

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076723.D
 Acq On : 12 Jul 2023 10:18
 Operator : KP/SY
 Sample : VD0712SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBL01

Quant Time: Jul 12 10:39:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

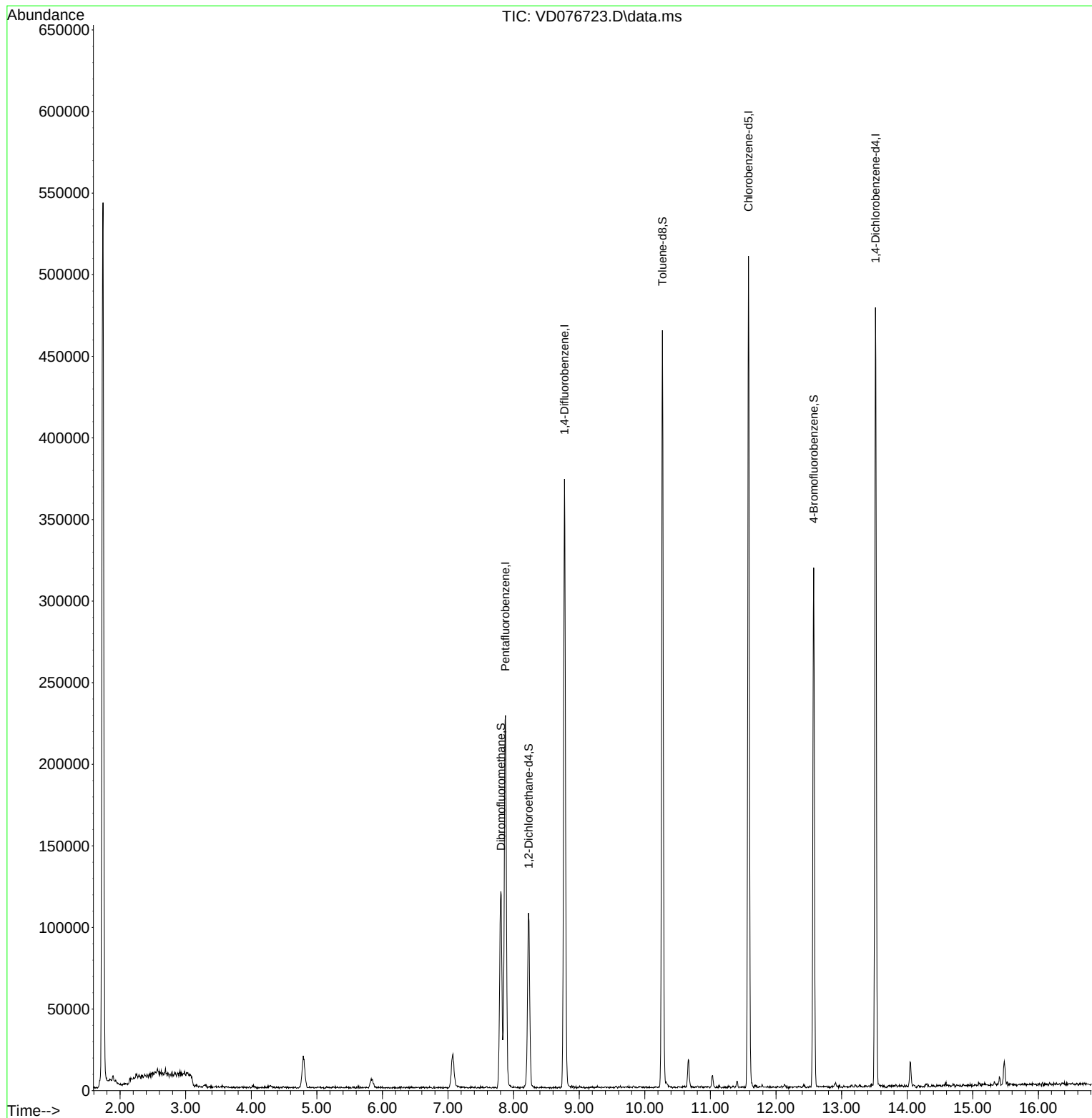
Internal Standards						
1) Pentafluorobenzene	7.875	168	173054	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	328219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82738	47.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.440%
35) Dibromofluoromethane	7.811	113	90582	46.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.920%
50) Toluene-d8	10.269	98	319954	43.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.540%
62) 4-Bromofluorobenzene	12.575	95	92854	38.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.380%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	14415	Below Cal	#	84
28) Bromochloromethane	7.581	49	62	Below Cal	#	1

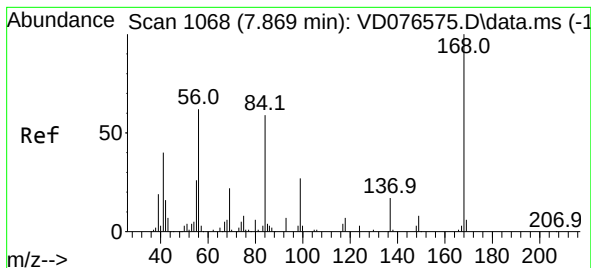
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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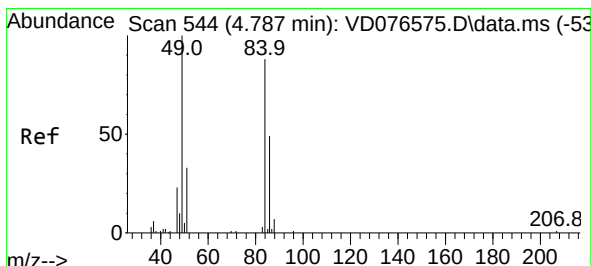
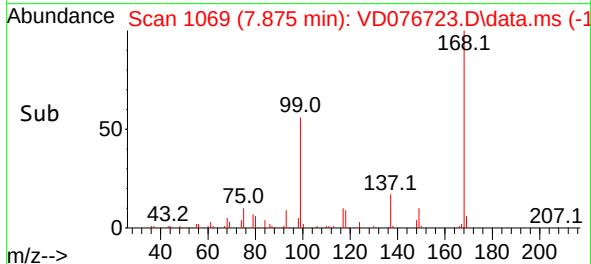
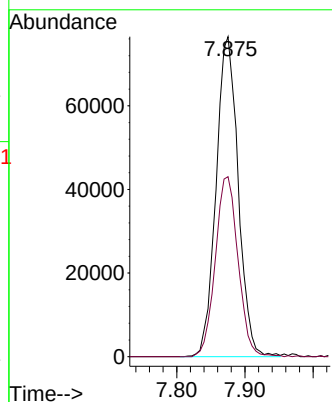
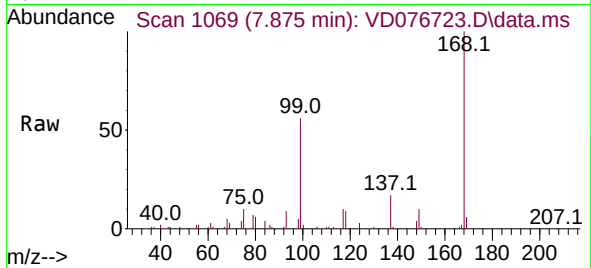




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076723.D
Acq: 12 Jul 2023 10:18

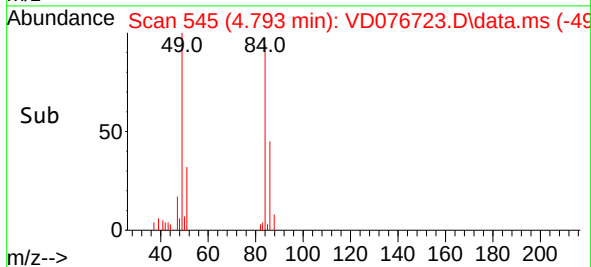
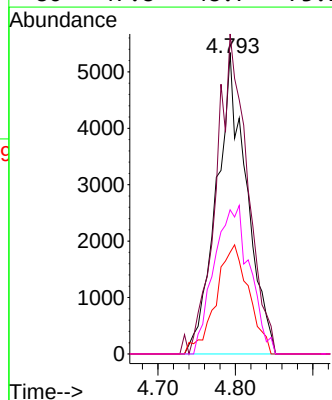
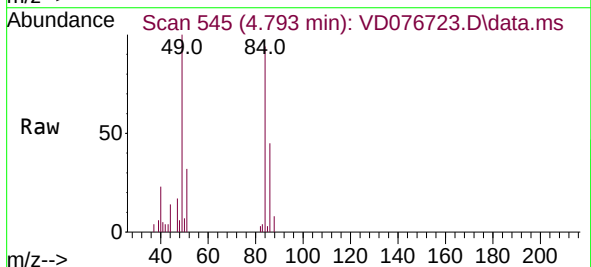
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

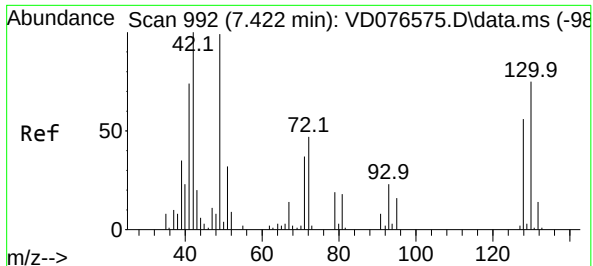
Tgt Ion:168 Resp: 173054
Ion Ratio Lower Upper
168 100
99 56.3 36.7 55.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076723.D
Acq: 12 Jul 2023 10:18

Tgt Ion: 84 Resp: 14415
Ion Ratio Lower Upper
84 100
49 106.1 71.4 107.2
51 33.7 24.5 36.7
86 47.8 48.7 73.1#

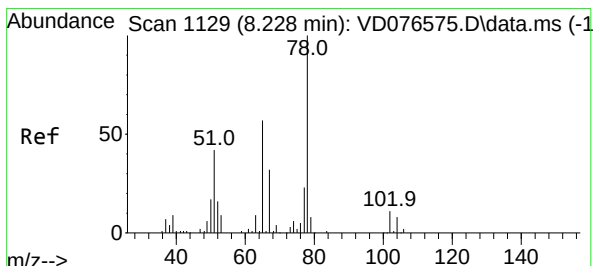
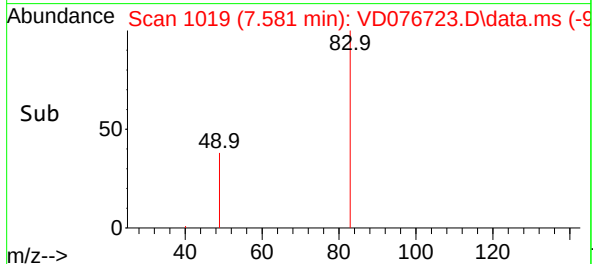
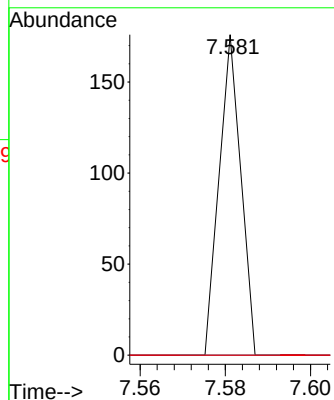
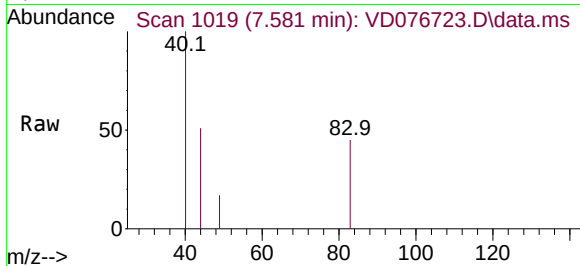




#28
Bromochloromethane
Concen: Below Cal
RT: 7.581 min Scan# 1019
Delta R.T. 0.159 min
Lab File: VD076723.D
Acq: 12 Jul 2023 10:18

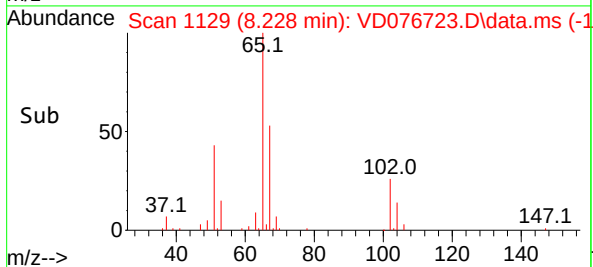
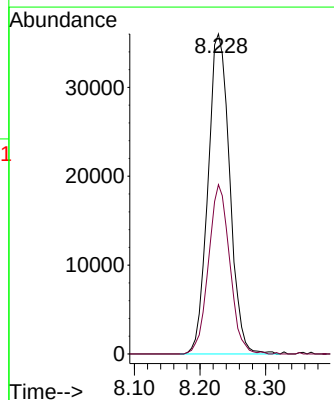
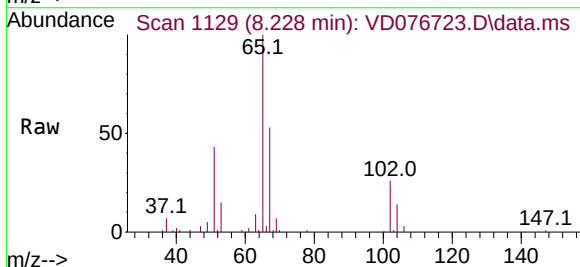
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

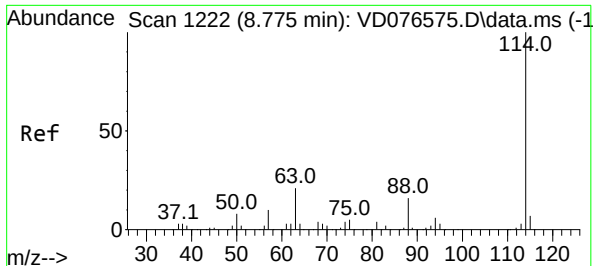
Tgt Ion: 49 Resp: 62
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 47.719 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076723.D
Acq: 12 Jul 2023 10:18

Tgt Ion: 65 Resp: 82738
Ion Ratio Lower Upper
65 100
67 51.9 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: VD076723.D

Acq: 12 Jul 2023 10:18

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBL01

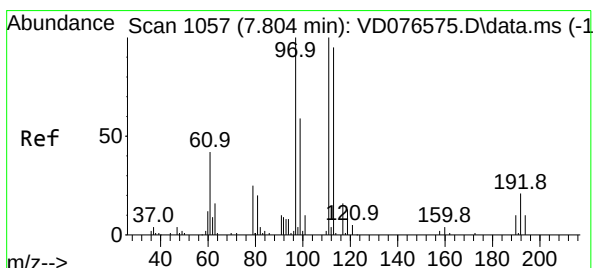
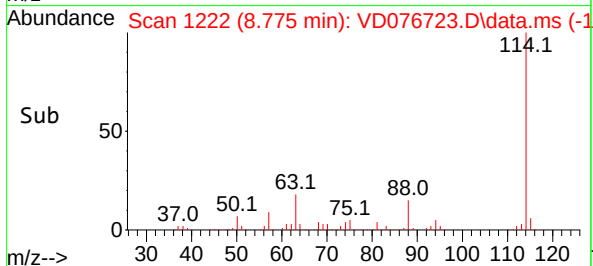
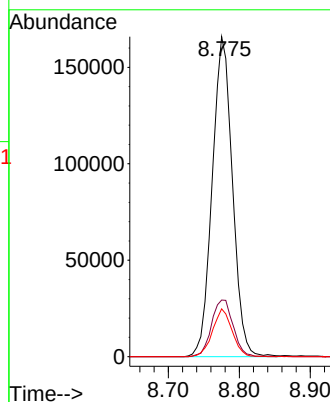
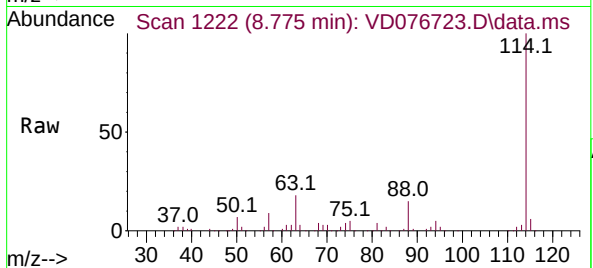
Tgt Ion:114 Resp: 328219

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 14.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.456 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076723.D

Acq: 12 Jul 2023 10:18

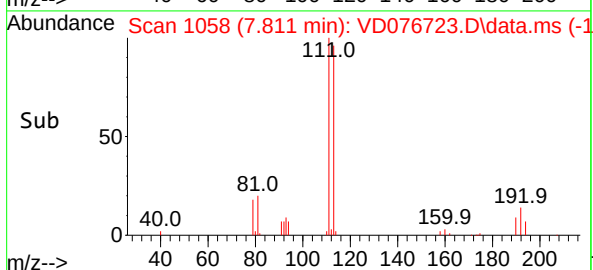
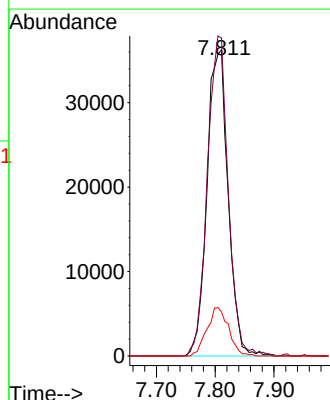
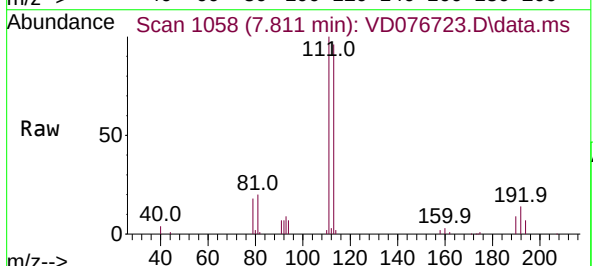
Tgt Ion:113 Resp: 90582

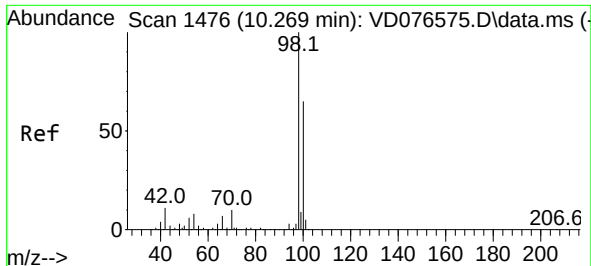
Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

192 16.3 16.8 25.2#

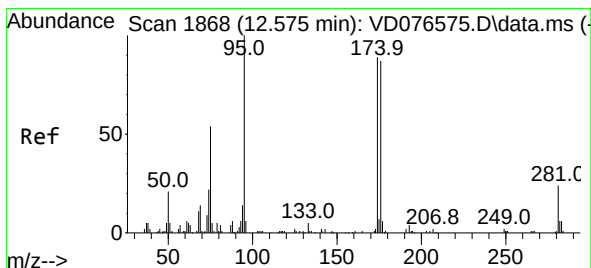
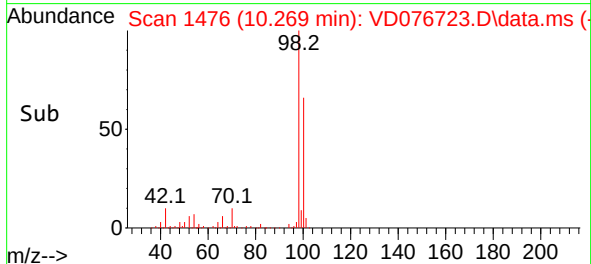
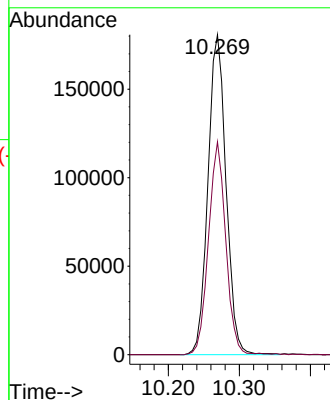
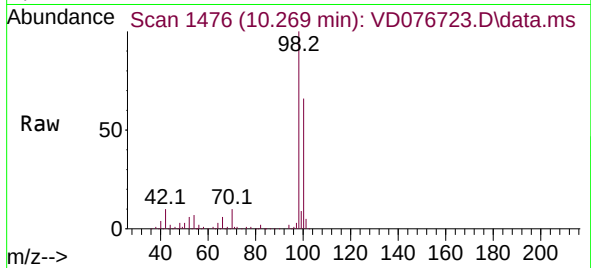




#50
Toluene-d8
Concen: 43.268 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076723.D
Acq: 12 Jul 2023 10:18

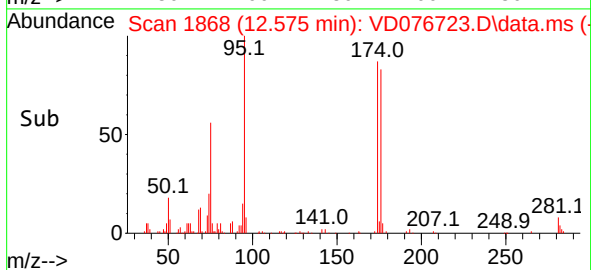
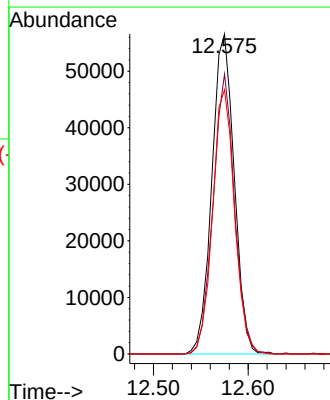
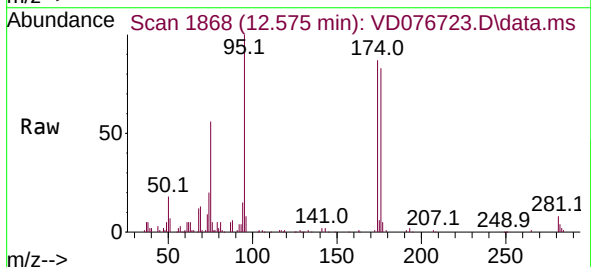
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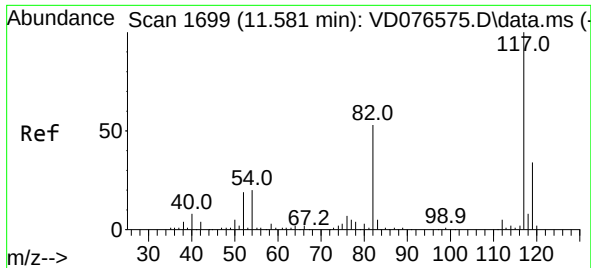
Tgt Ion: 98 Resp: 319954
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 38.691 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076723.D
Acq: 12 Jul 2023 10:18

Tgt Ion: 95 Resp: 92854
Ion Ratio Lower Upper
95 100
174 84.1 0.0 201.8
176 81.1 0.0 191.8

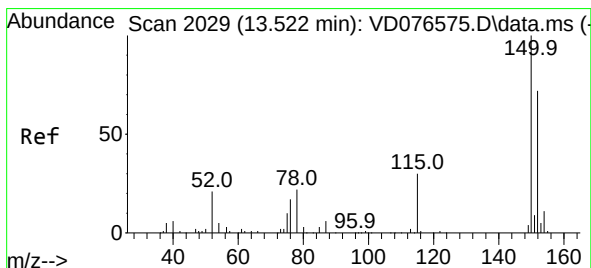
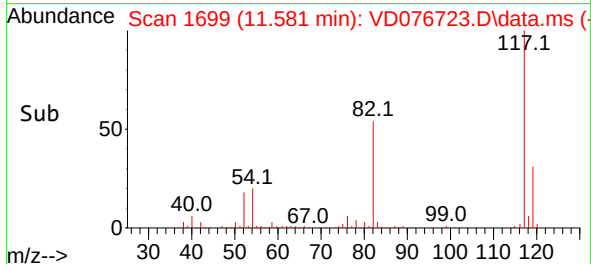
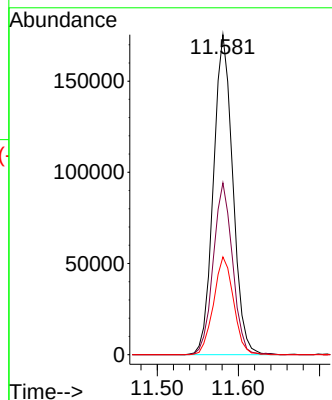
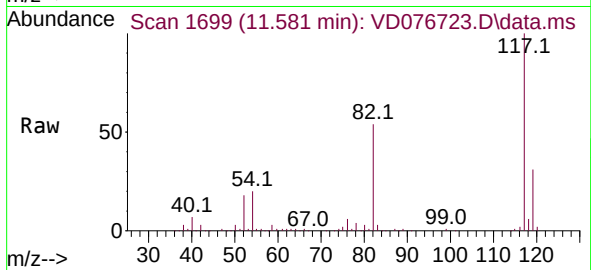




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076723.D
Acq: 12 Jul 2023 10:18

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

Tgt Ion:117 Resp: 291383
Ion Ratio Lower Upper
117 100
82 53.7 38.3 57.5
119 30.5 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: VD076723.D
Acq: 12 Jul 2023 10:18

Tgt Ion:152 Resp: 127122
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 157.8 0.0 353.6

