

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076842.D
 Acq On : 27 Jul 2023 19:04
 Operator : KP/SY
 Sample : 03787-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KINGSLAND-SUB-T2

Quant Time: Jul 28 03:00:46 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)

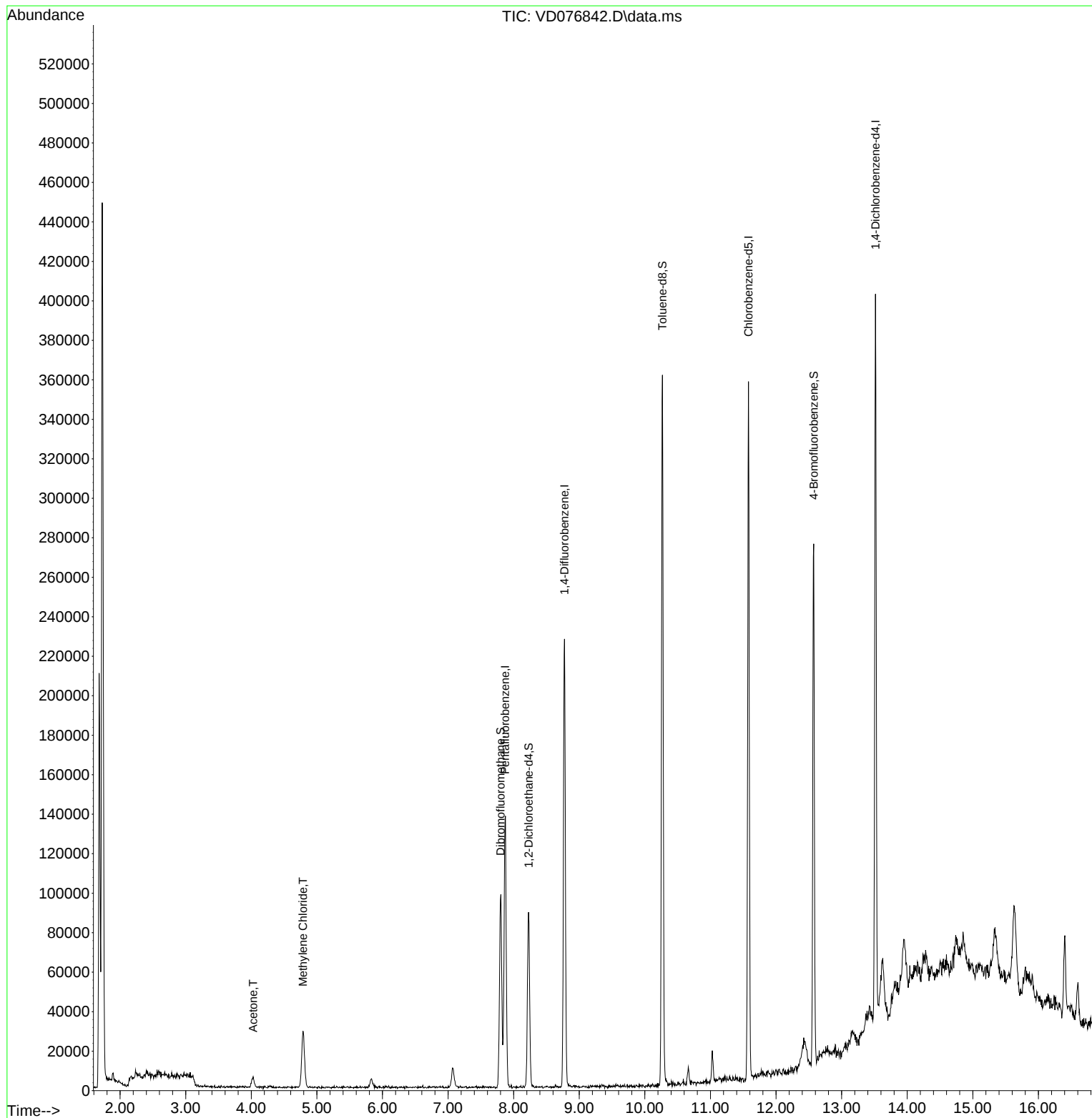
Internal Standards						
1) Pentafluorobenzene	7.869	168	105429	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	207331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68224	64.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.940%	
35) Dibromofluoromethane	7.799	113	71324	54.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.269	98	258220	55.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.800%	
62) 4-Bromofluorobenzene	12.575	95	83797	55.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.160%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	8997	35.875	ug/l	# 84
20) Methylene Chloride	4.787	84	23676	6.996	ug/l	# 81

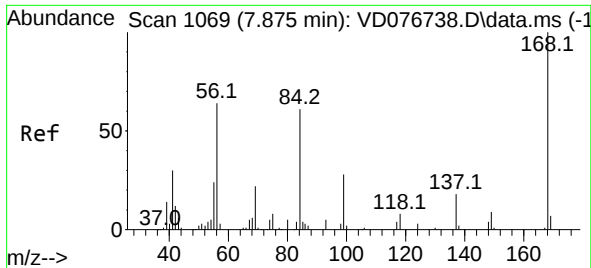
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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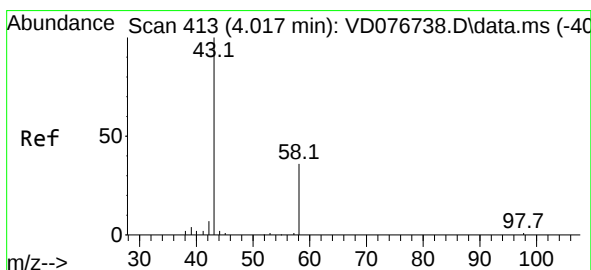
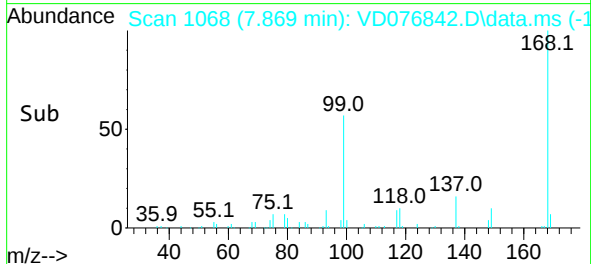
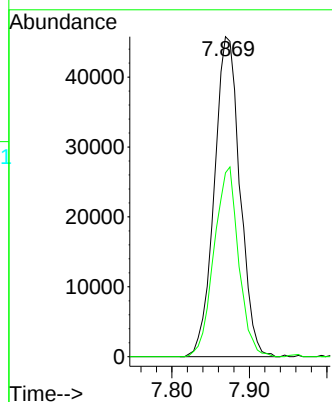
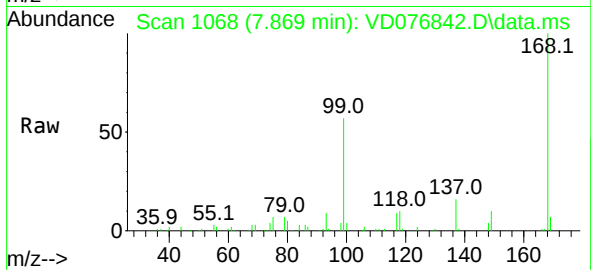




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

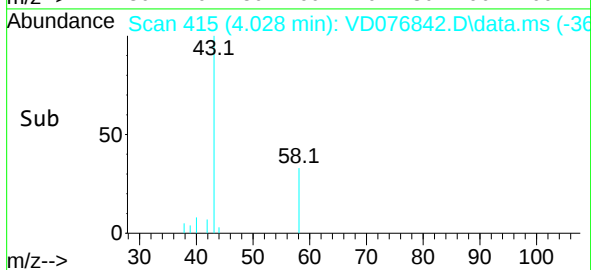
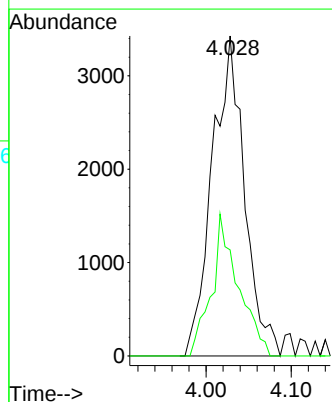
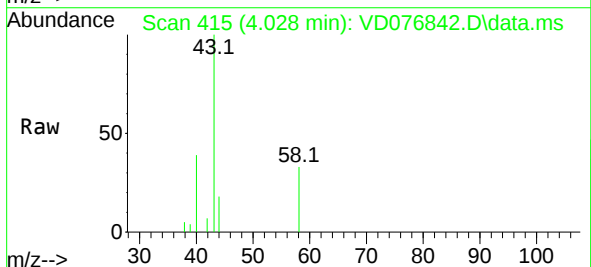
Instrument :
MSVOA_D
ClientSampleId :
KINGSLAND-SUB-T2

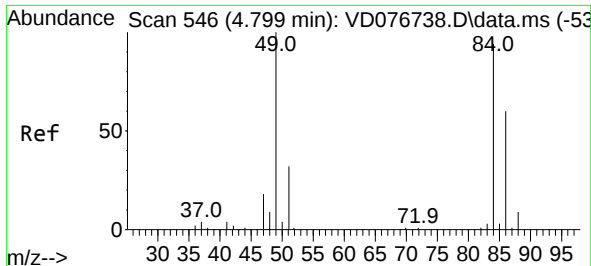
Tgt Ion:168 Resp: 105429
Ion Ratio Lower Upper
168 100
99 57.5 36.7 55.1#



#16
Acetone
Concen: 35.875 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

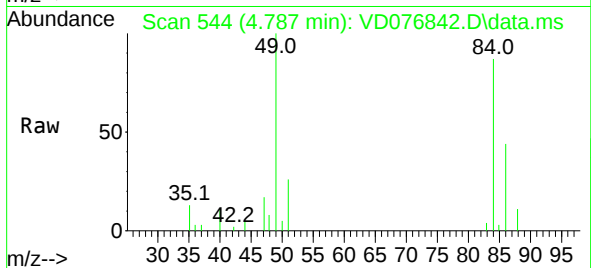
Tgt Ion: 43 Resp: 8997
Ion Ratio Lower Upper
43 100
58 33.1 34.7 52.1#



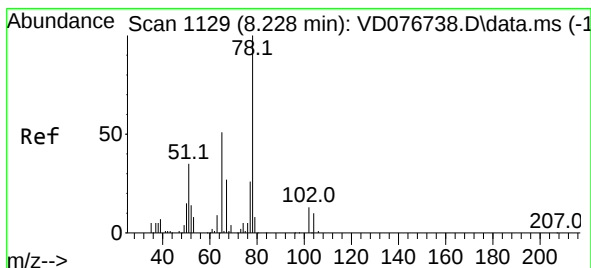
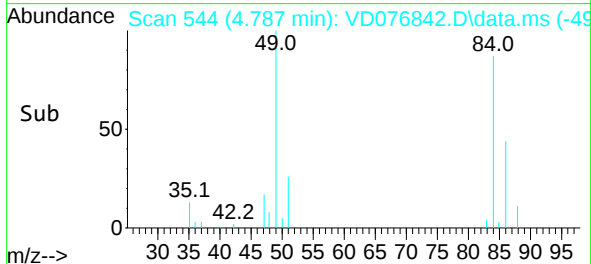
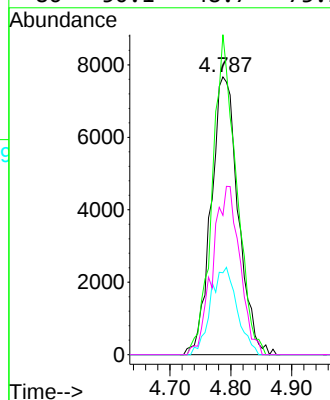


#20
Methylene Chloride
Concen: 6.996 ug/l
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :
KINGSLAND-SUB-T2

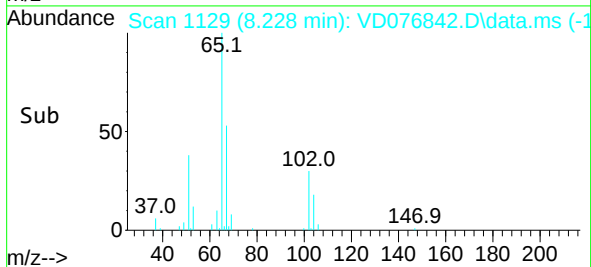
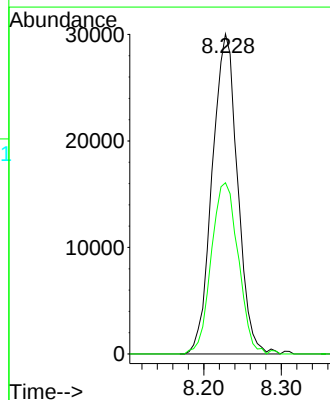
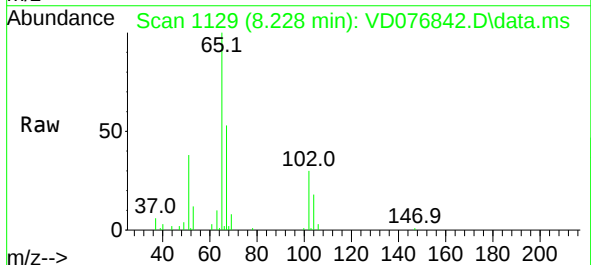


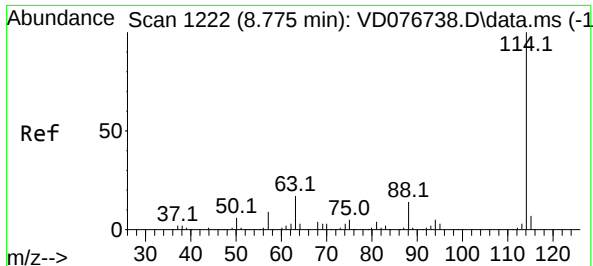
Tgt Ion: 84 Resp: 23676
Ion Ratio Lower Upper
84 100
49 115.2 71.4 107.2#
51 29.5 24.5 36.7
86 50.1 48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 64.969 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Tgt Ion: 65 Resp: 68224
Ion Ratio Lower Upper
65 100
67 56.9 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: VD076842.D

Acq: 27 Jul 2023 19:04

Instrument :

MSVOA_D

ClientSampleId :

KINGSLAND-SUB-T2

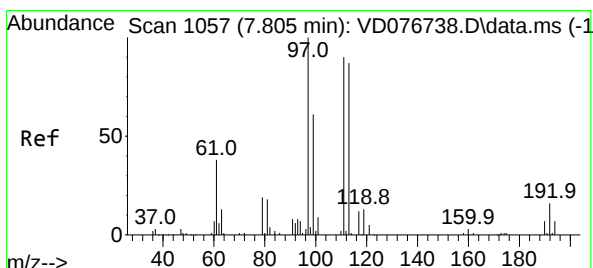
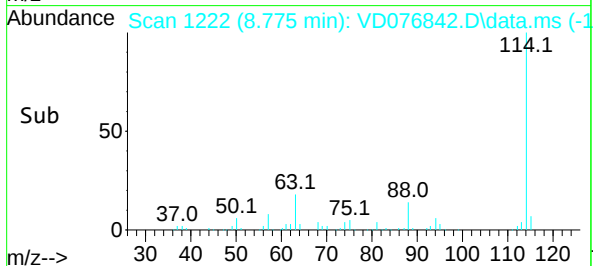
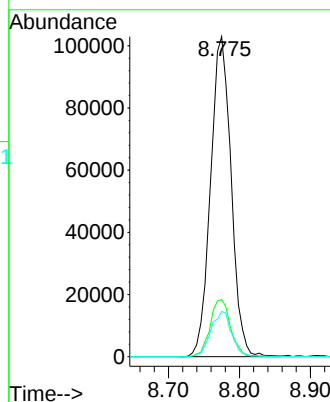
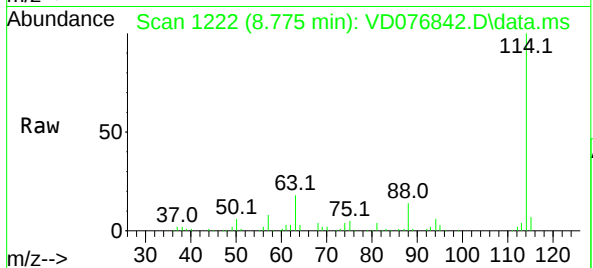
Tgt Ion:114 Resp: 207331

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.743 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076842.D

Acq: 27 Jul 2023 19:04

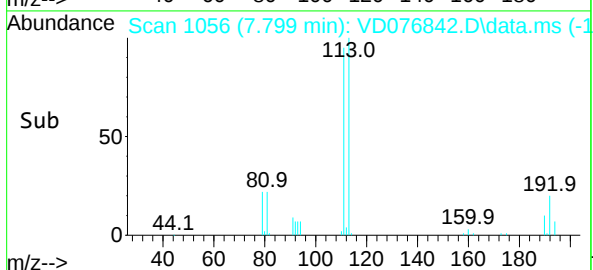
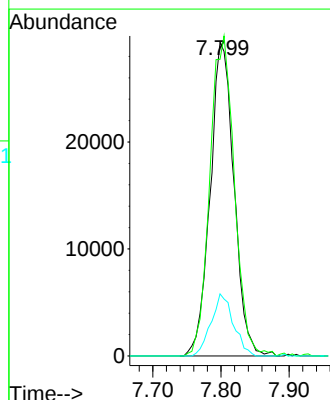
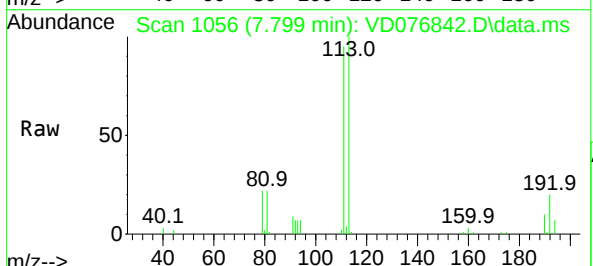
Tgt Ion:113 Resp: 71324

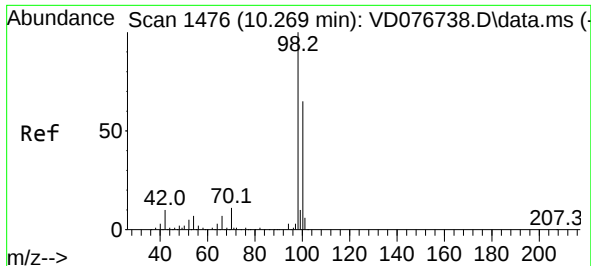
Ion Ratio Lower Upper

113 100

111 105.1 84.7 127.1

192 18.6 16.8 25.2

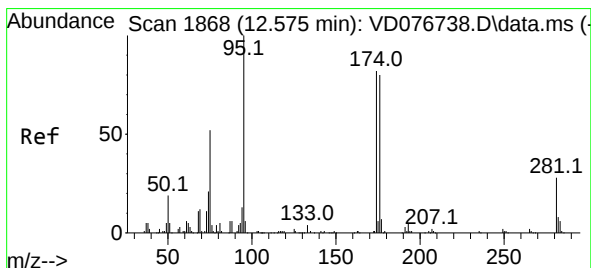
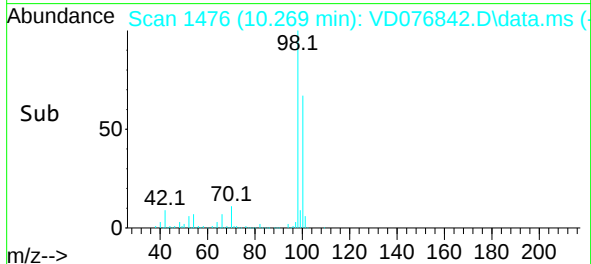
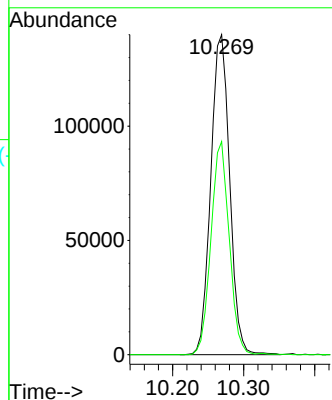
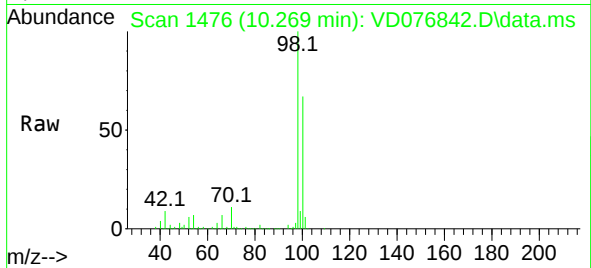




#50
Toluene-d8
Concen: 55.401 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

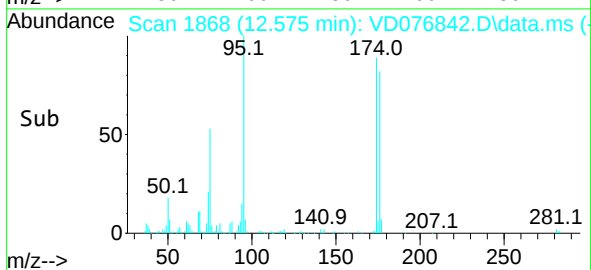
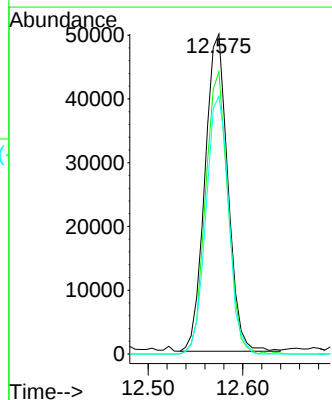
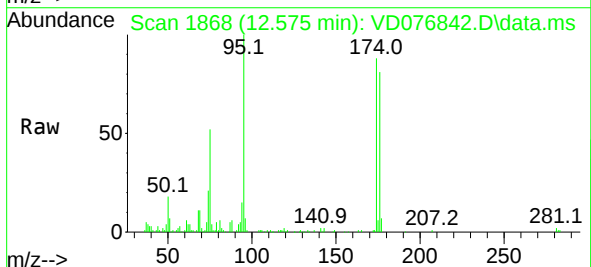
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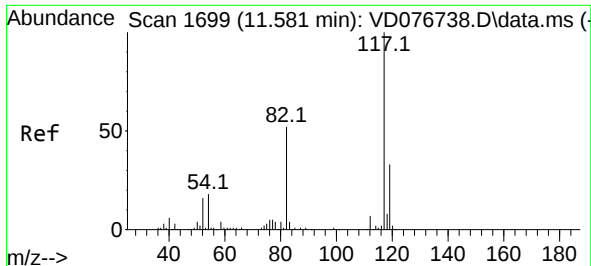
Tgt Ion: 98 Resp: 258220
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.575 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Tgt Ion: 95 Resp: 83797
Ion Ratio Lower Upper
95 100
174 86.4 0.0 201.8
176 80.5 0.0 191.8

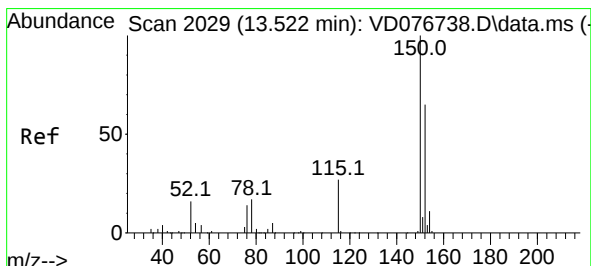
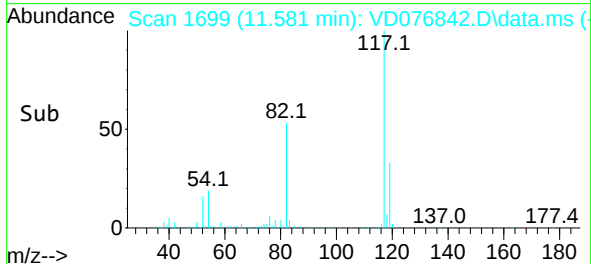
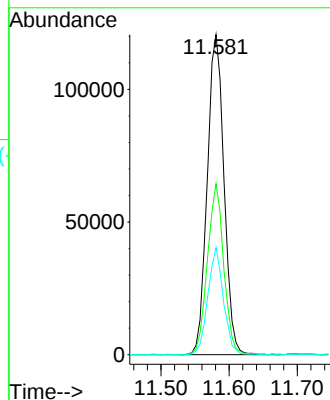
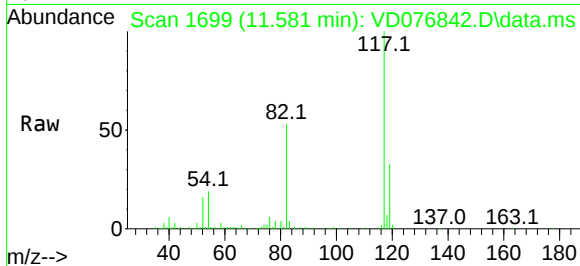




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :
KINGSLAND-SUB-T2

Tgt Ion:117 Resp: 206191
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 33.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Tgt Ion:152 Resp: 97787
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 157.0 0.0 353.6

