

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076934.D
 Acq On : 07 Aug 2023 16:35
 Operator : KP/SY
 Sample : 03917-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP04AA

Quant Time: Aug 08 04:40:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

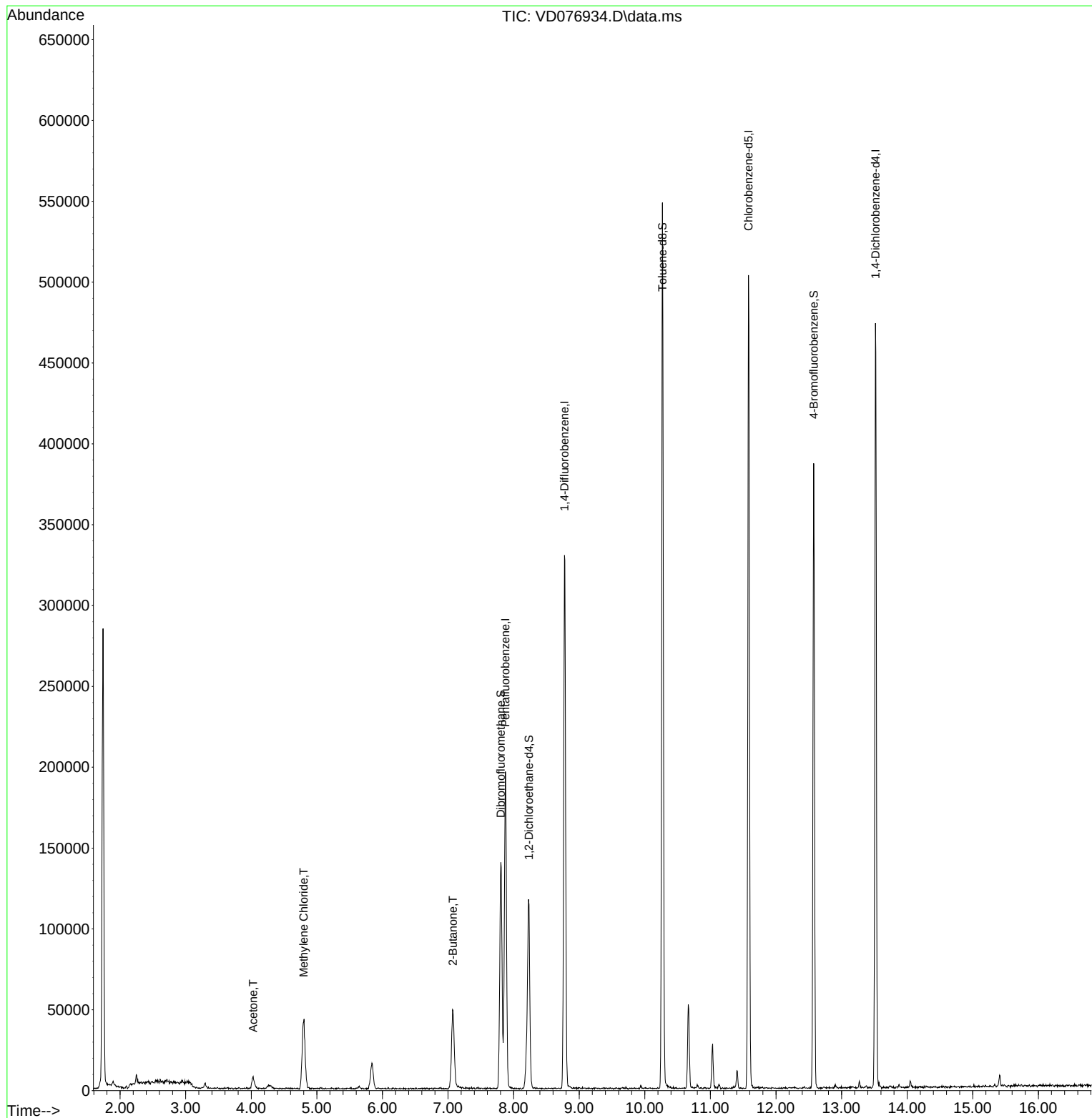
Internal Standards						
1) Pentafluorobenzene	7.875	168	150257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	308701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85882	57.385	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.760%			
35) Dibromofluoromethane	7.805	113	102789	52.987	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.980%			
50) Toluene-d8	10.269	98	377356	54.376	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.760%			
62) 4-Bromofluorobenzene	12.575	95	111694	49.752	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.500%			
Target Compounds					Qvalue	
16) Acetone	4.028	43	11920	33.350	ug/l	97
20) Methylene Chloride	4.799	84	34141	7.232	ug/l	95
25) 2-Butanone	7.075	43	3243	6.779	ug/l #	83

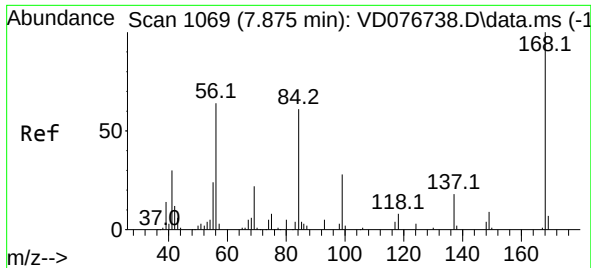
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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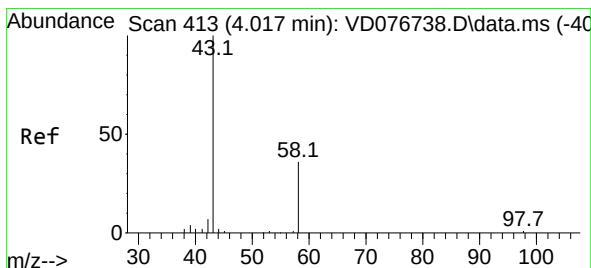
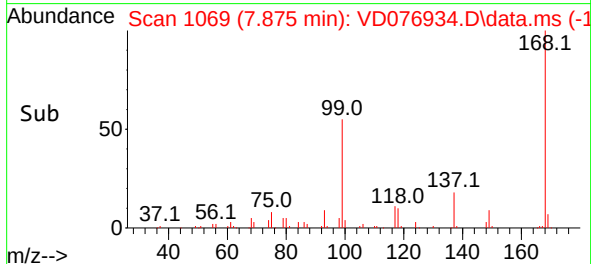
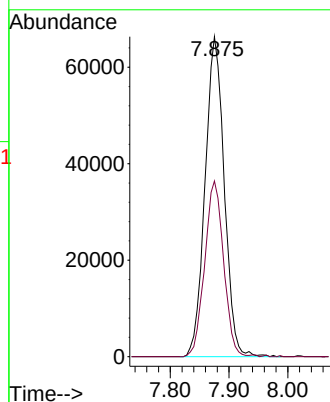
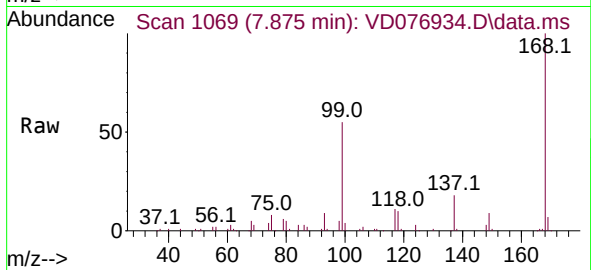




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

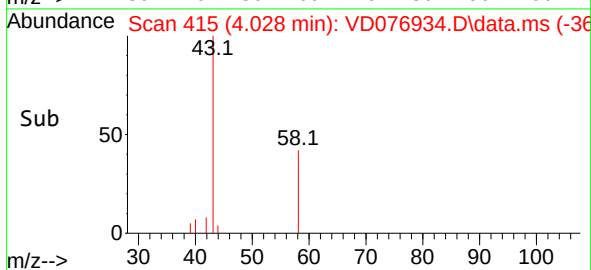
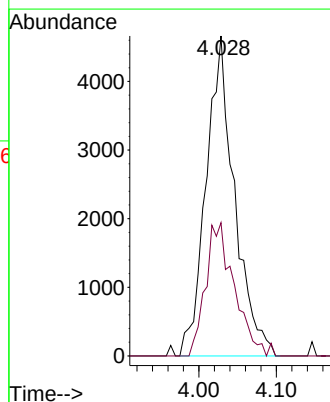
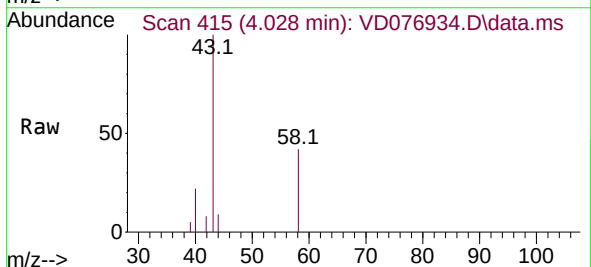
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

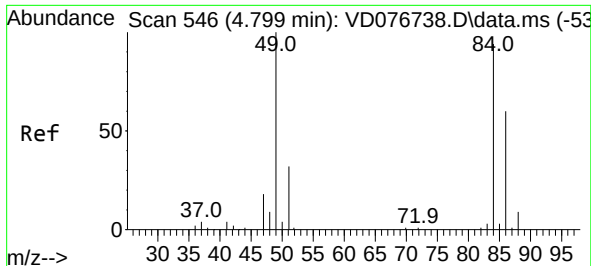
Tgt Ion:168 Resp: 150257
Ion Ratio Lower Upper
168 100
99 54.9 36.7 55.1



#16
Acetone
Concen: 33.350 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Tgt Ion: 43 Resp: 11920
Ion Ratio Lower Upper
43 100
58 41.6 34.7 52.1



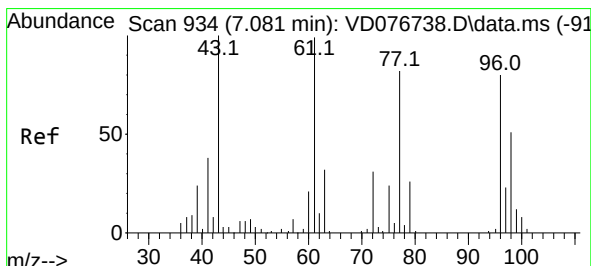
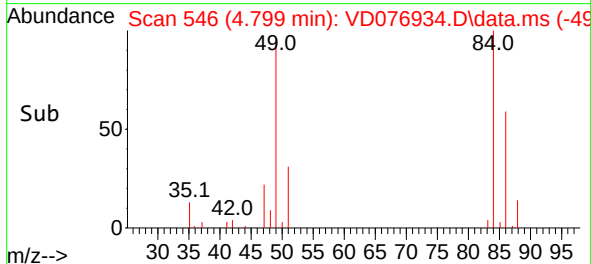
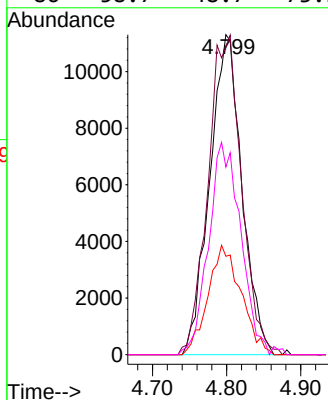
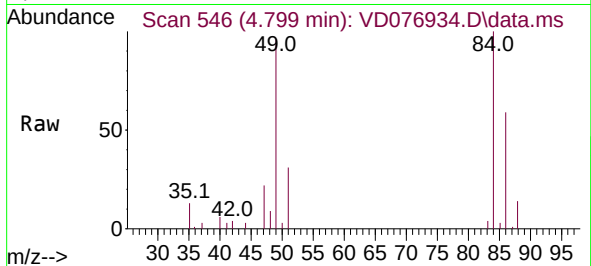


#20
Methylene Chloride
Concen: 7.232 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

Tgt Ion: 84 Resp: 34141

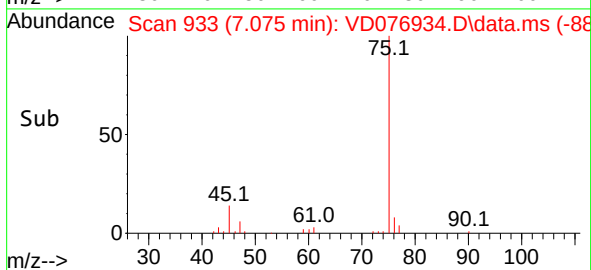
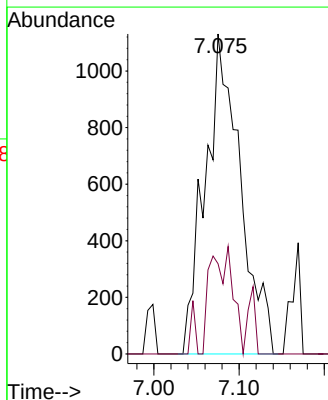
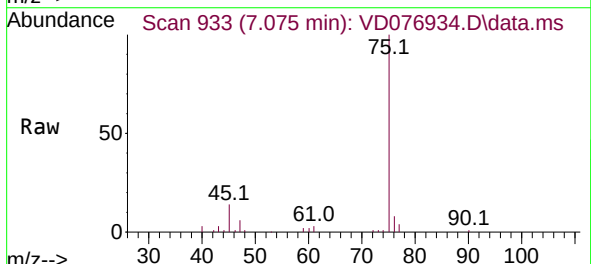
Ion	Ratio	Lower	Upper
84	100		
49	96.2	71.4	107.2
51	30.8	24.5	36.7
86	58.7	48.7	73.1

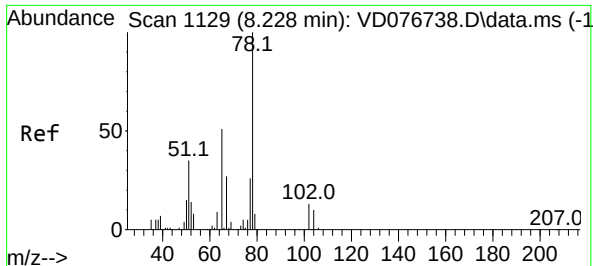


#25
2-Butanone
Concen: 6.779 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Tgt Ion: 43 Resp: 3243

Ion	Ratio	Lower	Upper
43	100		
72	28.2	30.7	46.1#





#33

1,2-Dichloroethane-d4

Concen: 57.385 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076934.D

Acq: 07 Aug 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

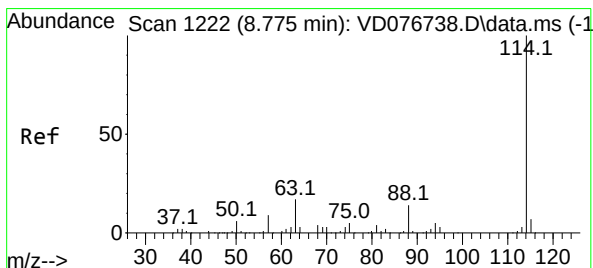
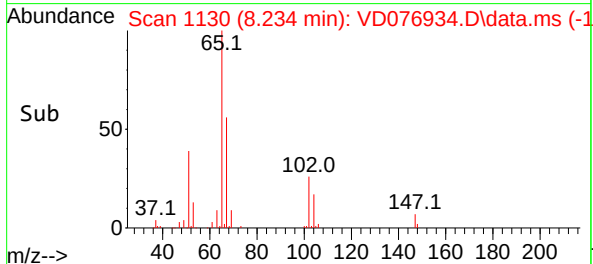
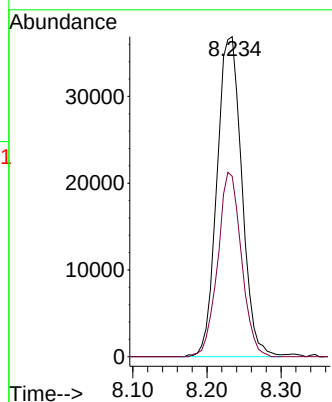
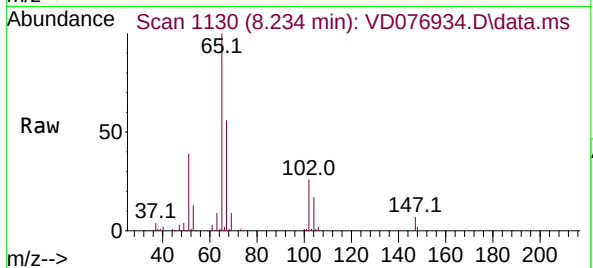
B-PP04AA

Tgt Ion: 65 Resp: 85882

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: VD076934.D

Acq: 07 Aug 2023 16:35

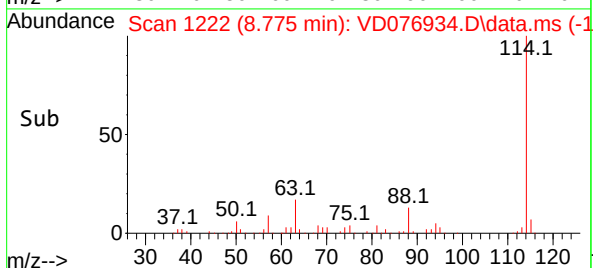
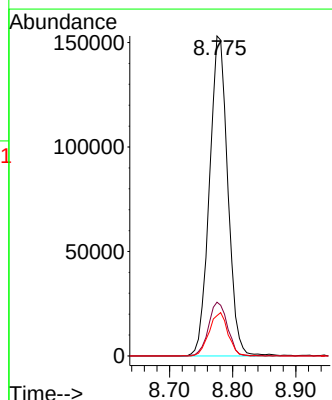
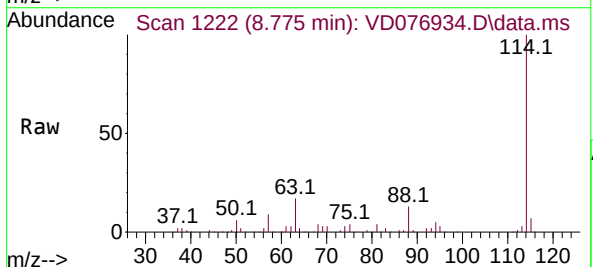
Tgt Ion: 114 Resp: 308701

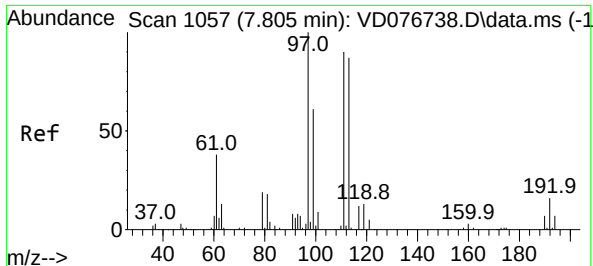
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 12.6 0.0 26.2



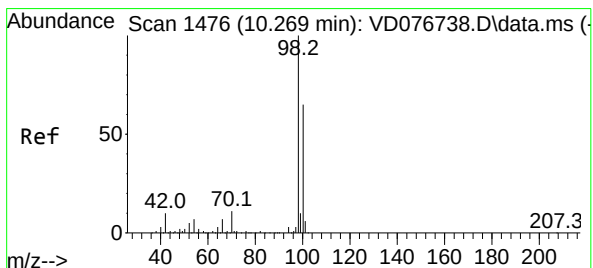
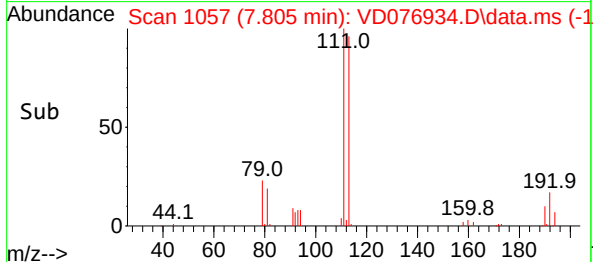
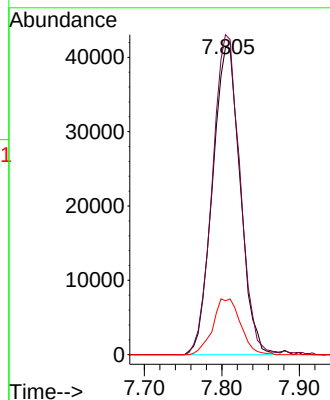
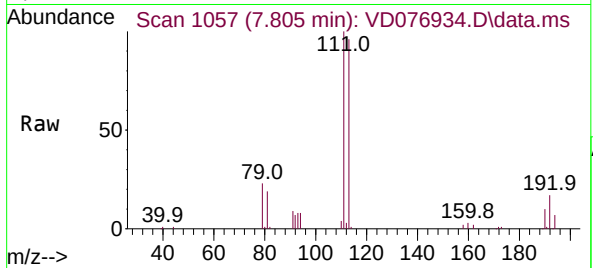


#35
 Dibromofluoromethane
 Concen: 52.987 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076934.D
 Acq: 07 Aug 2023 16:35

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP04AA

Tgt Ion:113 Resp: 102789

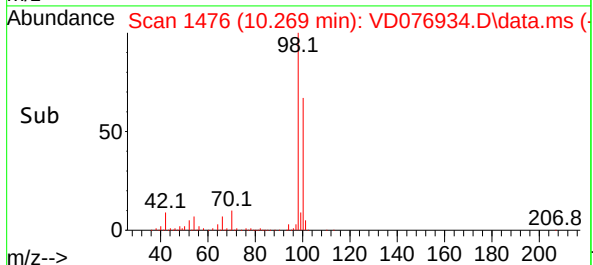
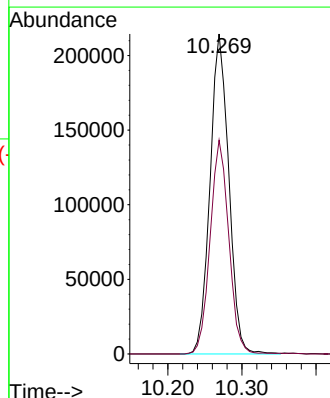
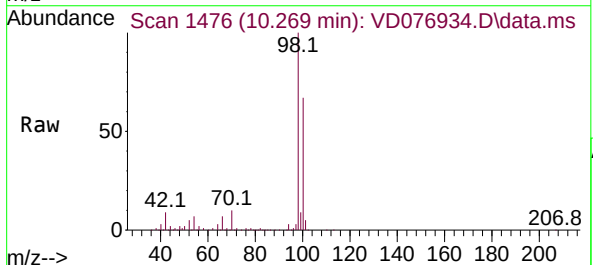
Ion	Ratio	Lower	Upper
113	100		
111	103.5	84.7	127.1
192	18.2	16.8	25.2

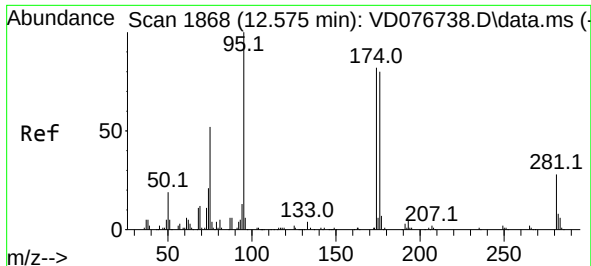


#50
 Toluene-d8
 Concen: 54.376 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD076934.D
 Acq: 07 Aug 2023 16:35

Tgt Ion: 98 Resp: 377356

Ion	Ratio	Lower	Upper
98	100		
100	66.3	50.3	75.5

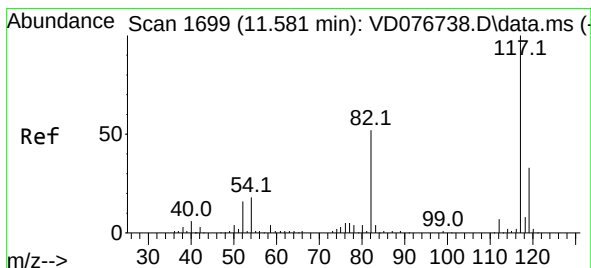
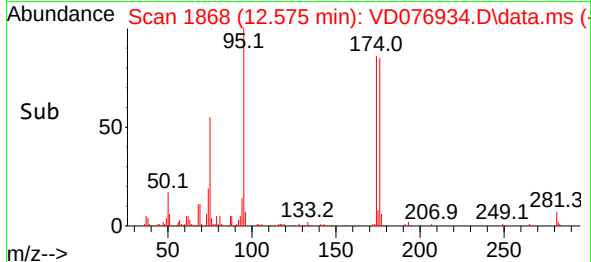
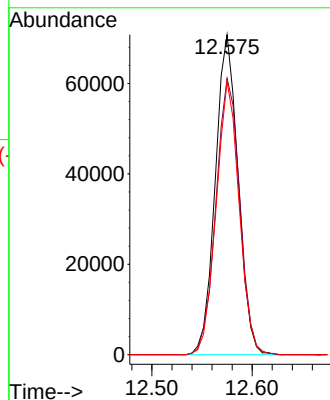
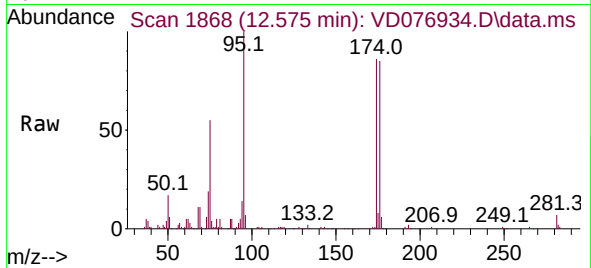




#62
4-Bromofluorobenzene
Concen: 49.752 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

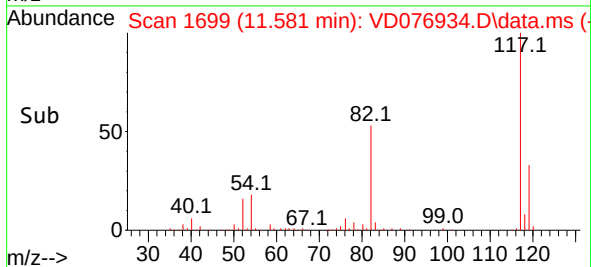
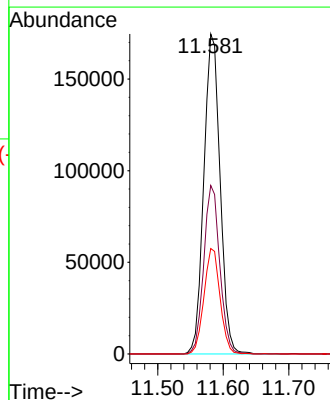
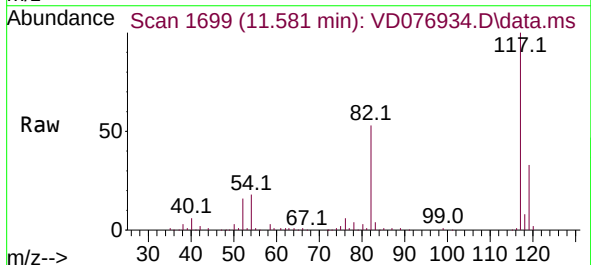
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

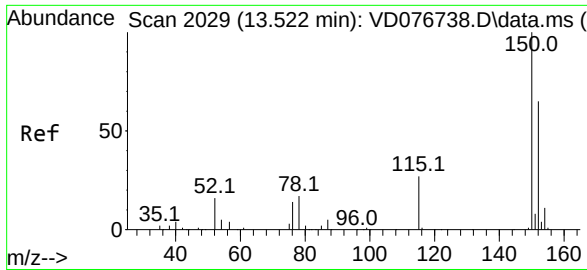
Tgt Ion: 95 Resp: 111694
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 85.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Tgt Ion: 117 Resp: 301431
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 33.0 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD076934.D

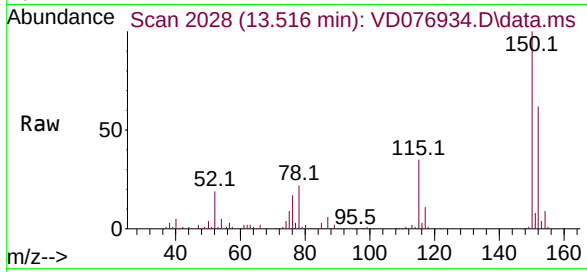
Acq: 07 Aug 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

B-PP04AA



Tgt Ion:152 Resp: 132391

Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 155.2 0.0 353.6

