

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075007.D
 Acq On : 21 Nov 2022 16:48
 Operator : VA/SY
 Sample : N5735-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-111822

Quant Time: Nov 22 00:19:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

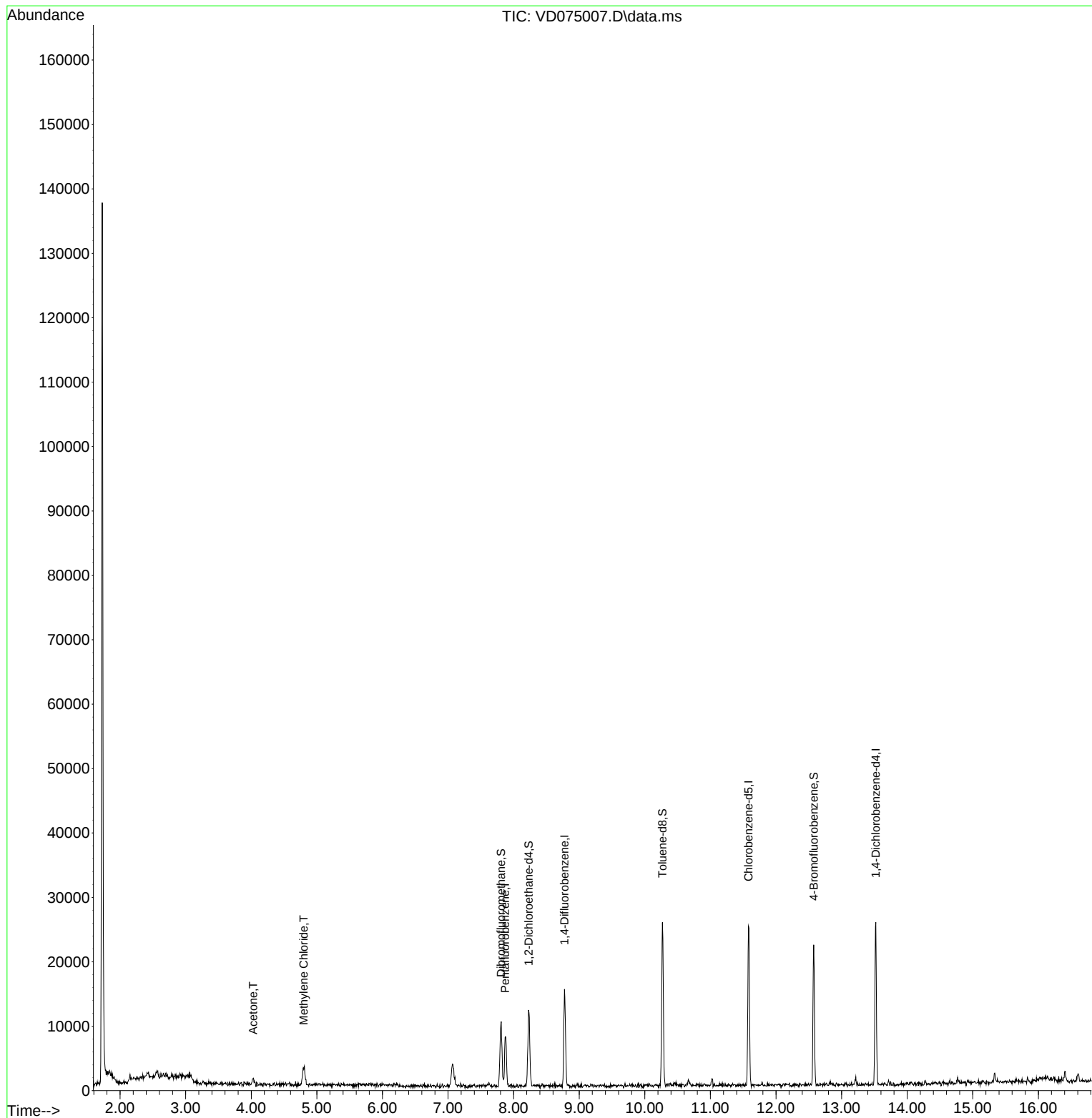
Internal Standards						
1) Pentafluorobenzene	7.869	168	7644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	15534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9580	207.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 414.500%#	
35) Dibromofluoromethane	7.810	113	7313	76.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 152.740%#	
50) Toluene-d8	10.269	98	19825	62.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.700%	
62) 4-Bromofluorobenzene	12.575	95	7066	72.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 145.900%#	
Target Compounds						
16) Acetone	4.028	43	1568	124.258	ug/l	89
20) Methylene Chloride	4.799	84	2445	13.018	ug/l	96

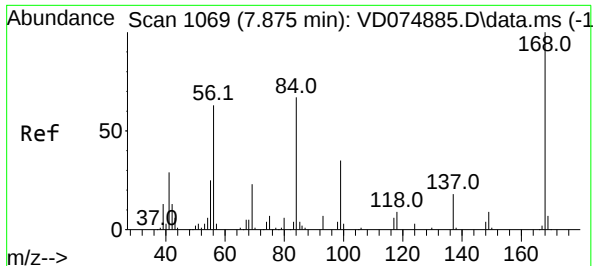
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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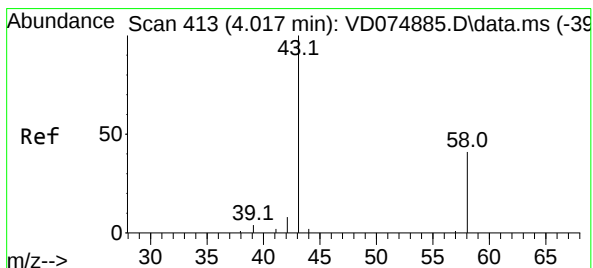
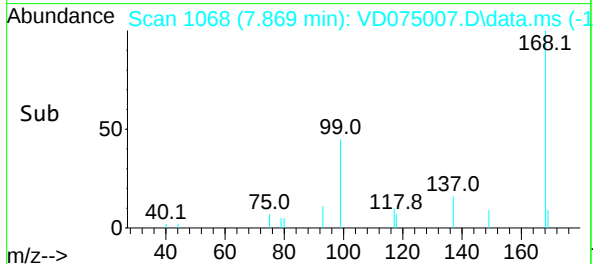
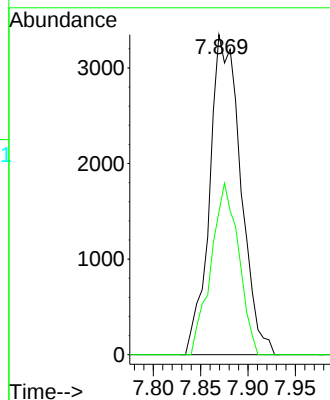
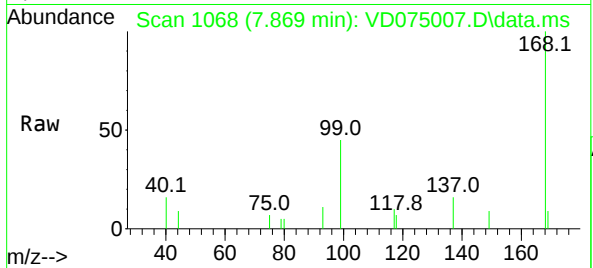




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

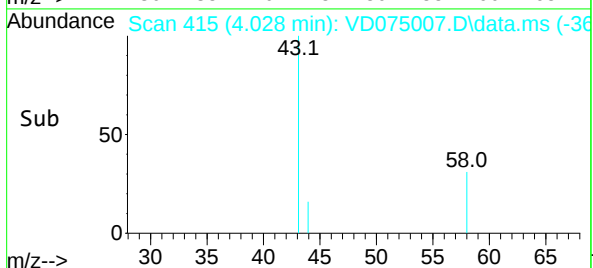
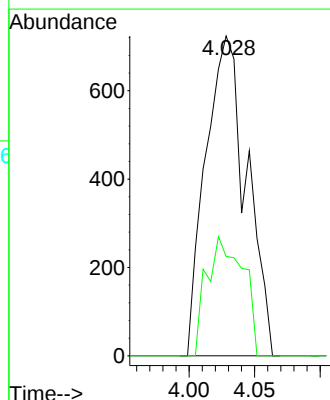
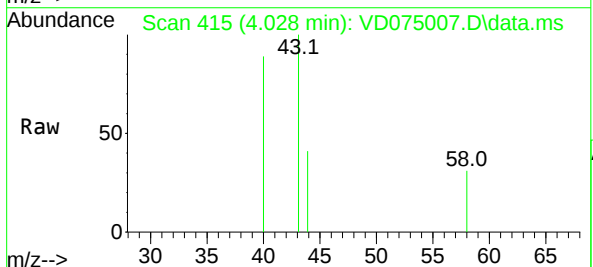
Instrument :
MSVOA_D
ClientSampleId :
TR-04-111822

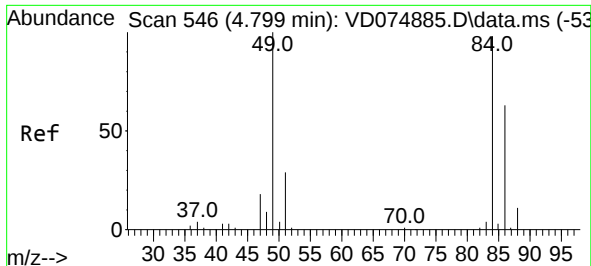
Tgt Ion:168 Resp: 7644
Ion Ratio Lower Upper
168 100
99 44.6 40.9 61.3



#16
Acetone
Concen: 124.258 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 31.1 30.2 45.2





#20

Methylene Chloride

Concen: 13.018 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD075007.D

Acq: 21 Nov 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

TR-04-111822

Tgt Ion: 84 Resp: 2445

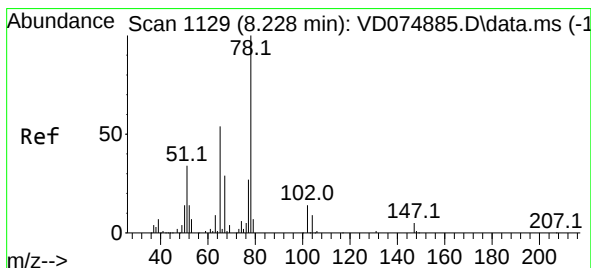
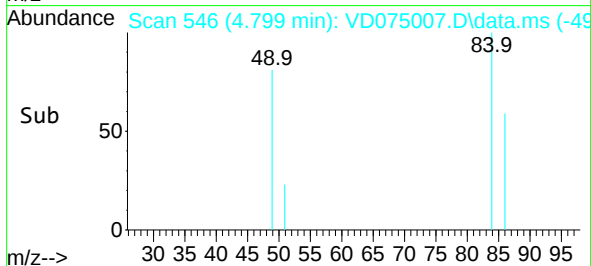
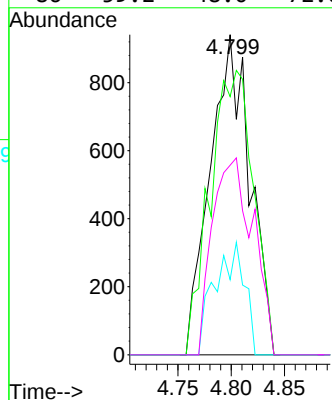
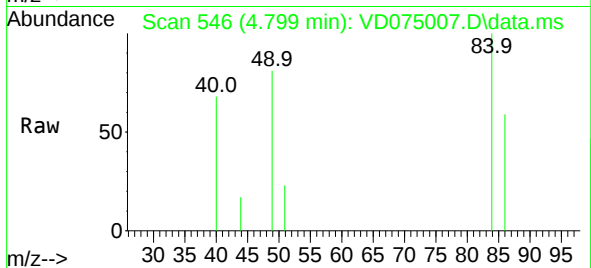
Ion Ratio Lower Upper

84 100

49 80.7 68.0 102.0

51 23.5 23.2 34.8

86 59.2 48.0 72.0



#33

1,2-Dichloroethane-d4

Concen: 207.247 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075007.D

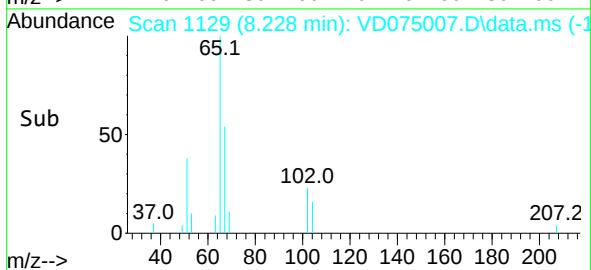
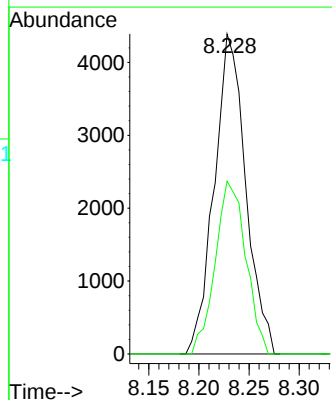
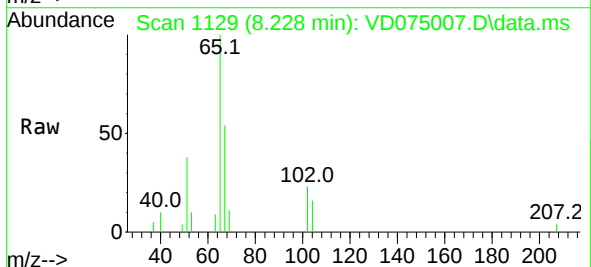
Acq: 21 Nov 2022 16:48

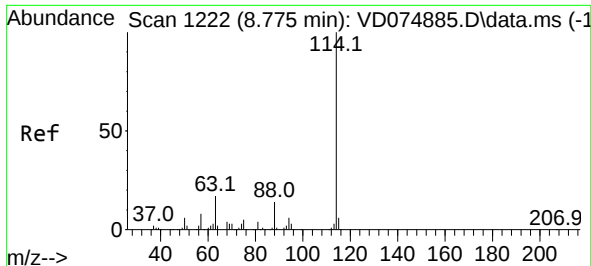
Tgt Ion: 65 Resp: 9580

Ion Ratio Lower Upper

65 100

67 52.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075007.D

Acq: 21 Nov 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

TR-04-111822

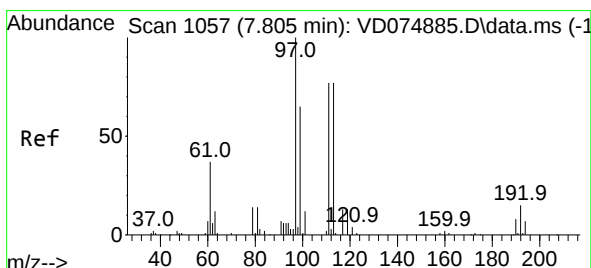
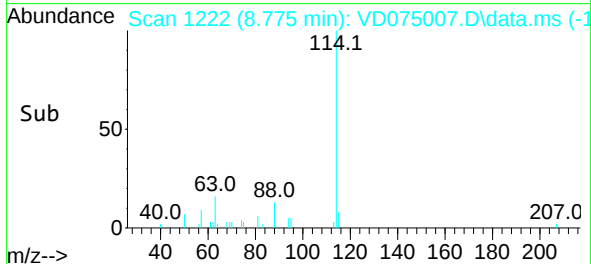
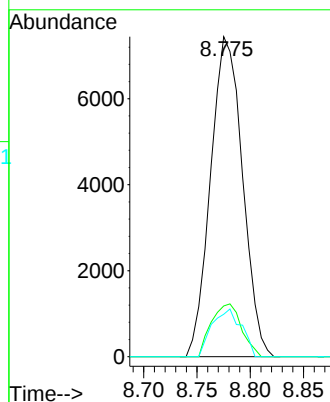
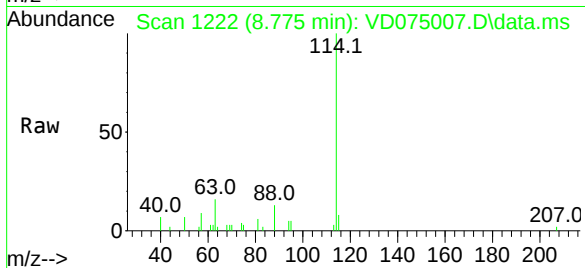
Tgt Ion:114 Resp: 15534

Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 76.371 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075007.D

Acq: 21 Nov 2022 16:48

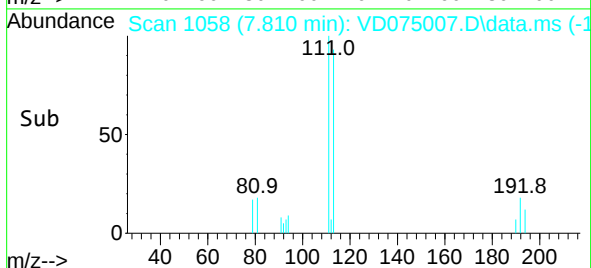
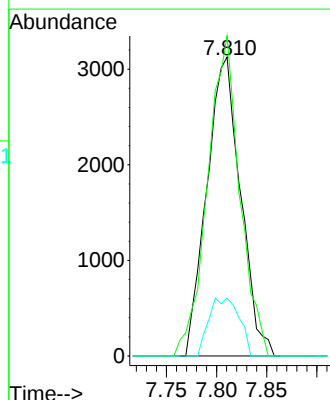
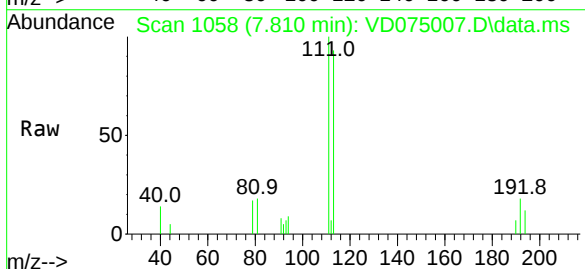
Tgt Ion:113 Resp: 7313

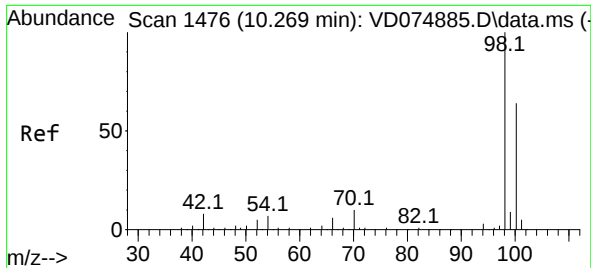
Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 17.5 16.4 24.6

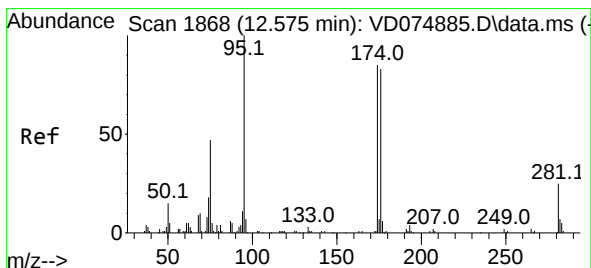
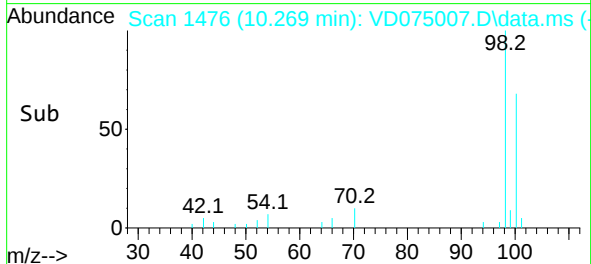
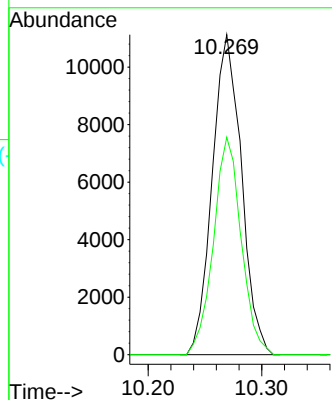
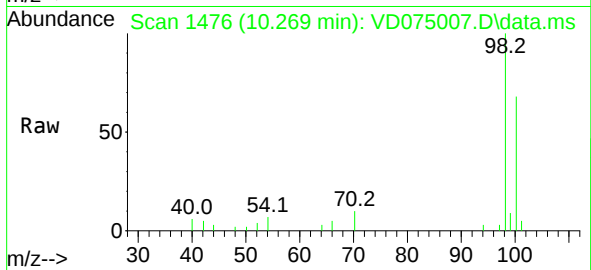




#50
Toluene-d8
Concen: 62.852 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

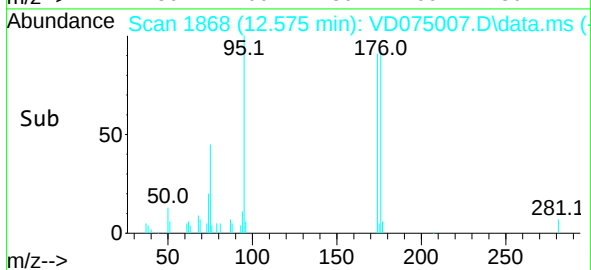
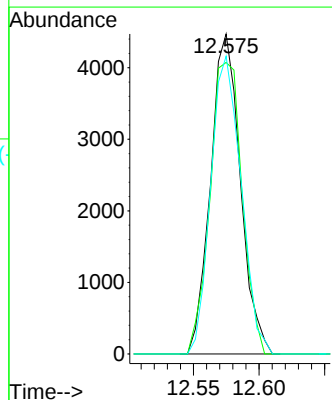
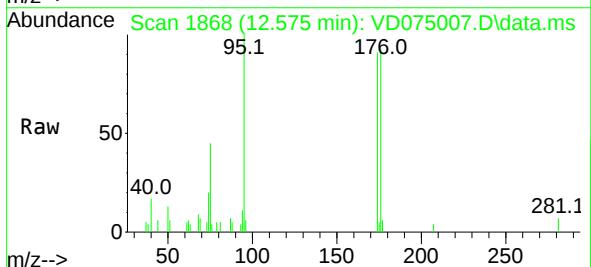
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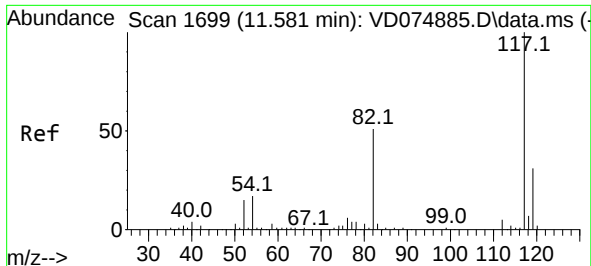
Tgt Ion: 98 Resp: 19825
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 72.953 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Tgt Ion: 95 Resp: 7066
Ion Ratio Lower Upper
95 100
174 98.1 0.0 197.0
176 94.7 0.0 182.6

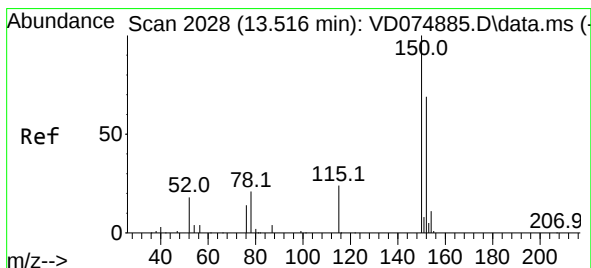
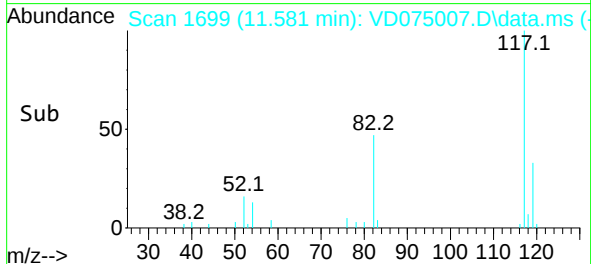
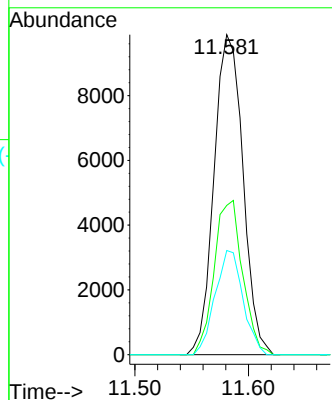
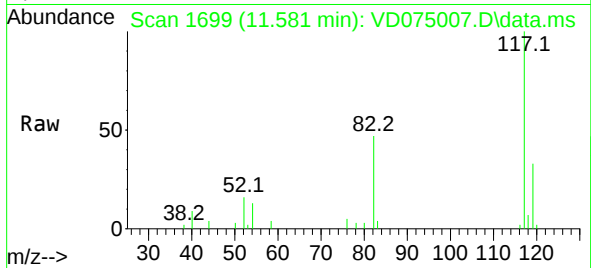




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :
TR-04-111822

Tgt Ion:117 Resp: 17478
Ion Ratio Lower Upper
117 100
82 46.6 41.6 62.4
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Tgt Ion:152 Resp: 8022
Ion Ratio Lower Upper
152 100
115 52.2 26.8 80.4
150 154.4 0.0 348.2

