

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076343.D
 Acq On : 06 Jun 2023 16:32
 Operator : KP/SY
 Sample : 03047-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB32B

Quant Time: Jun 07 06:11:30 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)

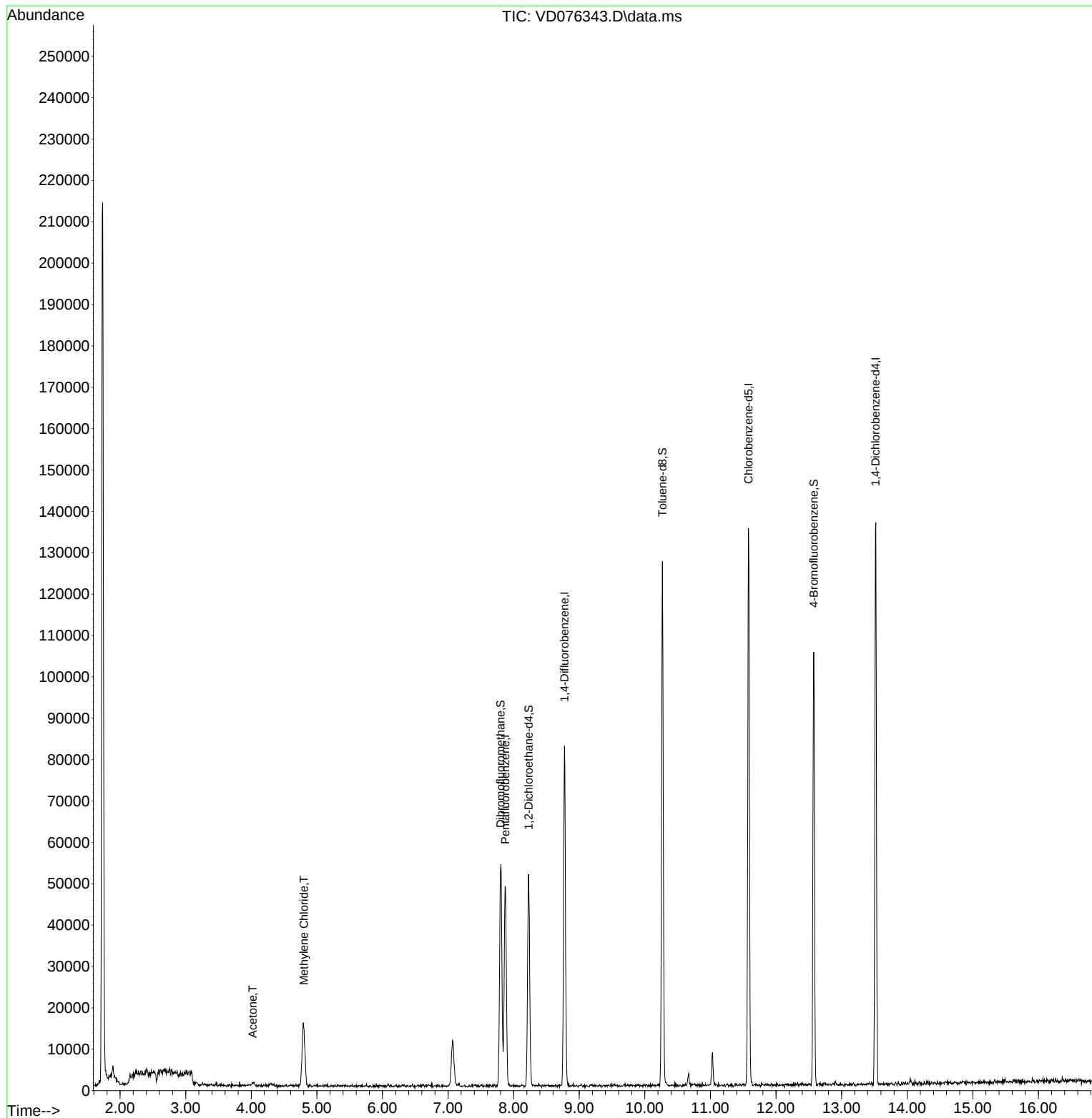
Internal Standards						
1) Pentafluorobenzene	7.875	168	43313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	80864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	87147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39602	102.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 204.100%#	
35) Dibromofluoromethane	7.799	113	40073	78.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 156.100%#	
50) Toluene-d8	10.269	98	94276	46.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.240%	
62) 4-Bromofluorobenzene	12.575	95	32008	59.166	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 118.340%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1601	22.523	ug/l #	73
20) Methylene Chloride	4.805	84	13016	19.089	ug/l	90

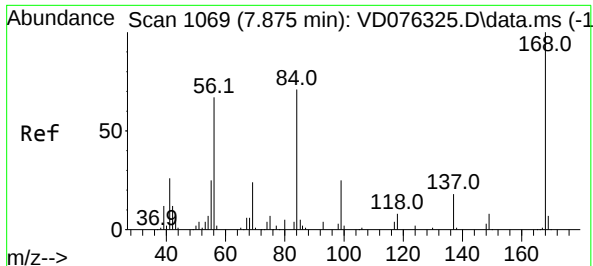
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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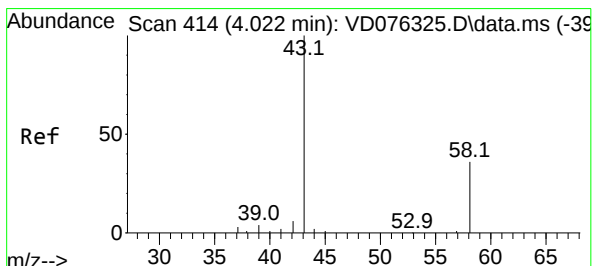
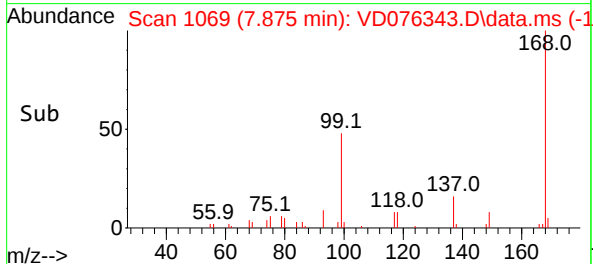
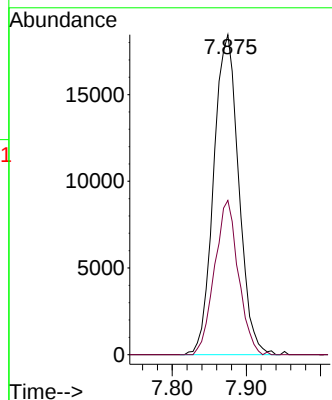
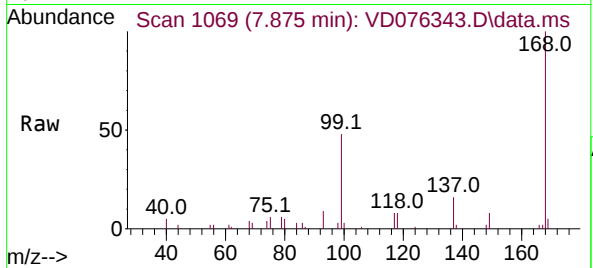




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

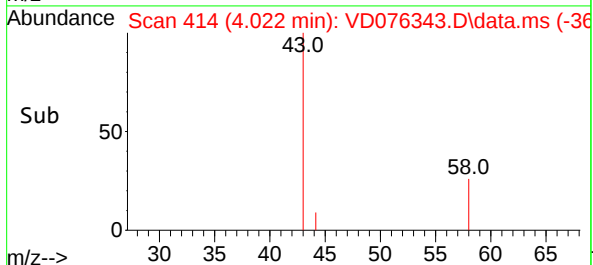
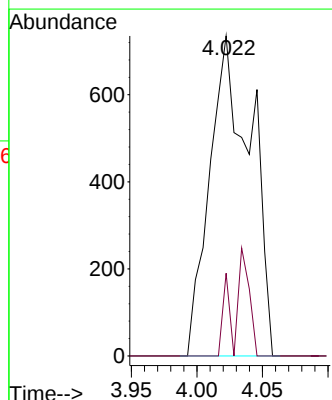
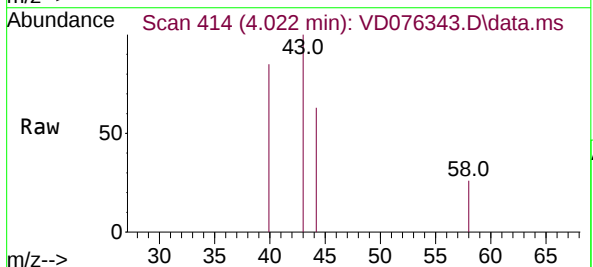
Instrument :
MSVOA_D
ClientSampleId :
SB32B

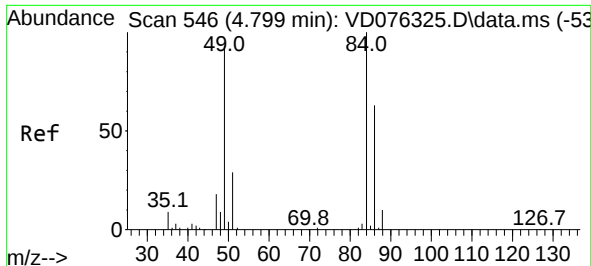
Tgt Ion:168 Resp: 43313
Ion Ratio Lower Upper
168 100
99 48.2 36.7 55.1



#16
Acetone
Concen: 22.523 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 25.9 34.7 52.1#

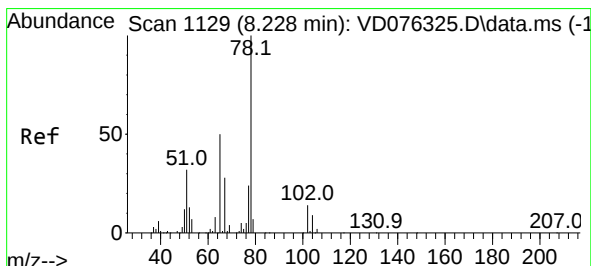
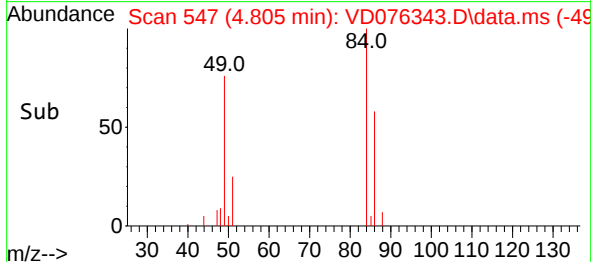
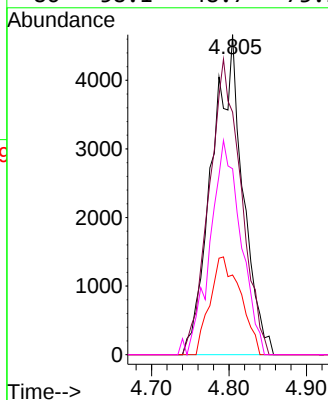
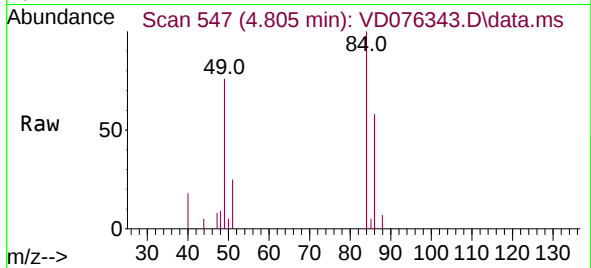




#20
Methylene Chloride
Concen: 19.089 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

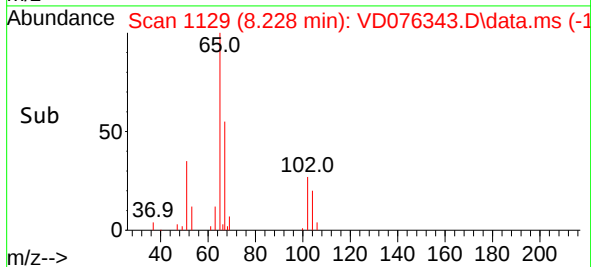
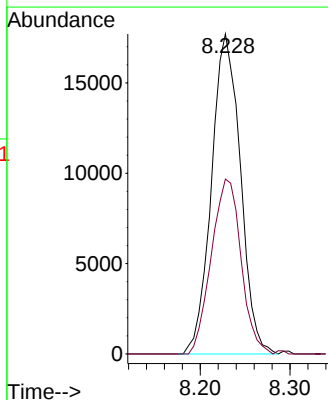
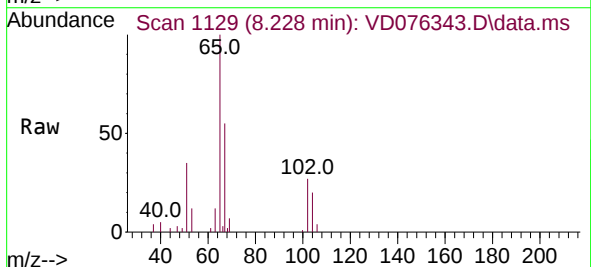
Instrument :
MSVOA_D
ClientSampleId :
SB32B

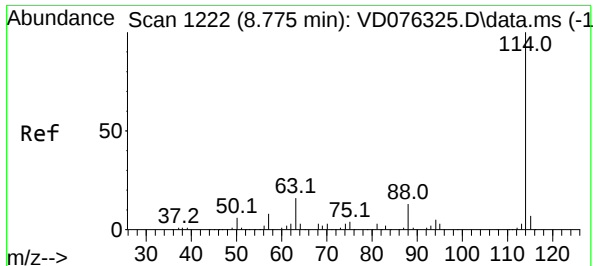
Tgt Ion:	84	Resp:	13016
Ion	Ratio	Lower	Upper
84	100		
49	75.8	71.4	107.2
51	24.9	24.5	36.7
86	58.1	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 102.045 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion:	65	Resp:	39602
Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076343.D

Acq: 06 Jun 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB32B

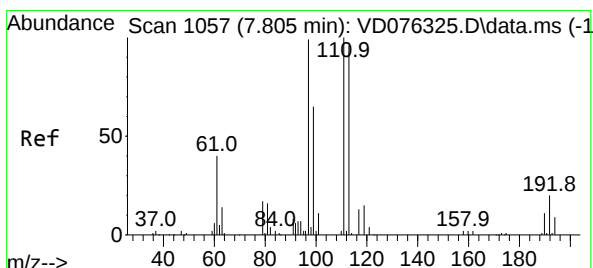
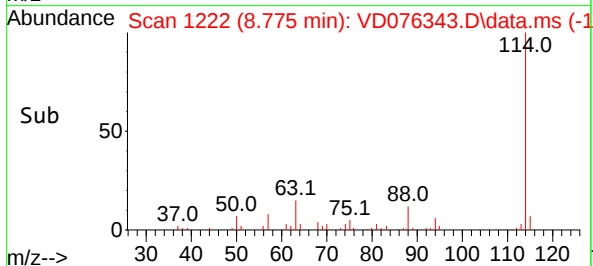
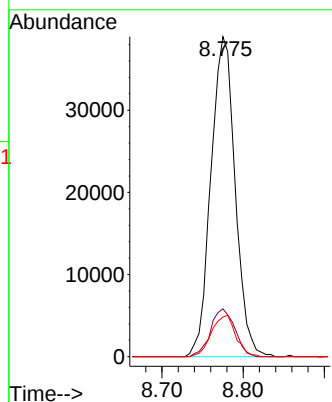
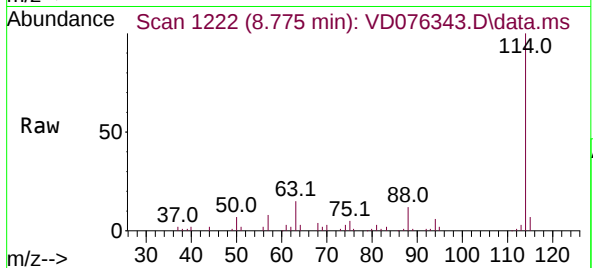
Tgt Ion:114 Resp: 80864

Ion Ratio Lower Upper

114 100

63 14.9 0.0 33.4

88 12.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 78.049 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076343.D

Acq: 06 Jun 2023 16:32

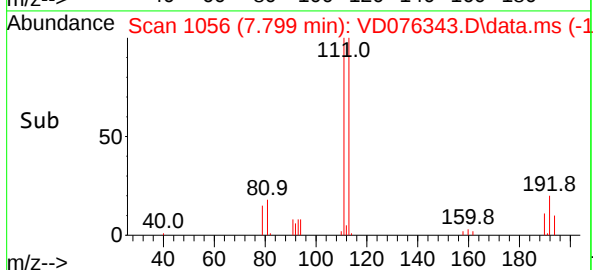
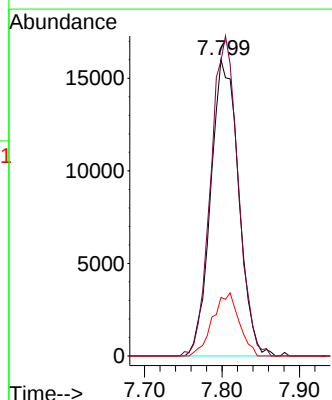
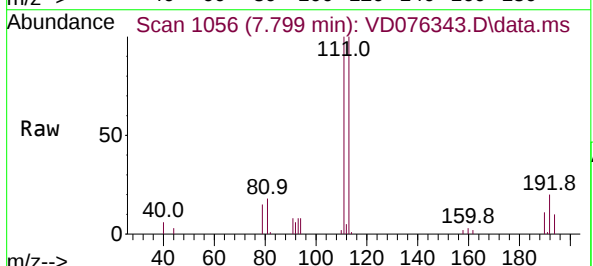
Tgt Ion:113 Resp: 40073

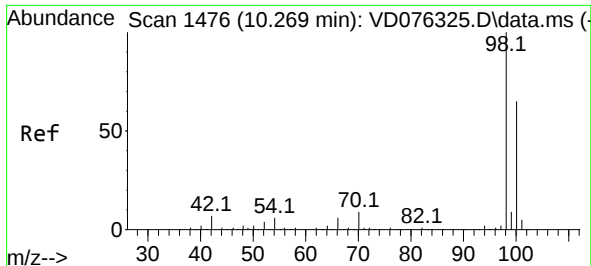
Ion Ratio Lower Upper

113 100

111 105.7 84.7 127.1

192 20.2 16.8 25.2

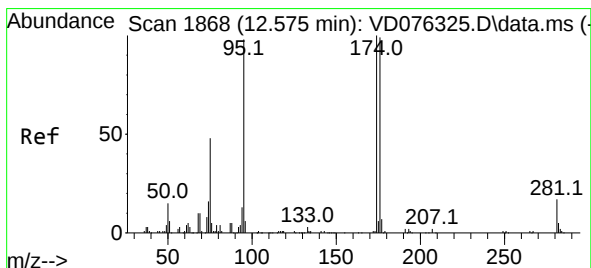
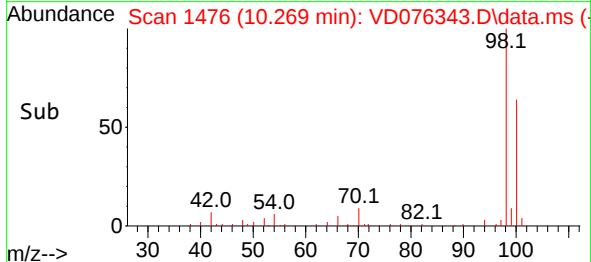
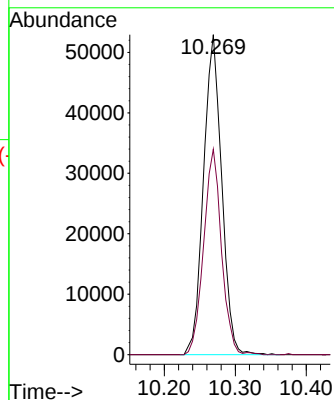
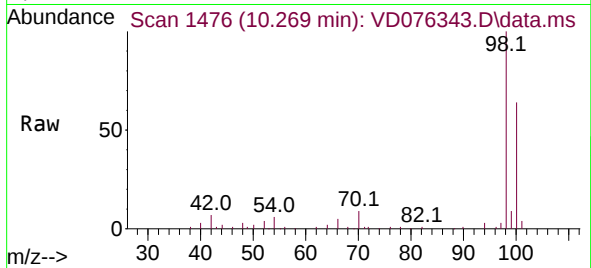




#50
Toluene-d8
Concen: 46.118 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

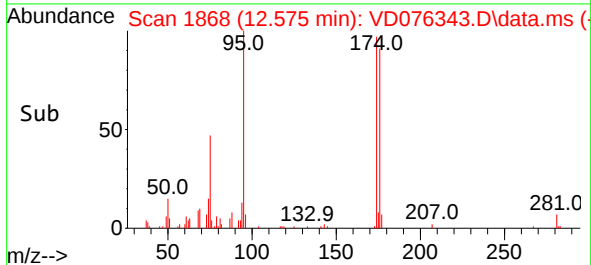
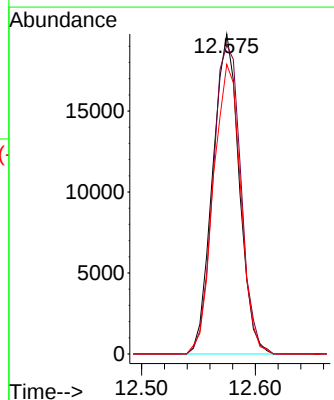
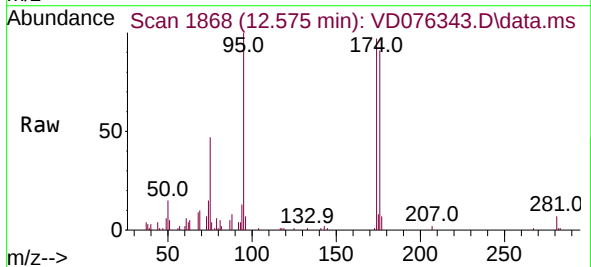
Instrument :
MSVOA_D
ClientSampleId :
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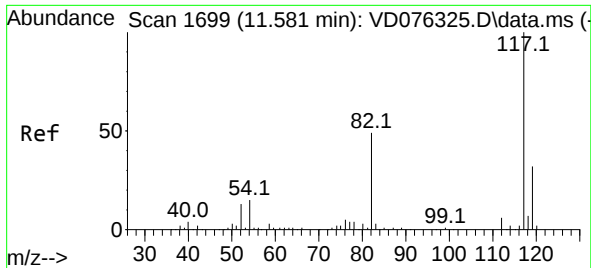
Tgt Ion: 98 Resp: 94276
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 59.166 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 95 Resp: 32008
Ion Ratio Lower Upper
95 100
174 101.4 0.0 201.8
176 93.1 0.0 191.8

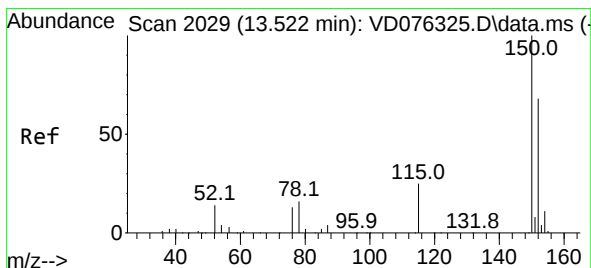
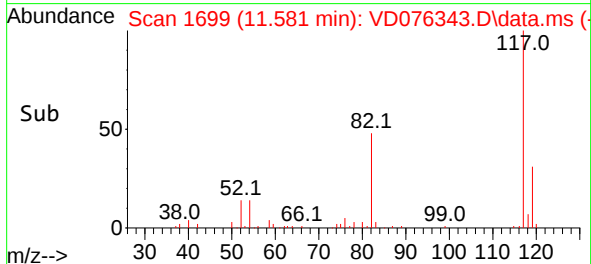
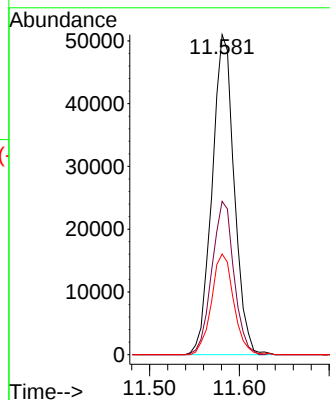
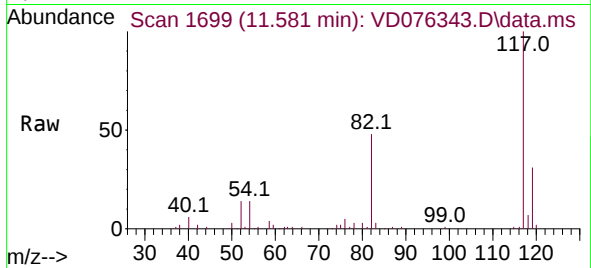




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32B

Tgt Ion:117 Resp: 87147
Ion Ratio Lower Upper
117 100
82 47.9 38.3 57.5
119 31.4 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: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion:152 Resp: 41161
Ion Ratio Lower Upper
152 100
115 51.6 27.1 81.3
150 160.5 0.0 353.6

