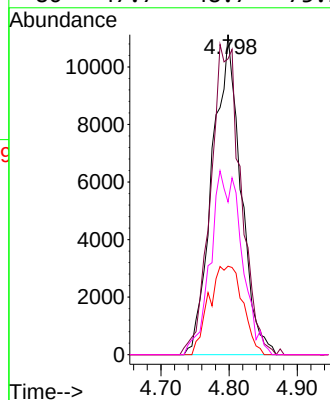
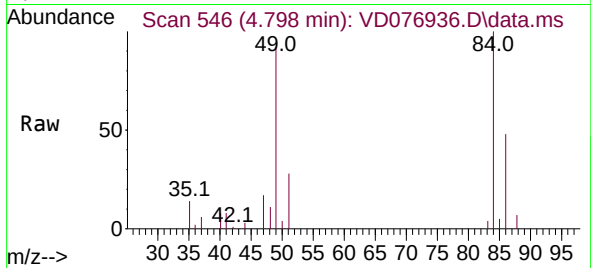




#20
Methylene Chloride
Concen: 6.692 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

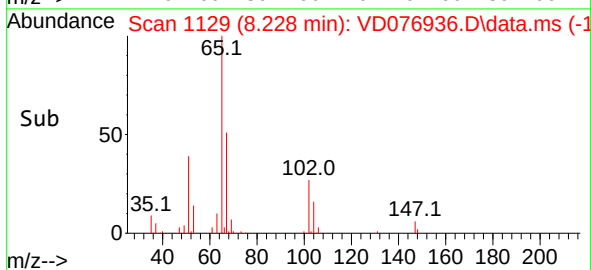
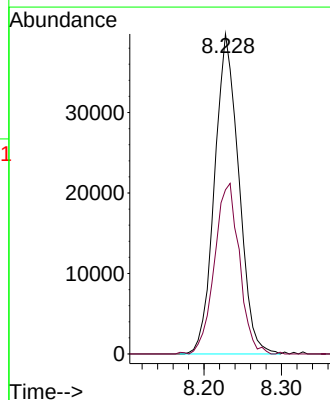
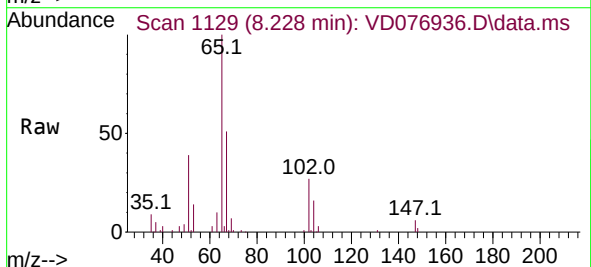
Instrument :
MSVOA_D
ClientSampleId :
B-PP05A

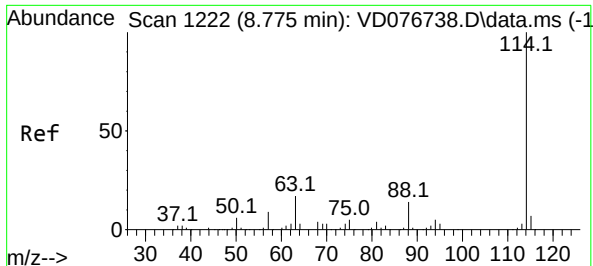
Tgt Ion:	84	Resp:	32455
Ion	Ratio	Lower	Upper
84	100		
49	92.5	71.4	107.2
51	27.6	24.5	36.7
86	47.7	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 59.093 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Tgt Ion:	65	Resp:	86377
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076936.D

Acq: 07 Aug 2023 17:32

Instrument :

MSVOA_D

ClientSampleId :

B-PP05A

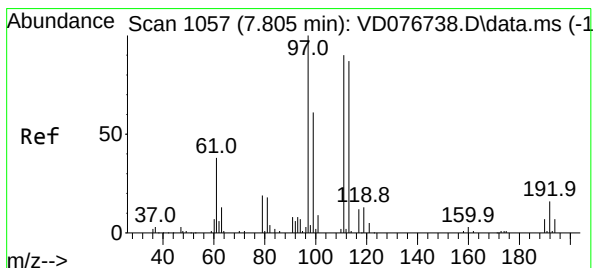
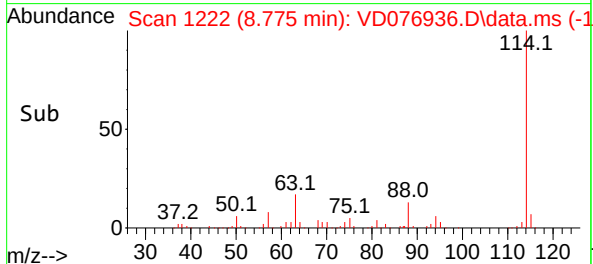
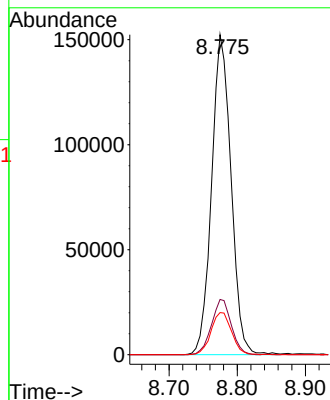
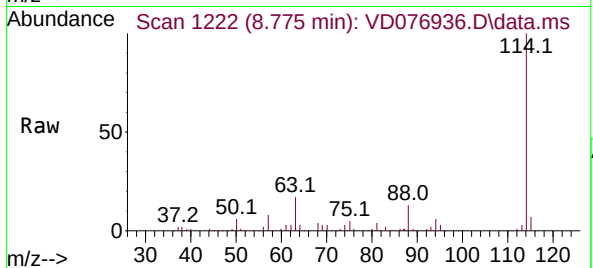
Tgt Ion:114 Resp: 302190

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.333 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076936.D

Acq: 07 Aug 2023 17:32

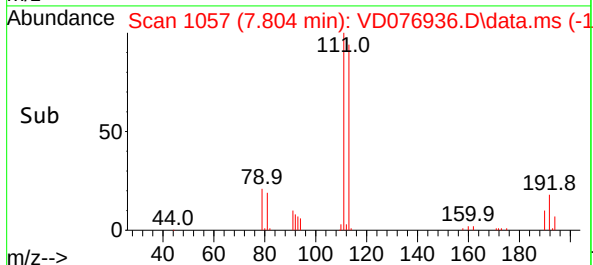
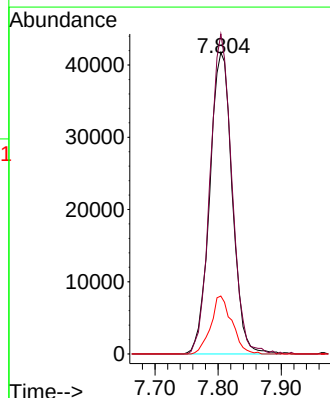
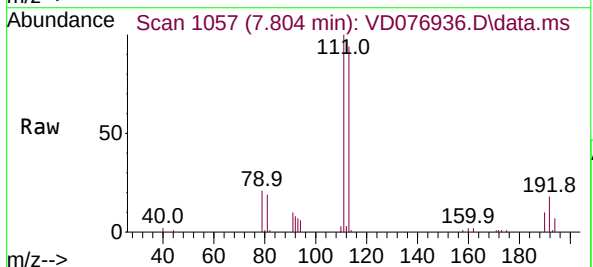
Tgt Ion:113 Resp: 103177

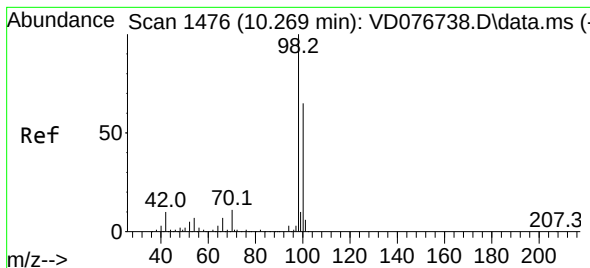
Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 18.0 16.8 25.2

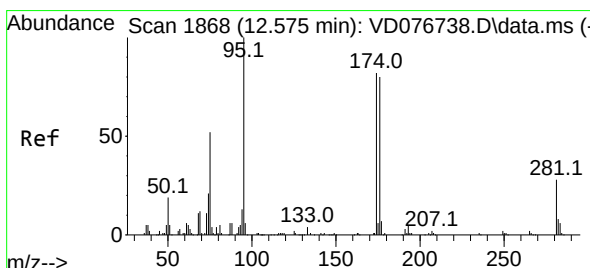
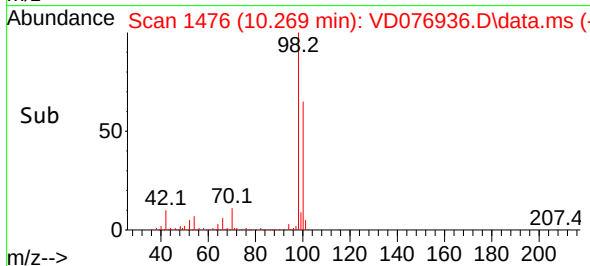
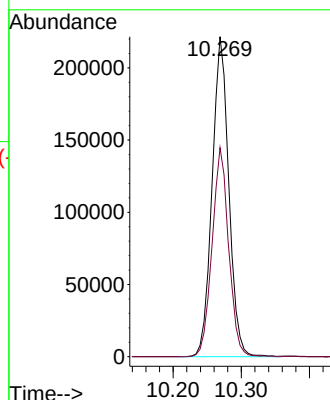
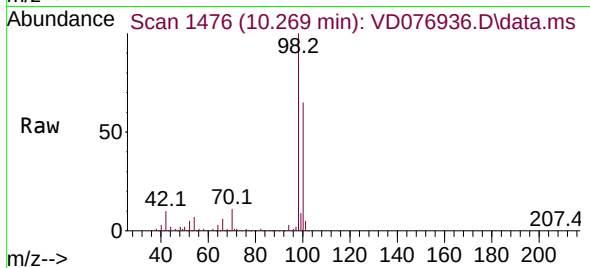




#50
Toluene-d8
Concen: 55.613 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

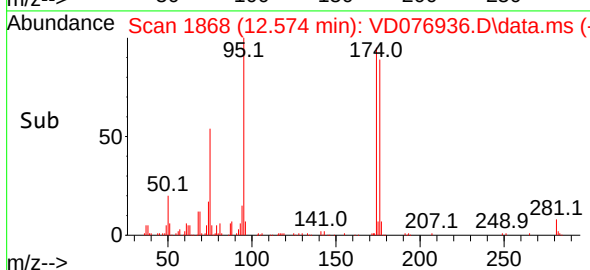
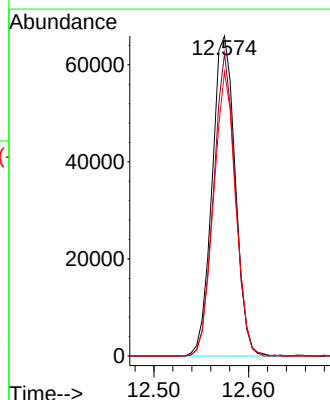
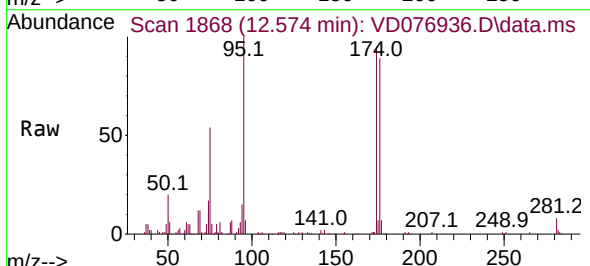
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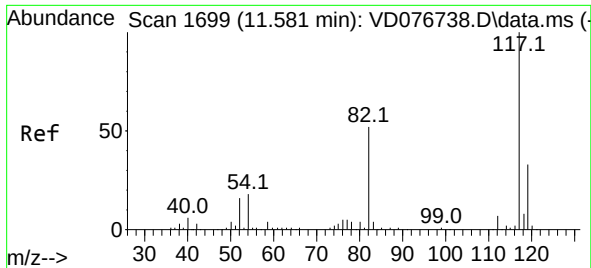
Tgt Ion: 98 Resp: 377801
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.777 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Tgt Ion: 95 Resp: 111590
Ion Ratio Lower Upper
95 100
174 89.2 0.0 201.8
176 84.9 0.0 191.8

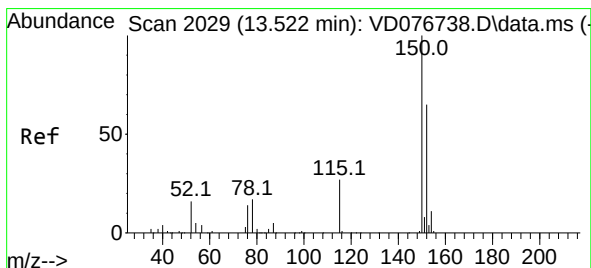
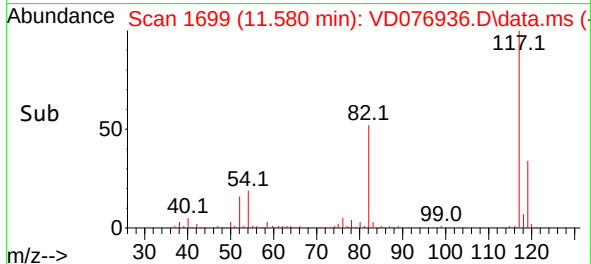
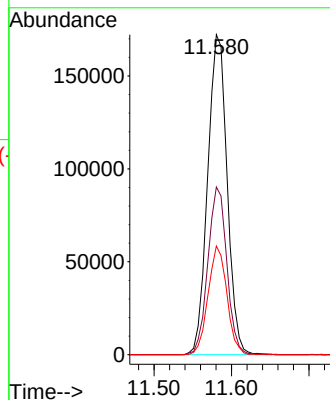
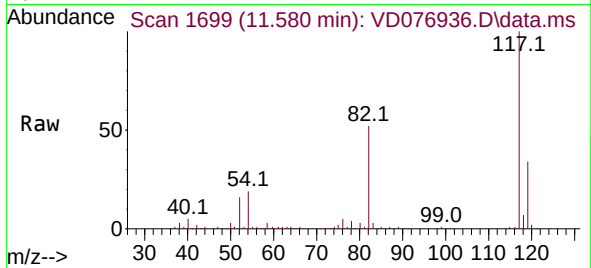




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Instrument :
MSVOA_D
ClientSampleId :
B-PP05A

Tgt Ion:117 Resp: 300278
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 34.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Tgt Ion:152 Resp: 130961
Ion Ratio Lower Upper
152 100
115 59.4 27.1 81.3
150 160.7 0.0 353.6

