

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077482.D
 Acq On : 01 Nov 2023 15:55
 Operator : JC/SY
 Sample : 05172-01
 Misc : 2.13G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-103123

Quant Time: Nov 02 00:56:44 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)

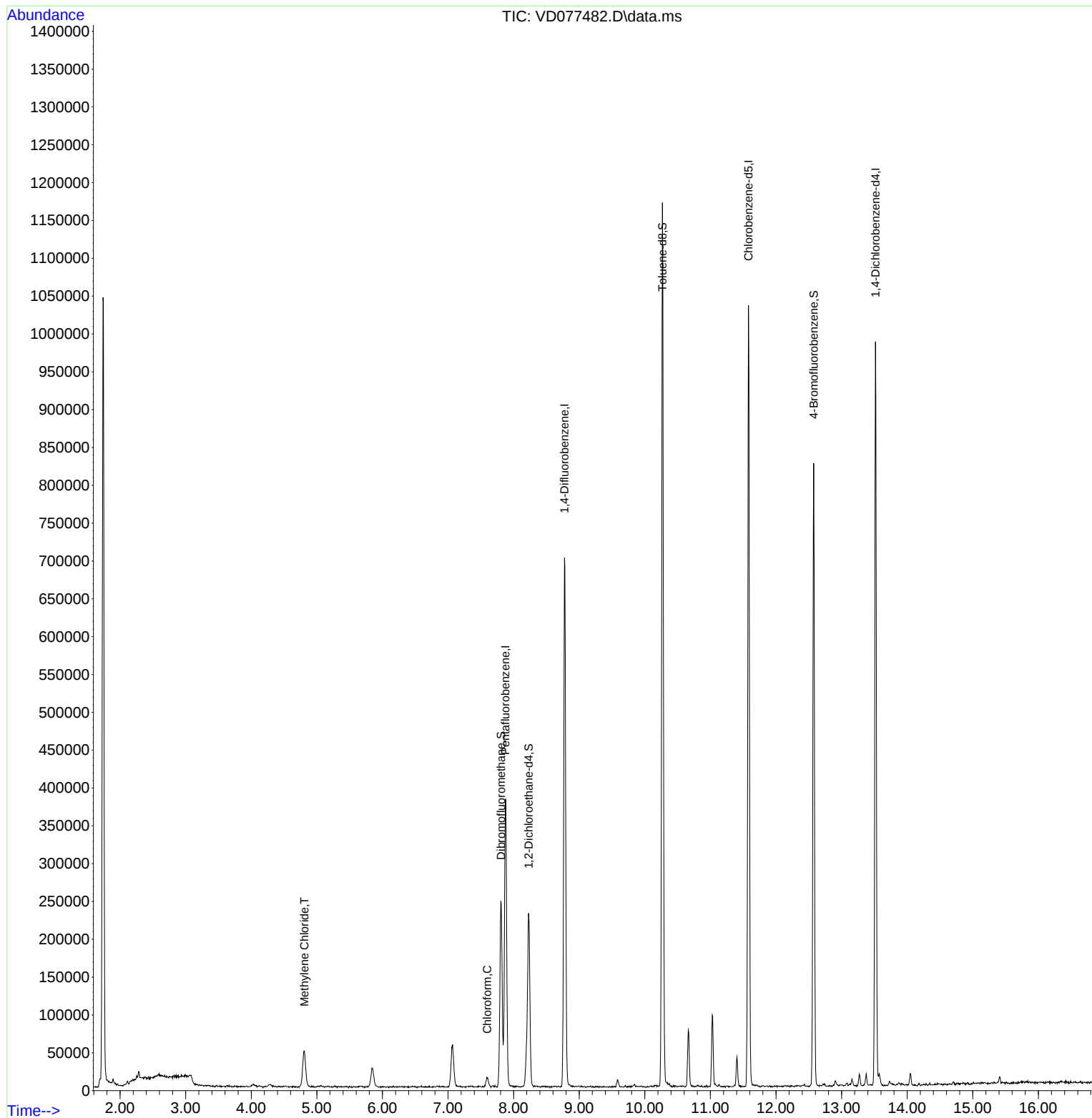
Internal Standards						
1) Pentafluorobenzene	7.875	168	281273	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	575545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	540381	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	239507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	174177	43.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.580%
35) Dibromofluoromethane	7.810	113	179018	45.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.000%
50) Toluene-d8	10.269	98	754252	48.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.575	95	246107	47.291	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.580%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	32841	6.182	ug/l	# 64
30) Chloroform	7.599	83	11633	1.666	ug/l	83

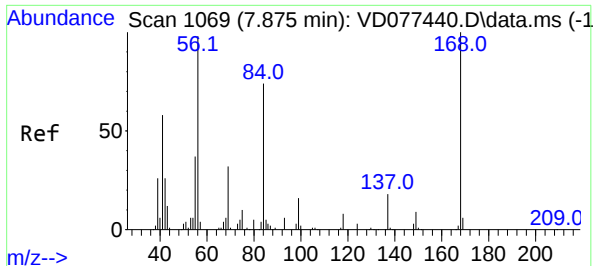
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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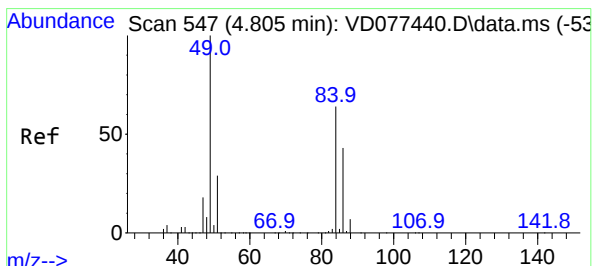
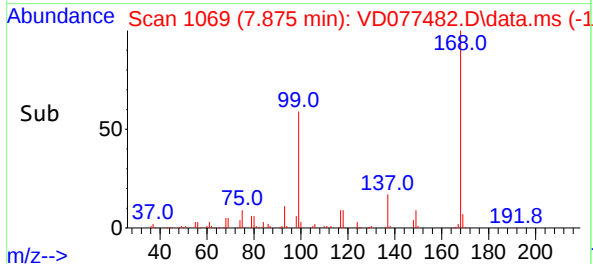
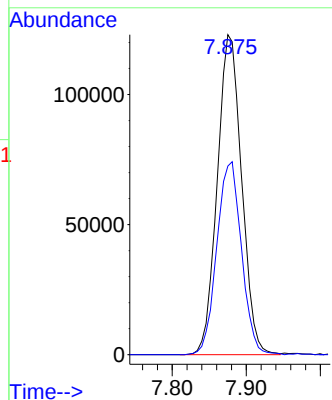
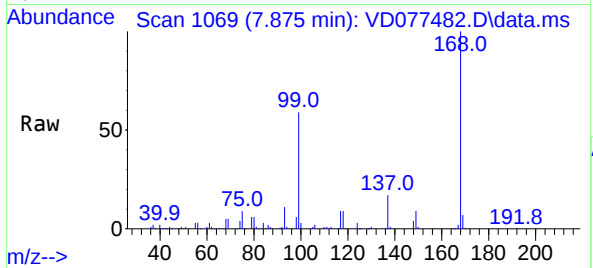




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077482.D
Acq: 01 Nov 2023 15:55

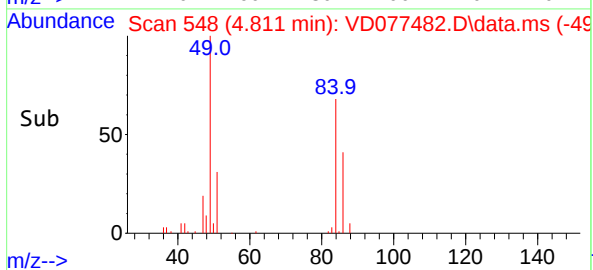
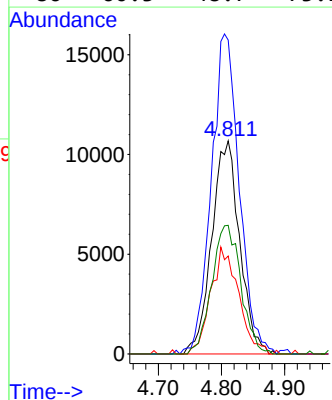
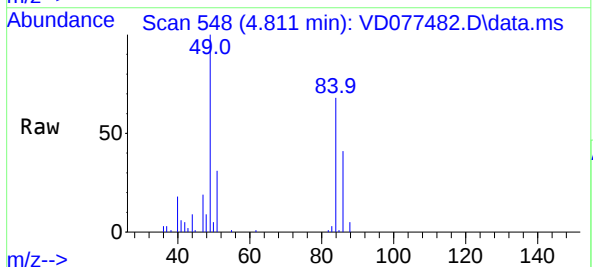
Instrument :
MSVOA_D
ClientSampleId :
AU-05-103123

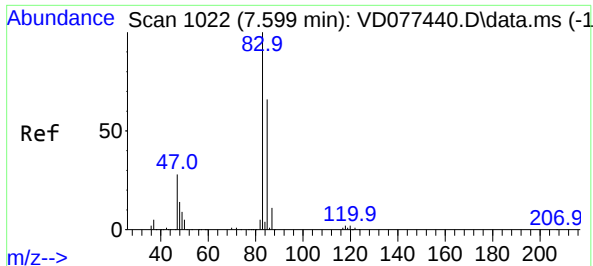
Tgt Ion:168 Resp: 281273
Ion Ratio Lower Upper
168 100
99 58.9 36.7 55.1#



#20
Methylene Chloride
Concen: 6.182 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077482.D
Acq: 01 Nov 2023 15:55

Tgt Ion: 84 Resp: 32841
Ion Ratio Lower Upper
84 100
49 147.3 71.4 107.2#
51 45.9 24.5 36.7#
86 60.3 48.7 73.1

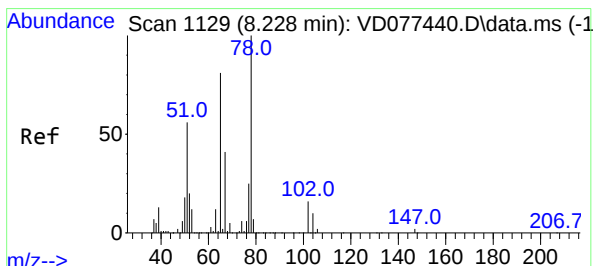
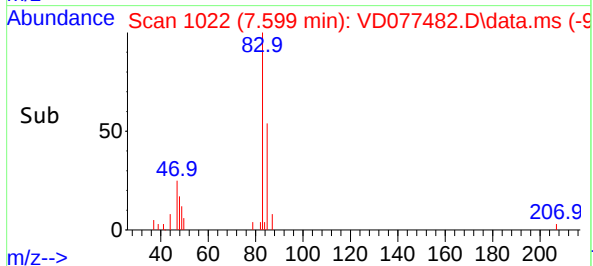
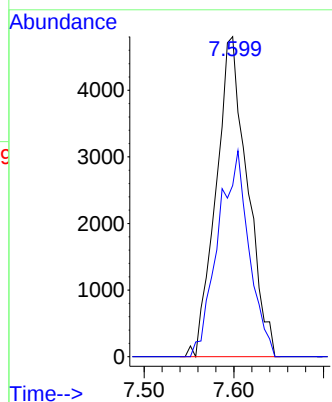
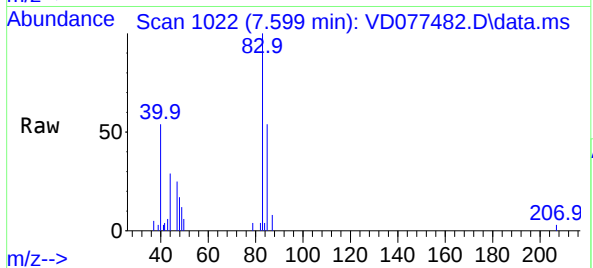




#30
Chloroform
Concen: 1.666 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD077482.D
Acq: 01 Nov 2023 15:55

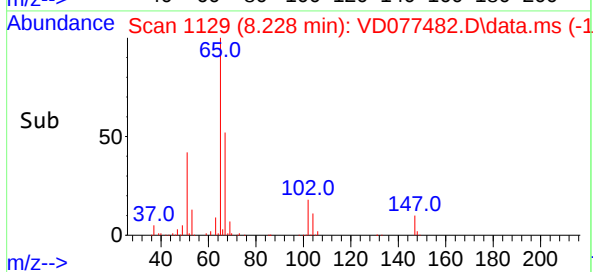
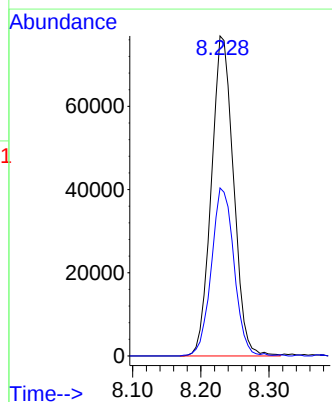
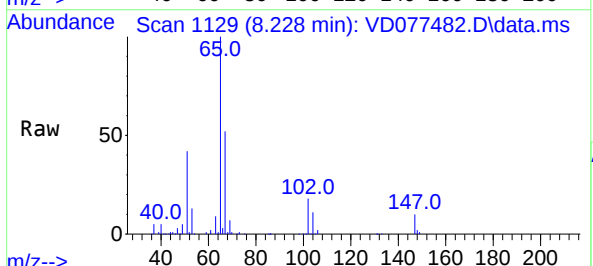
Instrument :
MSVOA_D
ClientSampleId :
AU-05-103123

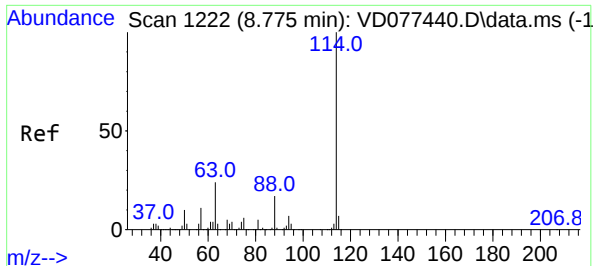
Tgt Ion: 83 Resp: 11633
Ion Ratio Lower Upper
83 100
85 53.5 53.4 80.2



#33
1,2-Dichloroethane-d4
Concen: 43.792 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077482.D
Acq: 01 Nov 2023 15:55

Tgt Ion: 65 Resp: 174177
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077482.D

Acq: 01 Nov 2023 15:55

Instrument :

MSVOA_D

ClientSampleId :

AU-05-103123

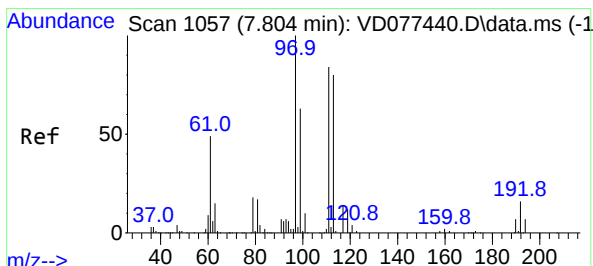
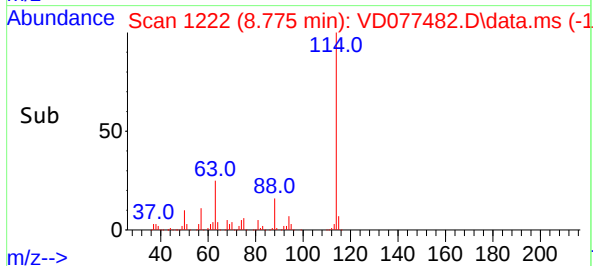
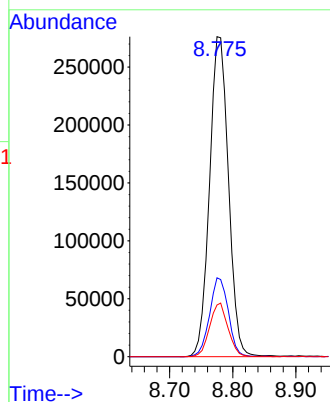
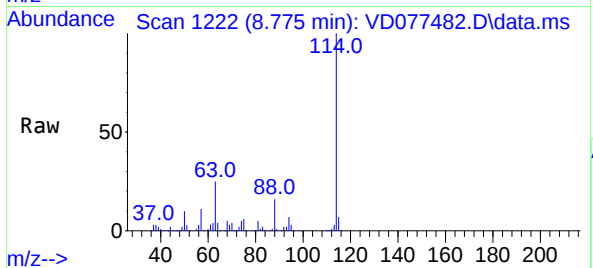
Tgt Ion:114 Resp: 575545

Ion Ratio Lower Upper

114 100

63 24.7 0.0 33.4

88 16.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.003 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077482.D

Acq: 01 Nov 2023 15:55

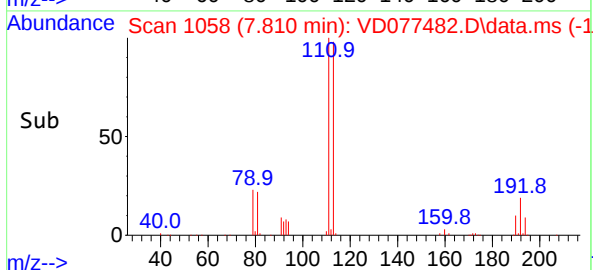
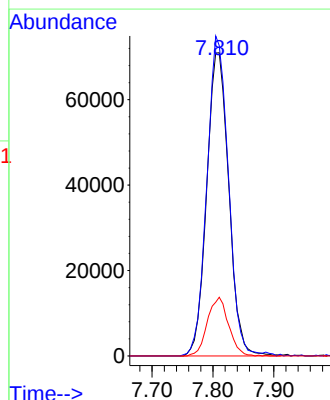
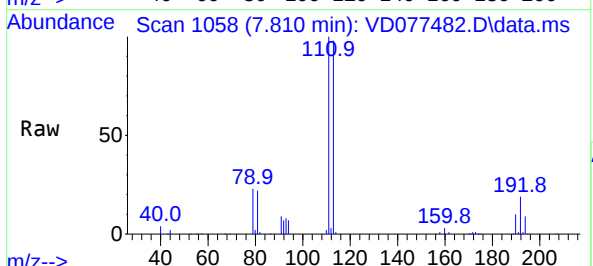
Tgt Ion:113 Resp: 179018

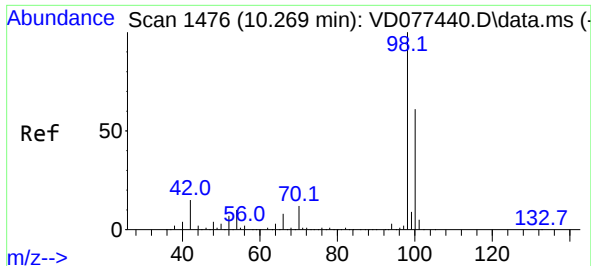
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 18.5 16.8 25.2

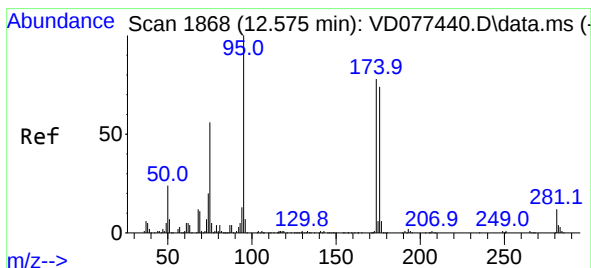
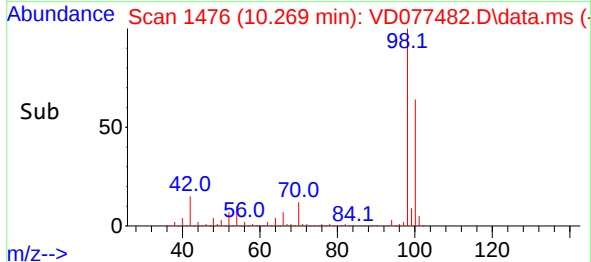
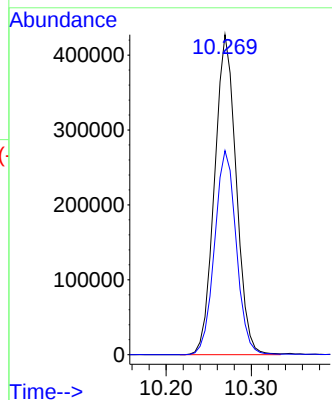
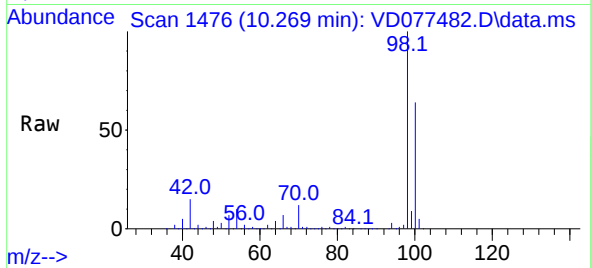




#50
Toluene-d8
Concen: 48.815 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077482.D
Acq: 01 Nov 2023 15:55

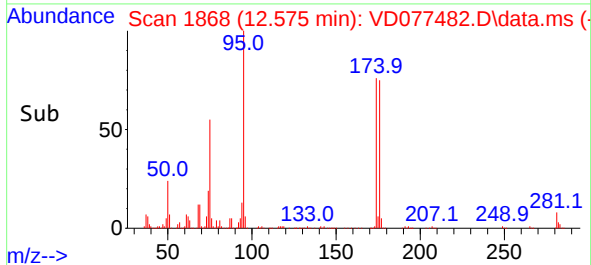
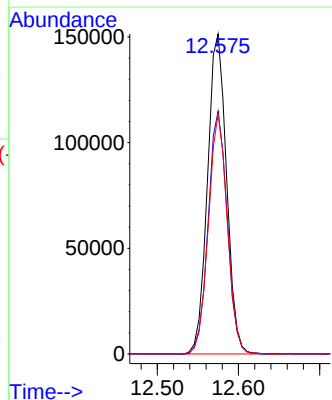
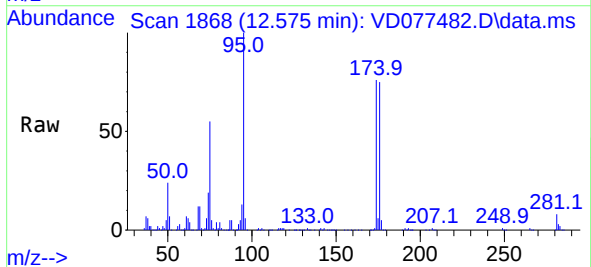
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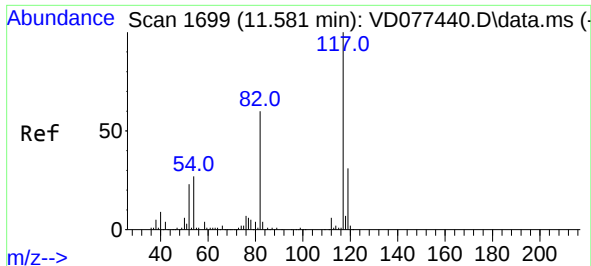
Tgt Ion: 98 Resp: 754252
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.291 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077482.D
Acq: 01 Nov 2023 15:55

Tgt Ion: 95 Resp: 246107
Ion Ratio Lower Upper
95 100
174 75.6 0.0 201.8
176 74.1 0.0 191.8

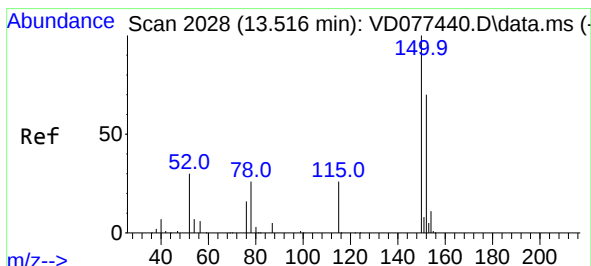
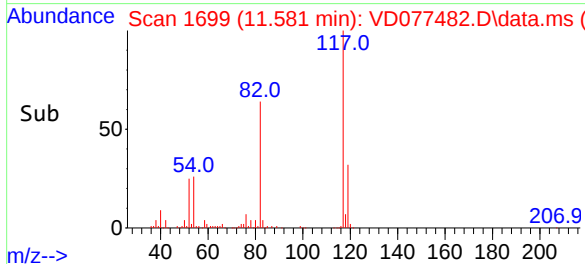
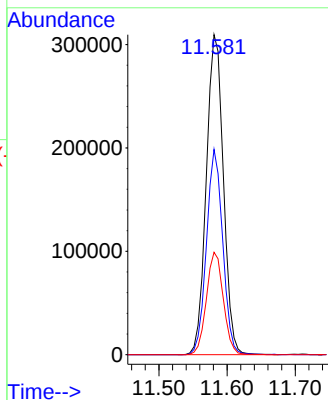
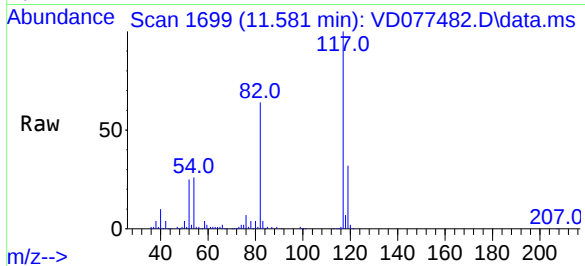




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077482.D
Acq: 01 Nov 2023 15:55

Instrument :
MSVOA_D
ClientSampleId :
AU-05-103123

Tgt Ion:117 Resp: 540381
Ion Ratio Lower Upper
117 100
82 64.1 38.3 57.5#
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077482.D
Acq: 01 Nov 2023 15:55

Tgt Ion:152 Resp: 239507
Ion Ratio Lower Upper
152 100
115 59.1 27.1 81.3
150 157.4 0.0 353.6

