

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069798.D
 Acq On : 6 Dec 2021 21:28
 Operator : JC/MD
 Sample : M4920-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-20211202-WC-S

Quant Time: Dec 07 03:51:14 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)

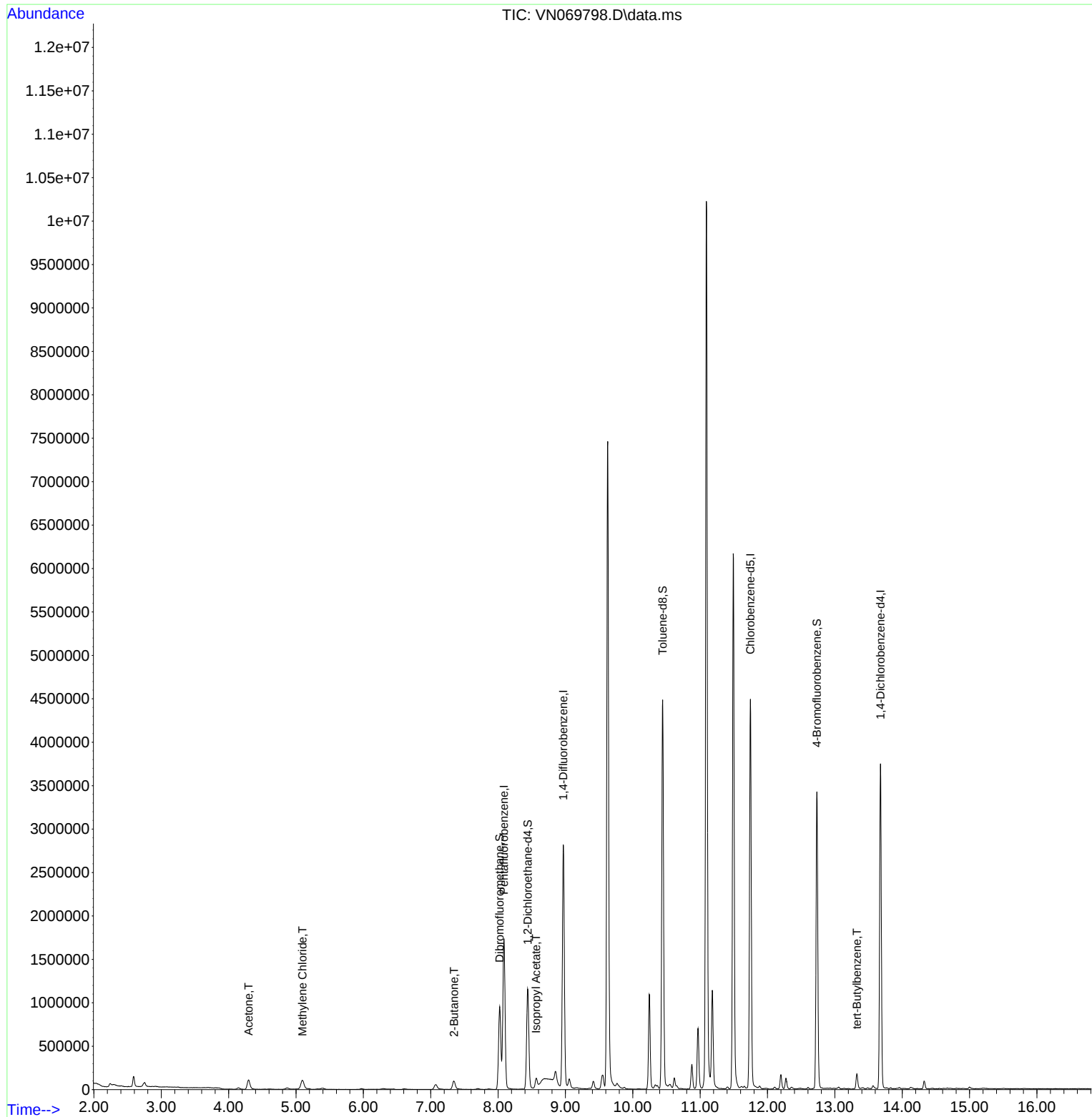
Internal Standards						
1) Pentafluorobenzene	8.088	168	1298740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2341620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2502302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	993876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	992899	49.515	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.020%
35) Dibromofluoromethane	8.024	113	681975	46.496	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.000%
50) Toluene-d8	10.443	98	3025948	51.379	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.733	95	1184777	55.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.060%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	210358	17.439	ug/l	95
20) Methylene Chloride	5.095	84	73370	4.575	ug/l #	85
25) 2-Butanone	7.345	43	147204	8.982	ug/l	90
43) Isopropyl Acetate	8.566	43	162267	3.305	ug/l #	83
83) tert-Butylbenzene	13.326	119	72629	1.152	ug/l	92

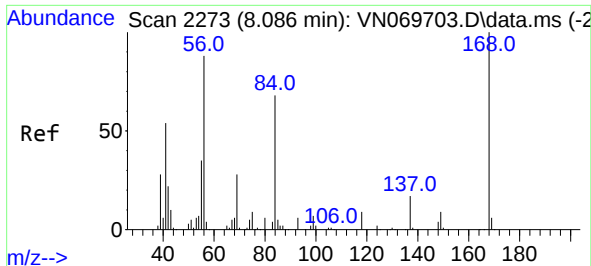
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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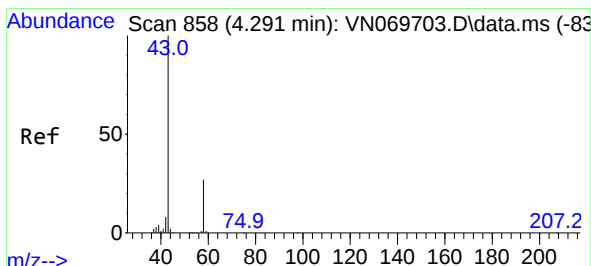
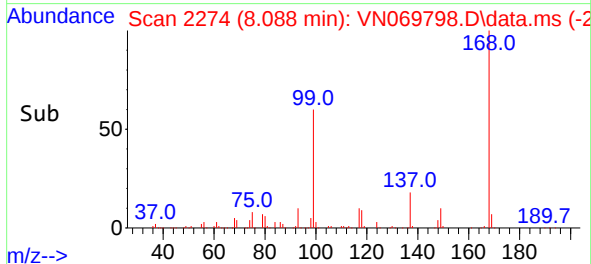
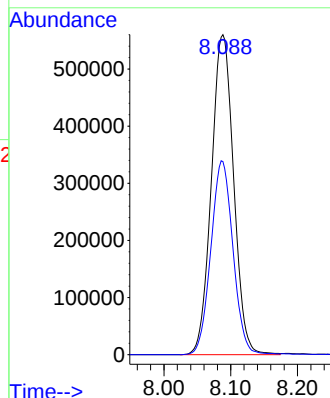
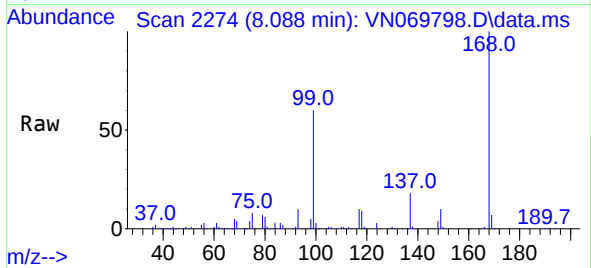




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069798.D
Acq: 6 Dec 2021 21:28

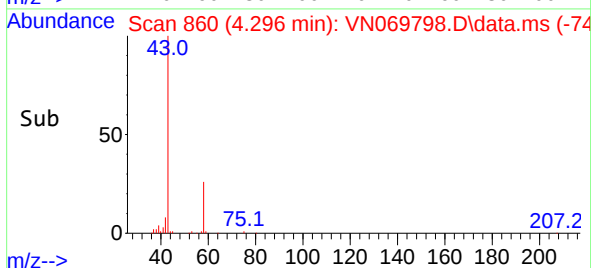
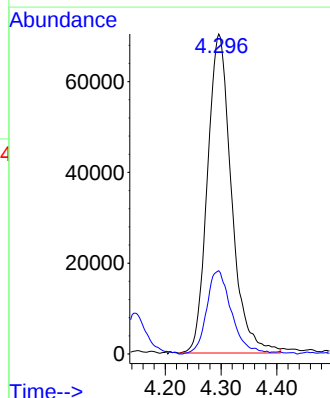
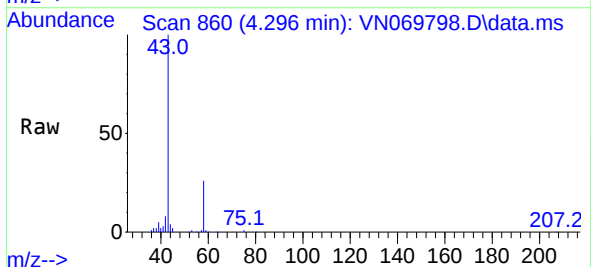
Instrument :
MSVOA_N
ClientSampleId :
FDR-20211202-WC-S

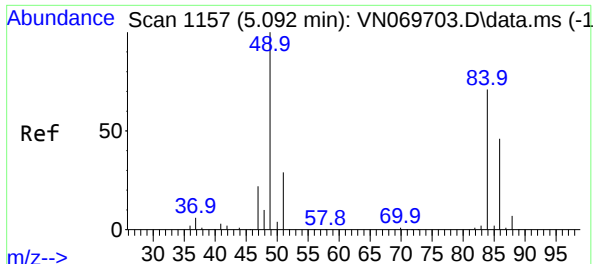
Tgt Ion:168 Resp: 1298740
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#16
Acetone
Concen: 17.439 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN069798.D
Acq: 6 Dec 2021 21:28

Tgt Ion: 43 Resp: 210358
Ion Ratio Lower Upper
43 100
58 26.1 23.1 34.7





#20

Methylene Chloride

Concen: 4.575 ug/l

RT: 5.095 min Scan# 1157

Delta R.T. 0.003 min

Lab File: VN069798.D

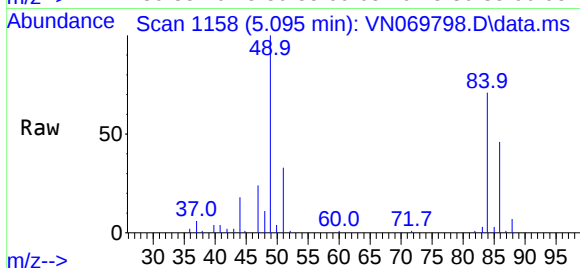
Acq: 6 Dec 2021 21:28

Instrument :

MSVOA_N

ClientSampleId :

FDR-20211202-WC-S



Tgt Ion: 84 Resp: 73370

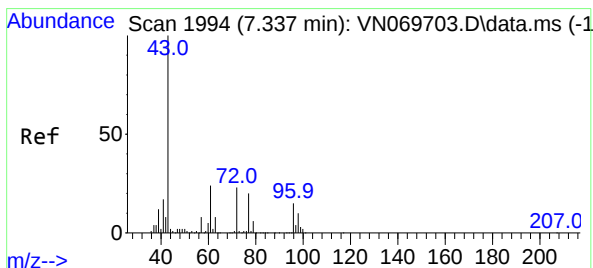
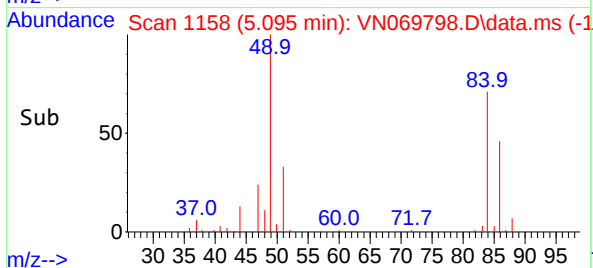
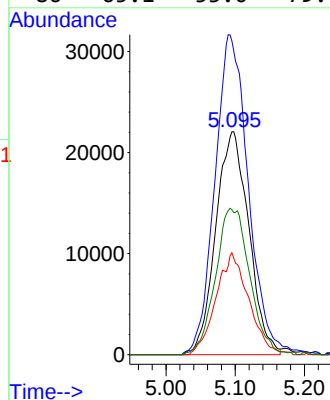
Ion Ratio Lower Upper

84 100

49 140.8 93.5 140.3#

51 45.8 29.4 44.2#

86 65.1 53.0 79.4



#25

2-Butanone

Concen: 8.982 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

Lab File: VN069798.D

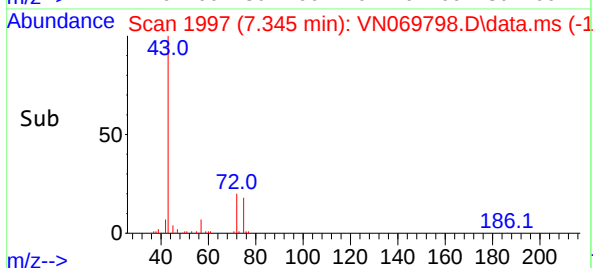
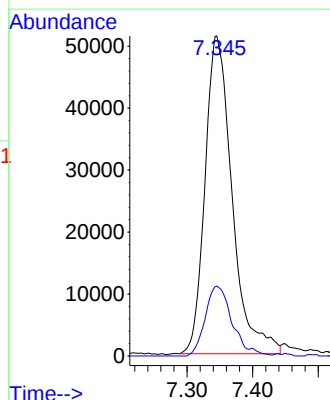
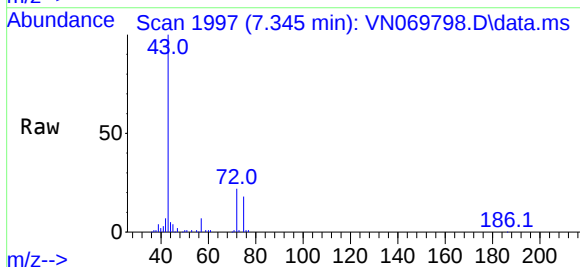
Acq: 6 Dec 2021 21:28

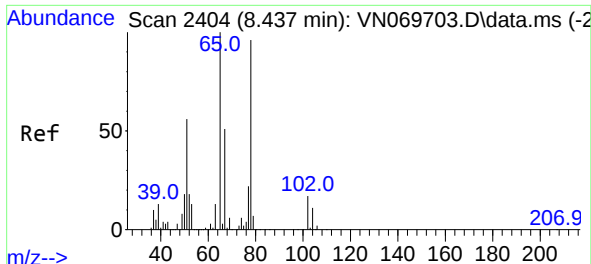
Tgt Ion: 43 Resp: 147204

Ion Ratio Lower Upper

43 100

72 22.0 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 49.515 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069798.D

Acq: 6 Dec 2021 21:28

Instrument :

MSVOA_N

ClientSampleId :

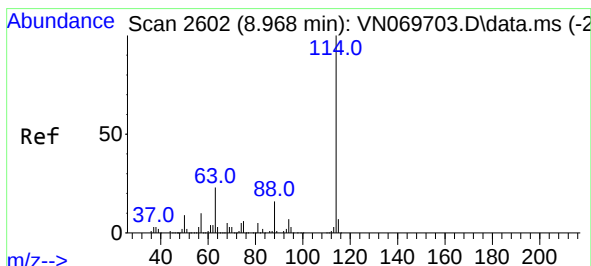
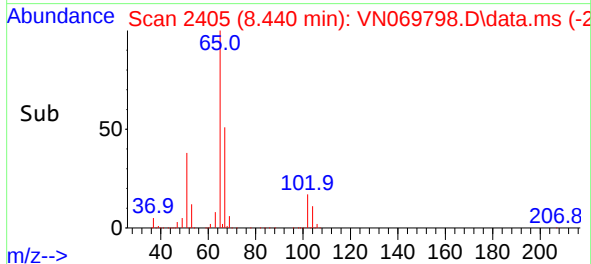
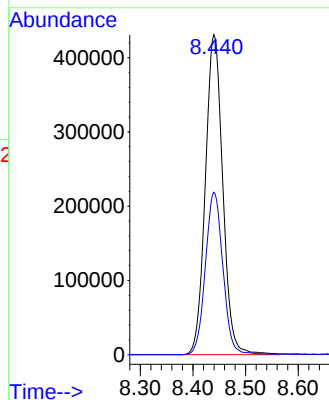
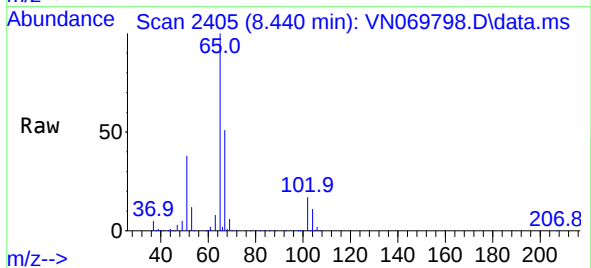
FDR-20211202-WC-S

Tgt Ion: 65 Resp: 992899

Ion Ratio Lower Upper

65 100

67 51.1 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: VN069798.D

Acq: 6 Dec 2021 21:28

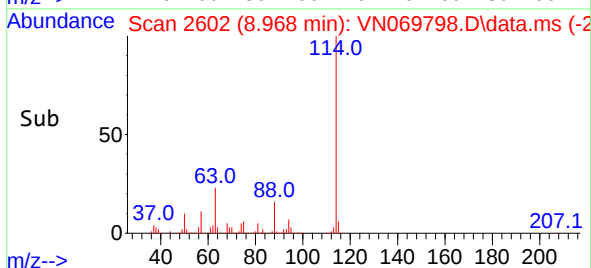
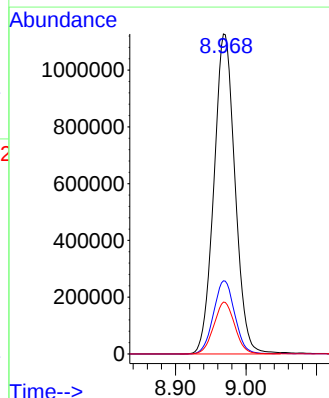
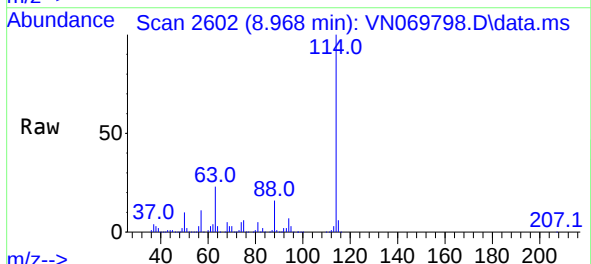
Tgt Ion: 114 Resp: 2341620

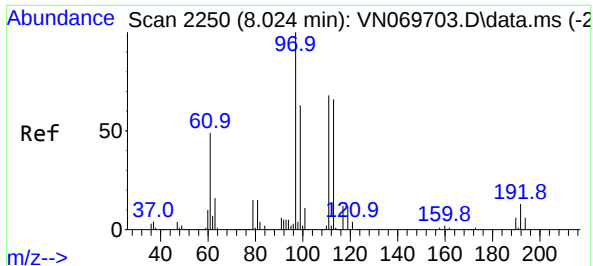
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.2 0.0 27.4

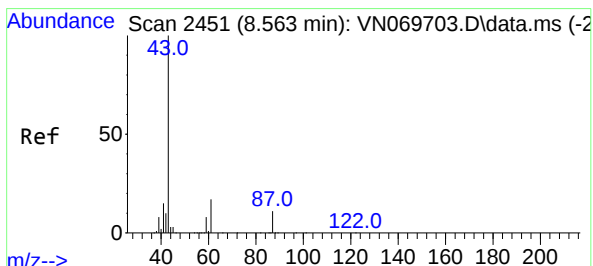
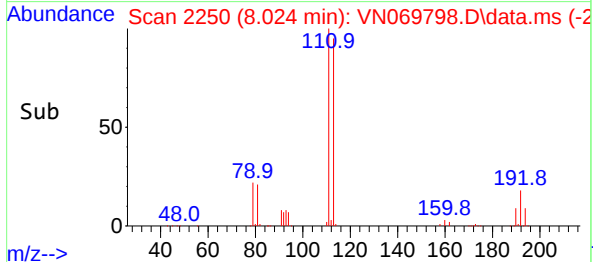
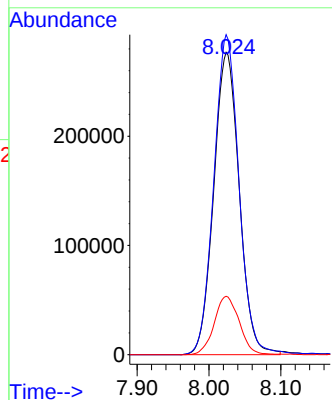
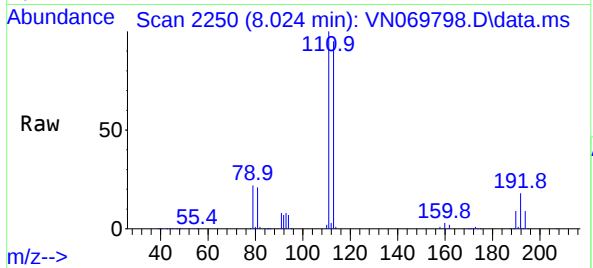




#35
Dibromofluoromethane
Concen: 46.496 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069798.D
Acq: 6 Dec 2021 21:28

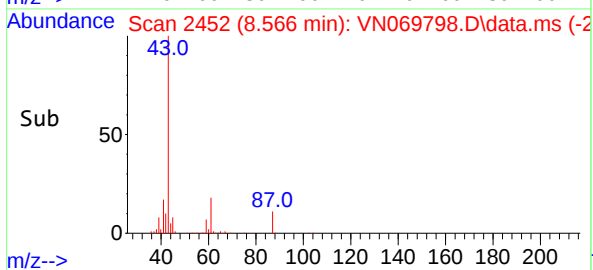
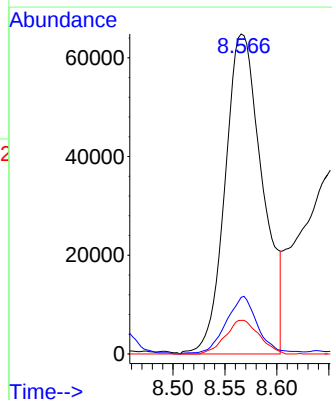
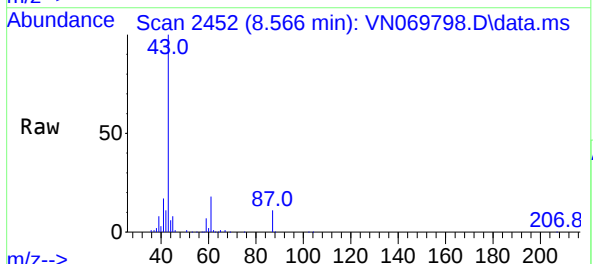
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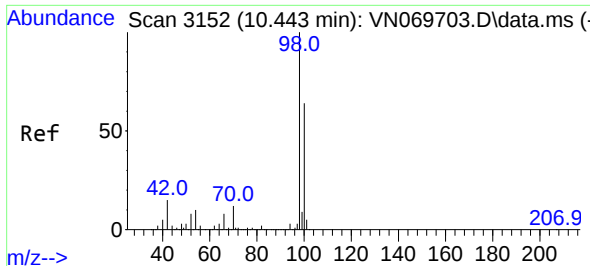
Tgt Ion:113 Resp: 681975
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 19.0 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.305 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069798.D
Acq: 6 Dec 2021 21:28

Tgt Ion: 43 Resp: 162267
Ion Ratio Lower Upper
43 100
61 15.5 20.4 30.6#
87 9.5 11.2 16.8#

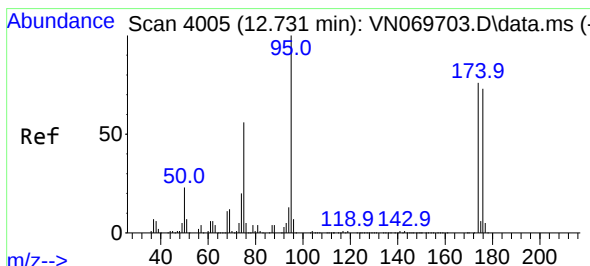
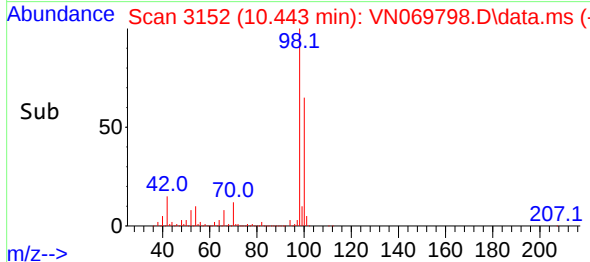
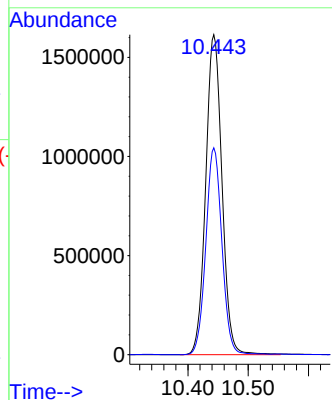
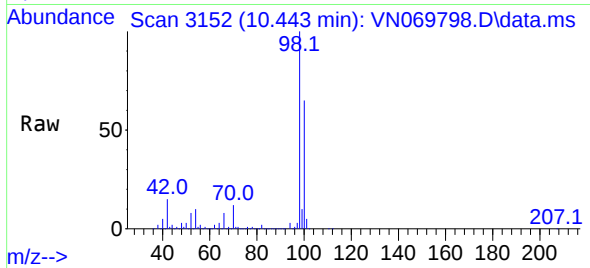




#50
Toluene-d8
Concen: 51.379 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069798.D
Acq: 6 Dec 2021 21:28

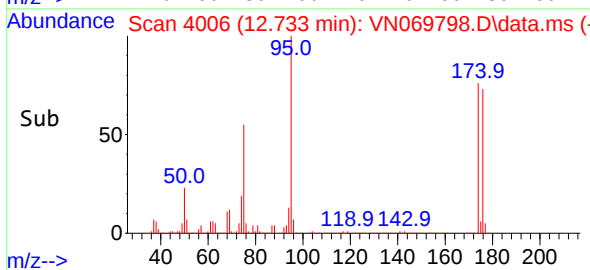
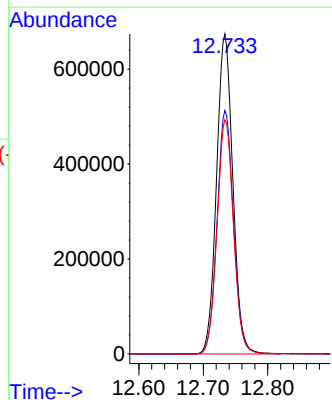
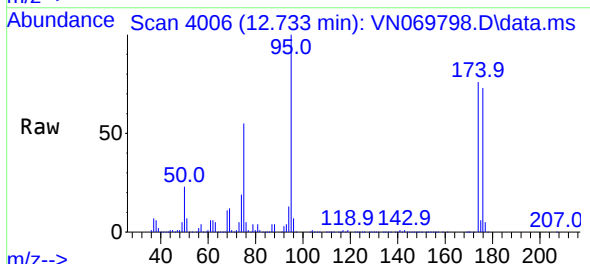
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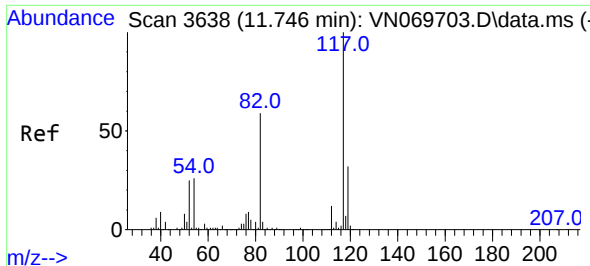
Tgt Ion: 98 Resp: 3025948
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.529 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069798.D
Acq: 6 Dec 2021 21:28

Tgt Ion: 95 Resp: 1184777
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.8 0.0 181.4



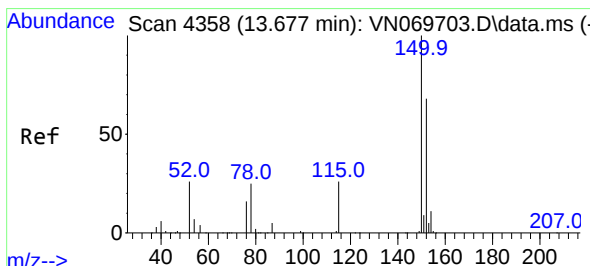
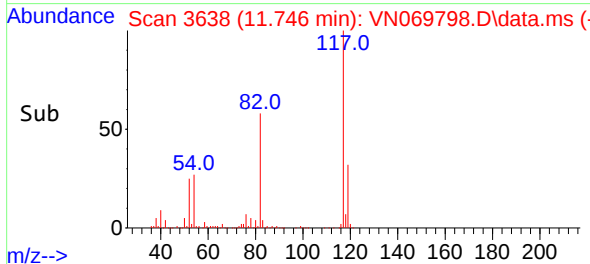
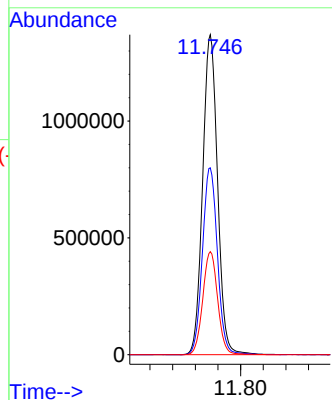
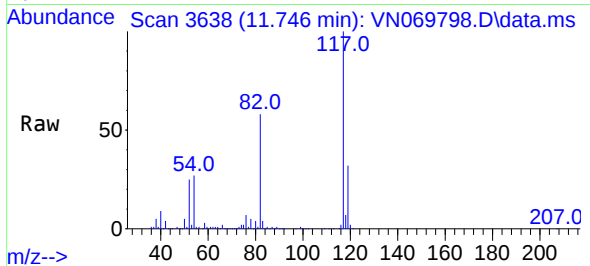


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069798.D
Acq: 6 Dec 2021 21:28

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 2502302

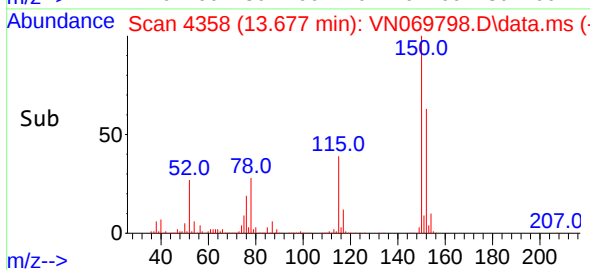
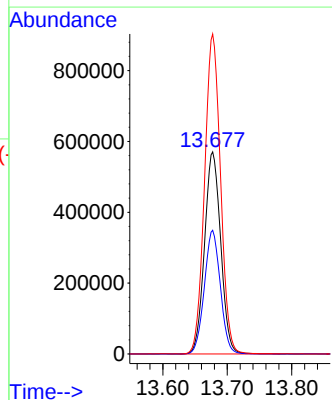
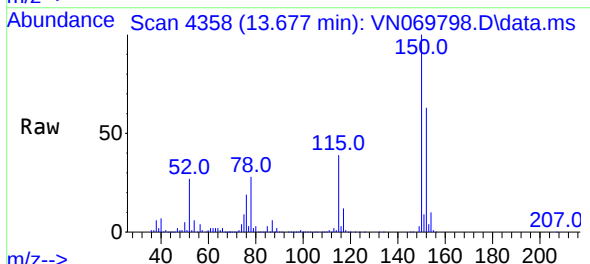
Ion	Ratio	Lower	Upper
117	100		
82	58.4	42.4	63.6
119	32.2	25.4	38.2

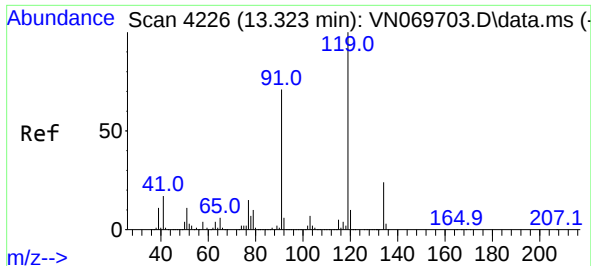


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069798.D
Acq: 6 Dec 2021 21:28

Tgt Ion:152 Resp: 993876

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.5	82.5
150	156.3	0.0	344.4





#83

tert-Butylbenzene

Concen: 1.152 ug/l

RT: 13.326 min Scan# 41

Delta R.T. 0.003 min

Lab File: VN069798.D

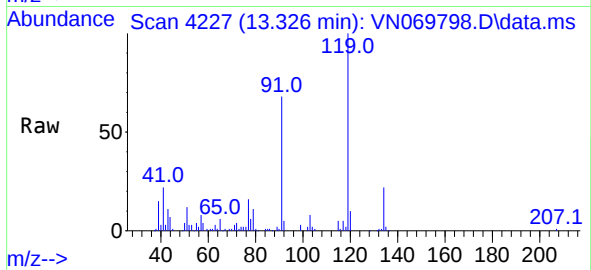
Acq: 6 Dec 2021 21:28

Instrument :

MSVOA_N

ClientSampleId :

FDR-20211202-WC-S



Tgt Ion:119 Resp: 72629

Ion Ratio Lower Upper

119 100

91 71.0 31.5 94.5

134 23.6 12.4 37.4

