

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076809.D
 Acq On : 26 Jul 2023 16:46
 Operator : KP/SY
 Sample : 03769-04
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P14B

Quant Time: Jul 27 04:24:33 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)

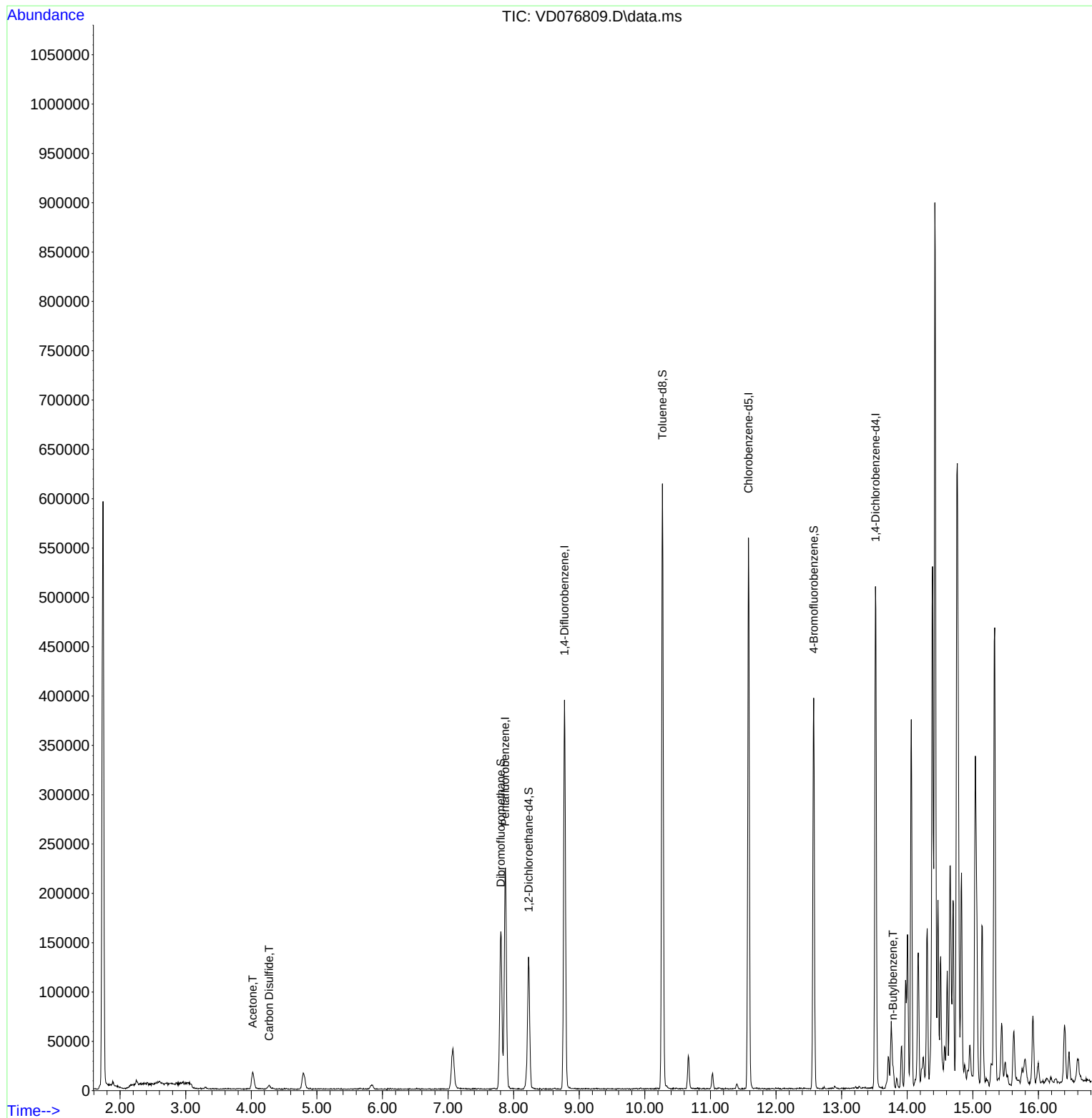
Internal Standards						
1) Pentafluorobenzene	7.869	168	177222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	362260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100326	56.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.680%
35) Dibromofluoromethane	7.804	113	116648	51.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.480%
50) Toluene-d8	10.269	98	434348	53.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.575	95	121305	46.044	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.080%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	29227	69.330	ug/l #	78
17) Carbon Disulfide	4.269	76	6839	1.672	ug/l #	93
89) n-Butylbenzene	13.781	91	15932	1.817	ug/l #	69

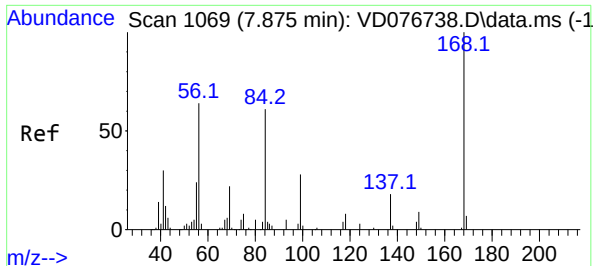
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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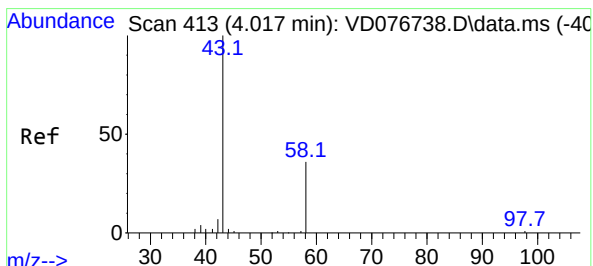
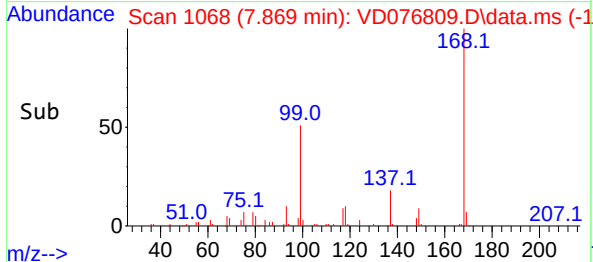
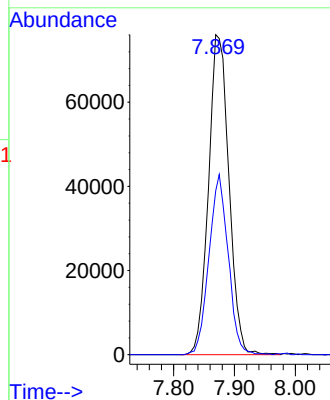
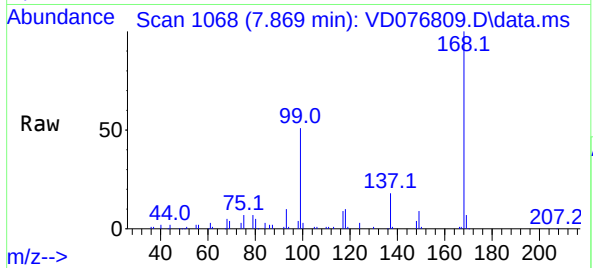




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076809.D
Acq: 26 Jul 2023 16:46

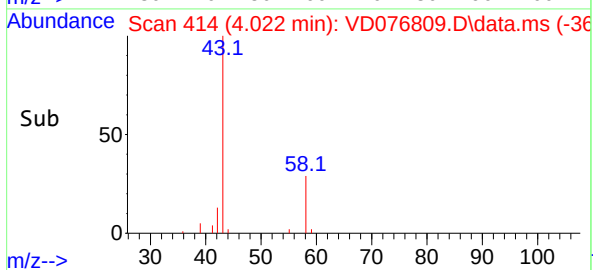
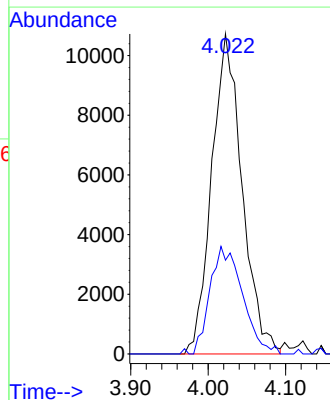
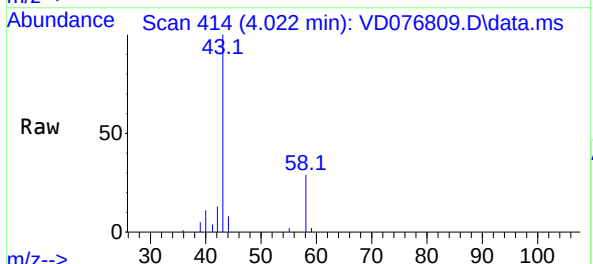
Instrument :
MSVOA_D
ClientSampleId :
B-P14B

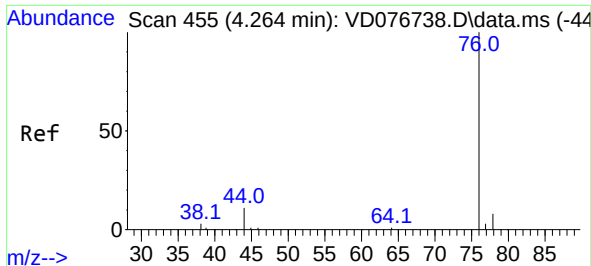
Tgt Ion:168 Resp: 177222
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#16
Acetone
Concen: 69.330 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076809.D
Acq: 26 Jul 2023 16:46

Tgt Ion: 43 Resp: 29227
Ion Ratio Lower Upper
43 100
58 29.3 34.7 52.1#

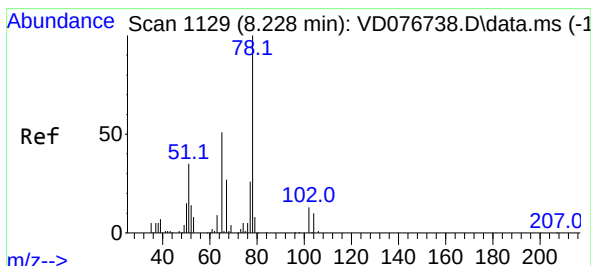
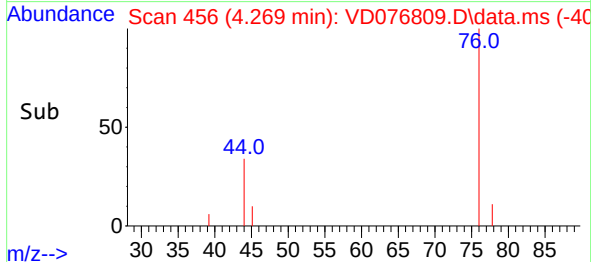
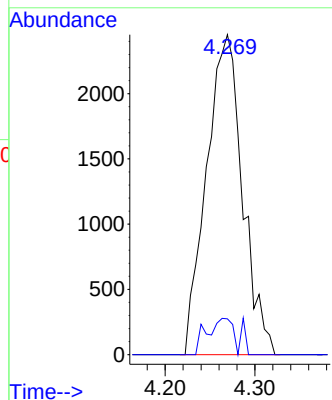
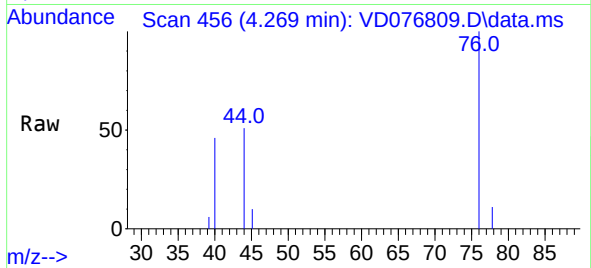




#17
Carbon Disulfide
Concen: 1.672 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD076809.D
Acq: 26 Jul 2023 16:46

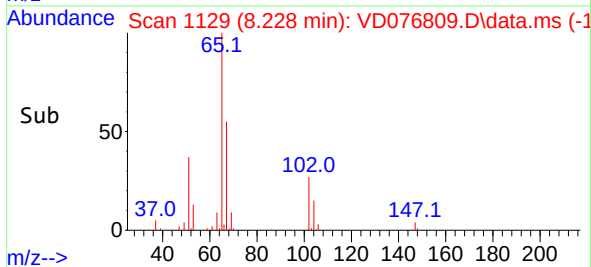
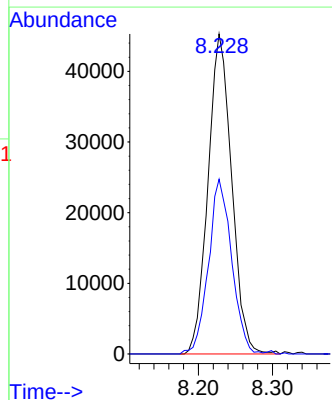
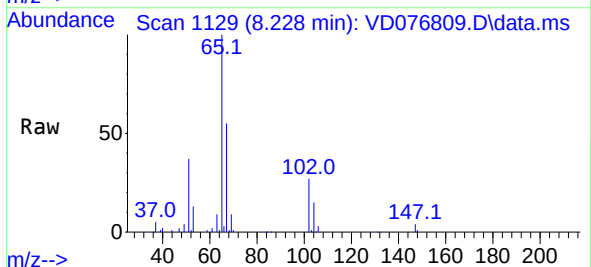
Instrument :
MSVOA_D
ClientSampleId :
B-P14B

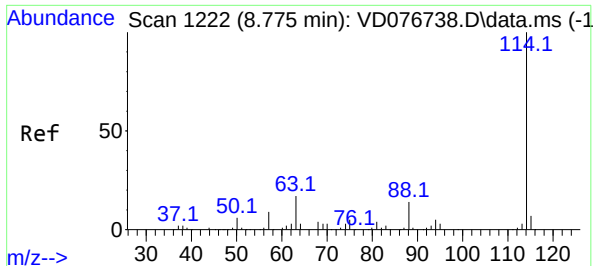
Tgt Ion: 76 Resp: 6839
Ion Ratio Lower Upper
76 100
78 11.2 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 56.836 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076809.D
Acq: 26 Jul 2023 16:46

Tgt Ion: 65 Resp: 100326
Ion Ratio Lower Upper
65 100
67 53.5 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: VD076809.D

Acq: 26 Jul 2023 16:46

Instrument :

MSVOA_D

ClientSampleId :

B-P14B

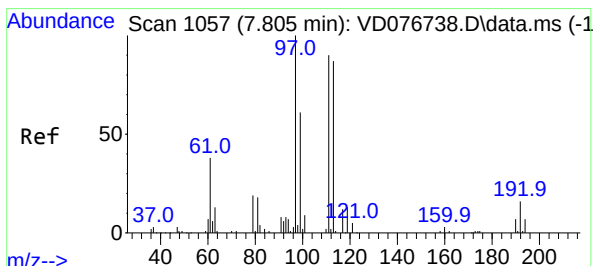
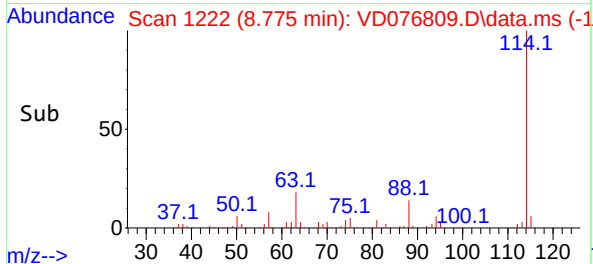
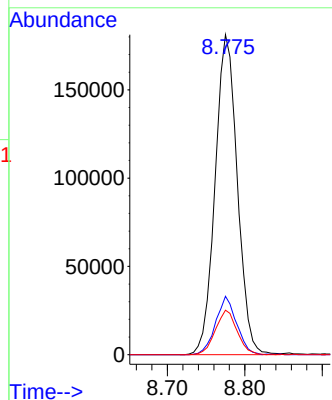
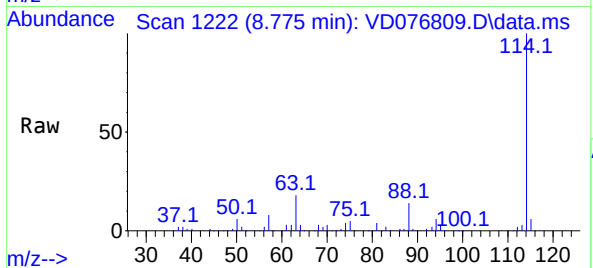
Tgt Ion:114 Resp: 362260

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.241 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076809.D

Acq: 26 Jul 2023 16:46

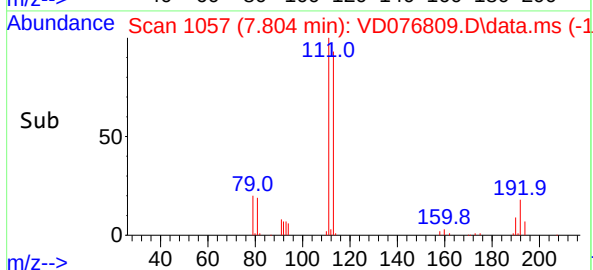
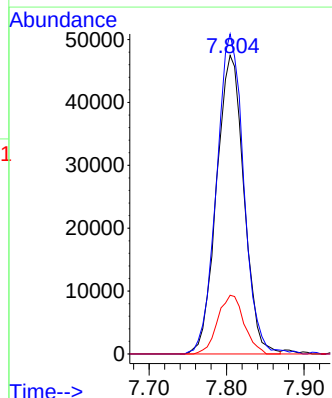
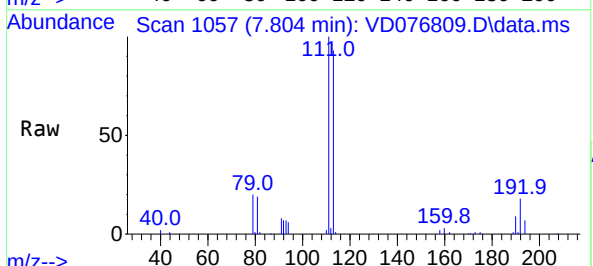
Tgt Ion:113 Resp: 116648

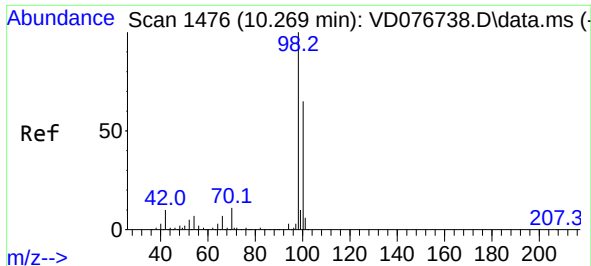
Ion Ratio Lower Upper

113 100

111 106.6 84.7 127.1

192 19.0 16.8 25.2

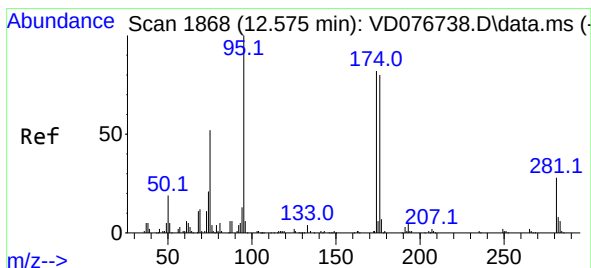
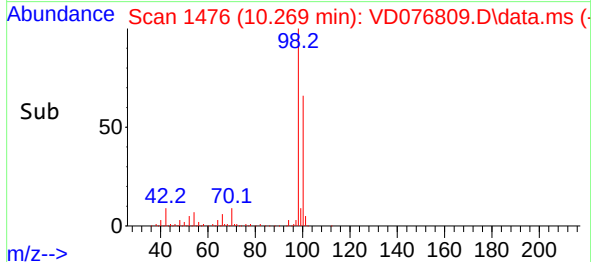
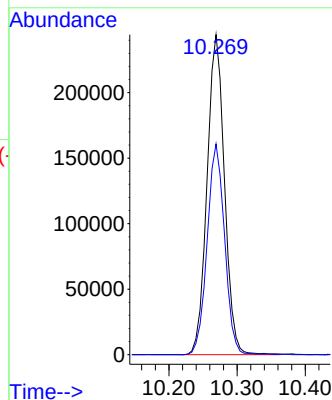
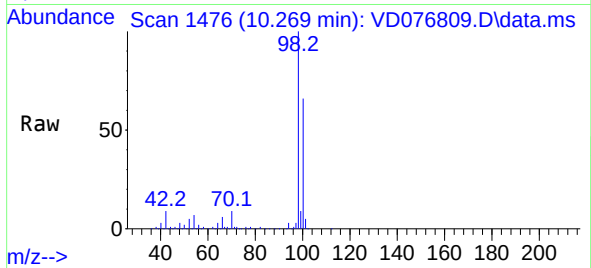




#50
Toluene-d8
Concen: 53.335 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076809.D
Acq: 26 Jul 2023 16:46

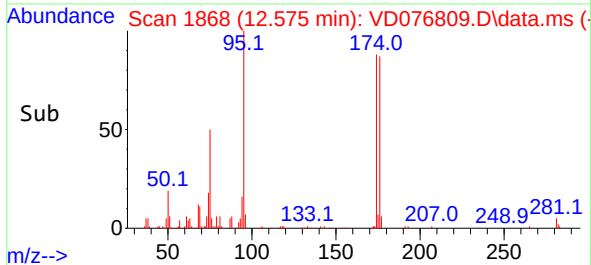
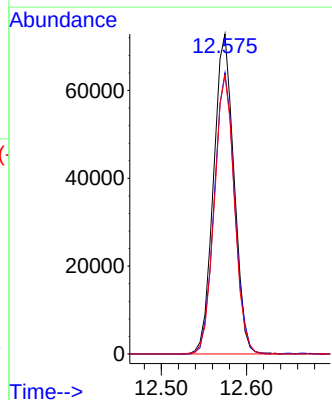
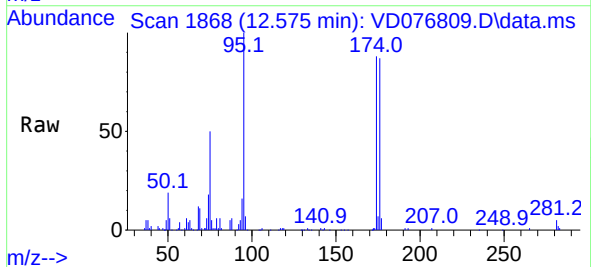
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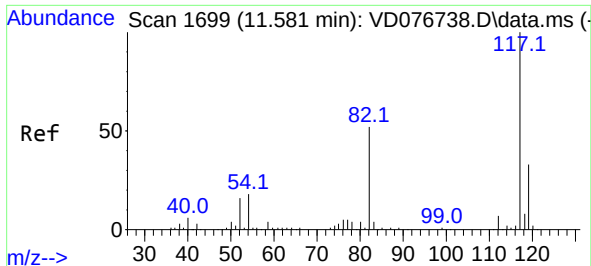
Tgt Ion: 98 Resp: 434348
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.044 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076809.D
Acq: 26 Jul 2023 16:46

Tgt Ion: 95 Resp: 121305
Ion Ratio Lower Upper
95 100
174 87.4 0.0 201.8
176 85.5 0.0 191.8

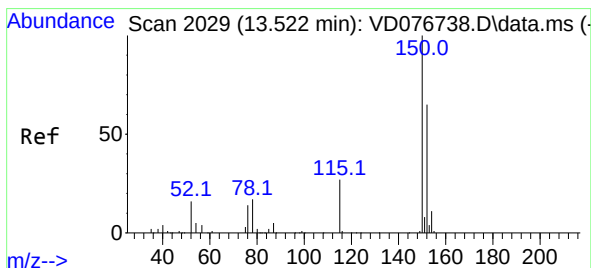
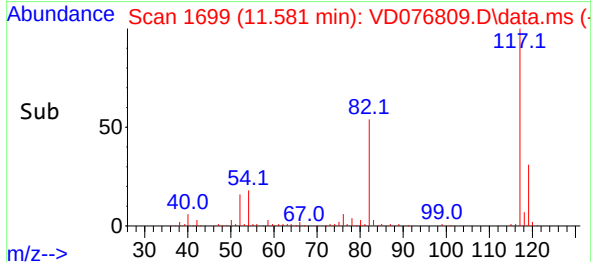
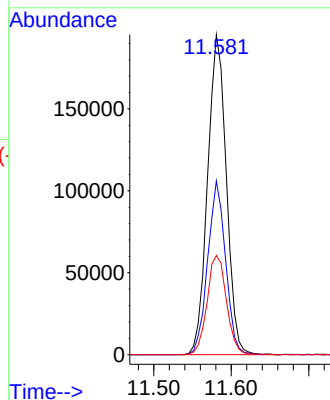
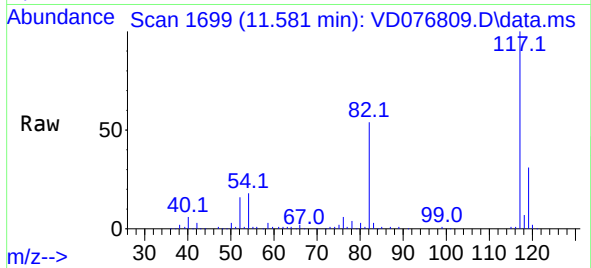




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076809.D
Acq: 26 Jul 2023 16:46

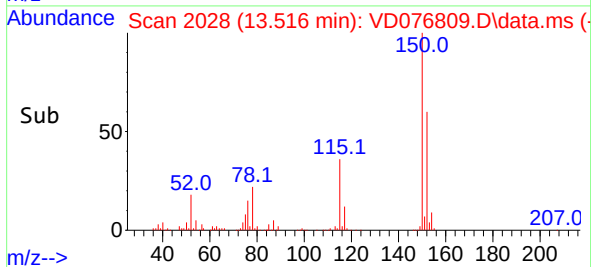
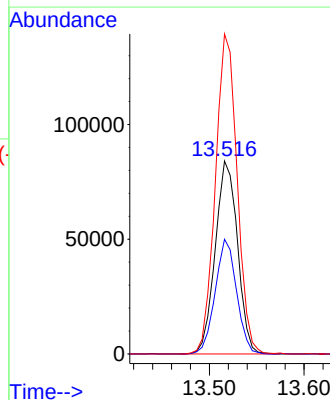
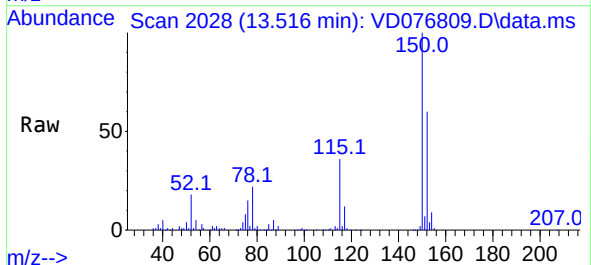
Instrument :
MSVOA_D
ClientSampleId :
B-P14B

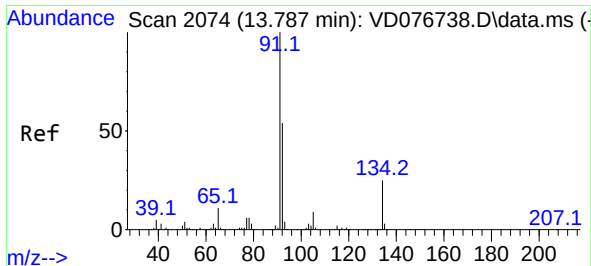
Tgt Ion:117 Resp: 328759
Ion Ratio Lower Upper
117 100
82 54.3 38.3 57.5
119 31.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076809.D
Acq: 26 Jul 2023 16:46

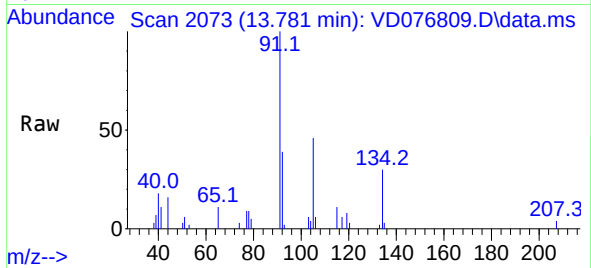
Tgt Ion:152 Resp: 137456
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 162.0 0.0 353.6





#89
 n-Butylbenzene
 Concen: 1.817 ug/l
 RT: 13.781 min Scan# 2073
 Delta R.T. -0.006 min
 Lab File: VD076809.D
 Acq: 26 Jul 2023 16:46

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P14B



Tgt Ion:	91	Resp:	15932
Ion	Ratio	Lower	Upper
91	100		
92	38.9	26.5	79.5
134	0.0	13.8	41.3

