

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071587.D
 Acq On : 04 Jan 2022 12:30
 Operator : VA/SY
 Sample : M5255-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-122921

Quant Time: Jan 04 15:41:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

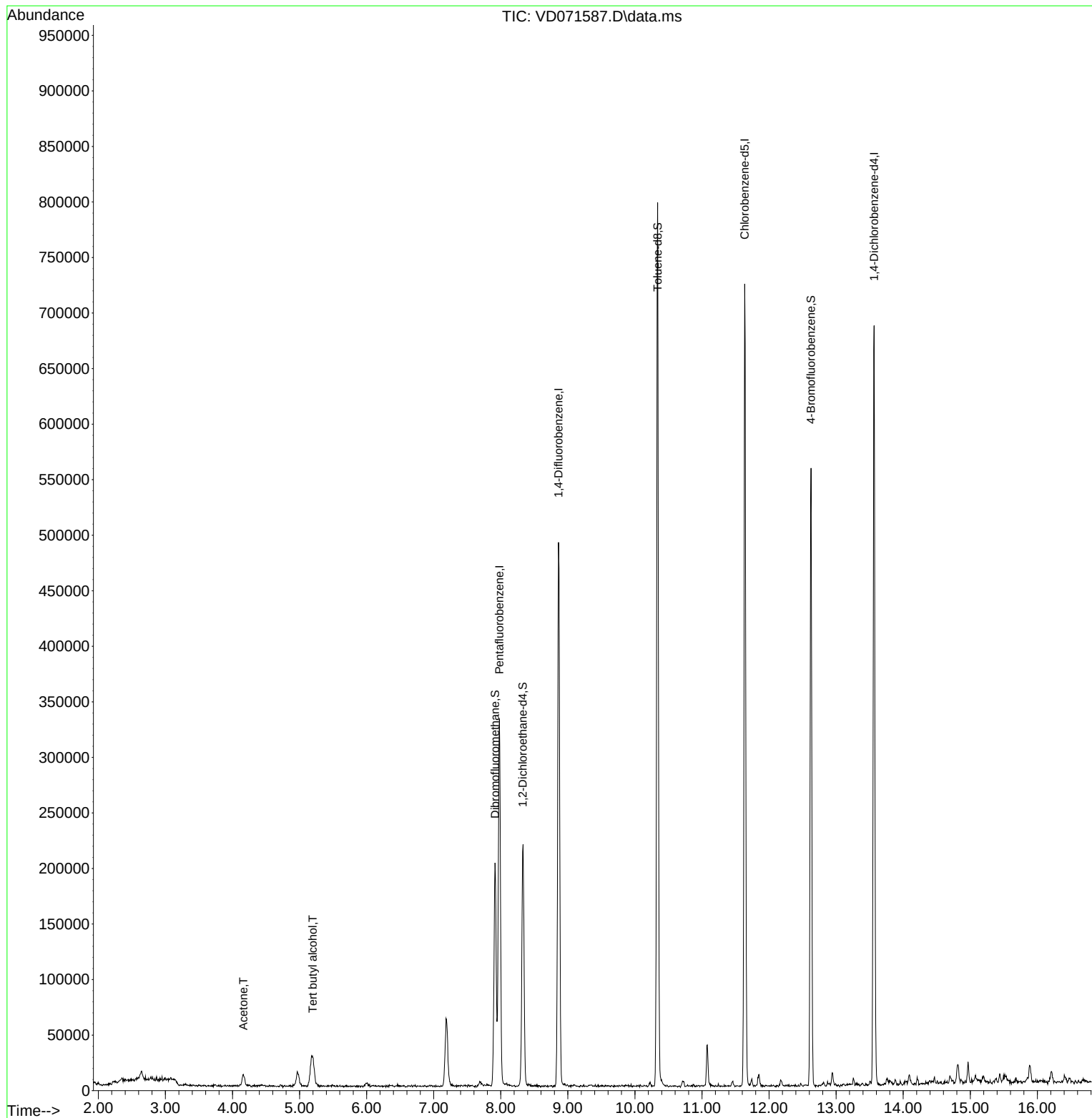
Internal Standards						
1) Pentafluorobenzene	7.979	168	229972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	395031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	375656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	163844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176965	57.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.880%
35) Dibromofluoromethane	7.914	113	135618	51.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.338	98	505555	50.389	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.626	95	168655	47.306	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.620%
Target Compounds						
11) Tert butyl alcohol	5.197	59	29237	100.002	ug/l #	71
16) Acetone	4.162	43	18380	23.959	ug/l	95

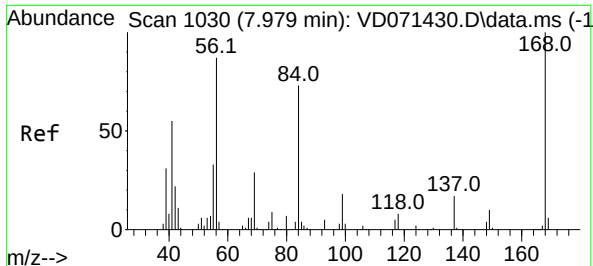
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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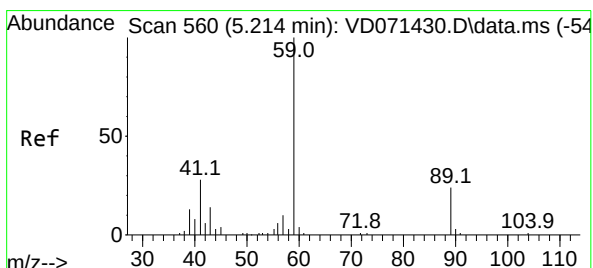
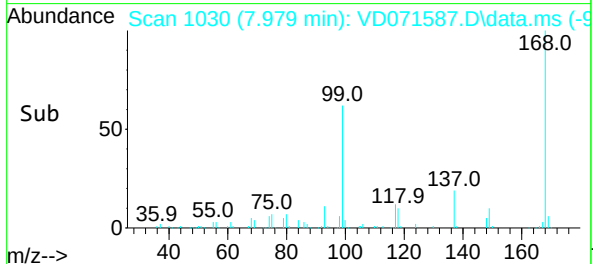
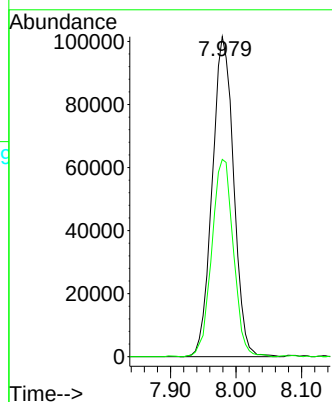
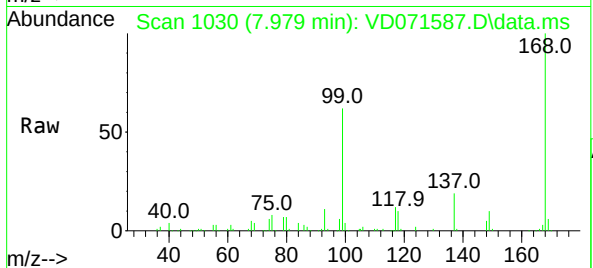




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071587.D
Acq: 04 Jan 2022 12:30

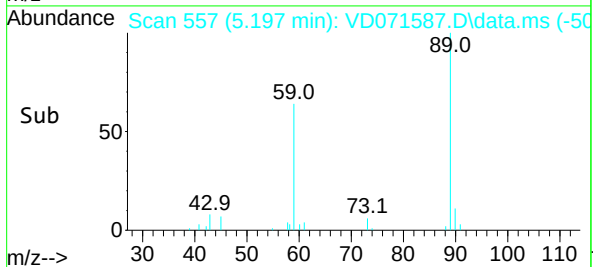
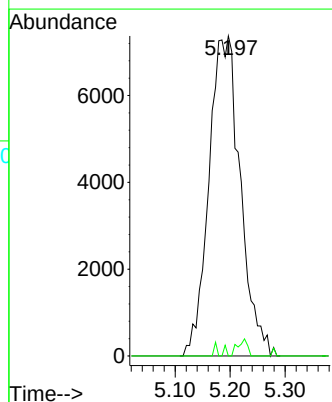
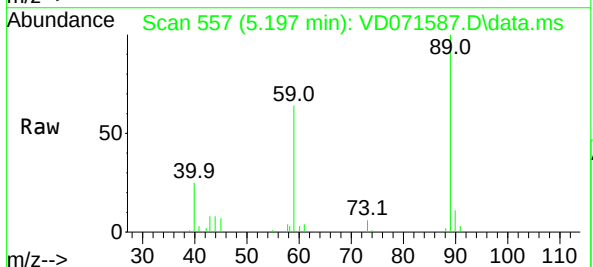
Instrument :
MSVOA_D
ClientSampleId :
TR-04-122921

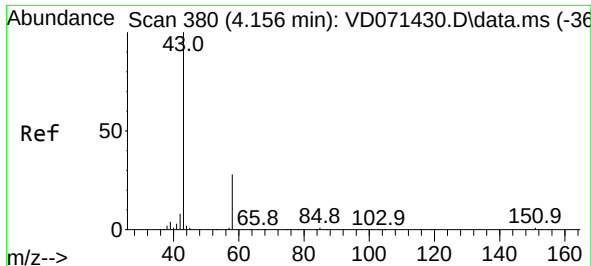
Tgt Ion:168 Resp: 229972
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#11
Tert butyl alcohol
Concen: 100.002 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.012 min
Lab File: VD071587.D
Acq: 04 Jan 2022 12:30

Tgt Ion: 59 Resp: 29237
Ion Ratio Lower Upper
59 100
57 0.3 9.0 13.4#

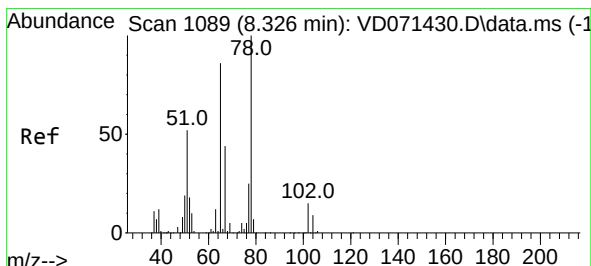
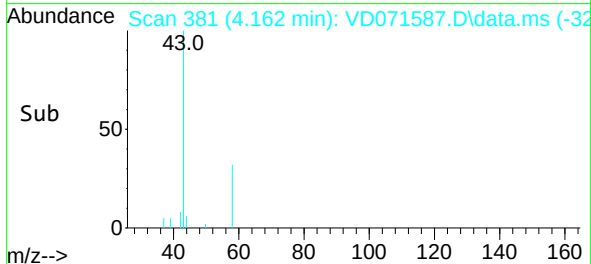
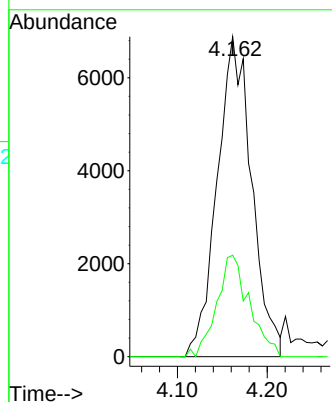
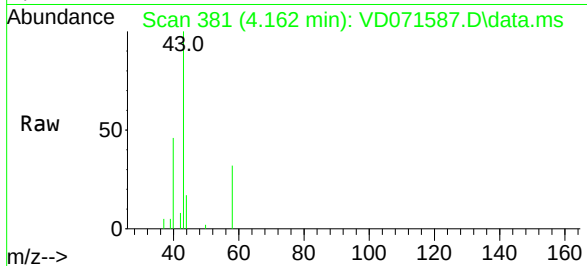




#16
Acetone
Concen: 23.959 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071587.D
Acq: 04 Jan 2022 12:30

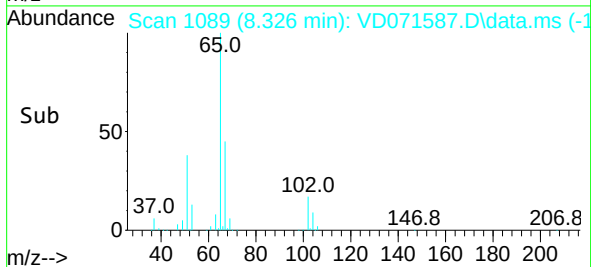
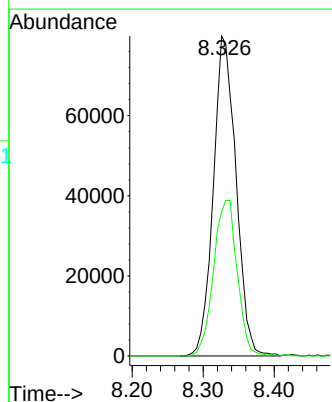
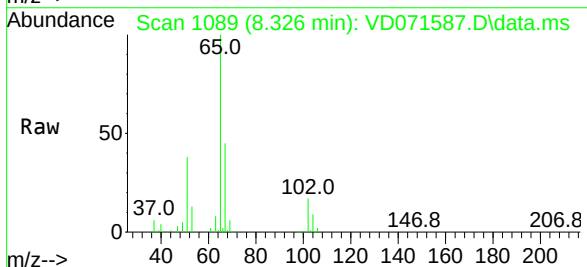
Instrument :
MSVOA_D
ClientSampleId :
TR-04-122921

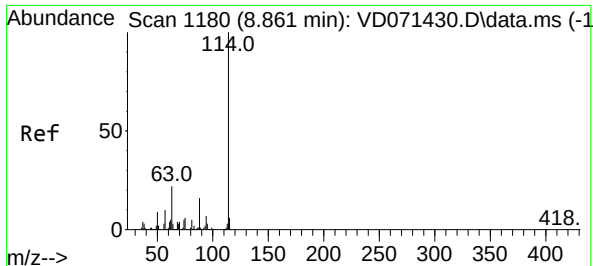
Tgt Ion: 43 Resp: 18380
Ion Ratio Lower Upper
43 100
58 31.7 27.8 41.8



#33
1,2-Dichloroethane-d4
Concen: 57.941 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071587.D
Acq: 04 Jan 2022 12:30

Tgt Ion: 65 Resp: 176965
Ion Ratio Lower Upper
65 100
67 50.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071587.D

Acq: 04 Jan 2022 12:30

Instrument :

MSVOA_D

ClientSampleId :

TR-04-122921

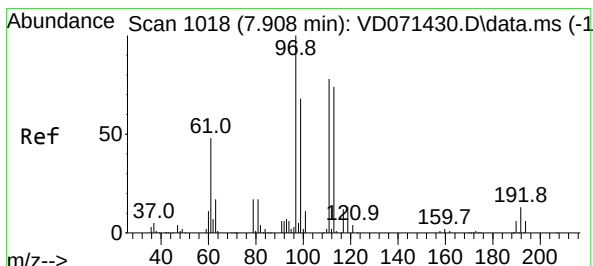
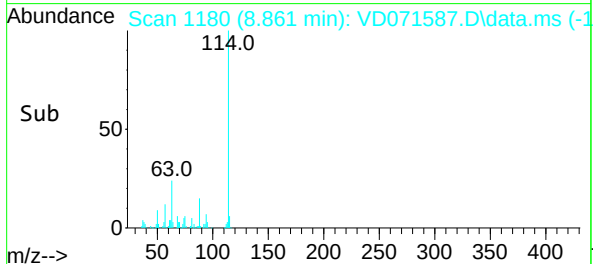
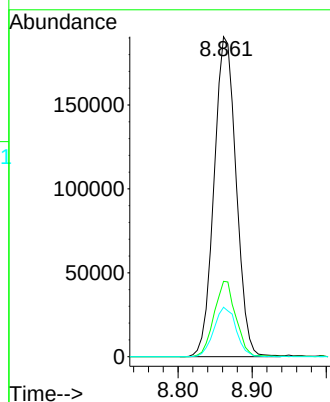
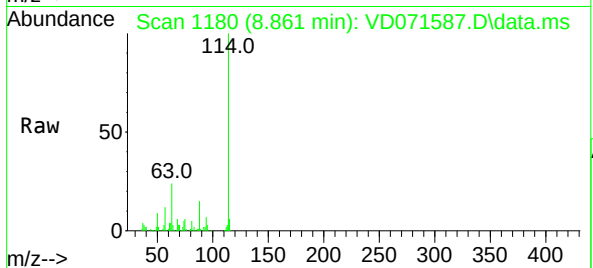
Tgt Ion:114 Resp: 395031

Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.8

88 15.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.082 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071587.D

Acq: 04 Jan 2022 12:30

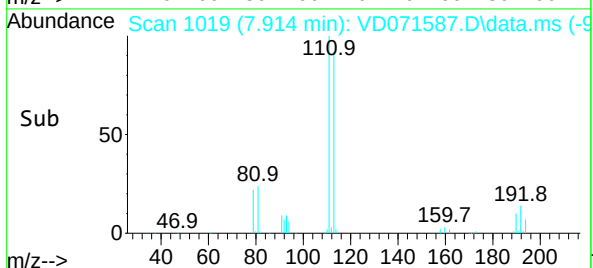
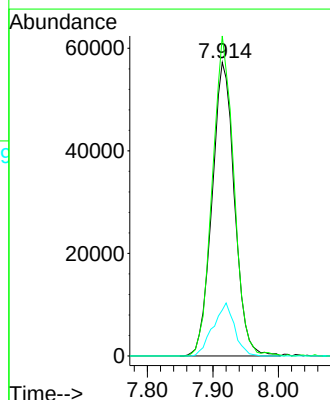
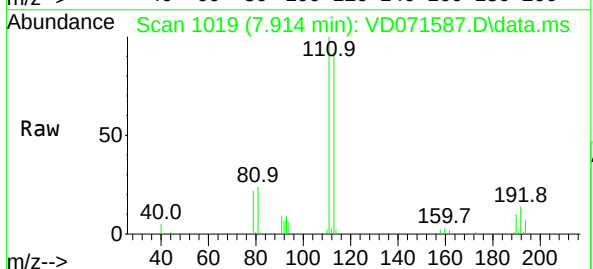
Tgt Ion:113 Resp: 135618

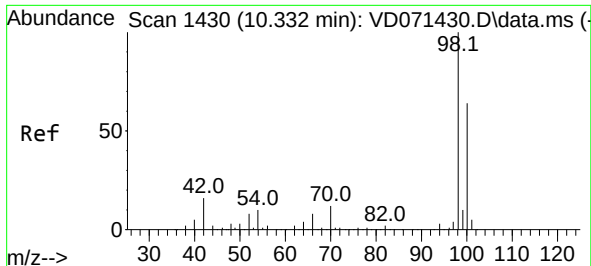
Ion Ratio Lower Upper

113 100

111 105.0 82.0 123.0

192 17.2 15.2 22.8

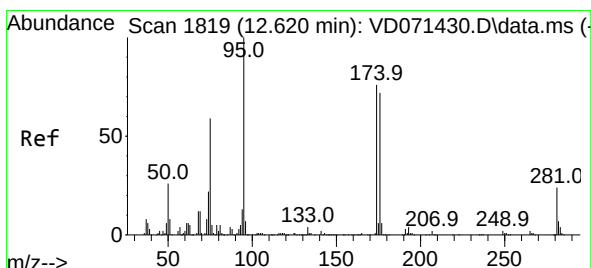
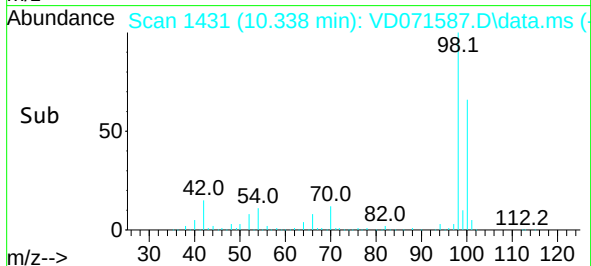
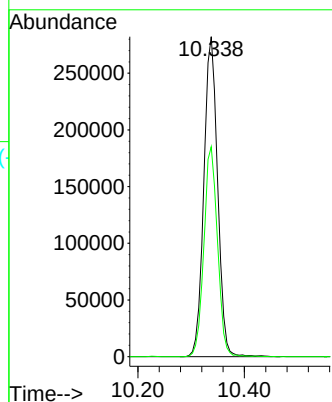
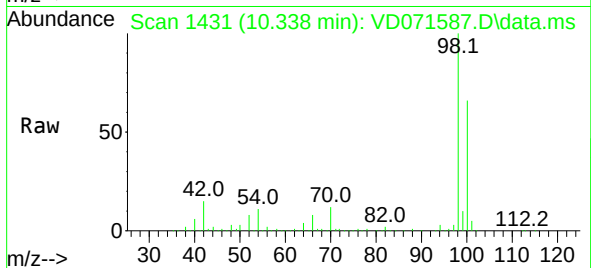




#50
Toluene-d8
Concen: 50.389 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071587.D
Acq: 04 Jan 2022 12:30

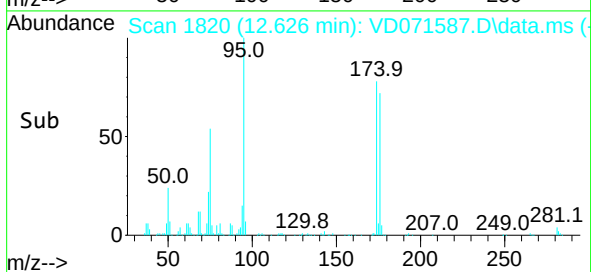
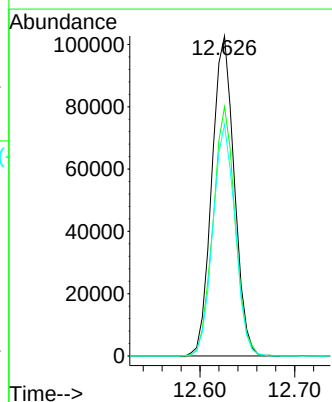
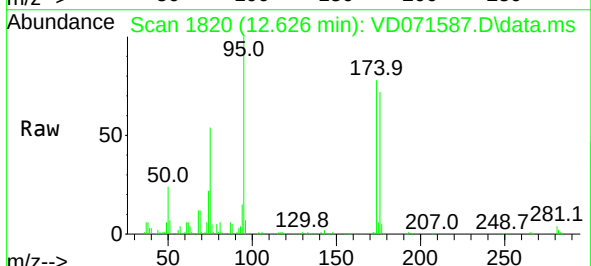
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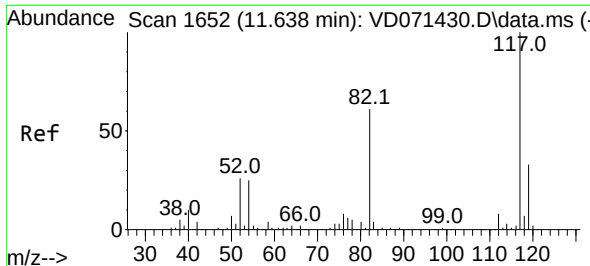
Tgt Ion: 98 Resp: 505555
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.306 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071587.D
Acq: 04 Jan 2022 12:30

Tgt Ion: 95 Resp: 168655
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 72.1 0.0 154.0

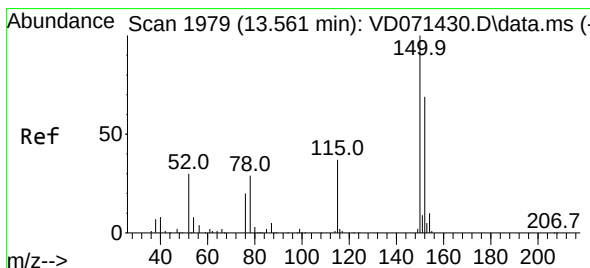
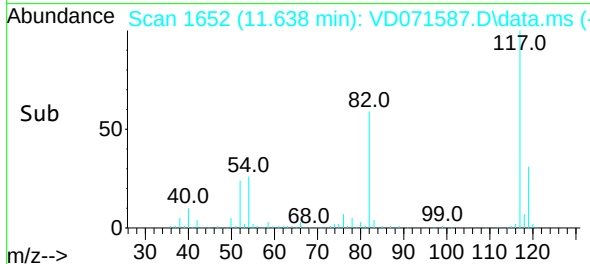
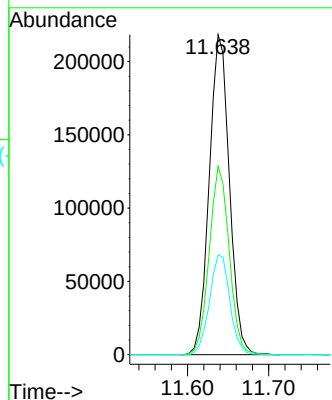
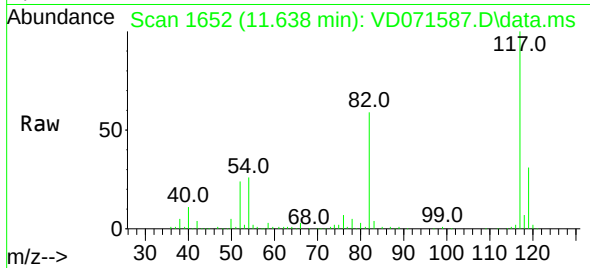




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071587.D
Acq: 04 Jan 2022 12:30

Instrument :
MSVOA_D
ClientSampleId :
TR-04-122921

Tgt Ion:117 Resp: 375656
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071587.D
Acq: 04 Jan 2022 12:30

Tgt Ion:152 Resp: 163844
Ion Ratio Lower Upper
152 100
115 62.7 29.8 89.3
150 160.8 0.0 349.2

