

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077063.D
 Acq On : 29 Aug 2023 15:48
 Operator : JC/SY
 Sample : 04197-03
 Misc : 5.14G/5.4ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-309-OK-370-VOC-20

Quant Time: Aug 29 21:00:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

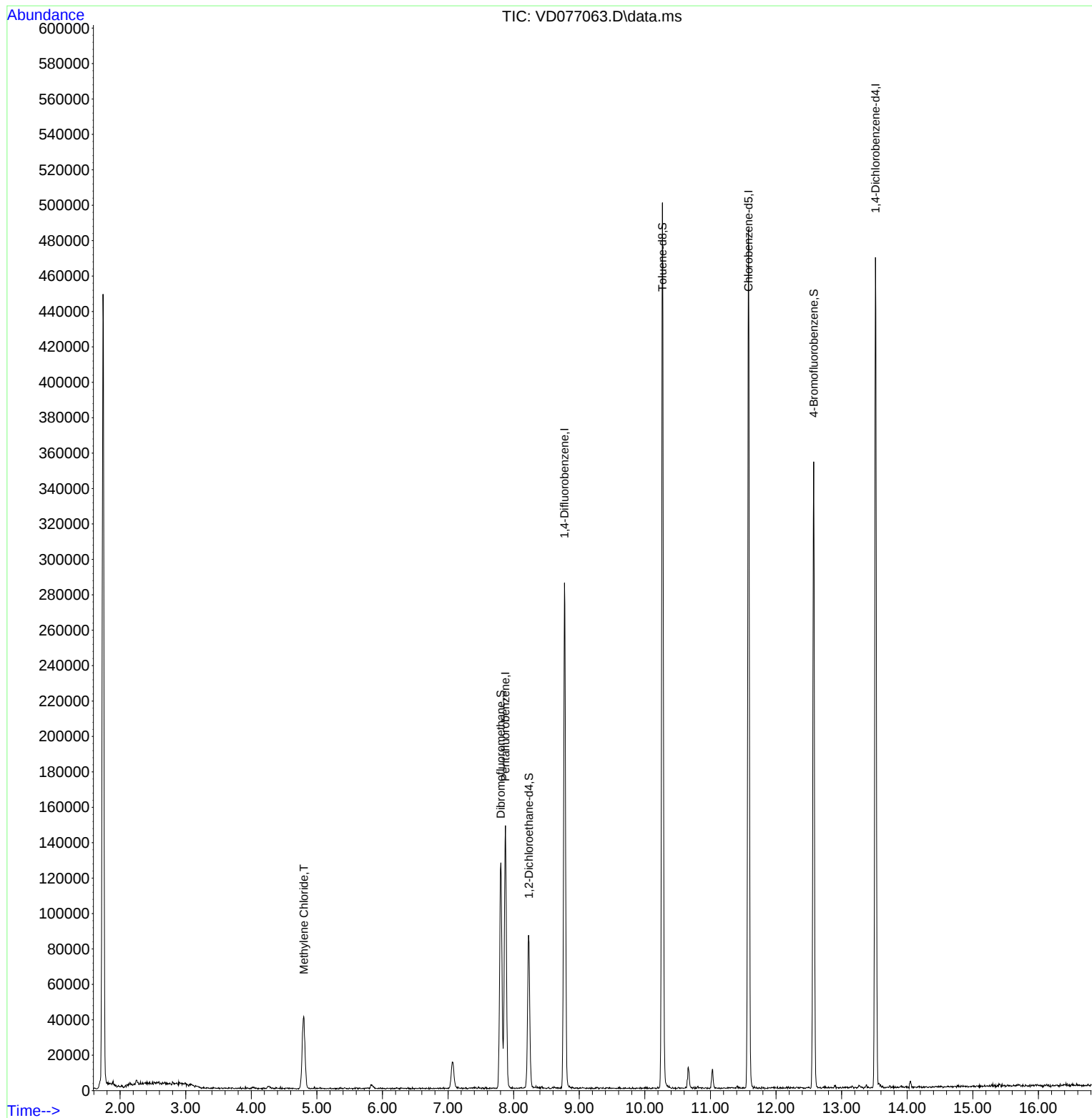
Internal Standards						
1) Pentafluorobenzene	7.875	168	115474	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	262177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68177	59.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.940%	
35) Dibromofluoromethane	7.804	113	94641	54.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.060%	
50) Toluene-d8	10.269	98	352572	55.641	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.280%	
62) 4-Bromofluorobenzene	12.575	95	104043	55.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.380%	
Target Compounds						
20) Methylene Chloride	4.805	84	33332	18.002	ug/l	Qvalue 95

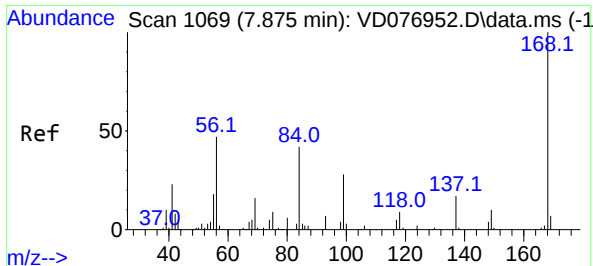
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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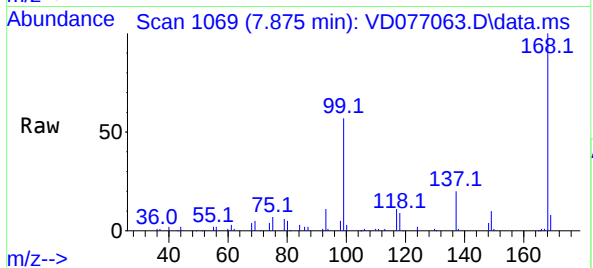
Quant Time: Aug 29 21:00:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



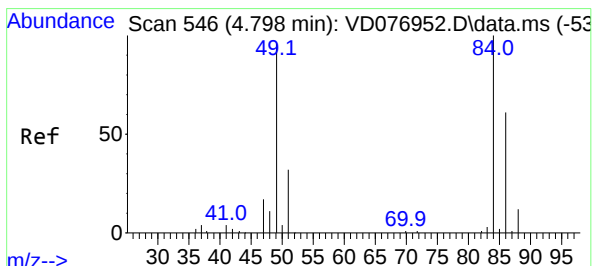
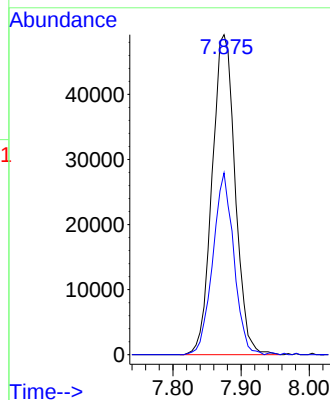
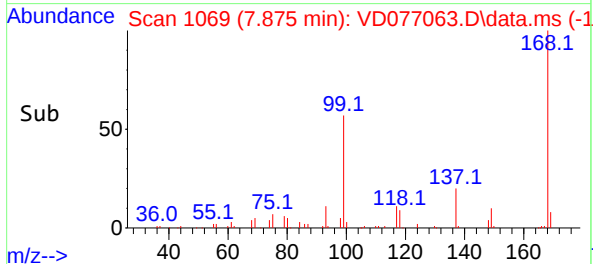


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077063.D
Acq: 29 Aug 2023 15:48

Instrument :
MSVOA_D
ClientSampleId :
OR-309-OK-370-VOC-20

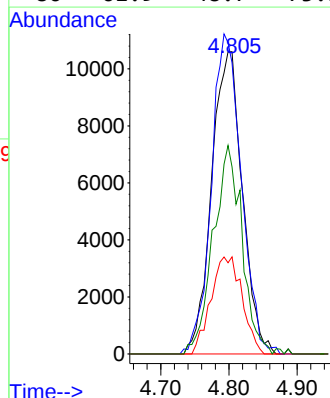
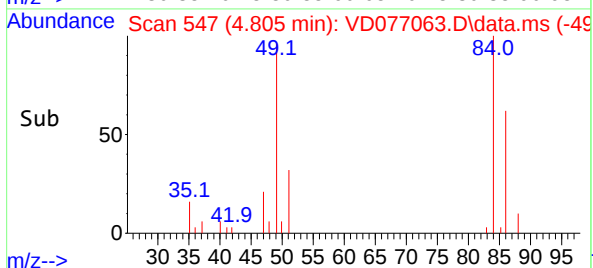
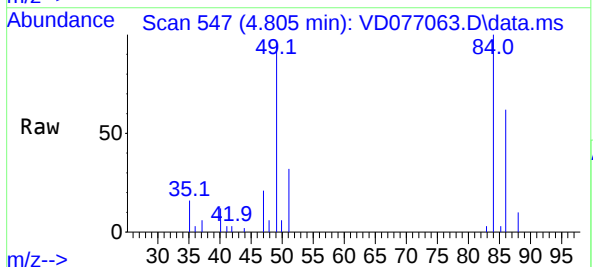


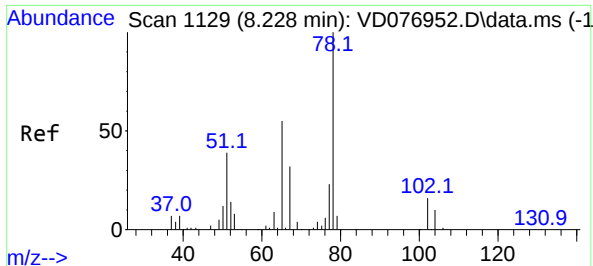
Tgt Ion:168 Resp: 115474
Ion Ratio Lower Upper
168 100
99 56.8 36.7 55.1#



#20
Methylene Chloride
Concen: 18.002 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.007 min
Lab File: VD077063.D
Acq: 29 Aug 2023 15:48

Tgt Ion: 84 Resp: 33332
Ion Ratio Lower Upper
84 100
49 96.3 71.4 107.2
51 32.1 24.5 36.7
86 61.9 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 59.967 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077063.D

Acq: 29 Aug 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

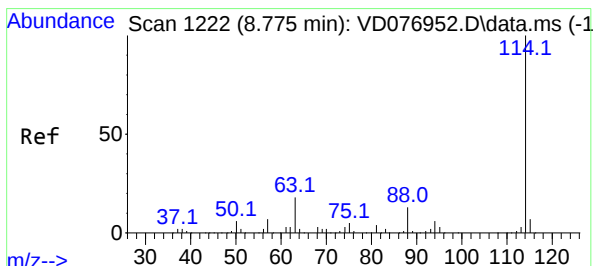
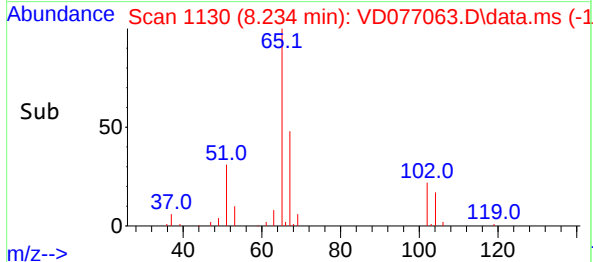
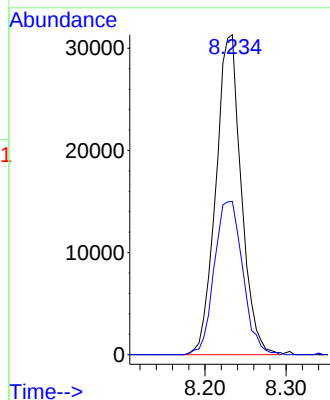
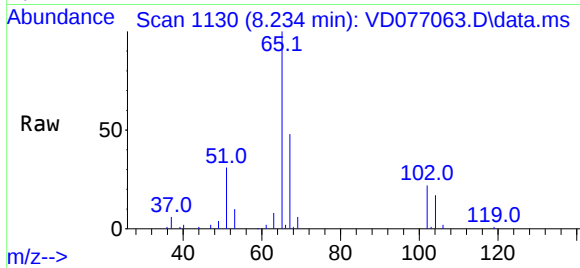
OR-309-OK-370-VOC-20

Tgt Ion: 65 Resp: 68177

Ion Ratio Lower Upper

65 100

67 53.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD077063.D

Acq: 29 Aug 2023 15:48

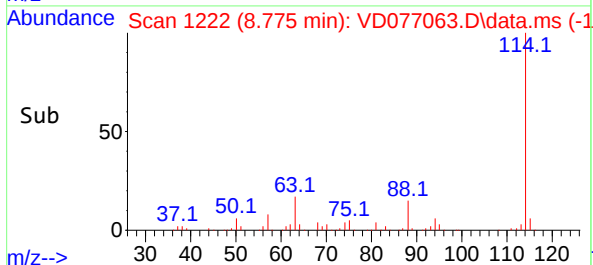
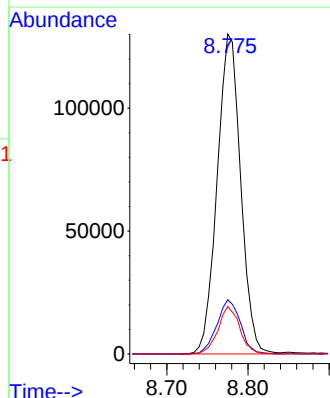
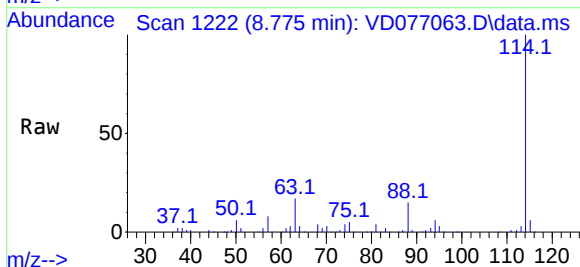
Tgt Ion:114 Resp: 262177

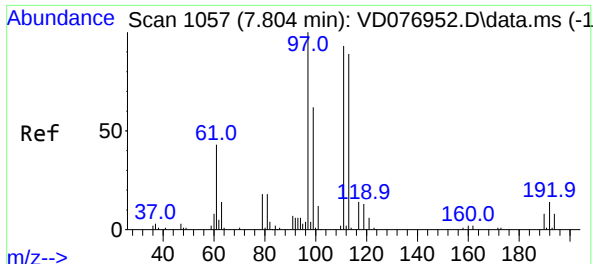
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 14.8 0.0 26.2

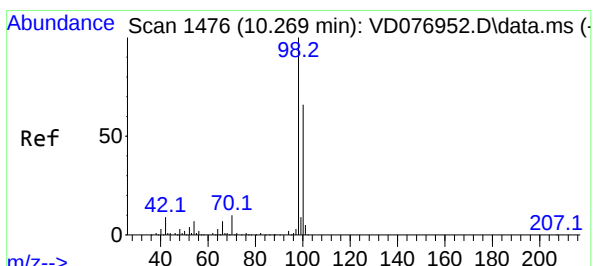
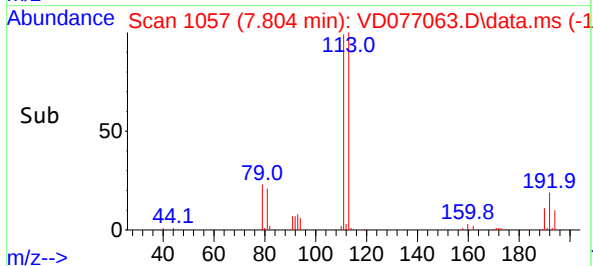
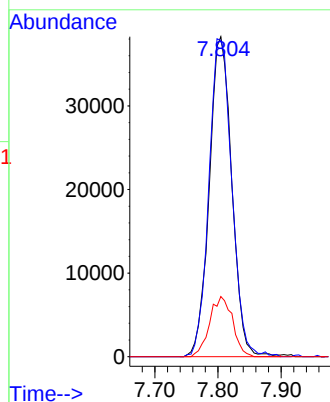
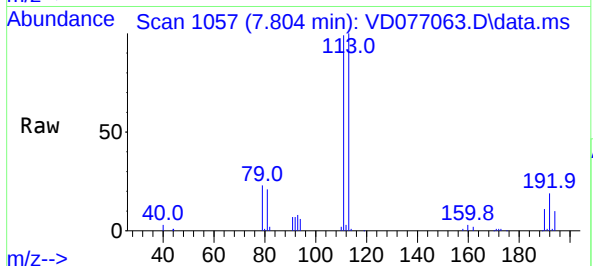




#35
Dibromofluoromethane
Concen: 54.034 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077063.D
Acq: 29 Aug 2023 15:48

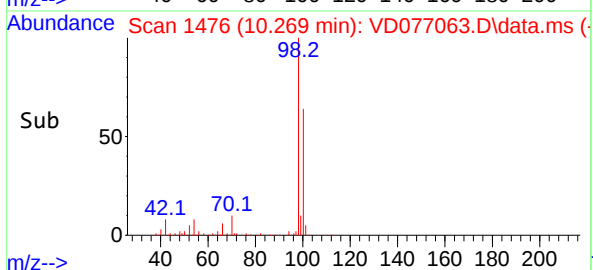
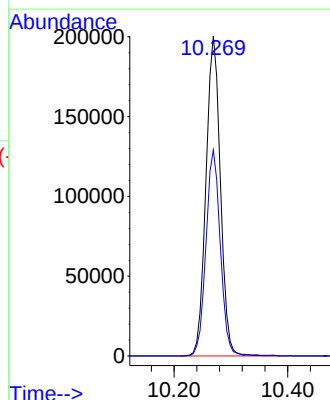
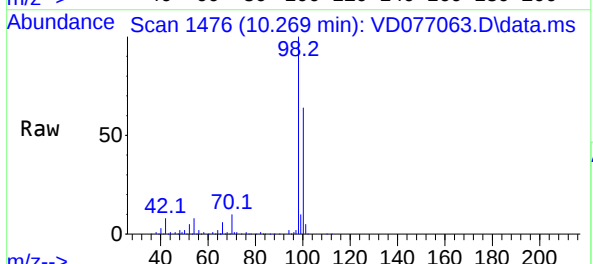
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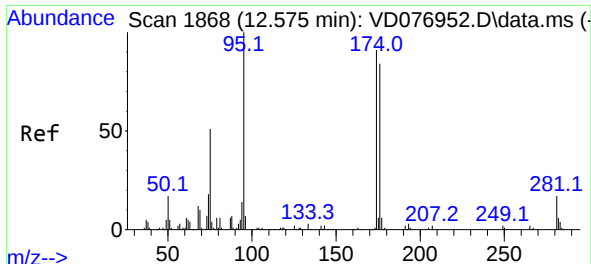
Tgt Ion:113 Resp: 94641
Ion Ratio Lower Upper
113 100
111 101.5 84.7 127.1
192 19.2 16.8 25.2



#50
Toluene-d8
Concen: 55.641 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077063.D
Acq: 29 Aug 2023 15:48

Tgt Ion: 98 Resp: 352572
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5

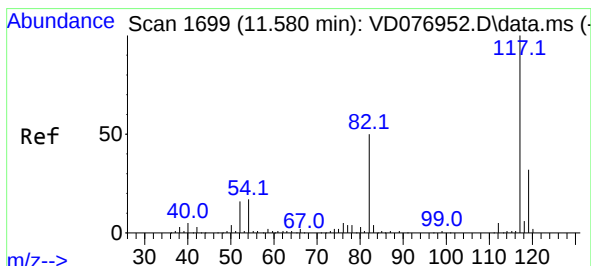
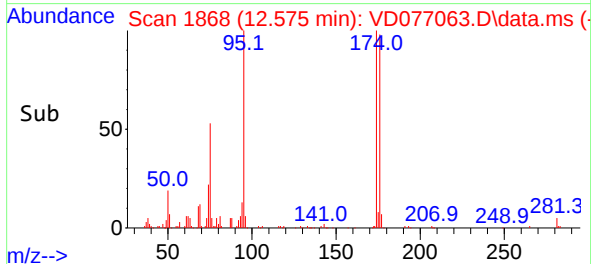
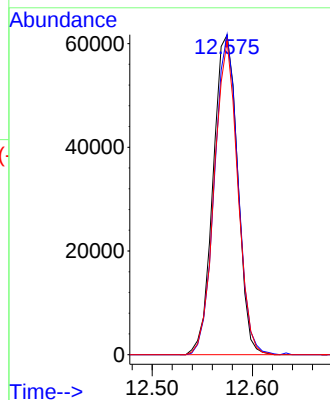
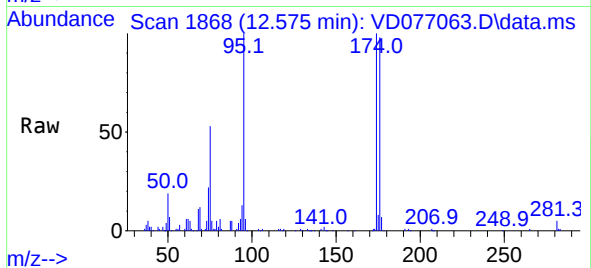




#62
4-Bromofluorobenzene
Concen: 55.691 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077063.D
Acq: 29 Aug 2023 15:48

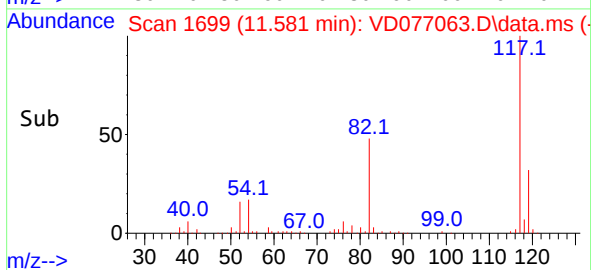
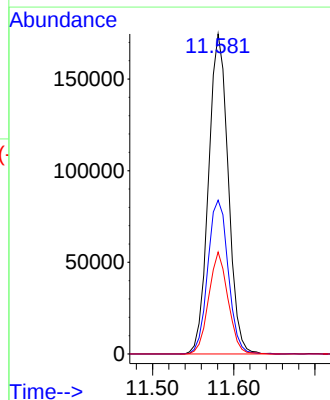
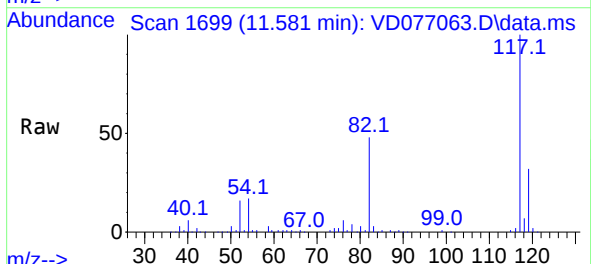
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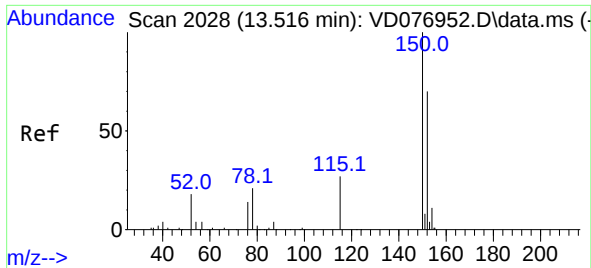
Tgt Ion: 95 Resp: 104043
Ion Ratio Lower Upper
95 100
174 96.0 0.0 201.8
176 93.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077063.D
Acq: 29 Aug 2023 15:48

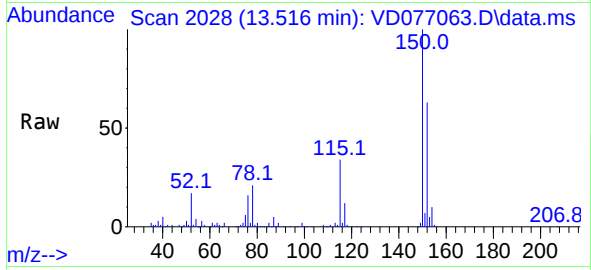
Tgt Ion: 117 Resp: 294034
Ion Ratio Lower Upper
117 100
82 48.0 38.3 57.5
119 31.9 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077063.D
 Acq: 29 Aug 2023 15:48

Instrument :
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 OR-309-OK-370-VOC-20



Tgt Ion:152 Resp: 131845

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.1	81.3
150	157.5	0.0	353.6

