

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076296.D
 Acq On : 31 May 2023 20:54
 Operator : KP/SY
 Sample : 02983-06
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB24B

Quant Time: Jun 01 01:44:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

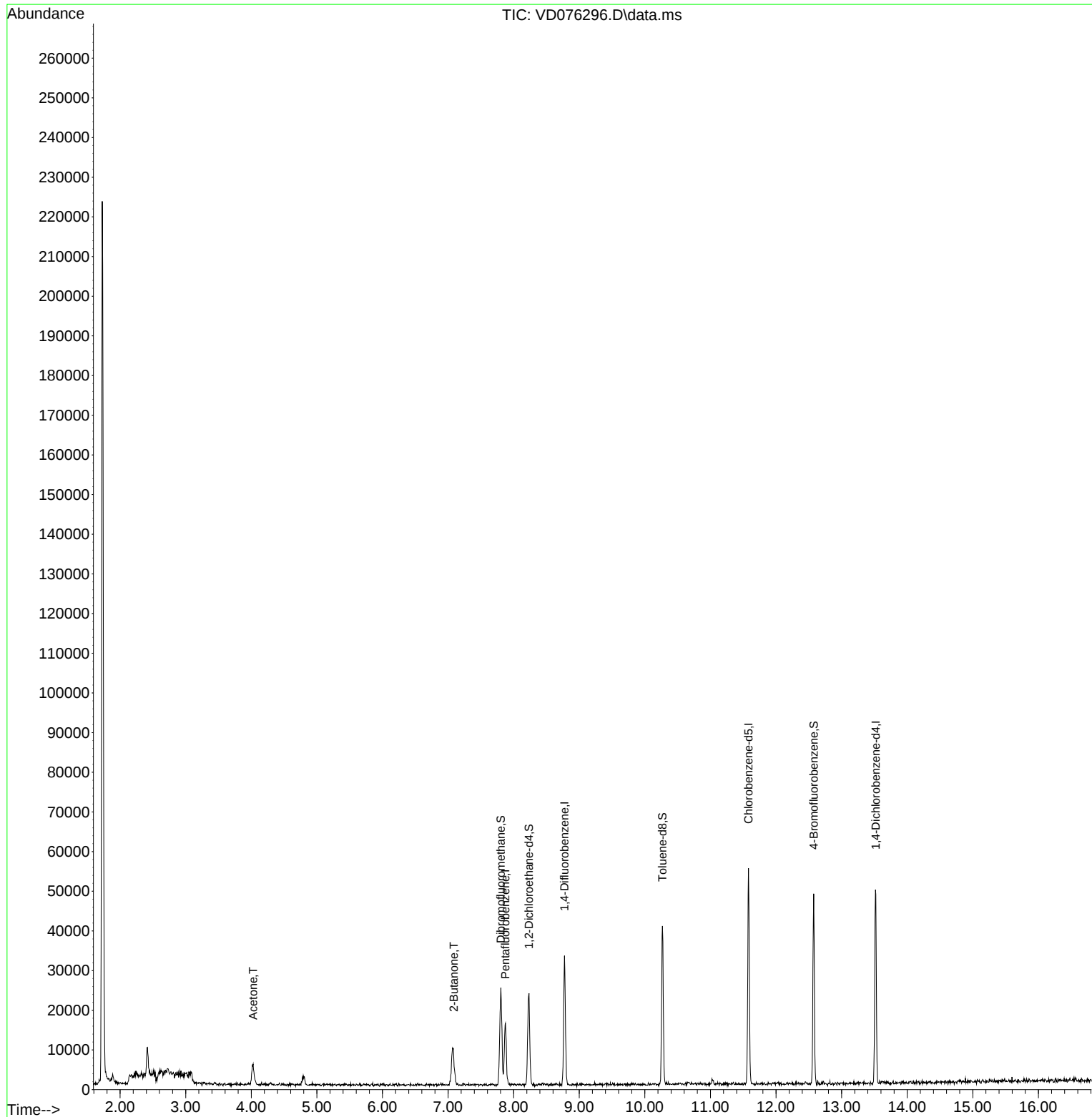
Internal Standards						
1) Pentafluorobenzene	7.875	168	13211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	30764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	15555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	18306	143.373	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	286.740%#	
35) Dibromofluoromethane	7.804	113	17394	81.798	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	163.600%#	
50) Toluene-d8	10.269	98	30527	36.826	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	73.660%	
62) 4-Bromofluorobenzene	12.575	95	14276	61.997	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	124.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	8570	337.352	ug/l #	76
25) 2-Butanone	7.087	43	1710	53.535	ug/l #	61

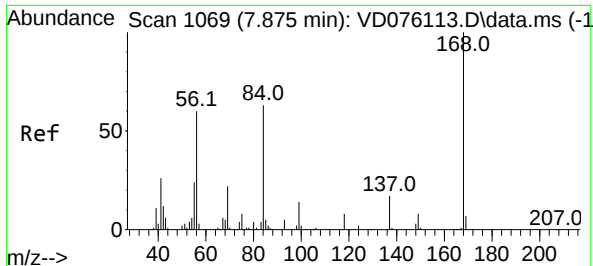
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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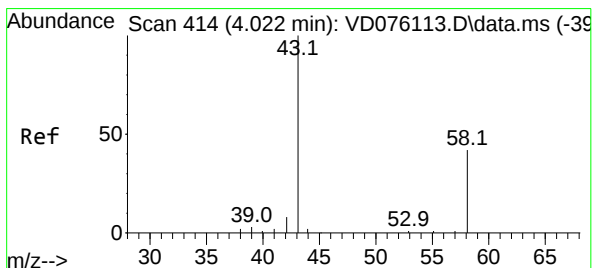
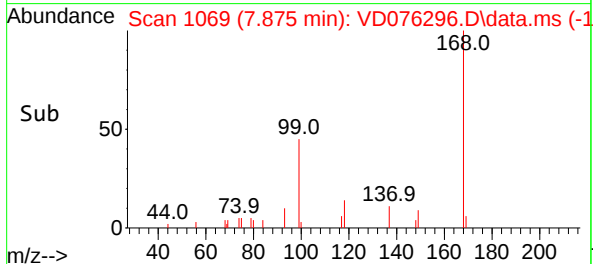
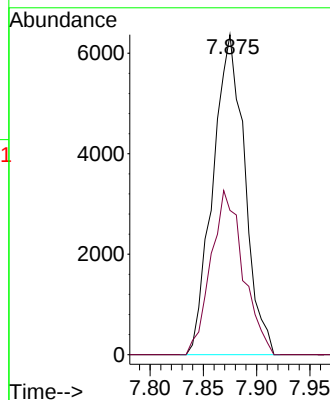
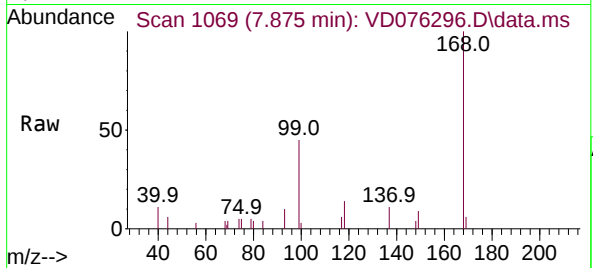




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076296.D
Acq: 31 May 2023 20:54

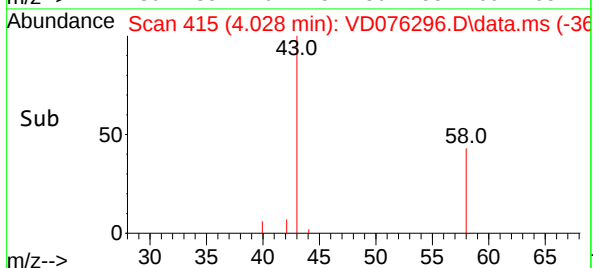
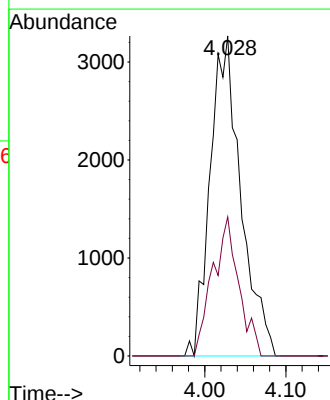
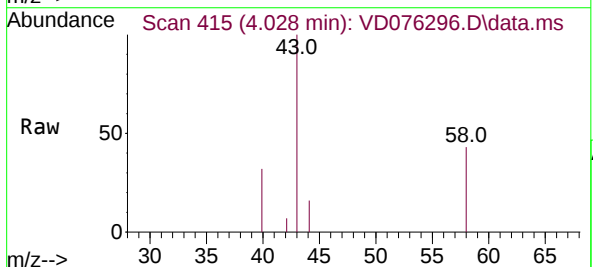
Instrument :
MSVOA_D
ClientSampleId :
SB24B

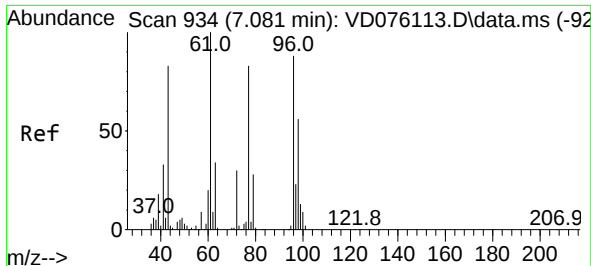
Tgt Ion:168 Resp: 13211
Ion Ratio Lower Upper
168 100
99 45.1 43.8 65.6



#16
Acetone
Concen: 337.352 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076296.D
Acq: 31 May 2023 20:54

Tgt Ion: 43 Resp: 8570
Ion Ratio Lower Upper
43 100
58 43.4 24.4 36.6#

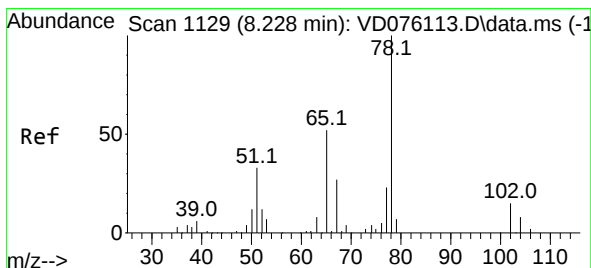
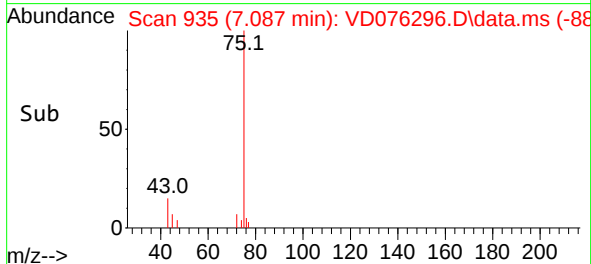
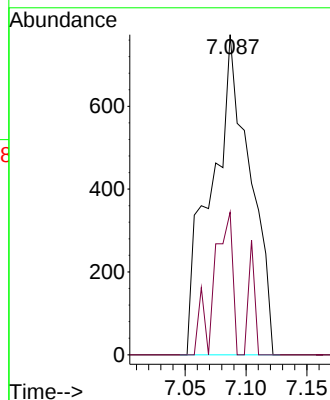
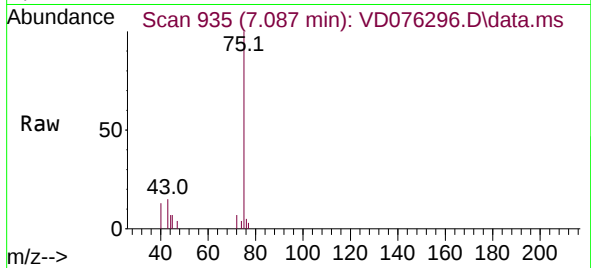




#25
2-Butanone
Concen: 53.535 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076296.D
Acq: 31 May 2023 20:54

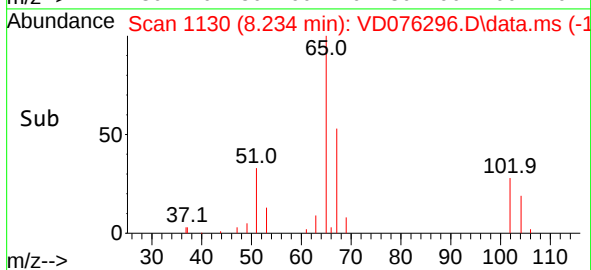
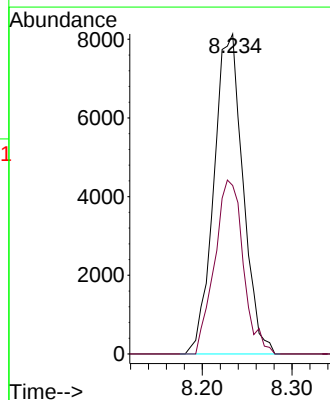
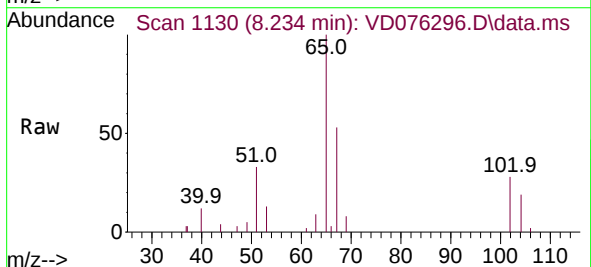
Instrument :
MSVOA_D
ClientSampleId :
SB24B

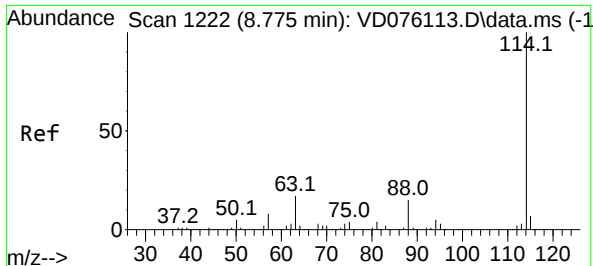
Tgt Ion: 43 Resp: 1710
Ion Ratio Lower Upper
43 100
72 44.5 19.8 29.8#



#33
1,2-Dichloroethane-d4
Concen: 143.373 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076296.D
Acq: 31 May 2023 20:54

Tgt Ion: 65 Resp: 18306
Ion Ratio Lower Upper
65 100
67 53.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076296.D

Acq: 31 May 2023 20:54

Instrument :

MSVOA_D

ClientSampleId :

SB24B

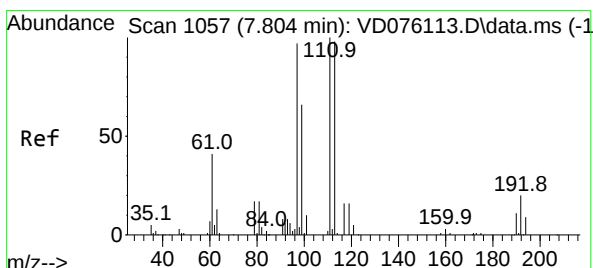
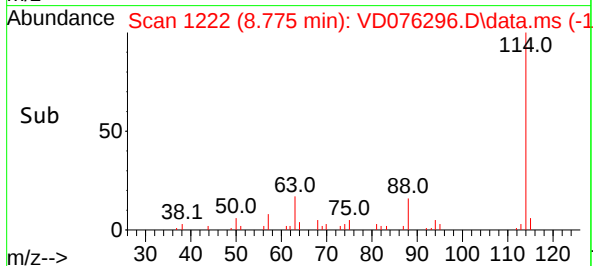
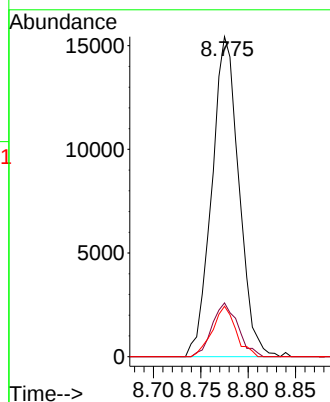
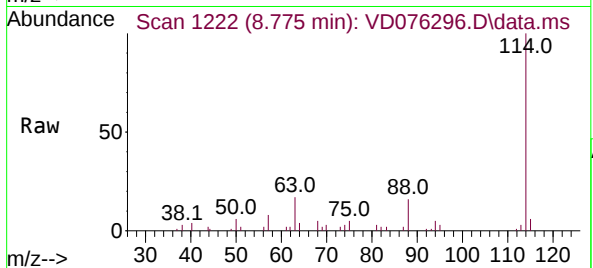
Tgt Ion:114 Resp: 30764

Ion Ratio Lower Upper

114 100

63 16.8 0.0 41.6

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 81.798 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076296.D

Acq: 31 May 2023 20:54

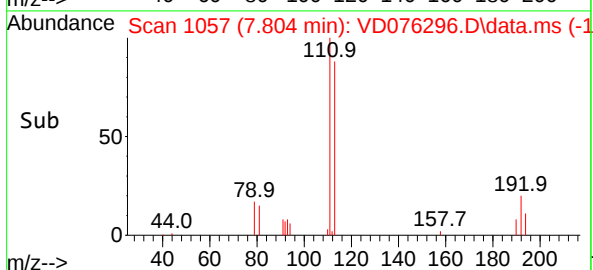
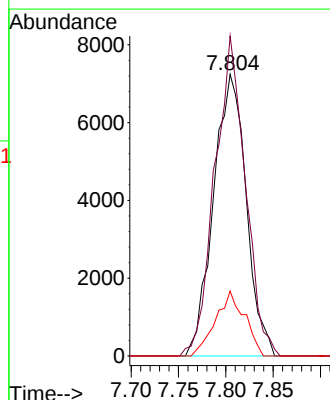
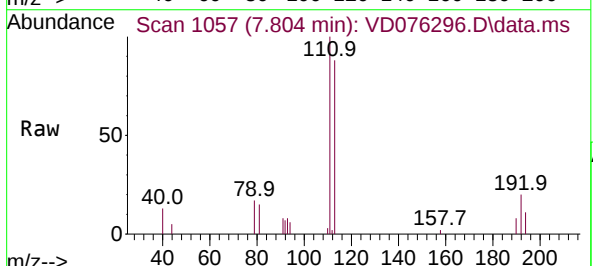
Tgt Ion:113 Resp: 17394

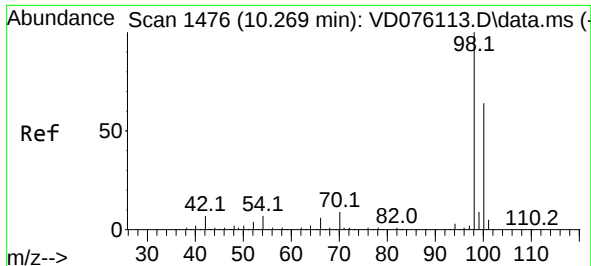
Ion Ratio Lower Upper

113 100

111 105.9 81.4 122.0

192 20.5 15.2 22.8

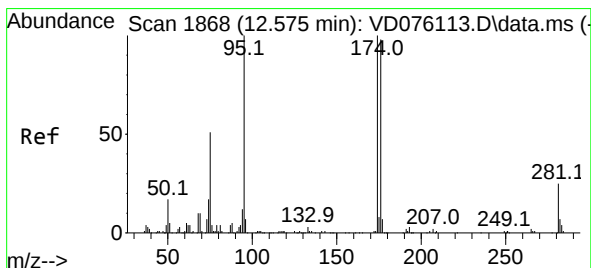
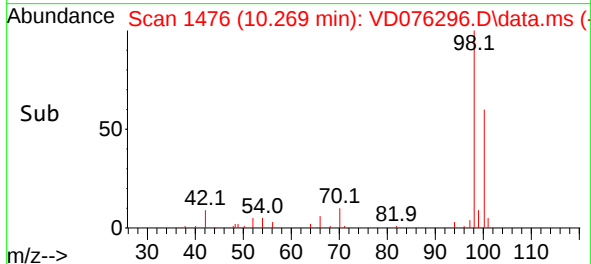
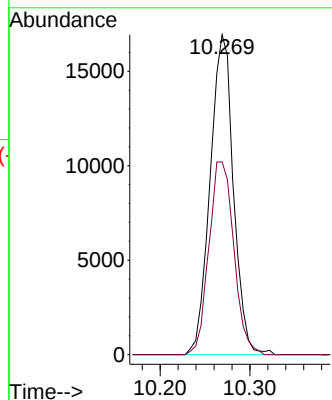
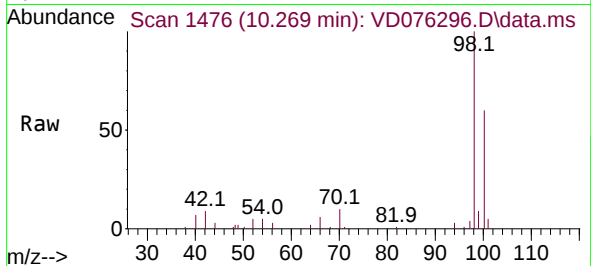




#50
Toluene-d8
Concen: 36.826 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076296.D
Acq: 31 May 2023 20:54

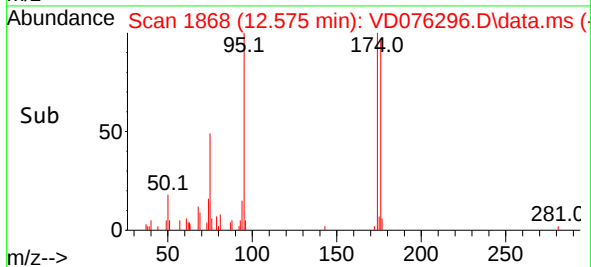
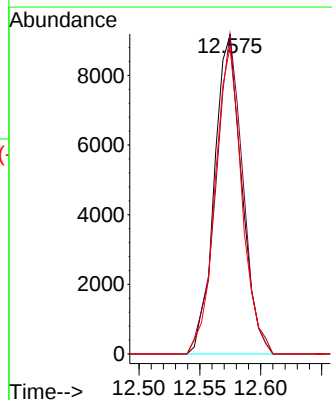
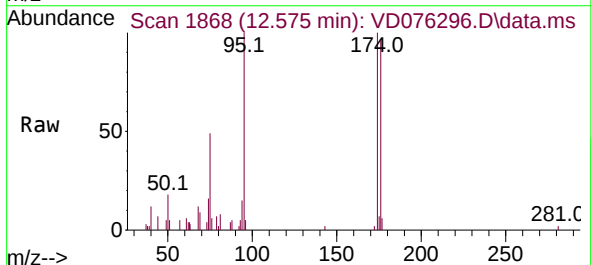
Instrument :
MSVOA_D
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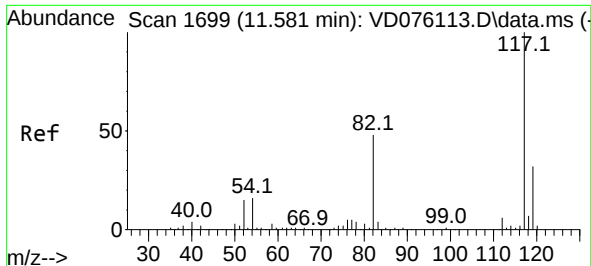
Tgt Ion: 98 Resp: 30527
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 61.997 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076296.D
Acq: 31 May 2023 20:54

Tgt Ion: 95 Resp: 14276
Ion Ratio Lower Upper
95 100
174 99.5 0.0 164.0
176 94.3 0.0 156.8

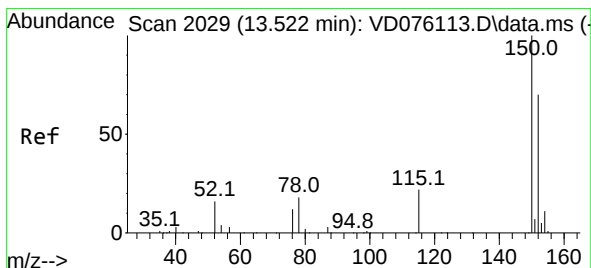
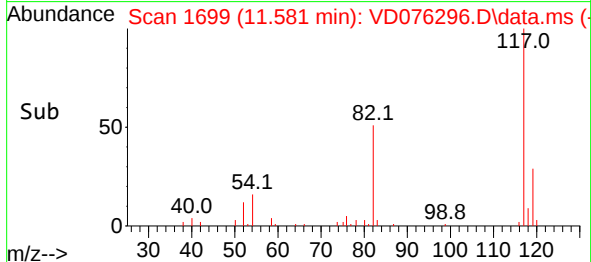
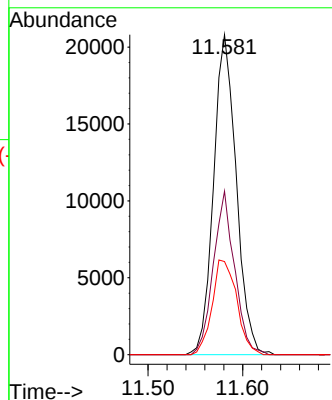
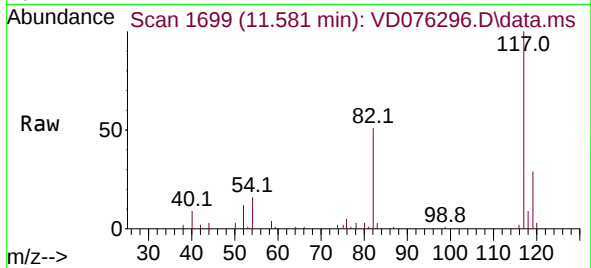




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076296.D
Acq: 31 May 2023 20:54

Instrument :
MSVOA_D
ClientSampleId :
SB24B

Tgt Ion:117 Resp: 34621
Ion Ratio Lower Upper
117 100
82 51.1 44.0 66.0
119 29.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076296.D
Acq: 31 May 2023 20:54

Tgt Ion:152 Resp: 15555
Ion Ratio Lower Upper
152 100
115 50.4 30.1 90.3
150 158.1 0.0 364.8

