

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076792.D
 Acq On : 19 Jul 2023 15:54
 Operator : KP/SY
 Sample : 03657-03
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BERGENSWITCH-COMP2

Quant Time: Jul 20 05:00:14 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)

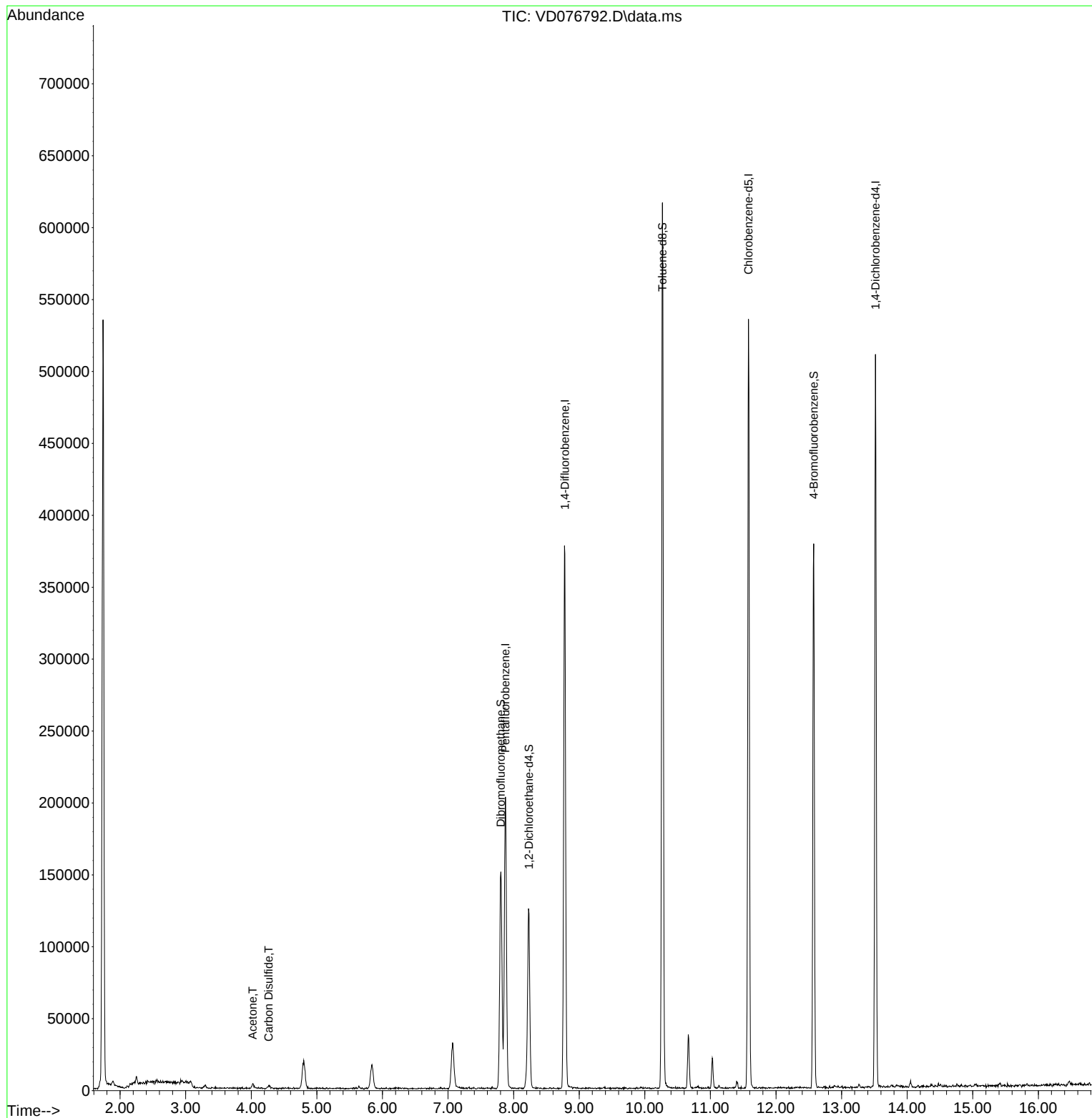
Internal Standards						
1) Pentafluorobenzene	7.875	168	153561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	345762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	322126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93379	61.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.100%
35) Dibromofluoromethane	7.805	113	113166	52.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.160%
50) Toluene-d8	10.269	98	434642	55.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.840%
62) 4-Bromofluorobenzene	12.575	95	116367	46.278	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.560%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	4683	12.820	ug/l	93
17) Carbon Disulfide	4.264	76	3674	1.037	ug/l #	77

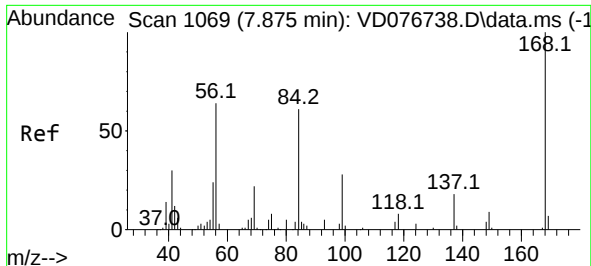
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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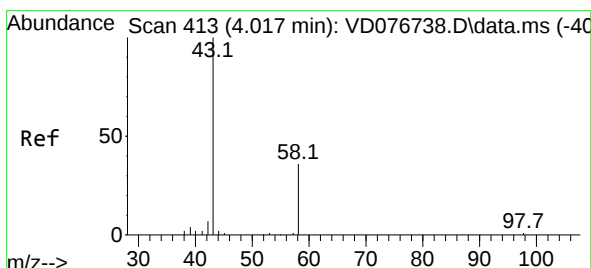
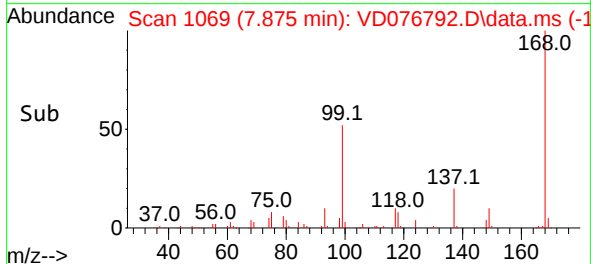
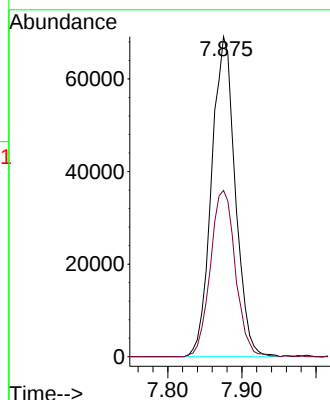
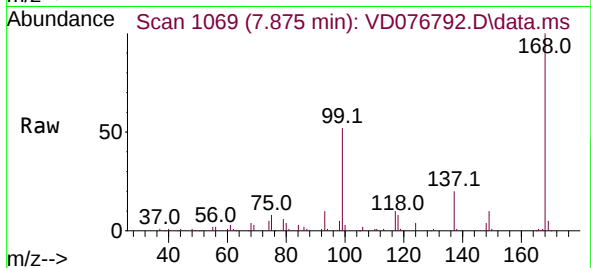




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076792.D
Acq: 19 Jul 2023 15:54

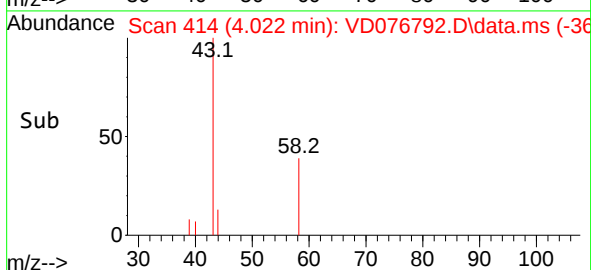
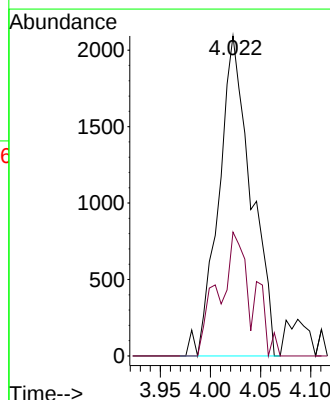
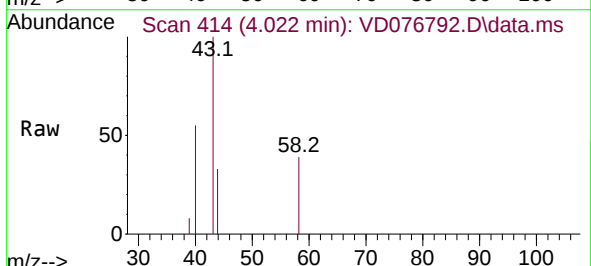
Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP2

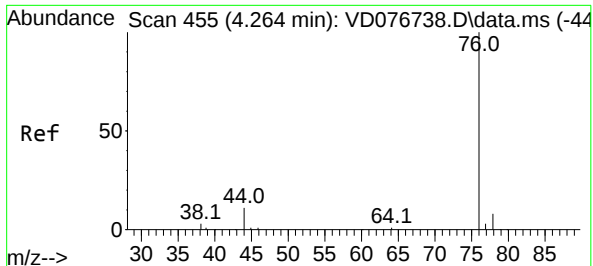
Tgt Ion:168 Resp: 153561
Ion Ratio Lower Upper
168 100
99 51.9 36.7 55.1



#16
Acetone
Concen: 12.820 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076792.D
Acq: 19 Jul 2023 15:54

Tgt Ion: 43 Resp: 4683
Ion Ratio Lower Upper
43 100
58 38.7 34.7 52.1

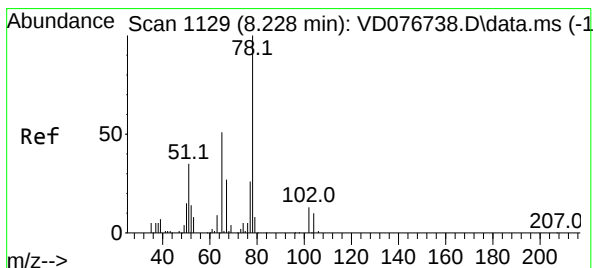
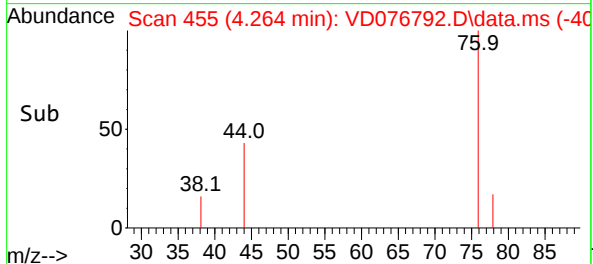
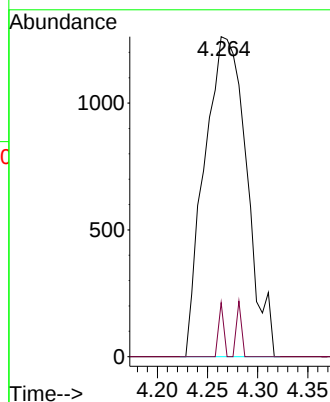
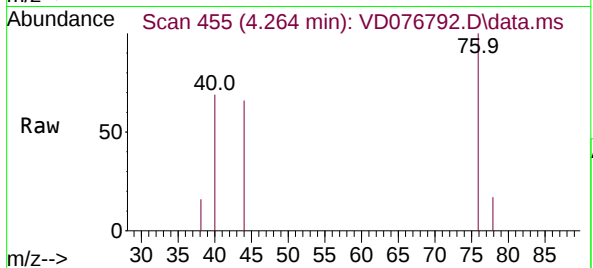




#17
Carbon Disulfide
Concen: 1.037 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076792.D
Acq: 19 Jul 2023 15:54

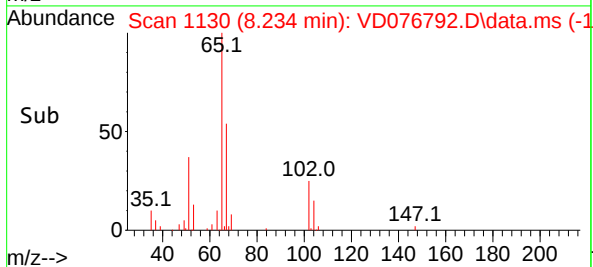
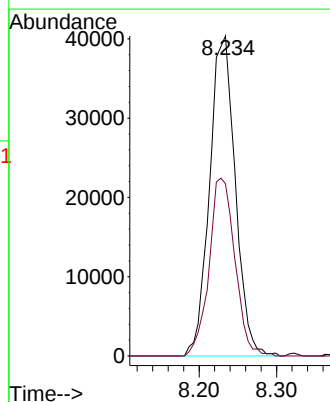
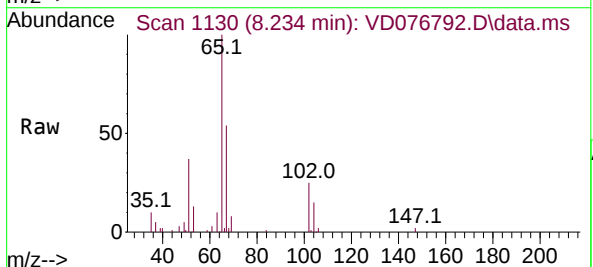
Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP2

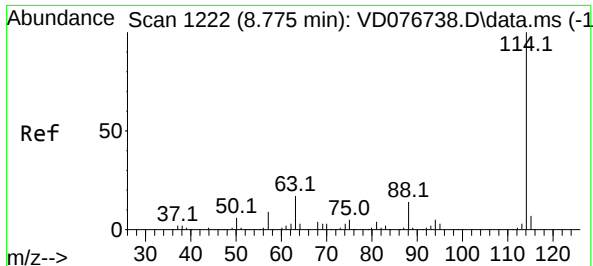
Tgt Ion: 76 Resp: 3674
Ion Ratio Lower Upper
76 100
78 16.9 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 61.051 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076792.D
Acq: 19 Jul 2023 15:54

Tgt Ion: 65 Resp: 93379
Ion Ratio Lower Upper
65 100
67 55.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076792.D

Acq: 19 Jul 2023 15:54

Instrument :

MSVOA_D

ClientSampleId :

BERGENSWITCH-COMP2

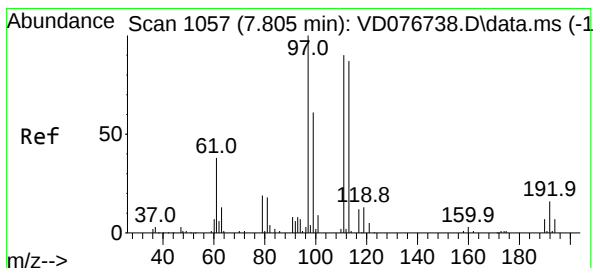
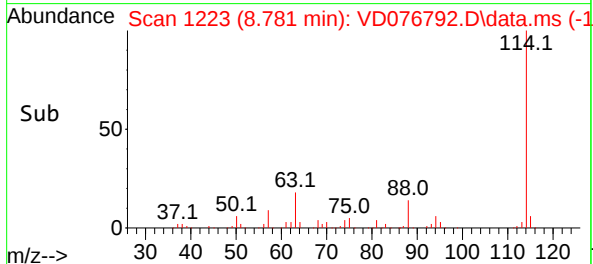
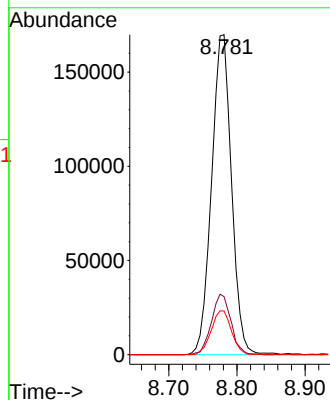
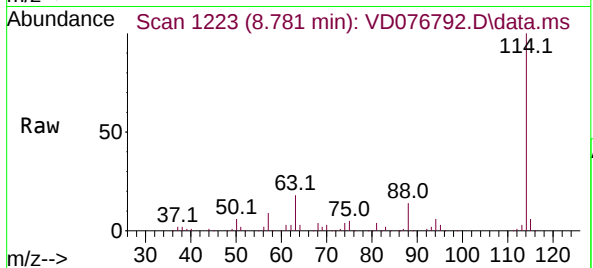
Tgt Ion:114 Resp: 345762

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.083 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076792.D

Acq: 19 Jul 2023 15:54

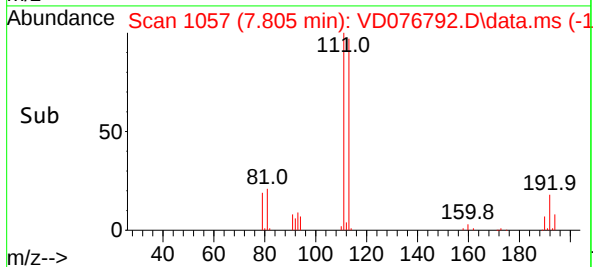
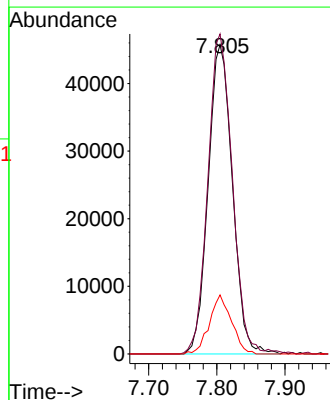
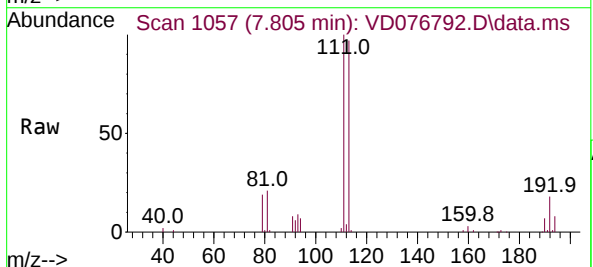
Tgt Ion:113 Resp: 113166

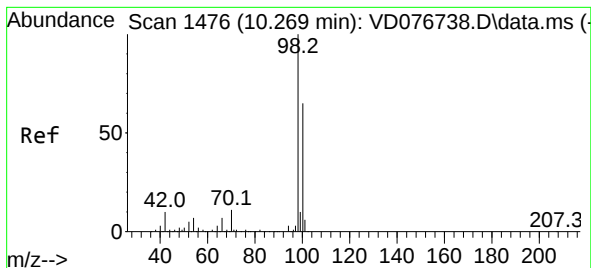
Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 17.4 16.8 25.2





#50

Toluene-d8

Concen: 55.918 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076792.D

Acq: 19 Jul 2023 15:54

Instrument :

MSVOA_D

ClientSampleId :

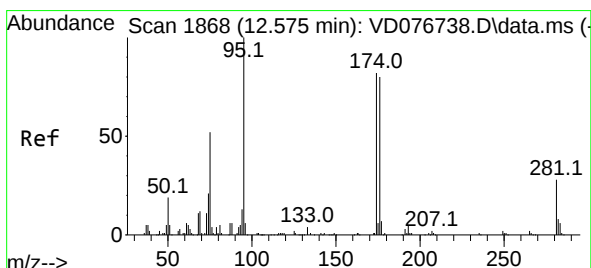
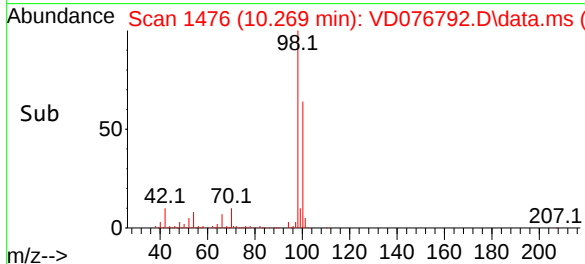
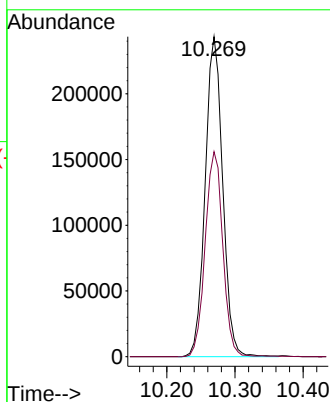
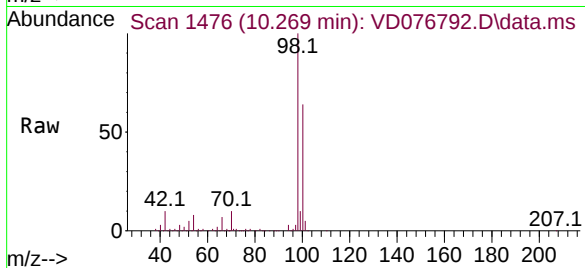
BERGENSWITCH-COMP2

Tgt Ion: 98 Resp: 434642

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 46.278 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076792.D

Acq: 19 Jul 2023 15:54

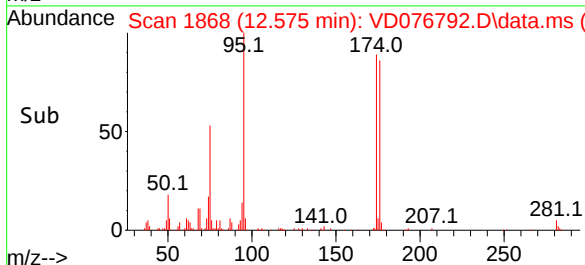
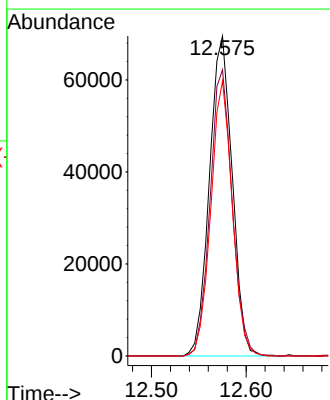
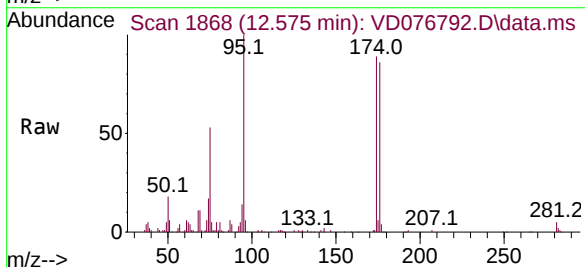
Tgt Ion: 95 Resp: 116367

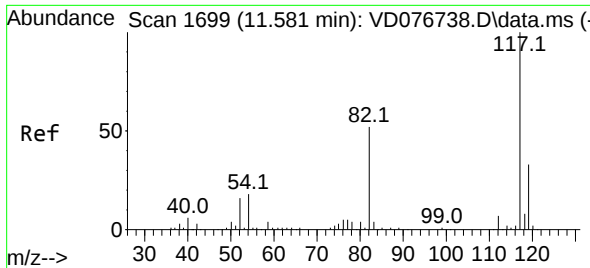
Ion Ratio Lower Upper

95 100

174 86.9 0.0 201.8

176 80.9 0.0 191.8

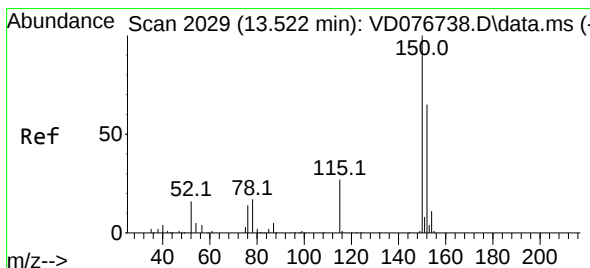
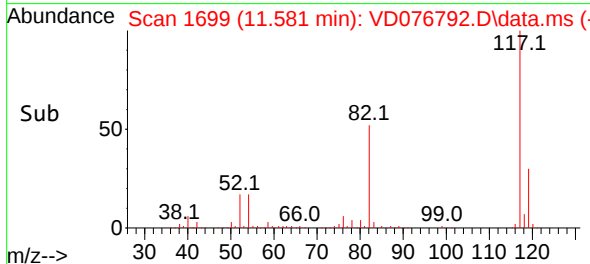
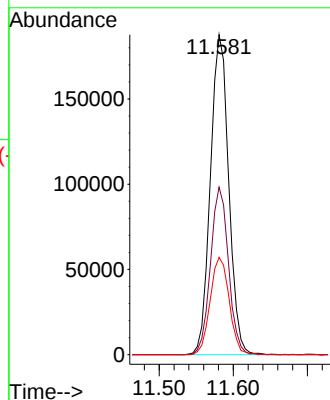
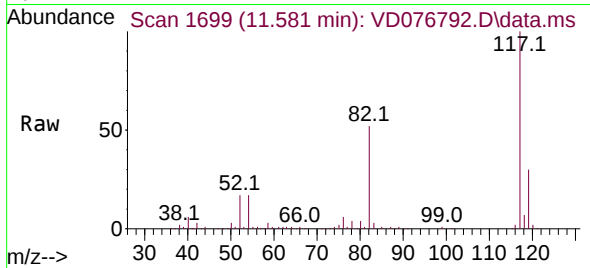




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076792.D
Acq: 19 Jul 2023 15:54

Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP2

Tgt Ion:117 Resp: 322126
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 30.4 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: VD076792.D
Acq: 19 Jul 2023 15:54

Tgt Ion:152 Resp: 132750
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 159.8 0.0 353.6

