

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076342.D
 Acq On : 06 Jun 2023 16:02
 Operator : KP/SY
 Sample : 03047-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB32A

Quant Time: Jun 07 06:11:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

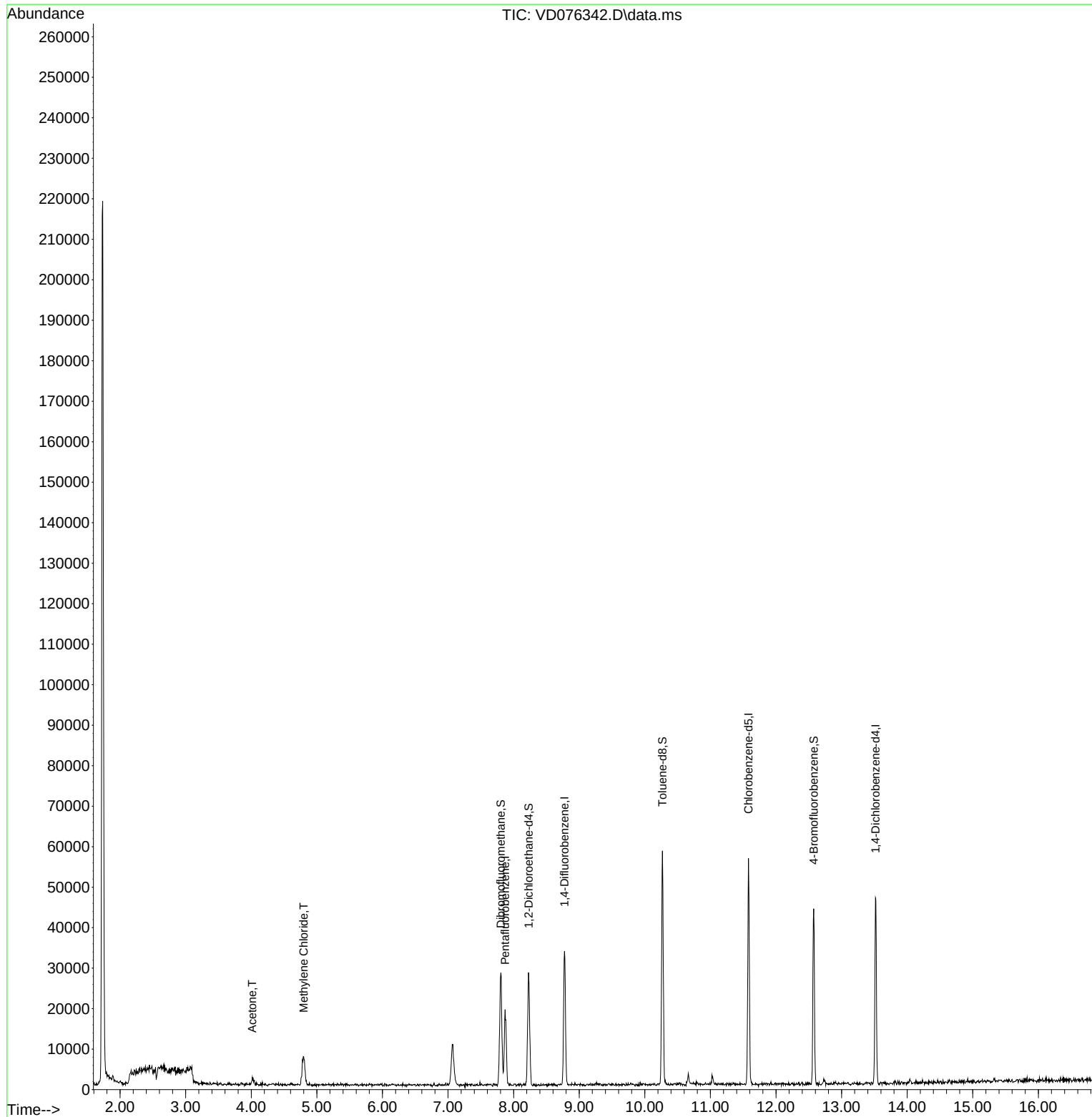
Internal Standards						
1) Pentafluorobenzene	7.869	168	16914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	33494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21242	140.166	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 280.340%#		
35) Dibromofluoromethane	7.805	113	20182	94.900	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 189.800%#		
50) Toluene-d8	10.269	98	43696	51.606	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 103.220%		
62) 4-Bromofluorobenzene	12.575	95	13876	61.925	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 123.840%		
Target Compounds						
						Qvalue
16) Acetone	4.016	43	2344	84.444	ug/l #	75
20) Methylene Chloride	4.799	84	6430	25.492	ug/l #	93

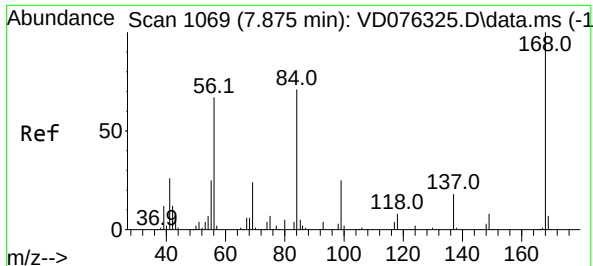
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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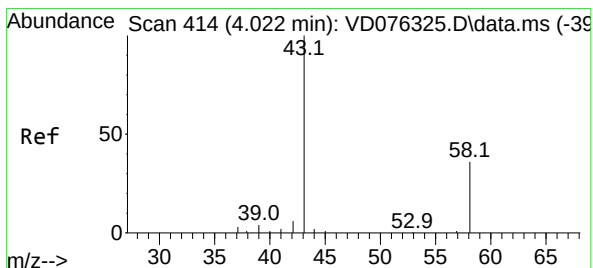
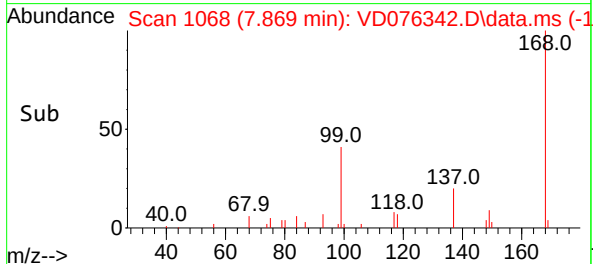
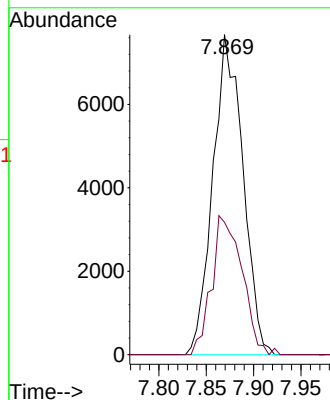
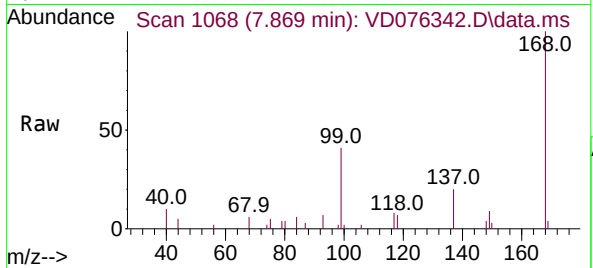




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

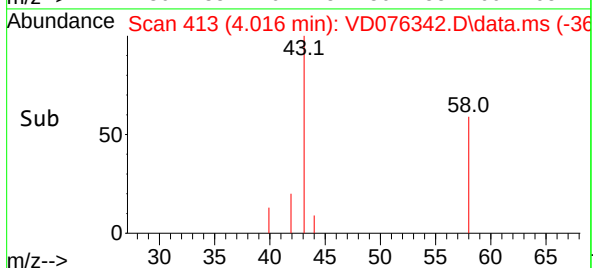
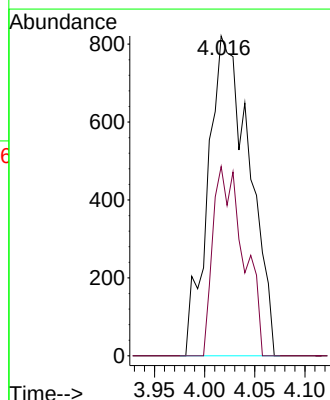
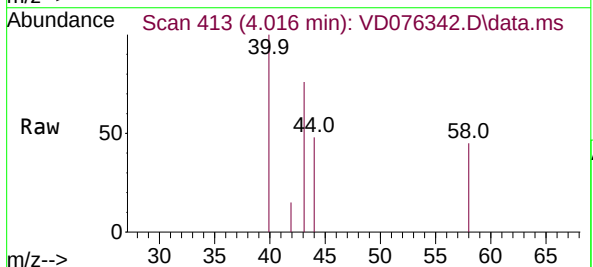
Instrument :
MSVOA_D
ClientSampleId :
SB32A

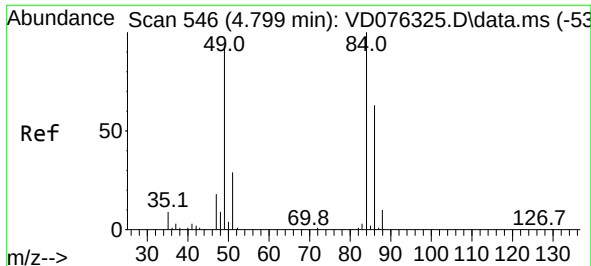
Tgt Ion:168 Resp: 16914
Ion Ratio Lower Upper
168 100
99 41.3 36.7 55.1



#16
Acetone
Concen: 84.444 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion: 43 Resp: 2344
Ion Ratio Lower Upper
43 100
58 59.2 34.7 52.1#

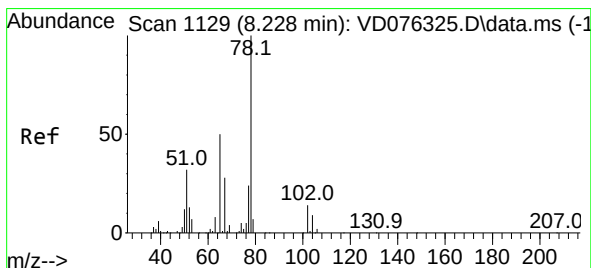
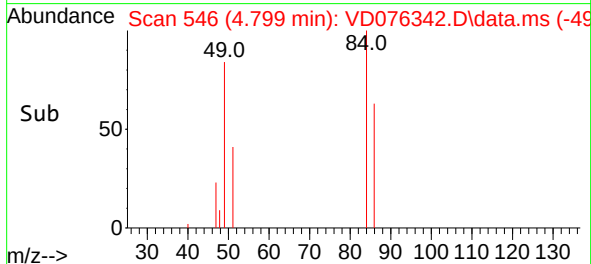
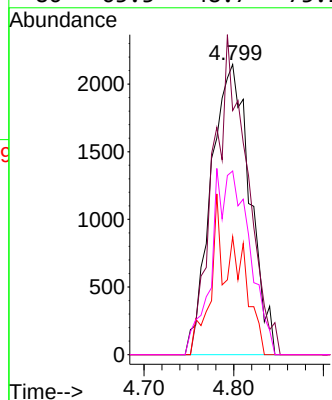
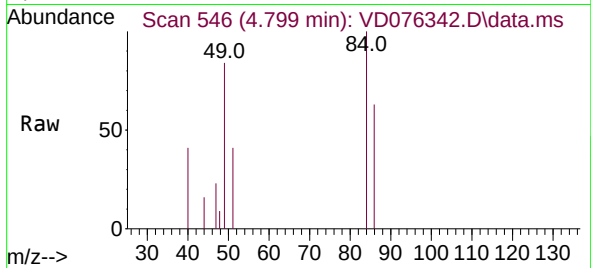




#20
Methylene Chloride
Concen: 25.492 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

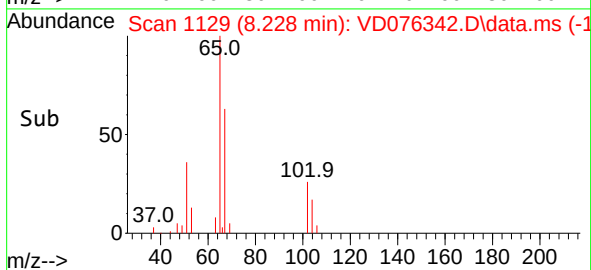
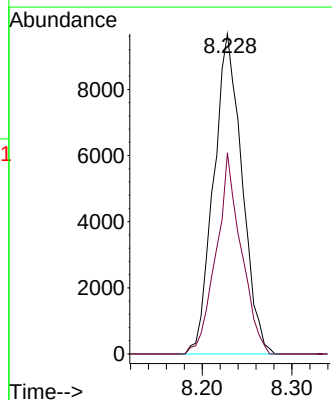
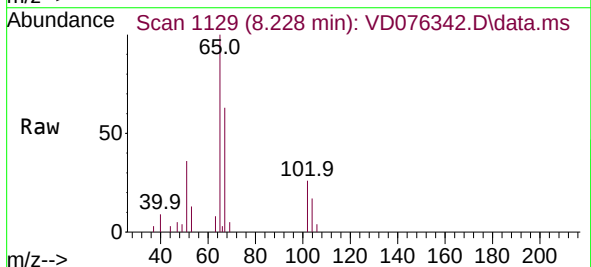
Instrument :
MSVOA_D
ClientSampleId :
SB32A

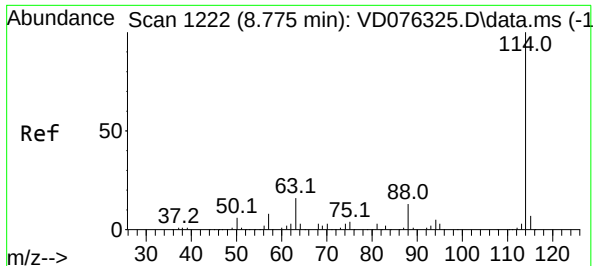
Tgt Ion:	84	Resp:	6430
Ion	Ratio	Lower	Upper
84	100		
49	84.1	71.4	107.2
51	40.7	24.5	36.7#
86	63.3	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 140.166 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion:	65	Resp:	21242
Ion	Ratio	Lower	Upper
65	100		
67	55.4	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: VD076342.D

Acq: 06 Jun 2023 16:02

Instrument :

MSVOA_D

ClientSampleId :

SB32A

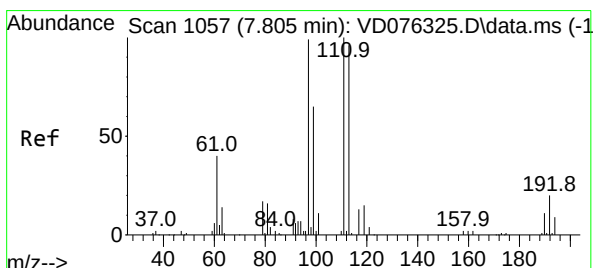
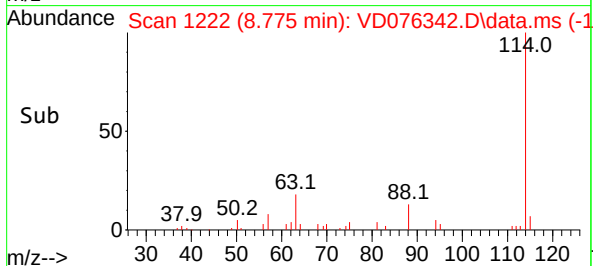
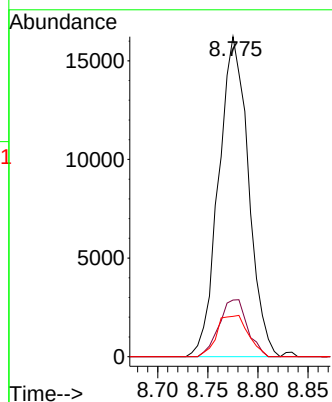
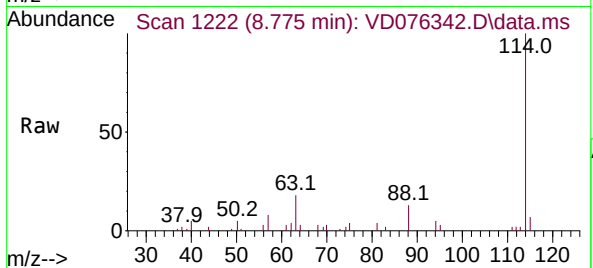
Tgt Ion:114 Resp: 33494

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 94.900 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076342.D

Acq: 06 Jun 2023 16:02

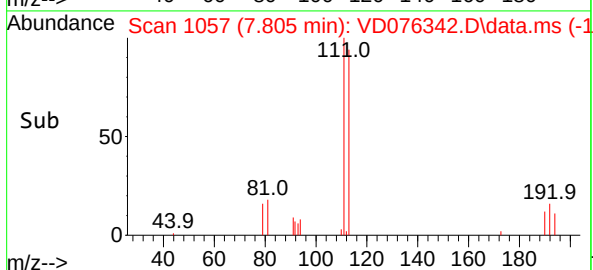
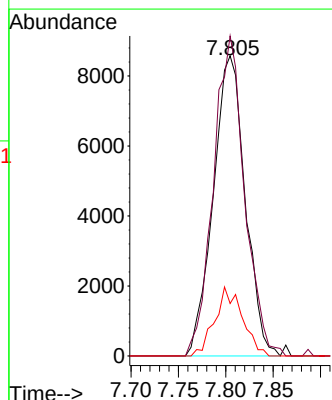
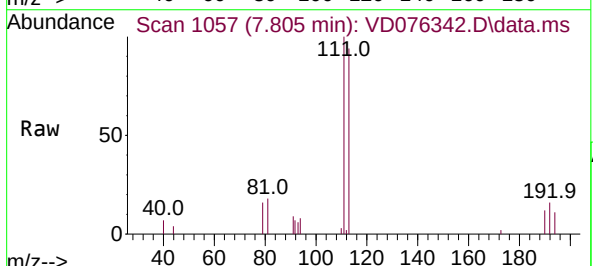
Tgt Ion:113 Resp: 20182

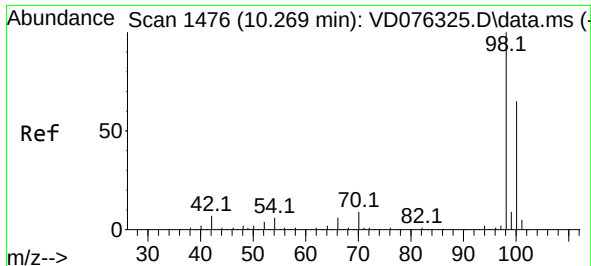
Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

192 19.8 16.8 25.2

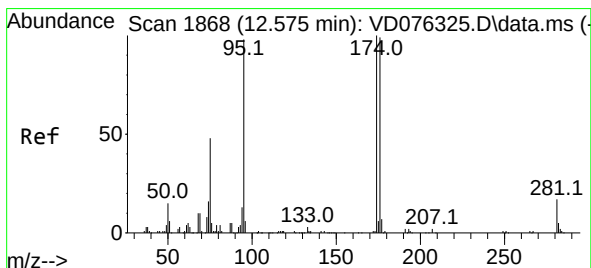
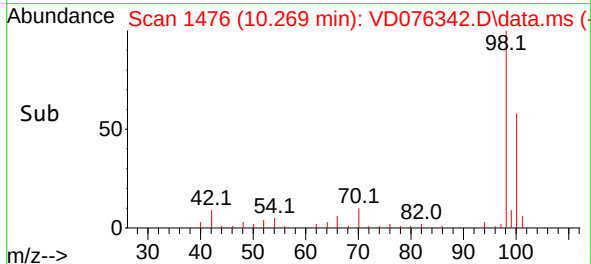
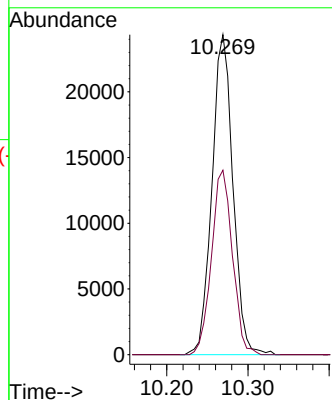
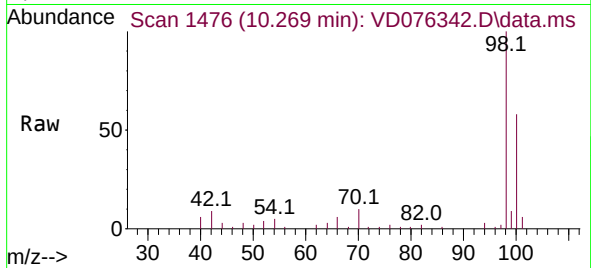




#50
Toluene-d8
Concen: 51.606 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

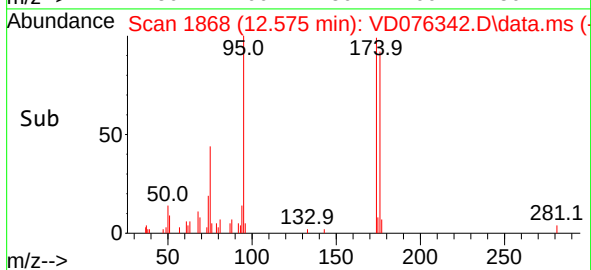
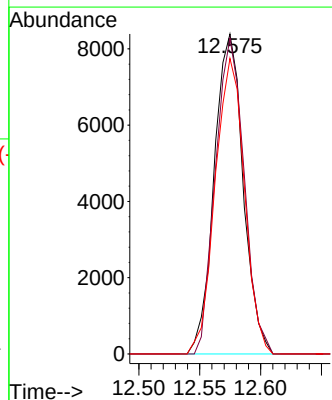
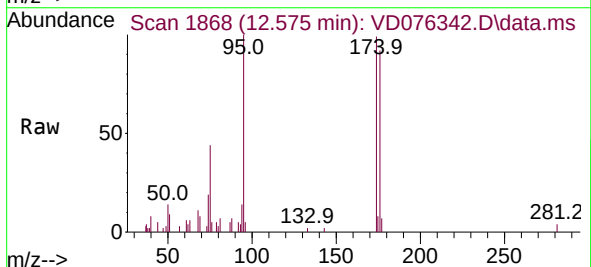
Instrument :
MSVOA_D
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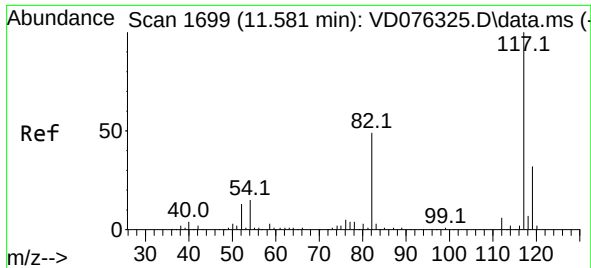
Tgt Ion: 98 Resp: 43696
Ion Ratio Lower Upper
98 100
100 57.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 61.925 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion: 95 Resp: 13876
Ion Ratio Lower Upper
95 100
174 97.8 0.0 201.8
176 93.2 0.0 191.8

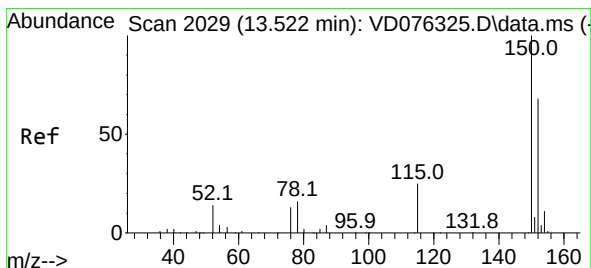
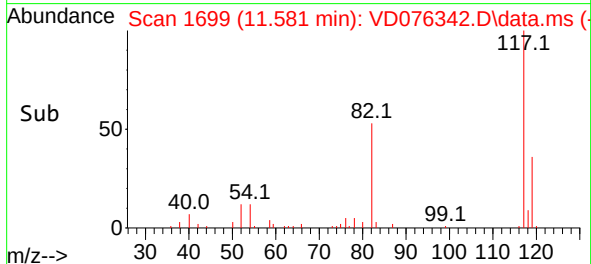
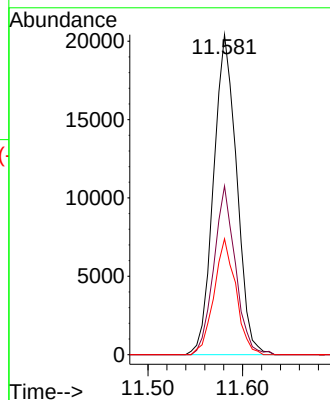
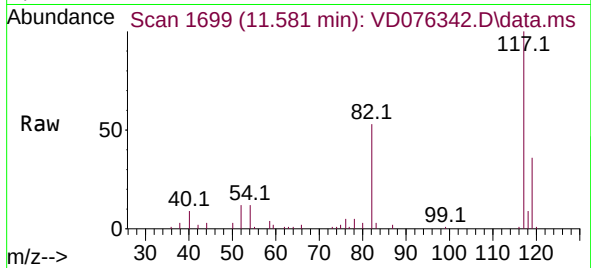




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Instrument :
MSVOA_D
ClientSampleId :
SB32A

Tgt Ion:117 Resp: 34646
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 36.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion:152 Resp: 14144
Ion Ratio Lower Upper
152 100
115 51.8 27.1 81.3
150 162.3 0.0 353.6

