

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077483.D
 Acq On : 01 Nov 2023 16:22
 Operator : JC/SY
 Sample : 05171-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-103123

Quant Time: Nov 02 00:57:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

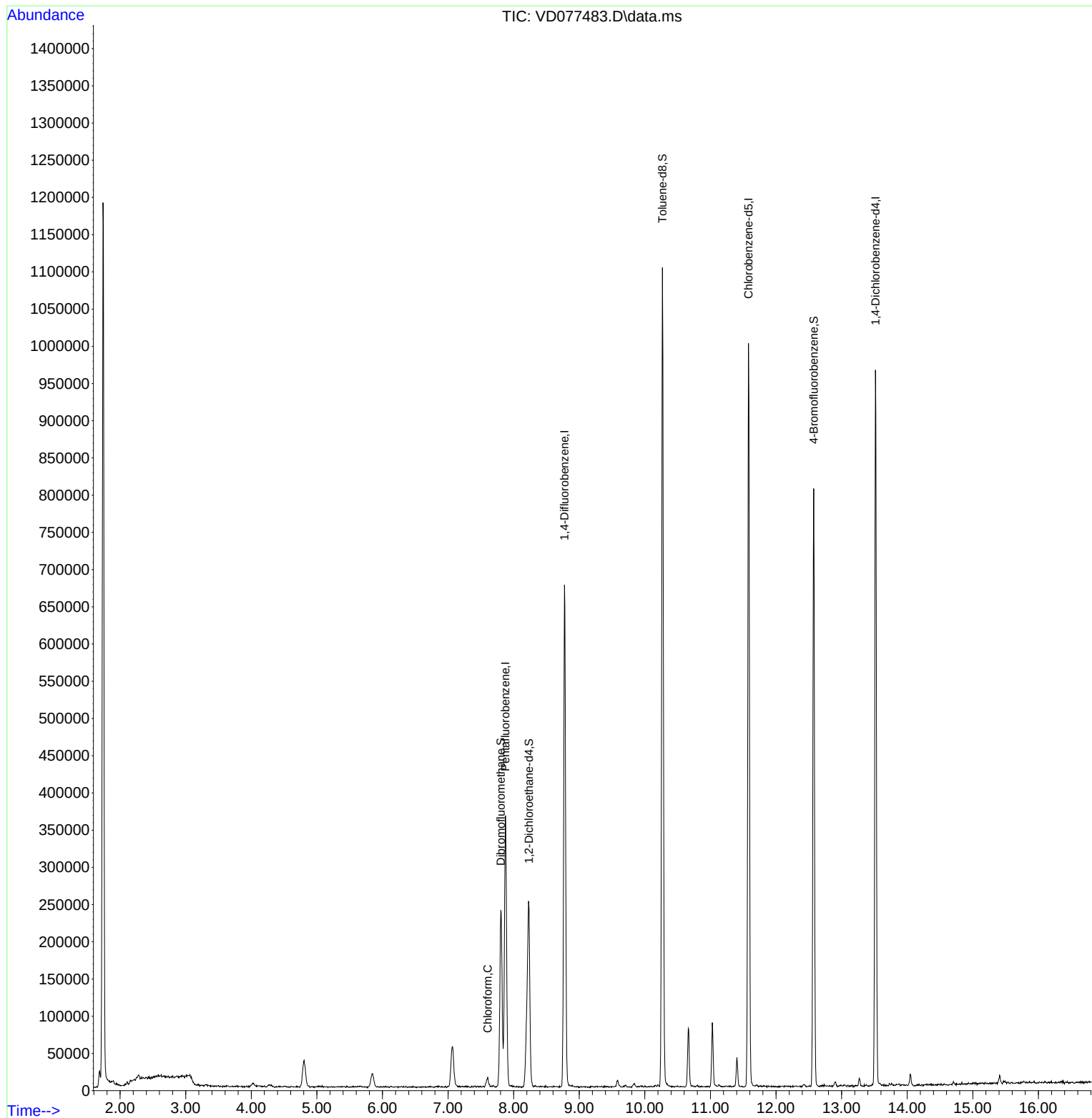
Internal Standards						
1) Pentafluorobenzene	7.875	168	261998	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	543444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	522742	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	231836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	180069	48.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.200%
35) Dibromofluoromethane	7.804	113	172585	45.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.900%
50) Toluene-d8	10.269	98	718580	49.253	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.575	95	239876	48.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.640%
Target Compounds						
					Qvalue	
30) Chloroform	7.604	83	10887	1.674	ug/l	93

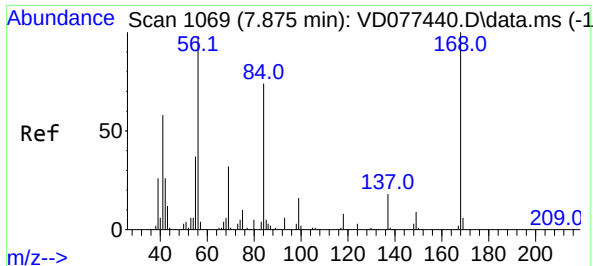
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

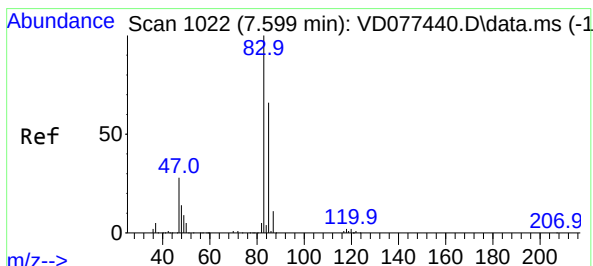
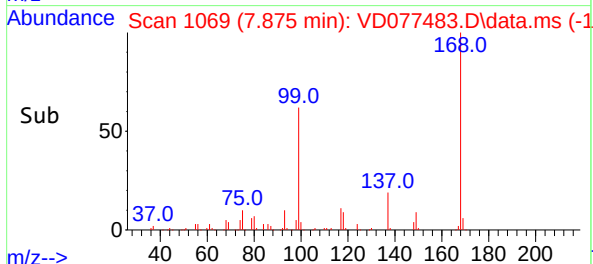
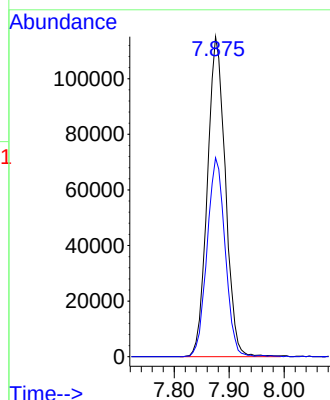
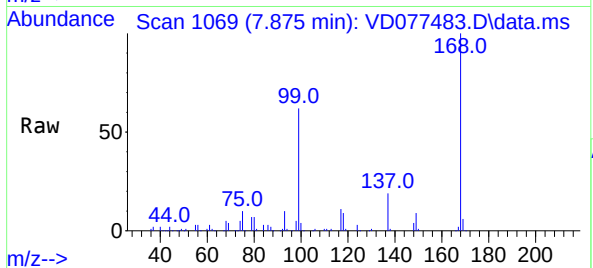
TR-05-103123

Tgt Ion:168 Resp: 261998

Ion Ratio Lower Upper

168 100

99 62.2 36.7 55.1#



Chloroform

Concen: 1.674 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD077483.D

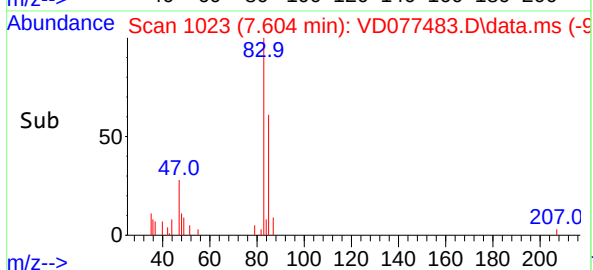
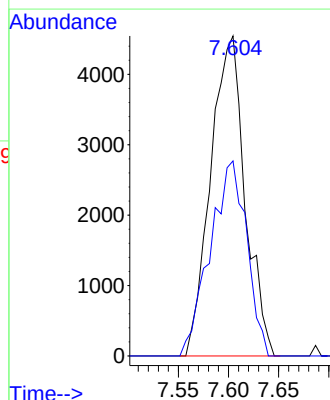
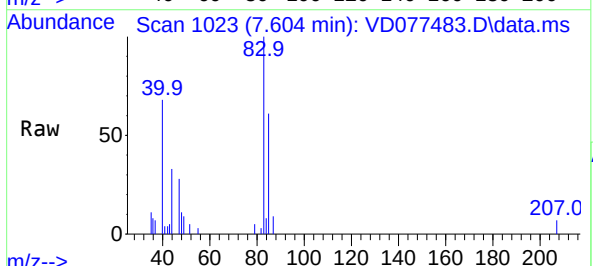
Acq: 01 Nov 2023 16:22

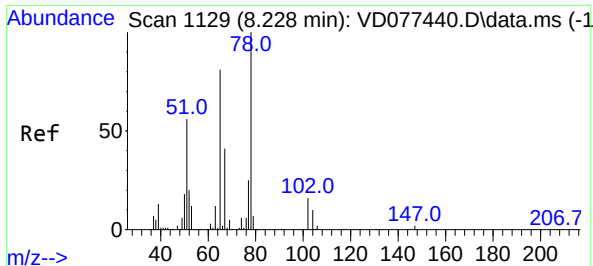
Tgt Ion: 83 Resp: 10887

Ion Ratio Lower Upper

83 100

85 61.0 53.4 80.2

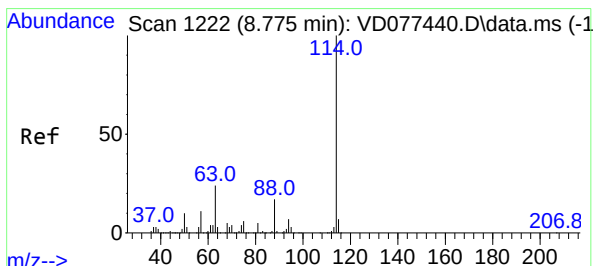
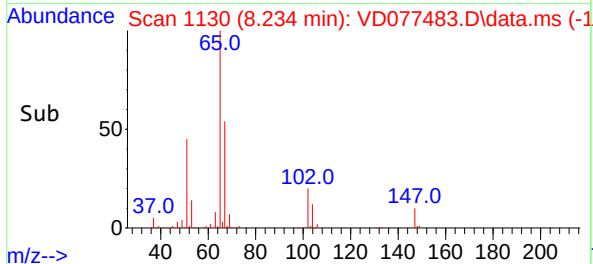
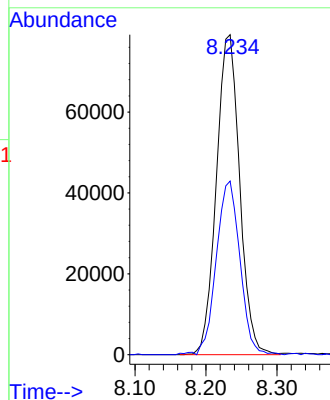
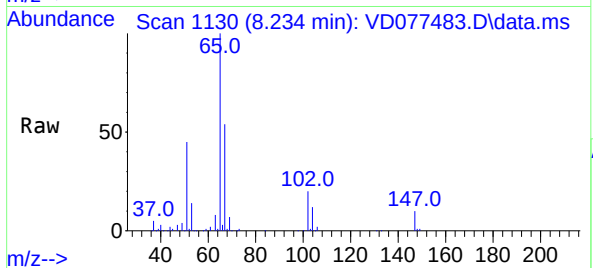




#33
1,2-Dichloroethane-d4
Concen: 48.605 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077483.D
Acq: 01 Nov 2023 16:22

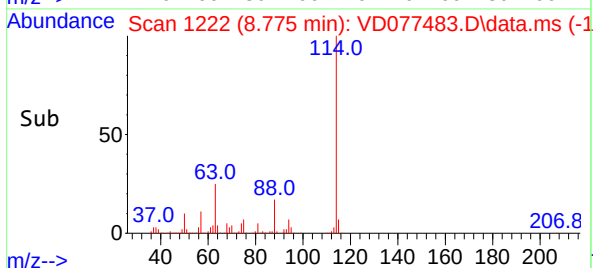
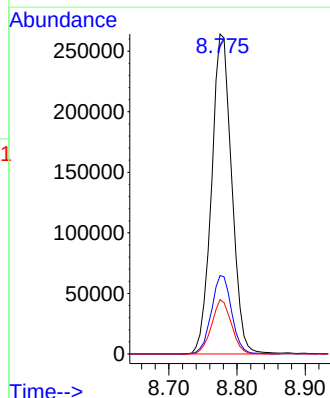
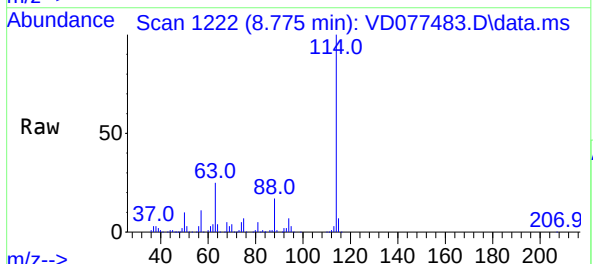
Instrument :
MSVOA_D
ClientSampleId :
TR-05-103123

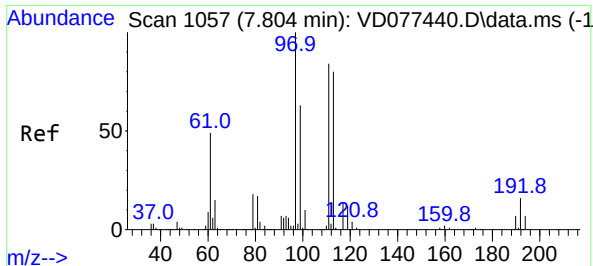
Tgt Ion: 65 Resp: 180069
Ion Ratio Lower Upper
65 100
67 55.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077483.D
Acq: 01 Nov 2023 16:22

Tgt Ion: 114 Resp: 543444
Ion Ratio Lower Upper
114 100
63 24.5 0.0 33.4
88 17.0 0.0 26.2

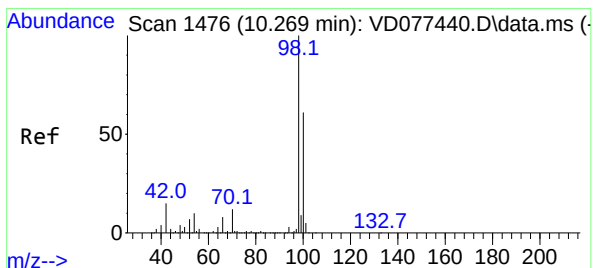
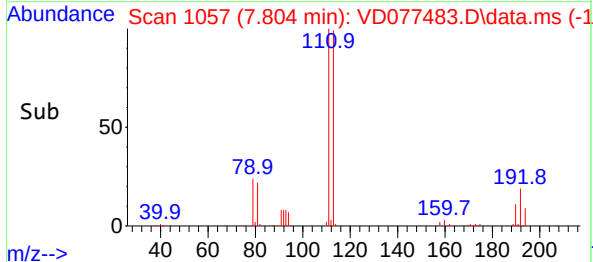
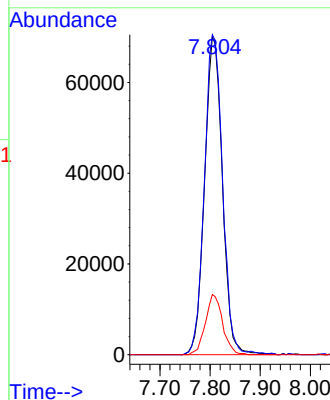
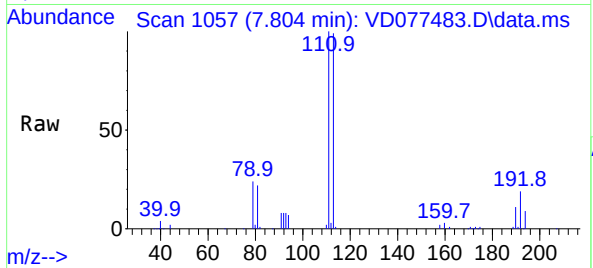




#35
Dibromofluoromethane
Concen: 45.948 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077483.D
Acq: 01 Nov 2023 16:22

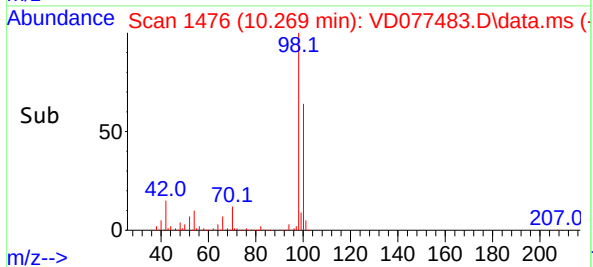
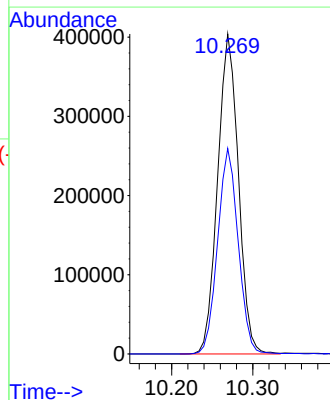
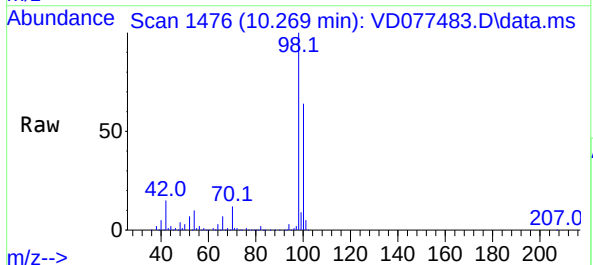
Instrument :
MSVOA_D
ClientSampleId :
TR-05-103123

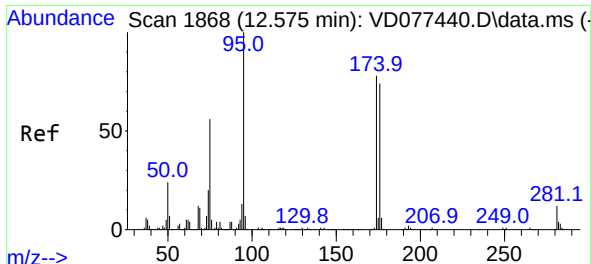
Tgt Ion:113 Resp: 172585
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 18.3 16.8 25.2



#50
Toluene-d8
Concen: 49.253 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077483.D
Acq: 01 Nov 2023 16:22

Tgt Ion: 98 Resp: 718580
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5

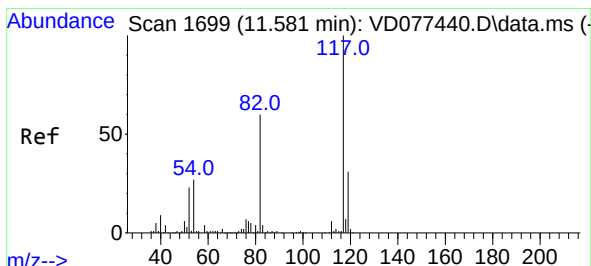
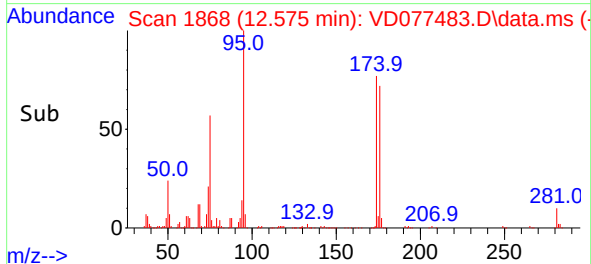
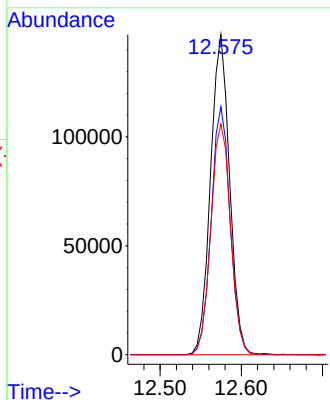
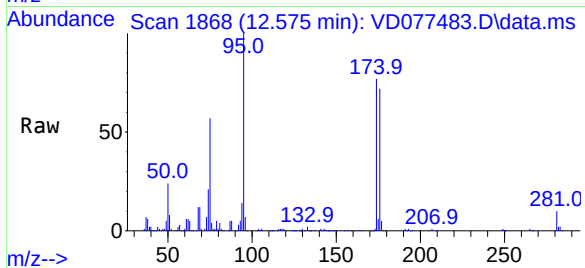




#62
4-Bromofluorobenzene
Concen: 48.816 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077483.D
Acq: 01 Nov 2023 16:22

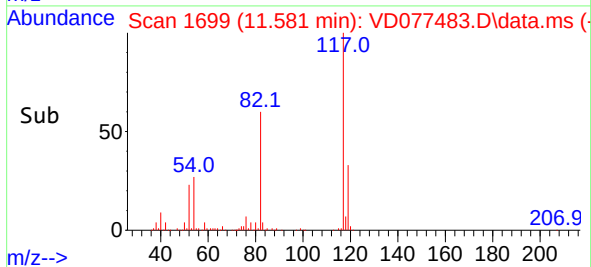
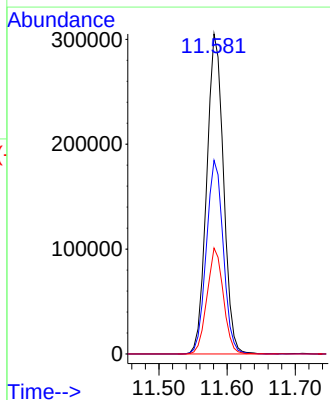
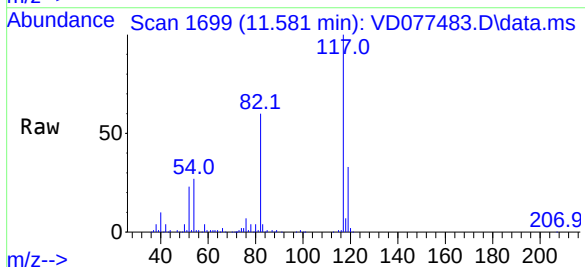
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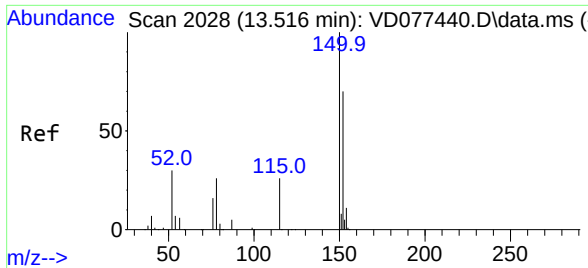
Tgt Ion: 95 Resp: 239876
Ion Ratio Lower Upper
95 100
174 76.8 0.0 201.8
176 74.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077483.D
Acq: 01 Nov 2023 16:22

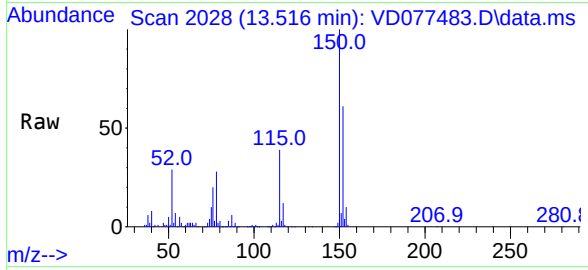
Tgt Ion: 117 Resp: 522742
Ion Ratio Lower Upper
117 100
82 60.5 38.3 57.5#
119 33.1 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077483.D
 Acq: 01 Nov 2023 16:22

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-103123



Tgt Ion:152 Resp: 231836
 Ion Ratio Lower Upper
 152 100
 115 62.0 27.1 81.3
 150 161.3 0.0 353.6

