

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071882.D
 Acq On : 02 Feb 2022 16:34
 Operator : VA/SY
 Sample : N1373-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-020222

Quant Time: Feb 03 01:08:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

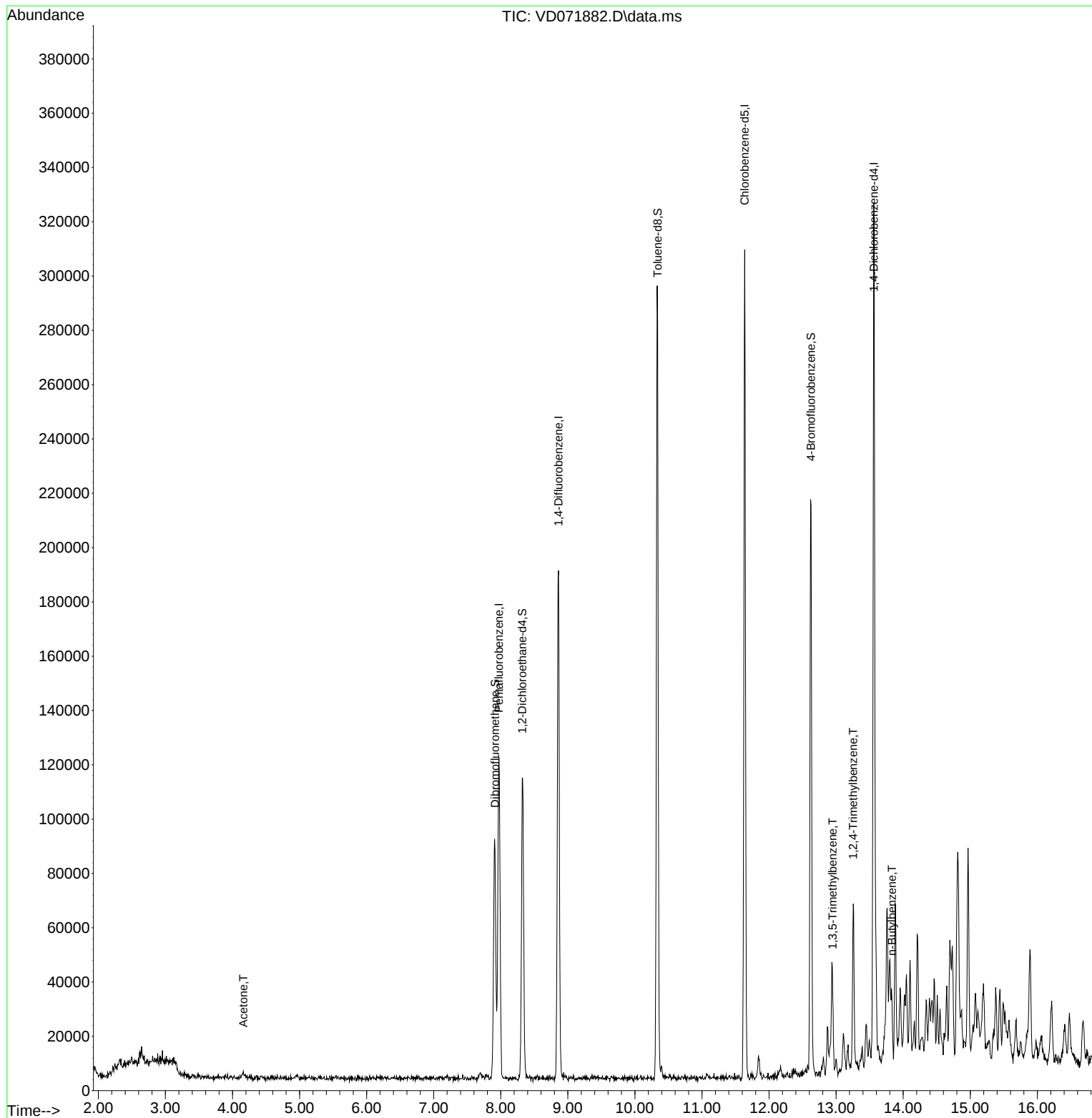
Internal Standards						
1) Pentafluorobenzene	7.973	168	82859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	149154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	157069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	74843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	89347	85.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.620%#	
35) Dibromofluoromethane	7.914	113	63298	64.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.120%	
50) Toluene-d8	10.338	98	190983	52.159	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.626	95	70687	55.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	3886	13.555	ug/l	89
80) 1,3,5-Trimethylbenzene	12.949	105	6710	1.396	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	32311	6.833	ug/l	100
89) n-Butylbenzene	13.832	91	14185	2.854	ug/l #	76

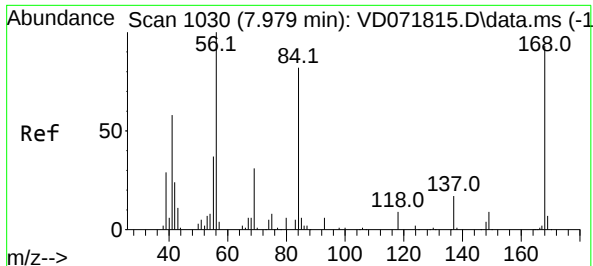
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

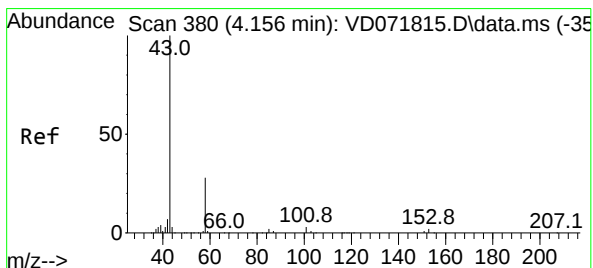
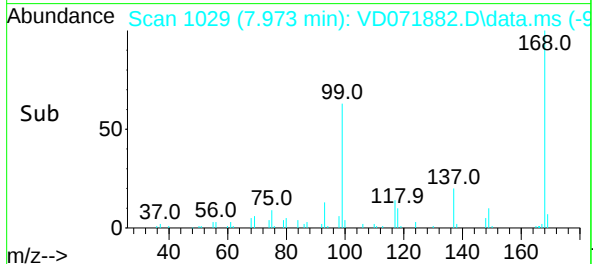
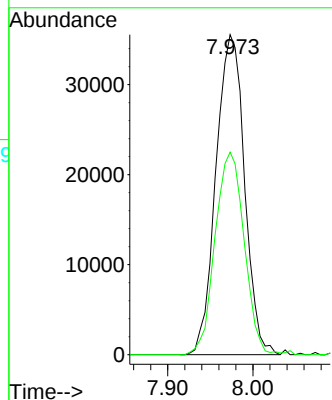
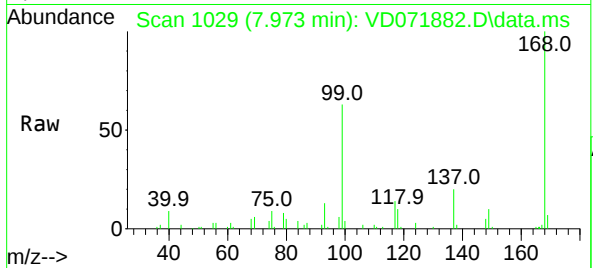




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071882.D
Acq: 02 Feb 2022 16:34

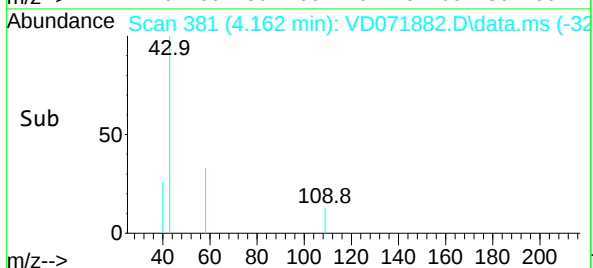
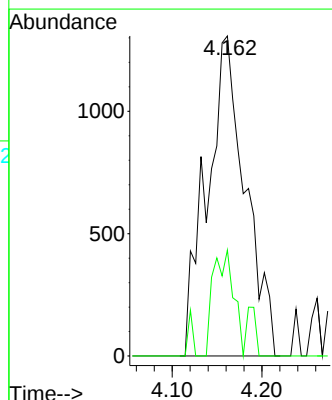
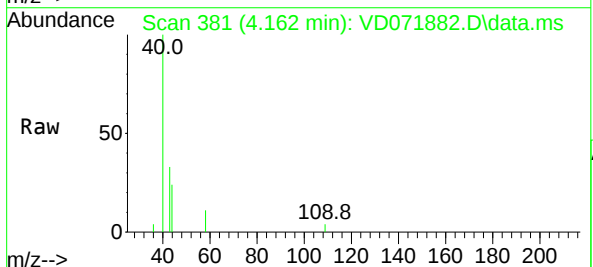
Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

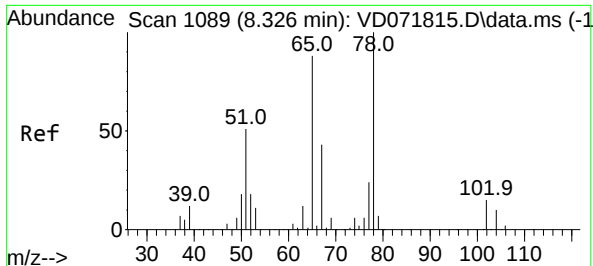
Tgt Ion:168 Resp: 82859
Ion Ratio Lower Upper
168 100
99 63.3 49.8 74.6



#16
Acetone
Concen: 13.555 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071882.D
Acq: 02 Feb 2022 16:34

Tgt Ion: 43 Resp: 3886
Ion Ratio Lower Upper
43 100
58 33.1 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 85.312 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD071882.D

Acq: 02 Feb 2022 16:34

Instrument :

MSVOA_D

ClientSampleId :

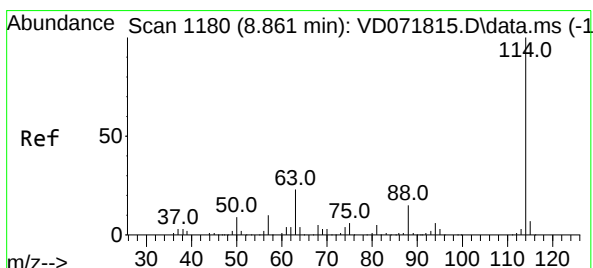
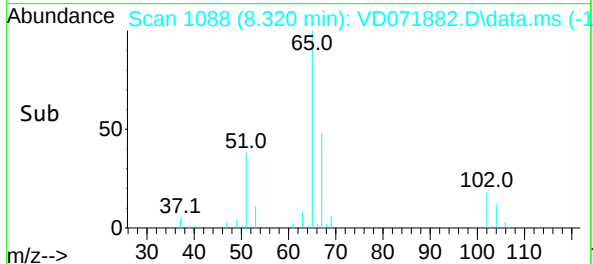
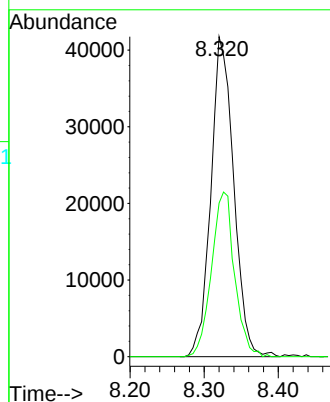
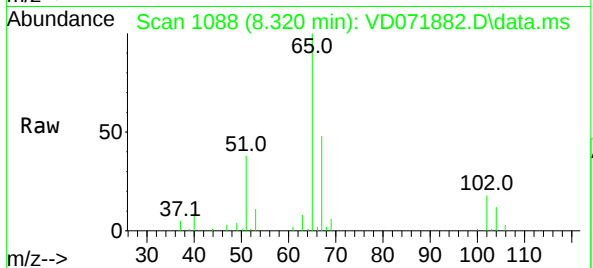
OR-3-020222

Tgt Ion: 65 Resp: 89347

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071882.D

Acq: 02 Feb 2022 16:34

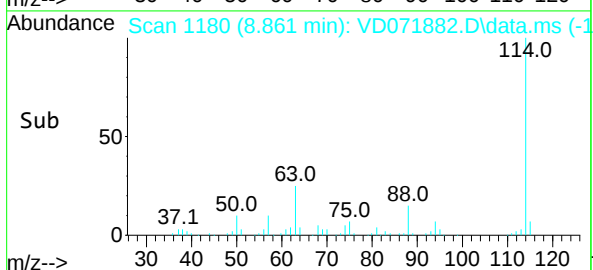
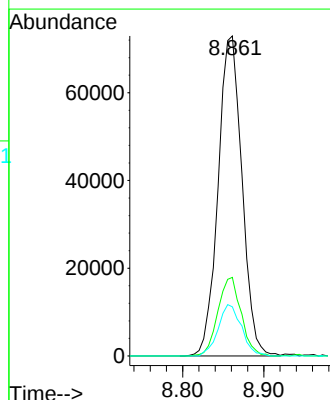
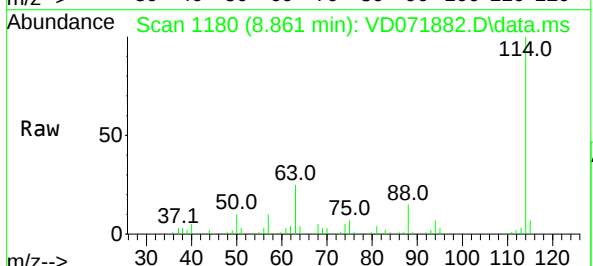
Tgt Ion: 114 Resp: 149154

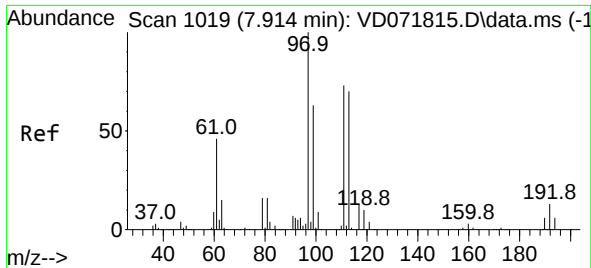
Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.6

88 15.3 0.0 33.2

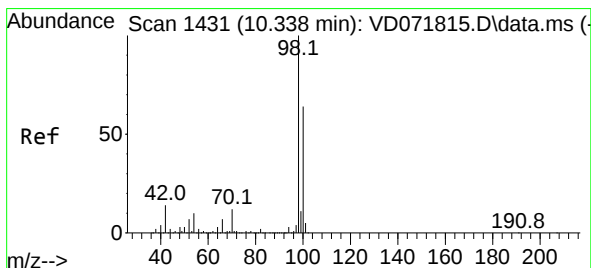
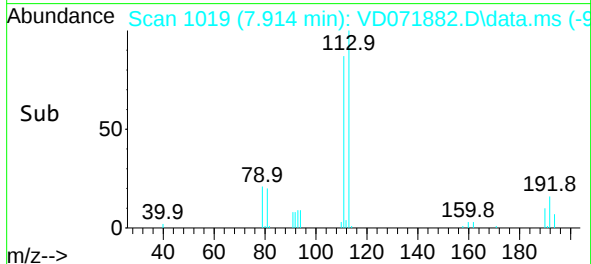
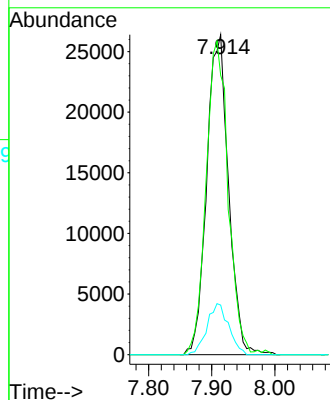
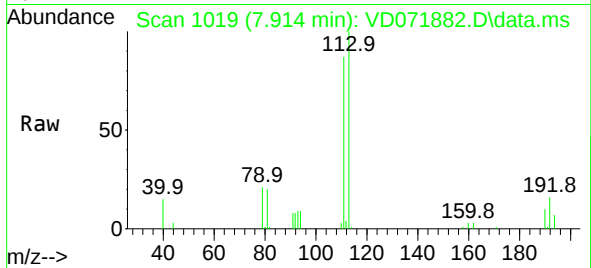




#35
Dibromofluoromethane
Concen: 64.561 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071882.D
Acq: 02 Feb 2022 16:34

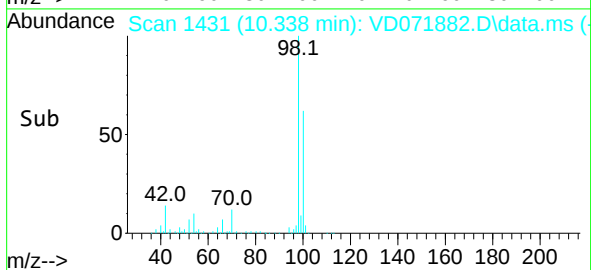
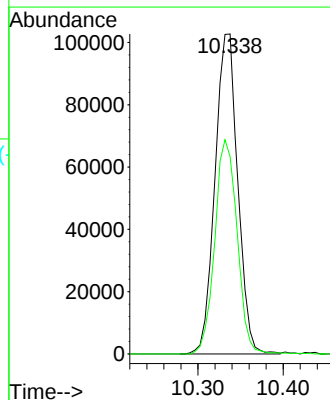
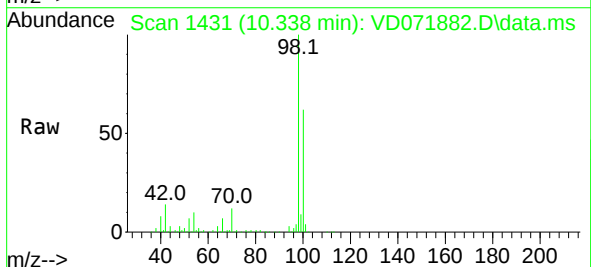
Instrument :
MSVOA_D
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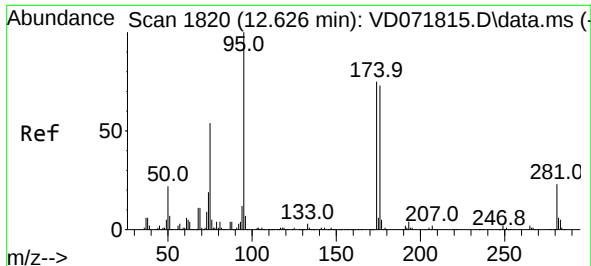
Tgt Ion:113 Resp: 63298
Ion Ratio Lower Upper
113 100
111 99.1 83.8 125.6
192 15.9 14.6 21.8



#50
Toluene-d8
Concen: 52.159 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071882.D
Acq: 02 Feb 2022 16:34

Tgt Ion: 98 Resp: 190983
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

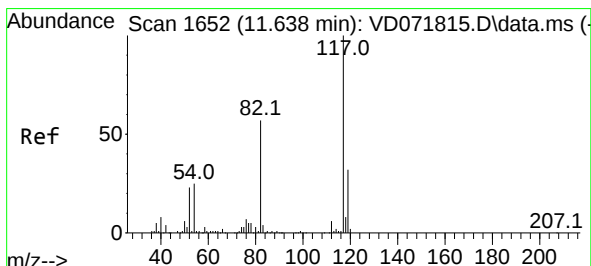
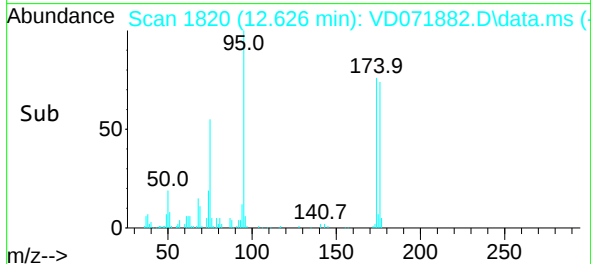
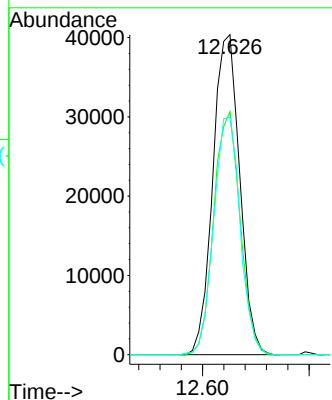
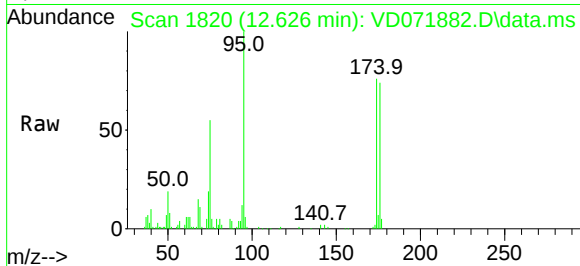




#62
4-Bromofluorobenzene
Concen: 55.282 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071882.D
Acq: 02 Feb 2022 16:34

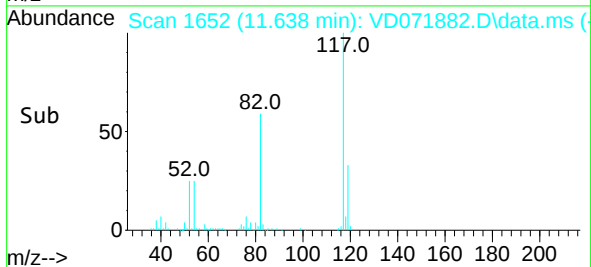
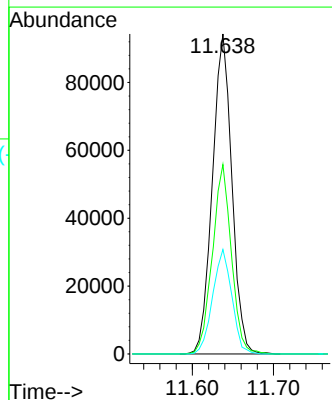
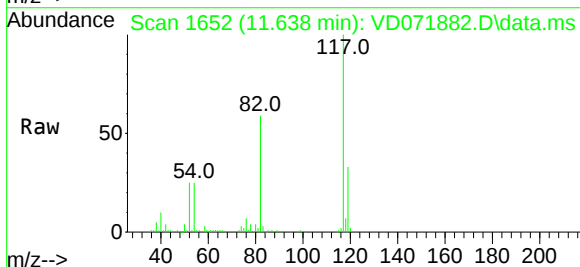
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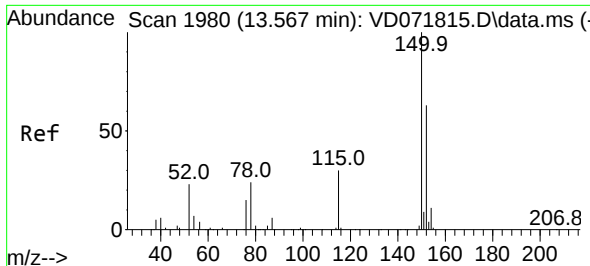
Tgt Ion: 95 Resp: 70687
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071882.D
Acq: 02 Feb 2022 16:34

Tgt Ion: 117 Resp: 157069
Ion Ratio Lower Upper
117 100
82 59.2 45.3 67.9
119 32.6 26.6 40.0

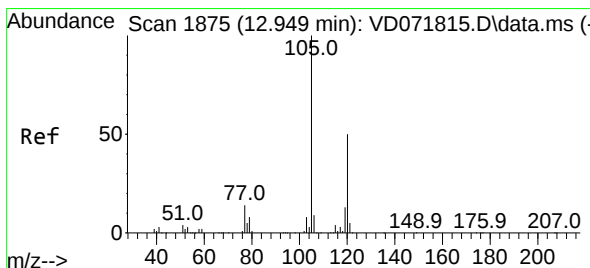
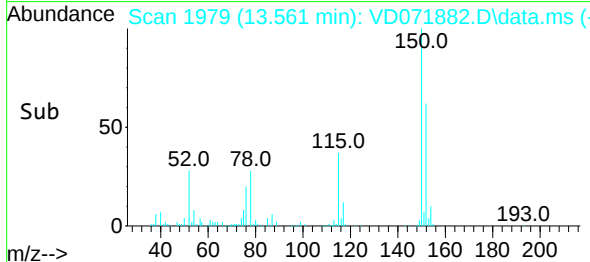
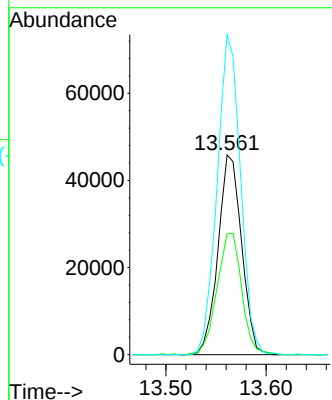
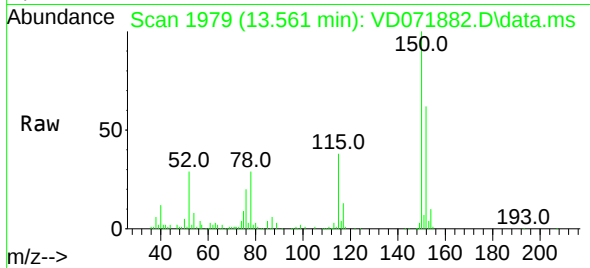




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD071882.D
 Acq: 02 Feb 2022 16:34

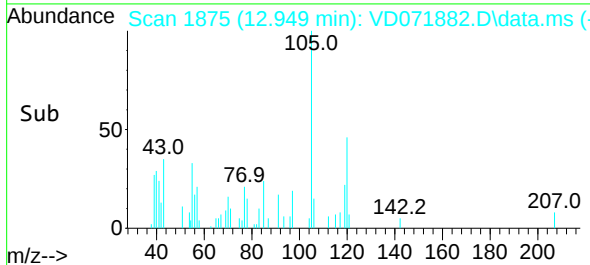
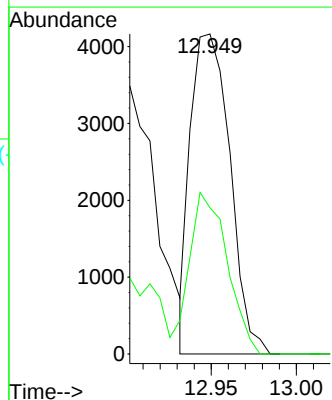
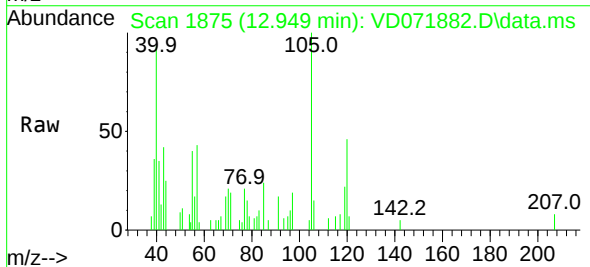
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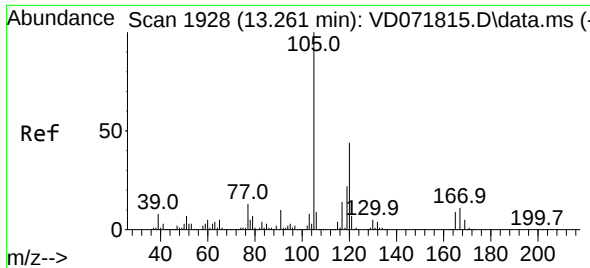
Tgt Ion:152 Resp: 74843
 Ion Ratio Lower Upper
 152 100
 115 63.5 31.3 93.8
 150 159.0 0.0 348.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.396 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VD071882.D
 Acq: 02 Feb 2022 16:34

Tgt Ion:105 Resp: 6710
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8

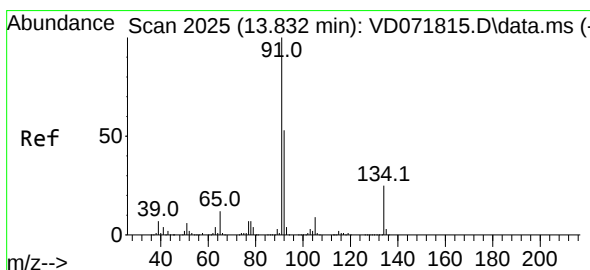
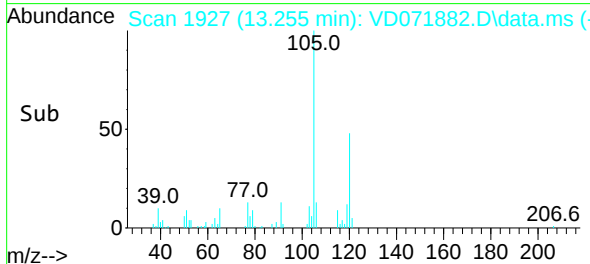
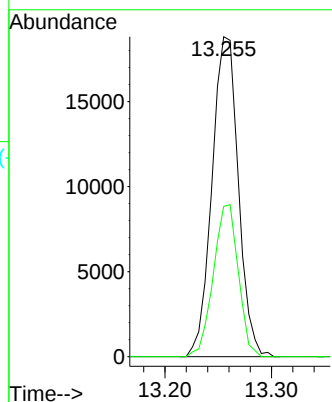
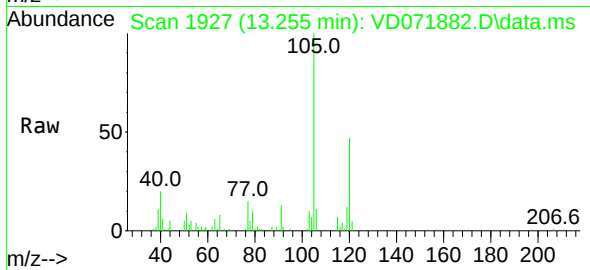




#84
1,2,4-Trimethylbenzene
Concen: 6.833 ug/l
RT: 13.255 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD071882.D
Acq: 02 Feb 2022 16:34

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

Tgt Ion:105 Resp: 32311
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8



#89
n-Butylbenzene
Concen: 2.854 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071882.D
Acq: 02 Feb 2022 16:34

Tgt Ion: 91 Resp: 14185
Ion Ratio Lower Upper
91 100
92 44.2 26.6 79.8
134 0.0 12.3 36.9#

