

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069728.D
 Acq On : 3 Dec 2021 19:28
 Operator : JC/MD
 Sample : M4922-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D3-20211129

Quant Time: Dec 04 05:35:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

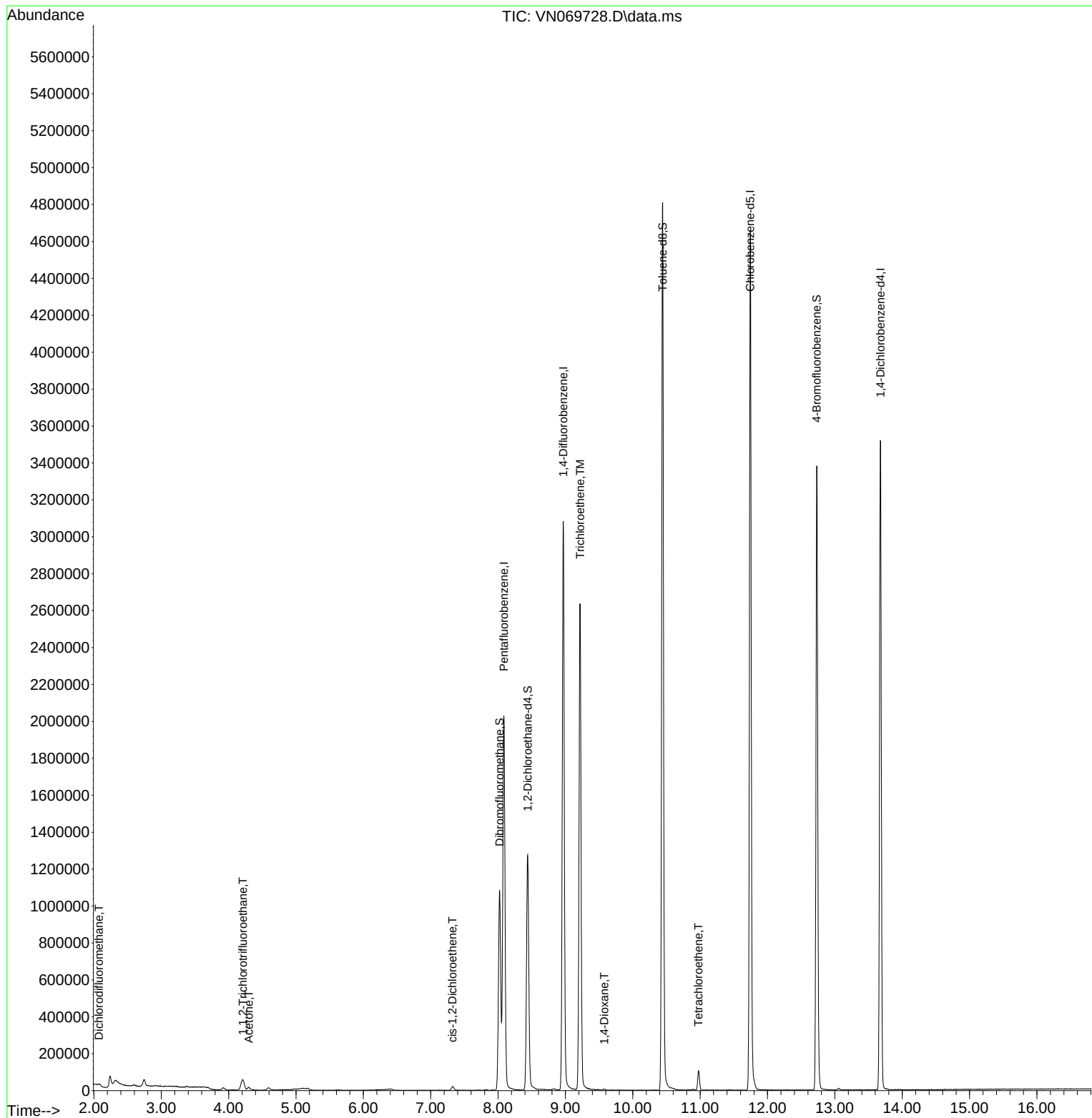
Internal Standards						
1) Pentafluorobenzene	8.086	168	1506244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2589932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2603431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	955296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1116059	47.989	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.980%		
35) Dibromofluoromethane	8.021	113	766291	47.235	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.480%		
50) Toluene-d8	10.443	98	3297607	50.624	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.240%		
62) 4-Bromofluorobenzene	12.731	95	1185815	50.249	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	6968	0.397	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	35901	2.411	ug/l	97
16) Acetone	4.299	43	21740	1.554	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	10895	0.579	ug/l	92
44) Trichloroethene	9.217	130	922701	51.297	ug/l	93
49) 1,4-Dioxane	9.577	88	4853	10.672	ug/l #	93
64) Tetrachloroethene	10.974	164	24258	1.374	ug/l	95

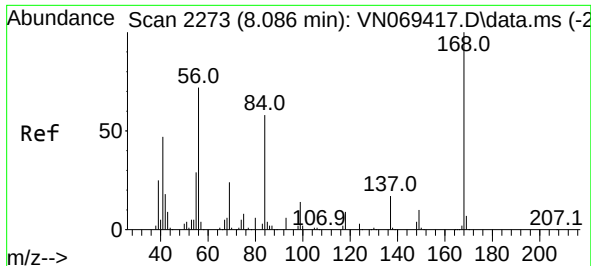
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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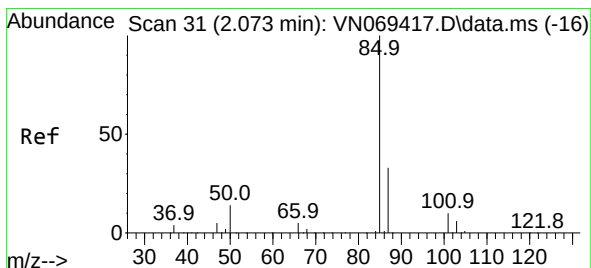
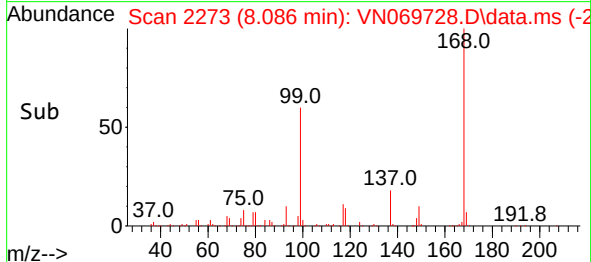
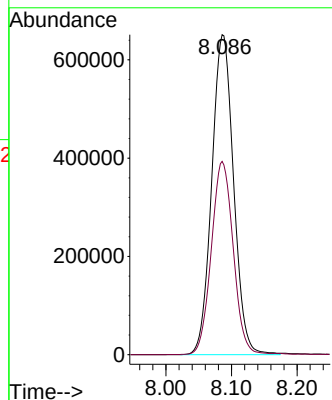
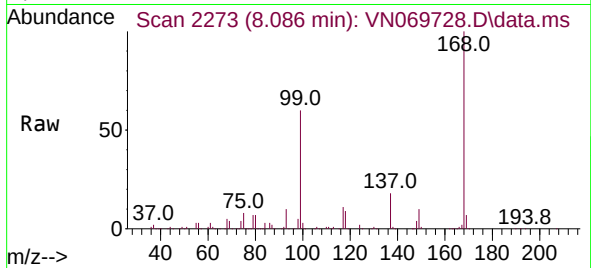




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

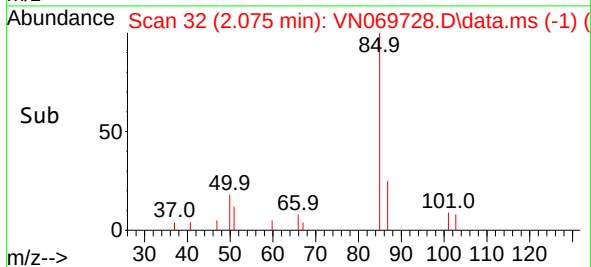
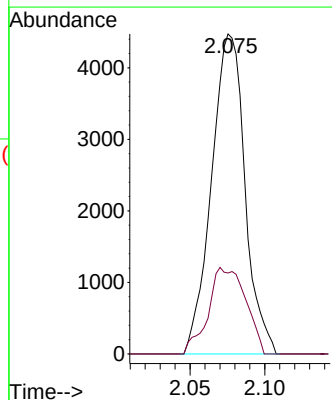
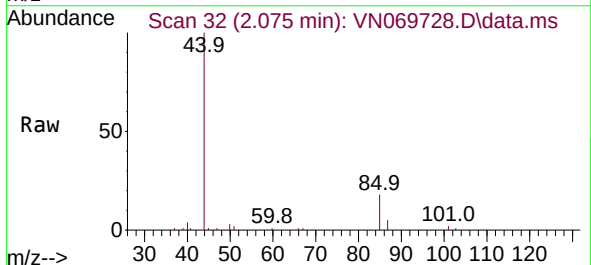
Instrument :
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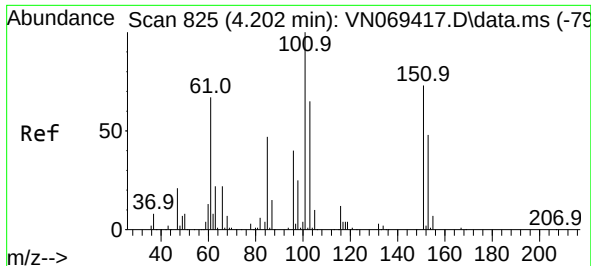
Tgt Ion:168 Resp: 1506244
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.397 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

Tgt Ion: 85 Resp: 6968
Ion Ratio Lower Upper
85 100
87 25.3 16.3 48.9

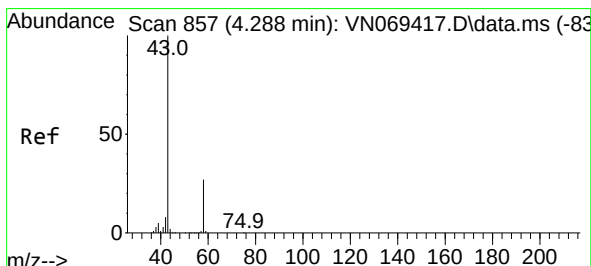
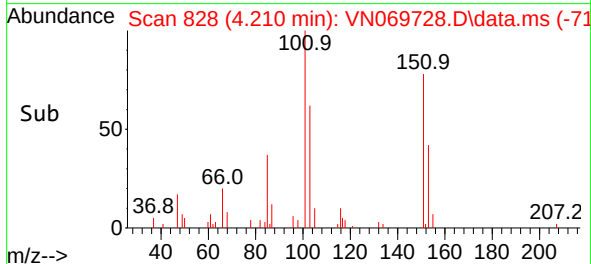
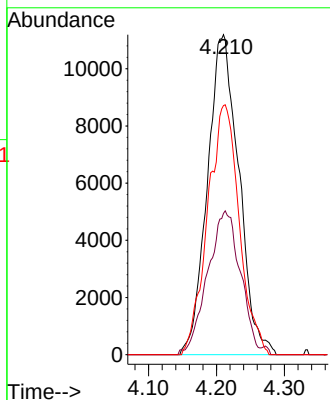
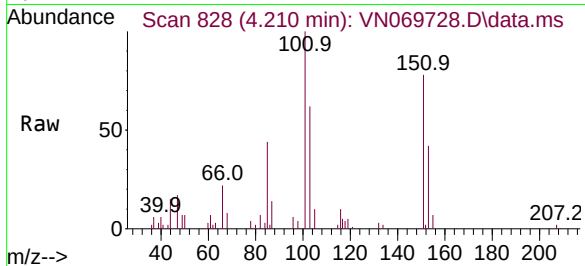




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.411 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

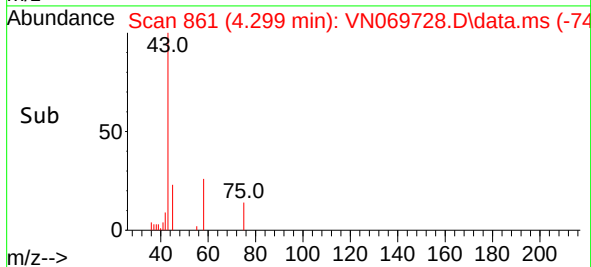
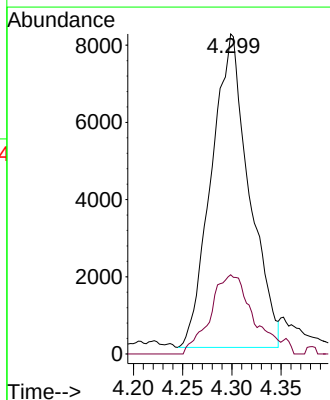
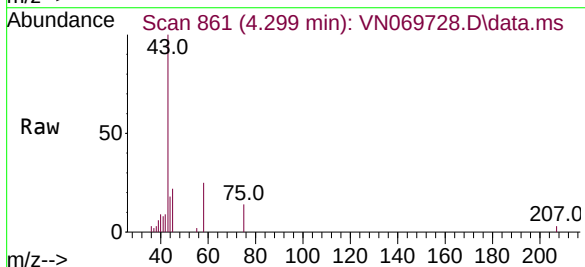
Instrument :
MSVOA_N
ClientSampleId :
RE132D3-20211129

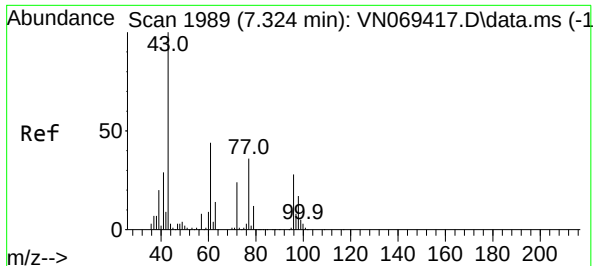
Tgt Ion:101 Resp: 35901
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 78.6 65.9 98.9



#16
Acetone
Concen: 1.554 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

Tgt Ion: 43 Resp: 21740
Ion Ratio Lower Upper
43 100
58 25.3 23.1 34.7





#27

cis-1,2-Dichloroethene

Concen: 0.579 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.002 min

Lab File: VN069728.D

Acq: 3 Dec 2021 19:28

Instrument :

MSVOA_N

ClientSampleId :

RE132D3-20211129

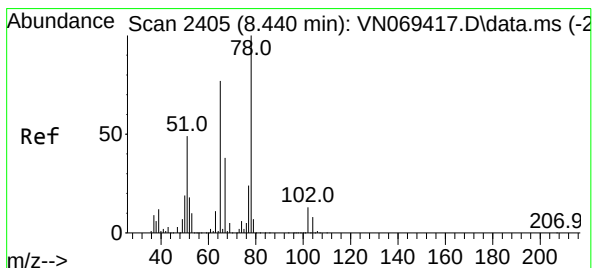
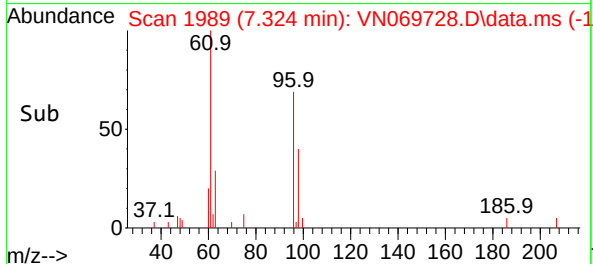
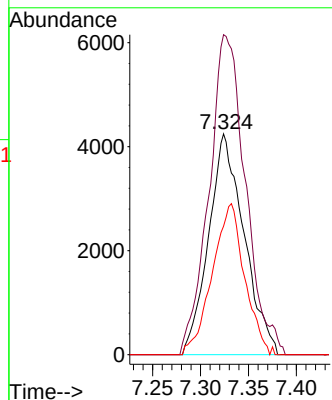
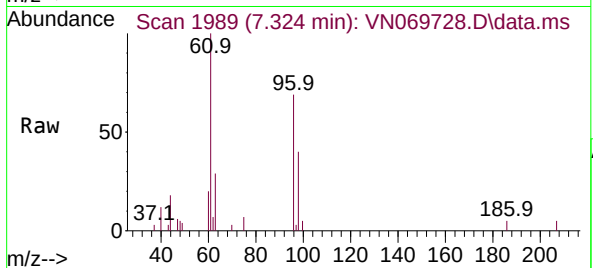
Tgt Ion: 96 Resp: 10895

Ion Ratio Lower Upper

96 100

61 149.4 0.0 275.0

98 62.5 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 47.989 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069728.D

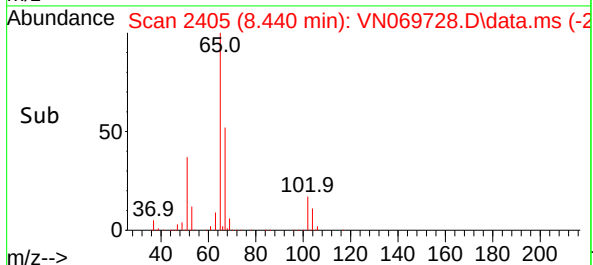
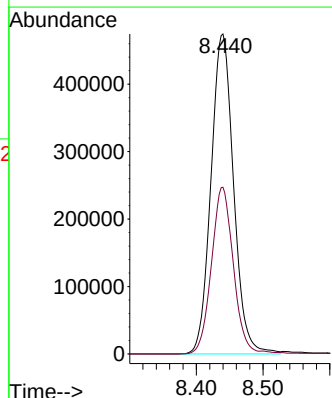
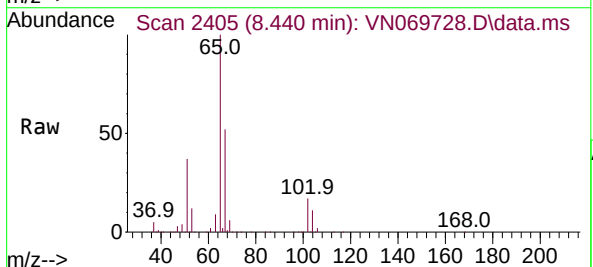
Acq: 3 Dec 2021 19:28

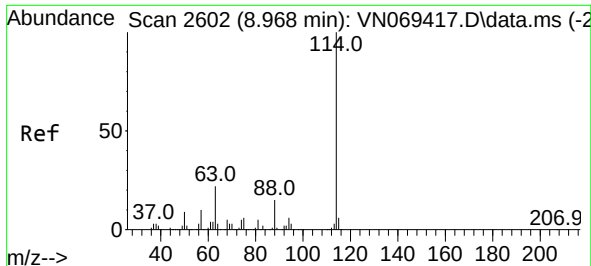
Tgt Ion: 65 Resp: 1116059

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0

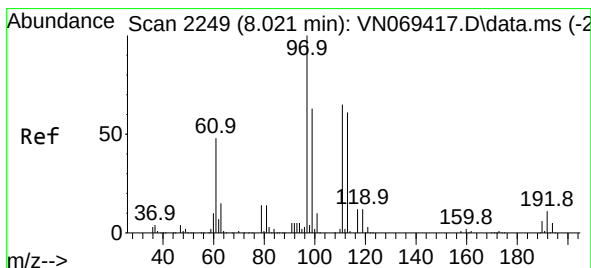
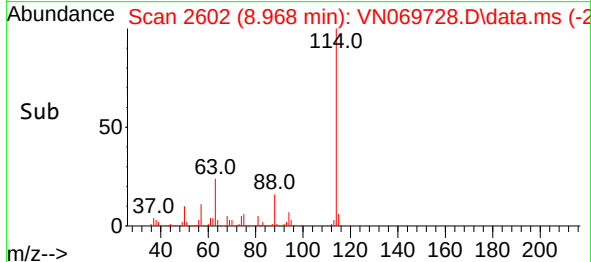
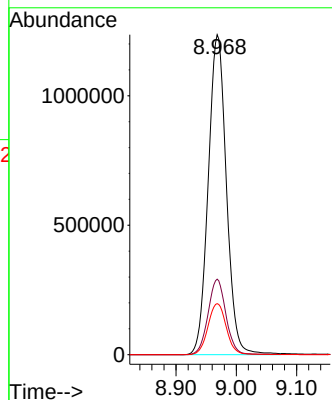
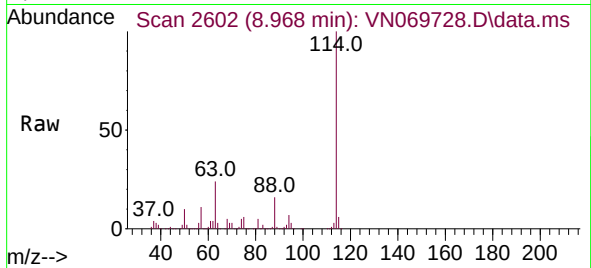




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

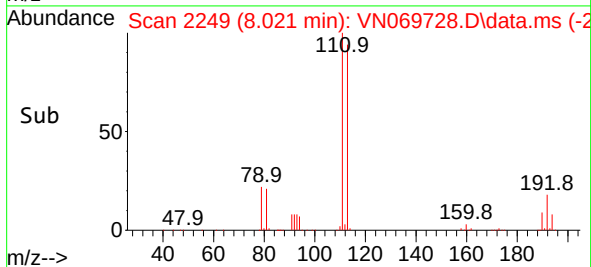
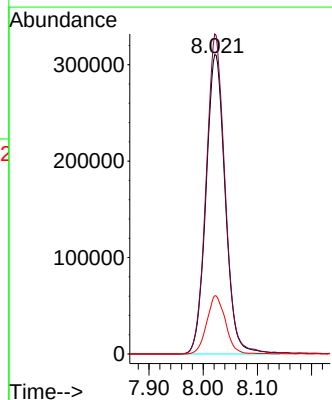
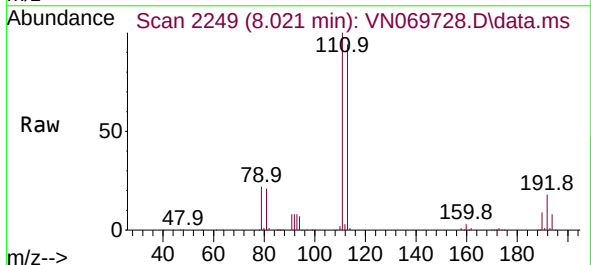
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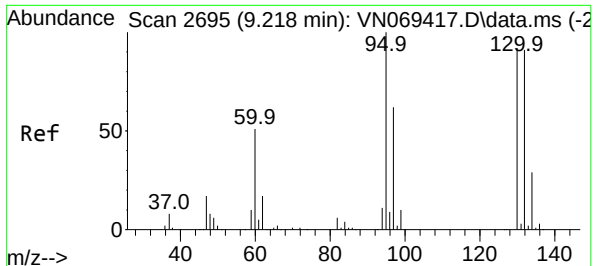
Tgt Ion:114 Resp: 2589932
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.235 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

Tgt Ion:113 Resp: 766291
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.2
192 18.8 16.9 25.3

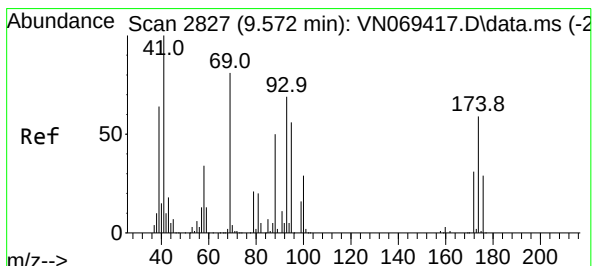
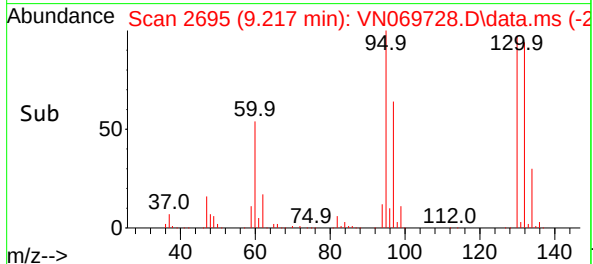
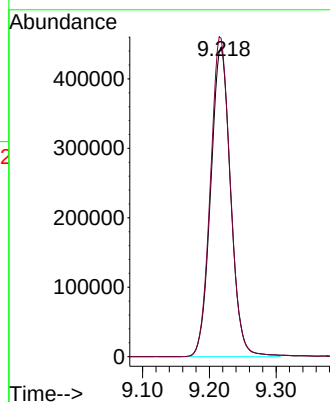
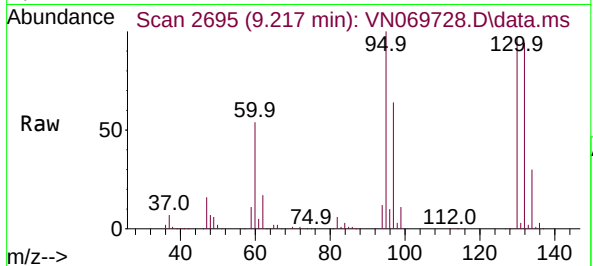




#44
Trichloroethene
Concen: 51.297 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

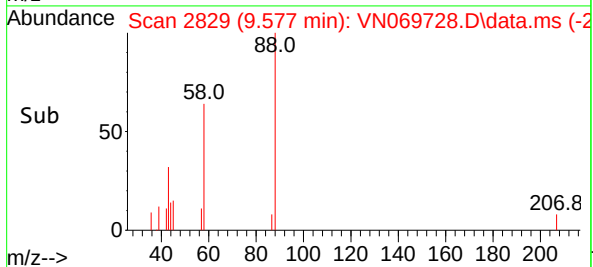
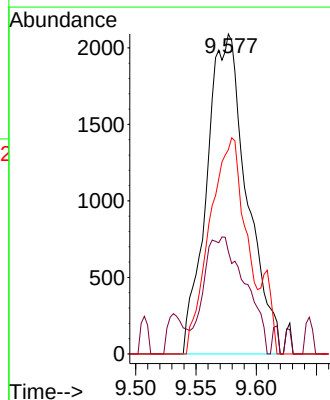
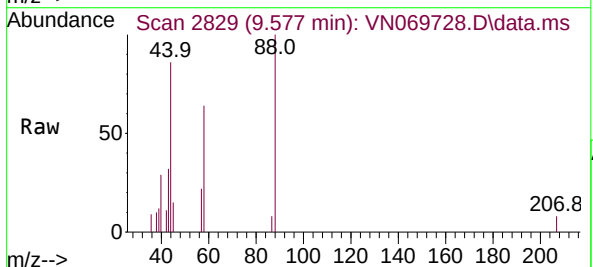
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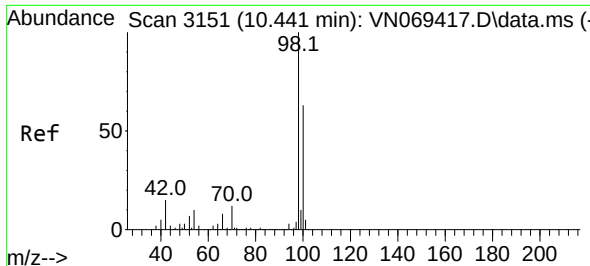
Tgt Ion:130 Resp: 922701
Ion Ratio Lower Upper
130 100
95 102.8 0.0 191.2



#49
1,4-Dioxane
Concen: 10.672 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

Tgt Ion: 88 Resp: 4853
Ion Ratio Lower Upper
88 100
43 37.7 23.4 35.2#
58 60.3 50.6 75.8

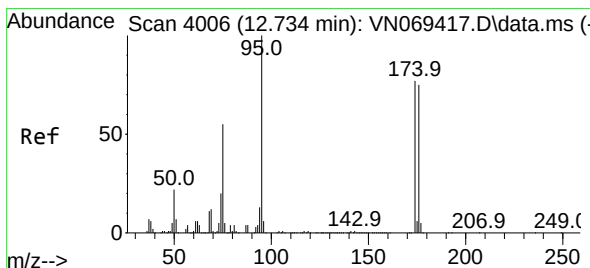
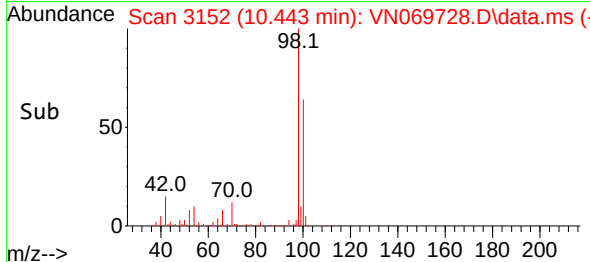
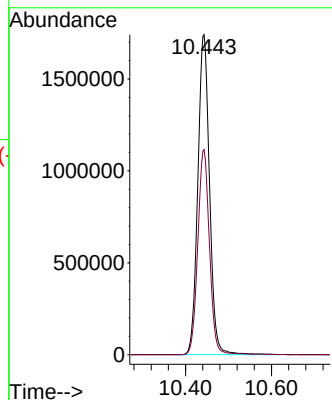
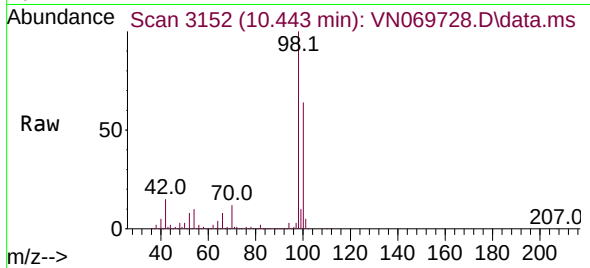




#50
Toluene-d8
Concen: 50.624 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

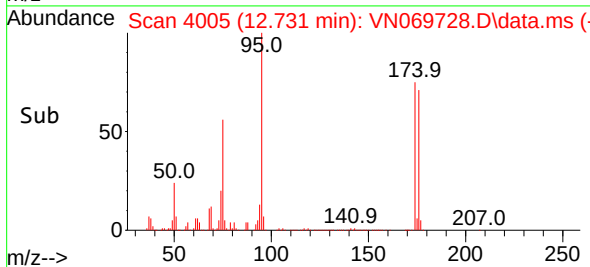
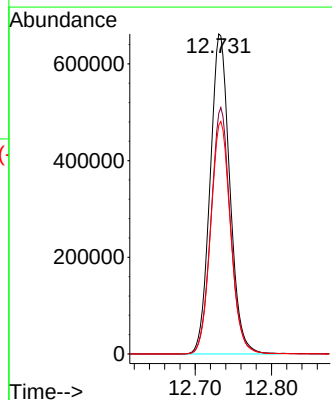
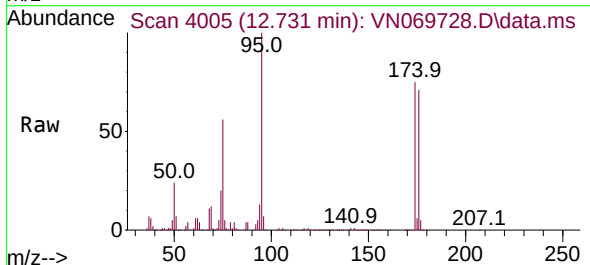
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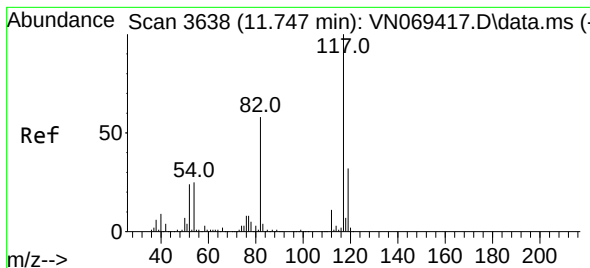
Tgt Ion: 98 Resp: 3297607
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 50.249 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069728.D
Acq: 3 Dec 2021 19:28

Tgt Ion: 95 Resp: 1185815
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN069728.D

Acq: 3 Dec 2021 19:28

Instrument :

MSVOA_N

ClientSampleId :

RE132D3-20211129

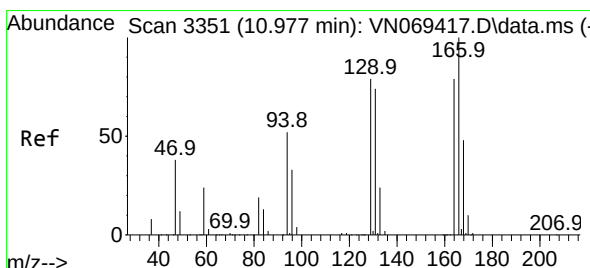
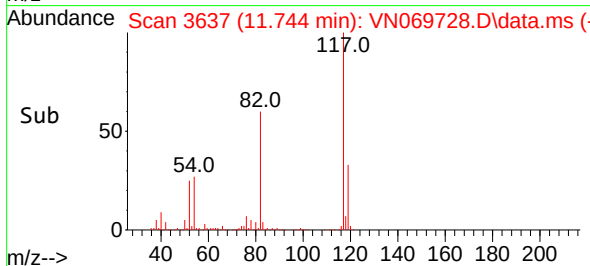
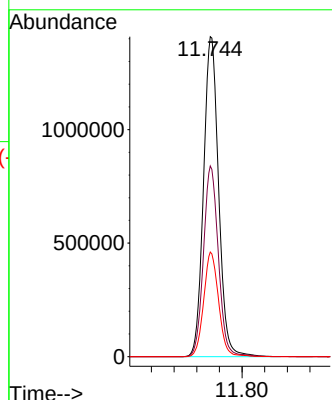
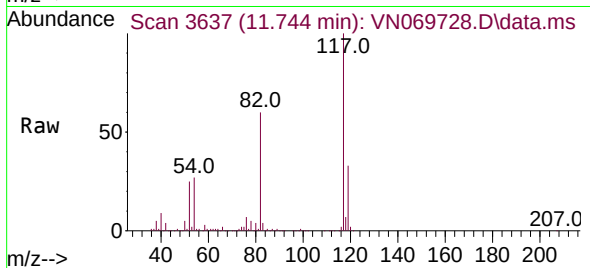
Tgt Ion:117 Resp: 2603431

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 32.7 25.4 38.2



#64

Tetrachloroethene

Concen: 1.374 ug/l

RT: 10.974 min Scan# 3350

Delta R.T. -0.005 min

Lab File: VN069728.D

Acq: 3 Dec 2021 19:28

Tgt Ion:164 Resp: 24258

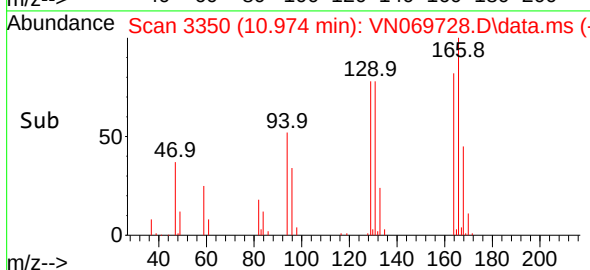
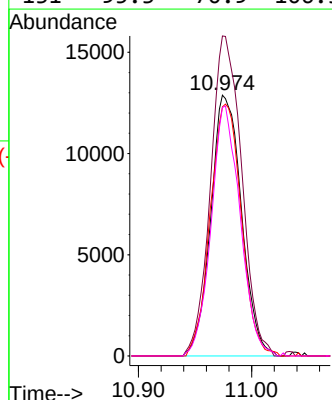
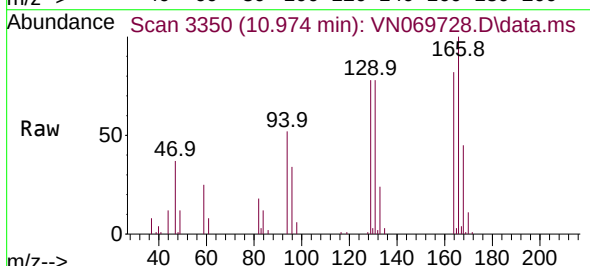
Ion Ratio Lower Upper

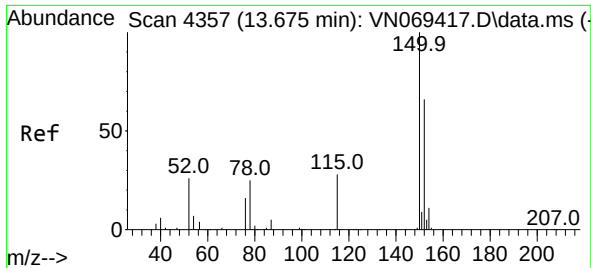
164 100

166 122.7 101.9 152.9

129 95.5 72.0 108.0

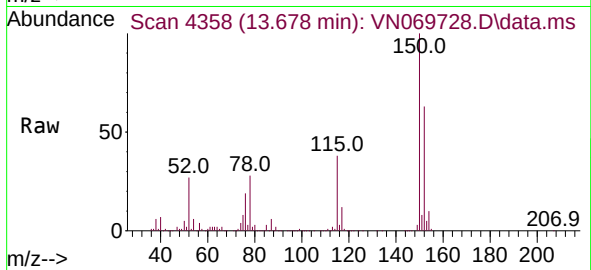
131 95.3 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069728.D
 Acq: 3 Dec 2021 19:28

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 955296
 Ion Ratio Lower Upper
 152 100
 115 59.9 27.5 82.5
 150 157.2 0.0 344.4

