

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075063.D
 Acq On : 28 Dec 2022 13:59
 Operator : KP/SY
 Sample : N6220-01
 Misc : 3.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Dec 29 03:50:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

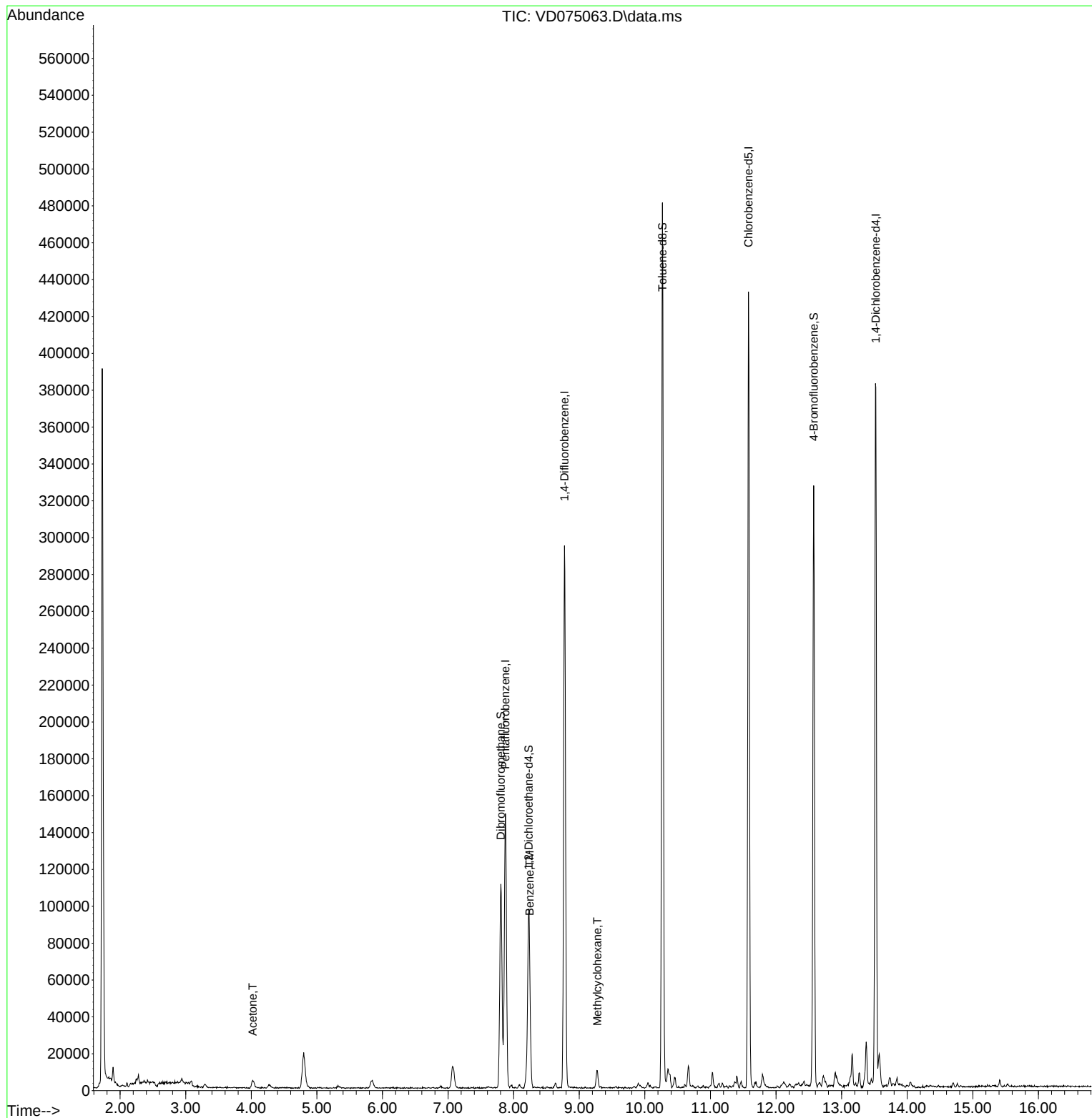
Internal Standards						
1) Pentafluorobenzene	7.875	168	112783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	264268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68958	62.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.100%
35) Dibromofluoromethane	7.804	113	81947	52.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.400%
50) Toluene-d8	10.269	98	327012	52.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.575	95	108371	53.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.480%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	7709	26.924	ug/l	100
39) Methylcyclohexane	9.275	83	4170	1.709	ug/l #	81
40) Benzene	8.246	78	16136	2.639	ug/l	97

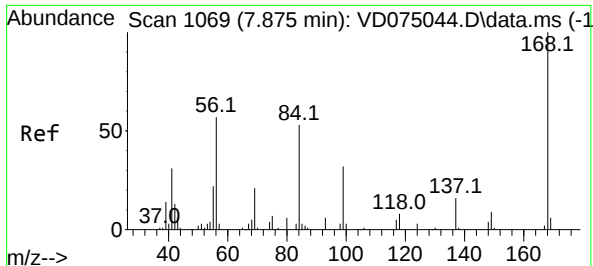
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
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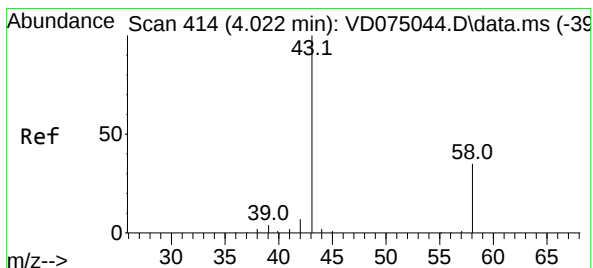
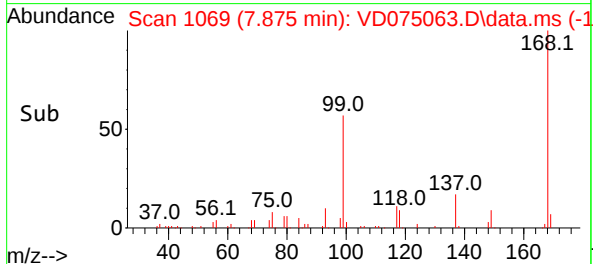
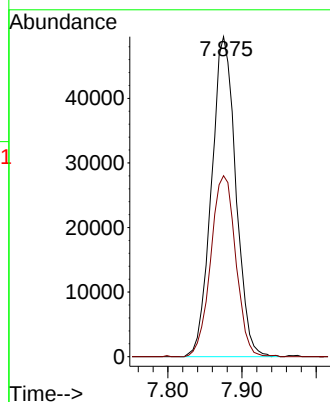
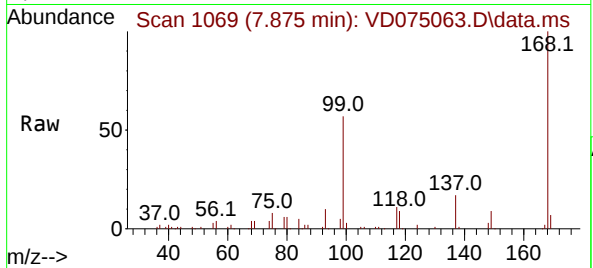




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075063.D
Acq: 28 Dec 2022 13:59

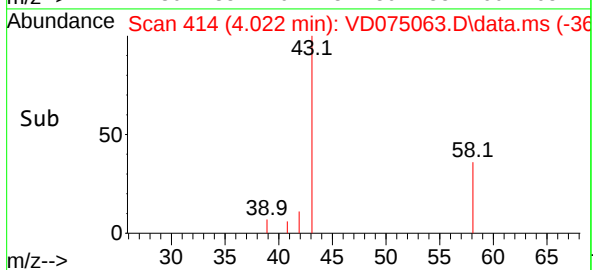
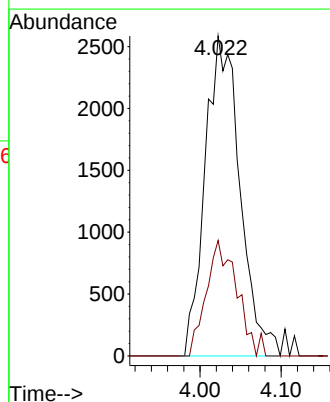
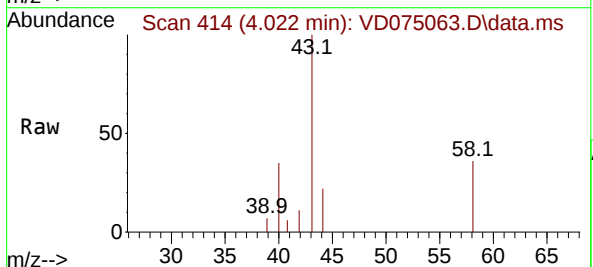
Instrument :
MSVOA_D
ClientSampleId :
TP-1

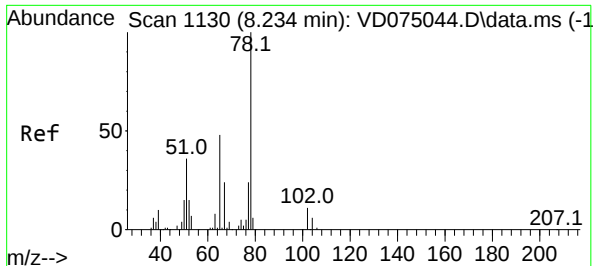
Tgt Ion:168 Resp: 112783
Ion Ratio Lower Upper
168 100
99 56.5 40.3 60.5



#16
Acetone
Concen: 26.924 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075063.D
Acq: 28 Dec 2022 13:59

Tgt Ion: 43 Resp: 7709
Ion Ratio Lower Upper
43 100
58 36.1 28.6 43.0





#33

1,2-Dichloroethane-d4

Concen: 62.552 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075063.D

Acq: 28 Dec 2022 13:59

Instrument :

MSVOA_D

ClientSampleId :

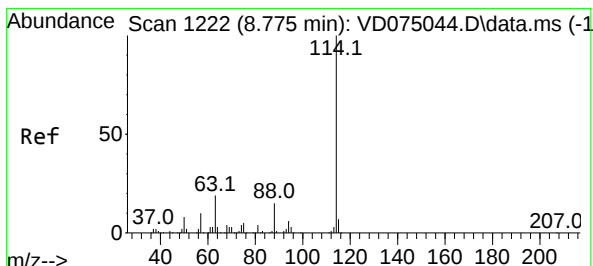
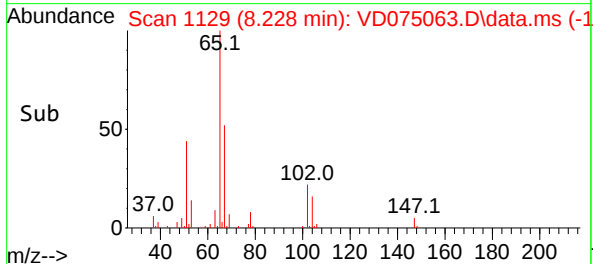
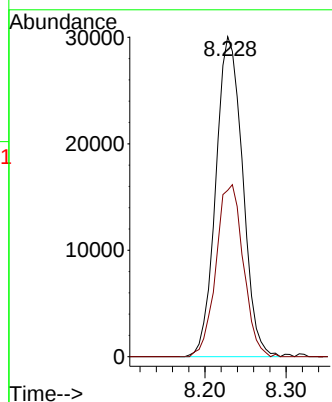
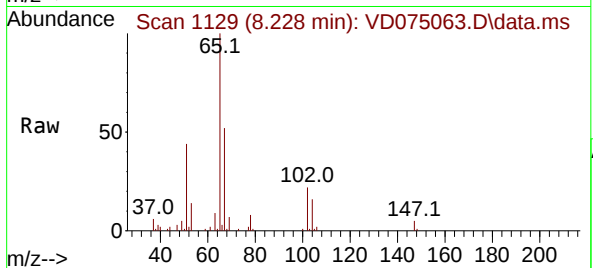
TP-1

Tgt Ion: 65 Resp: 68958

Ion Ratio Lower Upper

65 100

67 54.7 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075063.D

Acq: 28 Dec 2022 13:59

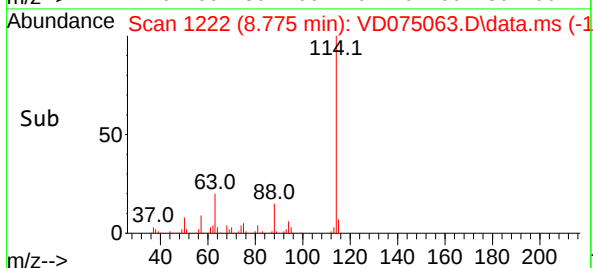
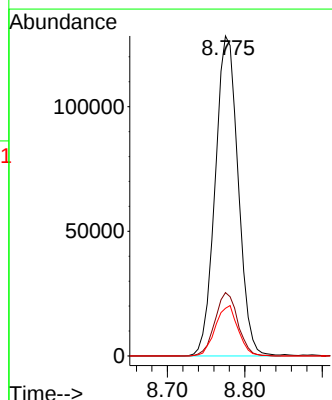
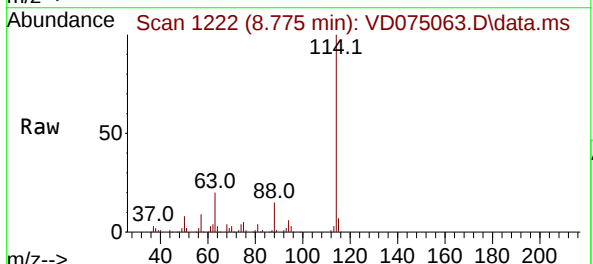
Tgt Ion: 114 Resp: 264268

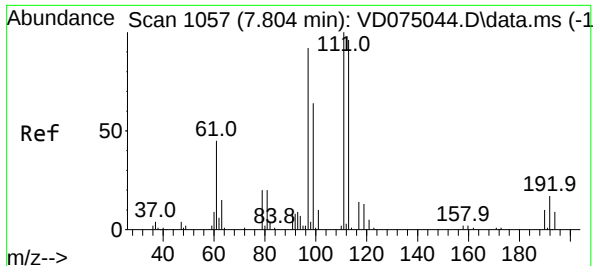
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.8

88 14.9 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.697 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075063.D

Acq: 28 Dec 2022 13:59

Instrument :

MSVOA_D

ClientSampleId :

TP-1

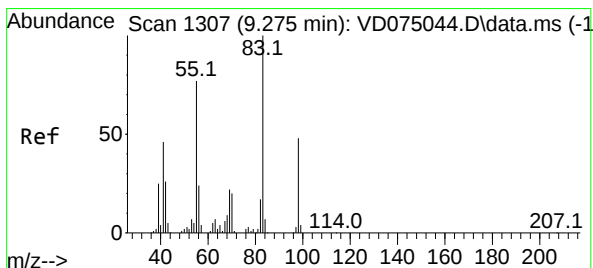
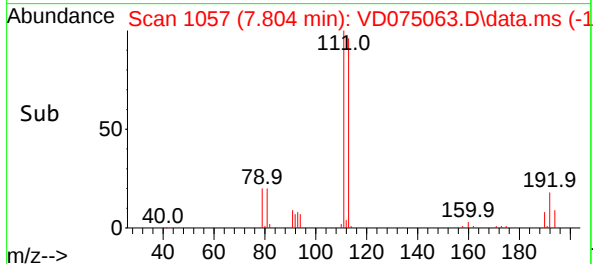
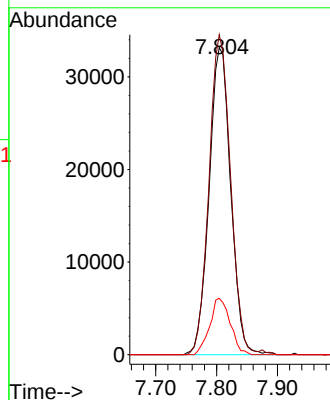
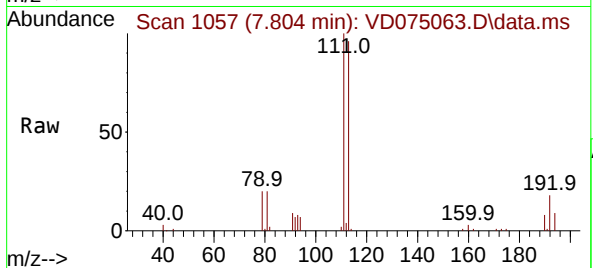
Tgt Ion:113 Resp: 81947

Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

192 17.4 15.1 22.7



#39

Methylcyclohexane

Concen: 1.709 ug/l

RT: 9.275 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VD075063.D

Acq: 28 Dec 2022 13:59

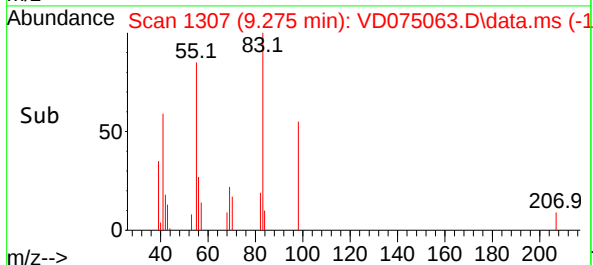
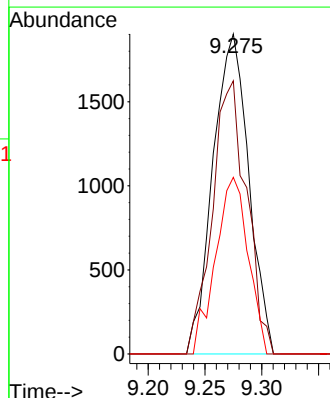
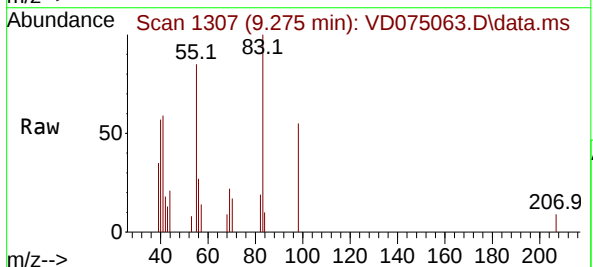
Tgt Ion: 83 Resp: 4170

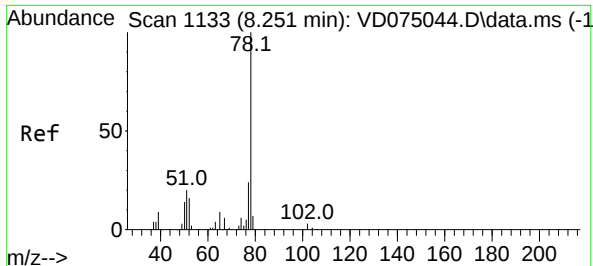
Ion Ratio Lower Upper

83 100

55 85.3 53.1 79.7#

98 55.2 37.5 56.3





#40

Benzene

Concen: 2.639 ug/l

RT: 8.246 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD075063.D

Acq: 28 Dec 2022 13:59

Instrument :

MSVOA_D

ClientSampleId :

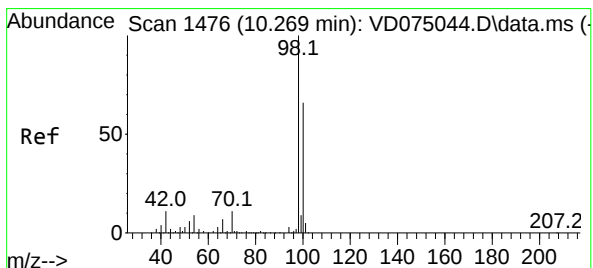
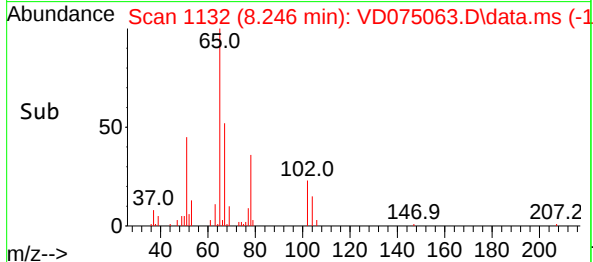
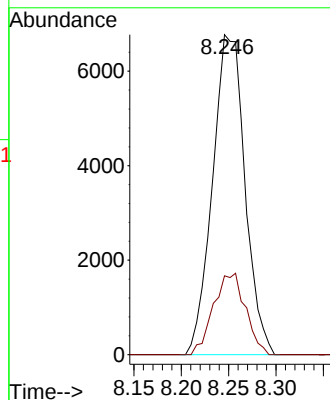
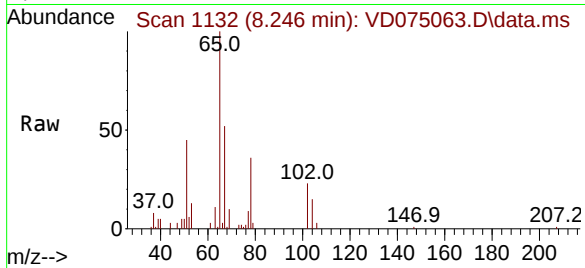
TP-1

Tgt Ion: 78 Resp: 16136

Ion Ratio Lower Upper

78 100

77 24.7 18.6 27.8



#50

Toluene-d8

Concen: 52.045 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075063.D

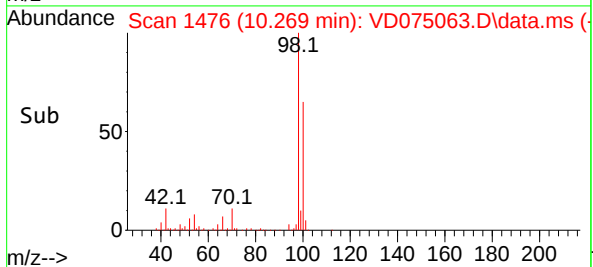
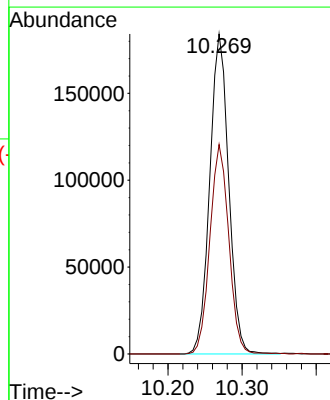
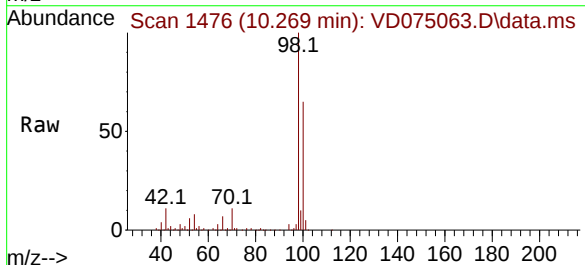
Acq: 28 Dec 2022 13:59

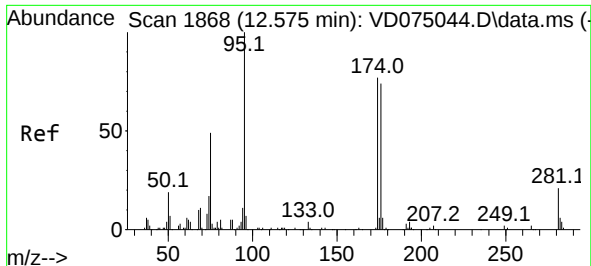
Tgt Ion: 98 Resp: 327012

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2

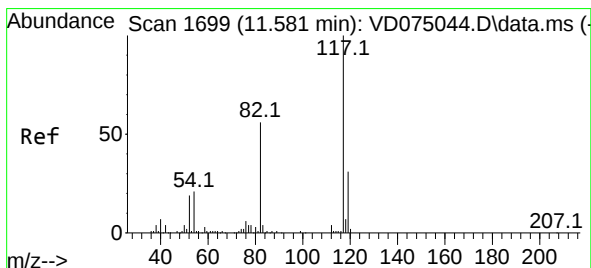
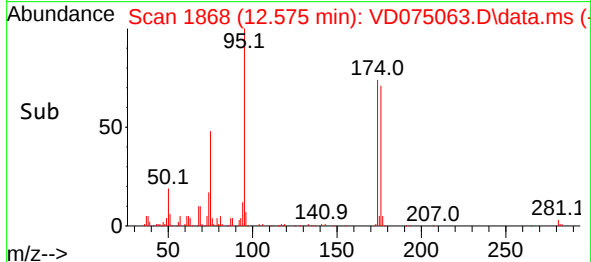
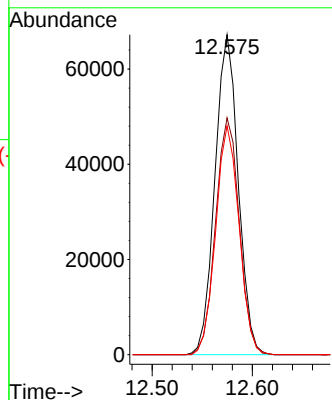
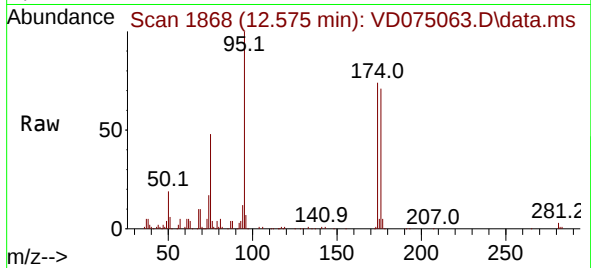




#62
4-Bromofluorobenzene
Concen: 53.240 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075063.D
Acq: 28 Dec 2022 13:59

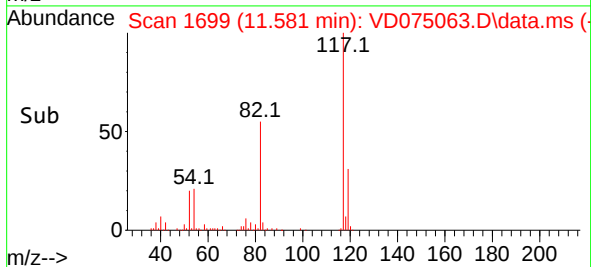
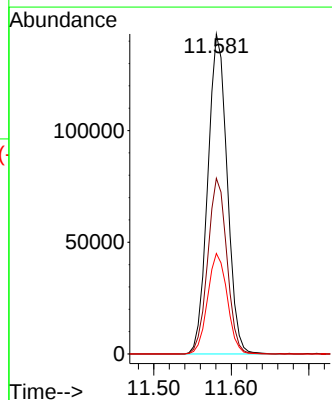
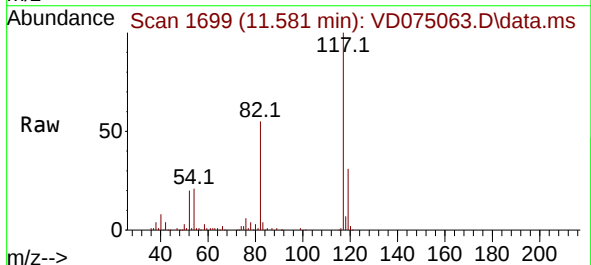
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TP-1

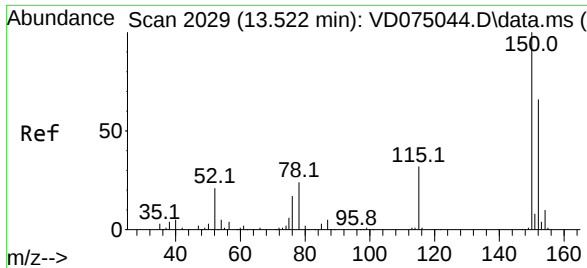
Tgt Ion: 95 Resp: 108371
Ion Ratio Lower Upper
95 100
174 75.2 0.0 171.2
176 71.9 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075063.D
Acq: 28 Dec 2022 13:59

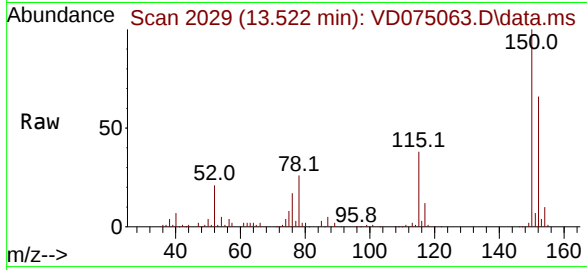
Tgt Ion: 117 Resp: 248255
Ion Ratio Lower Upper
117 100
82 54.9 40.9 61.3
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD075063.D
 Acq: 28 Dec 2022 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1



Tgt Ion:152 Resp: 106312
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.8 86.5
 150 154.3 0.0 354.2

