

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069714.D
 Acq On : 3 Dec 2021 13:00
 Operator : JC/MD
 Sample : M4920-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 04 05:31:26 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)

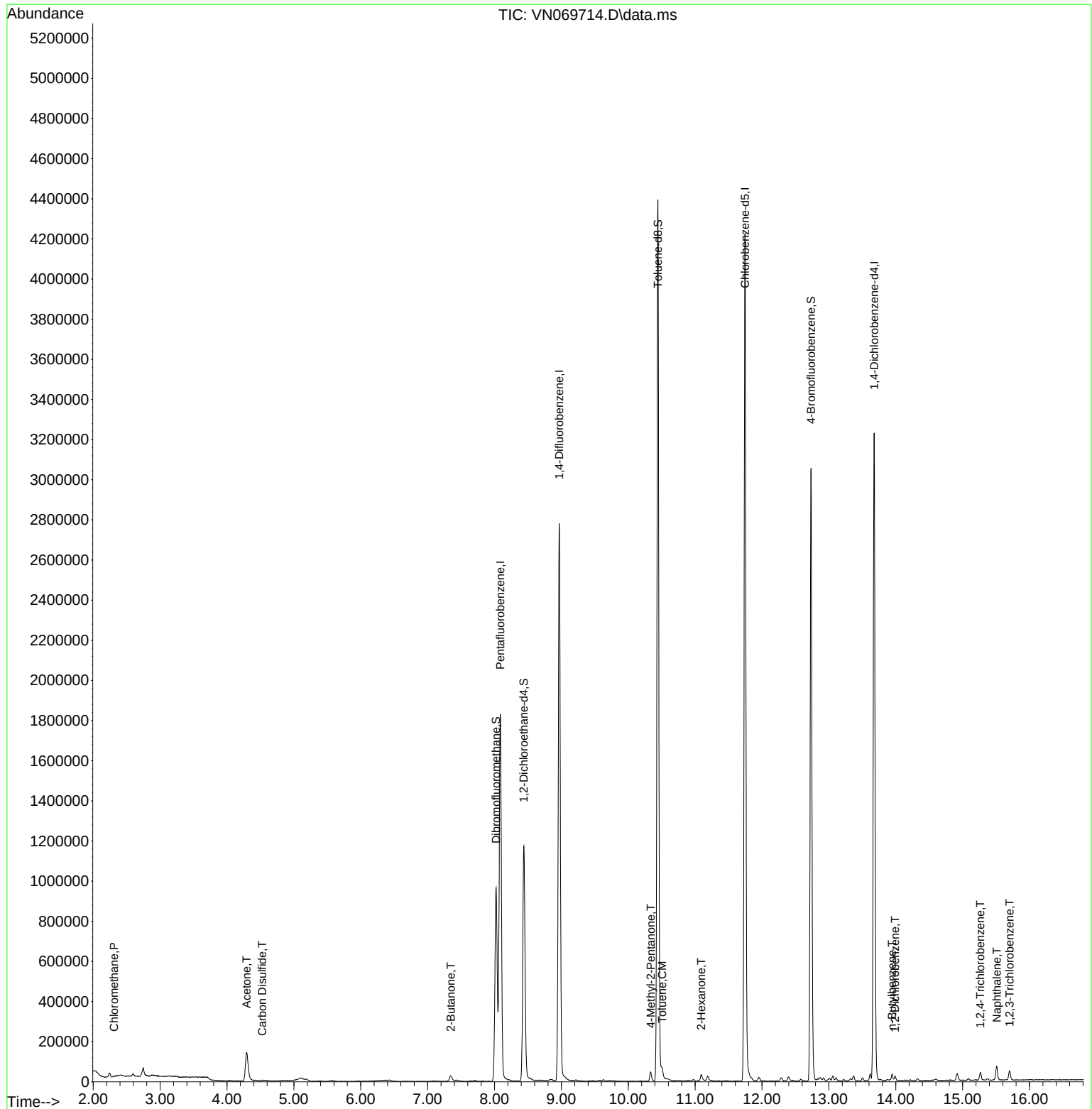
Internal Standards						
1) Pentafluorobenzene	8.086	168	1374309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2375301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2377128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	864496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1027065	48.402	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.800%		
35) Dibromofluoromethane	8.024	113	704906	47.378	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.760%		
50) Toluene-d8	10.443	98	3019075	50.536	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.080%		
62) 4-Bromofluorobenzene	12.733	95	1071913	49.527	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.060%		
Target Compounds						Qvalue
3) Chloromethane	2.309	50	4047	0.202	ug/l	92
16) Acetone	4.293	43	276068	21.628	ug/l	96
17) Carbon Disulfide	4.527	76	7677	0.227	ug/l	97
25) 2-Butanone	7.348	43	47295	2.727	ug/l #	89
51) 4-Methyl-2-Pentanone	10.336	43	35487	1.098	ug/l	94
52) Toluene	10.505	92	14305	0.339	ug/l	98
59) 2-Hexanone	11.092	43	28271	1.157	ug/l	89
89) n-Butylbenzene	13.943	91	18519	0.393	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	8005	0.277	ug/l	90
93) 1,2,4-Trichlorobenzene	15.265	180	12908	3.736	ug/l	97
95) Naphthalene	15.509	128	61824	5.332	ug/l	96
96) 1,2,3-Trichlorobenzene	15.702	180	15560	3.506	ug/l	99

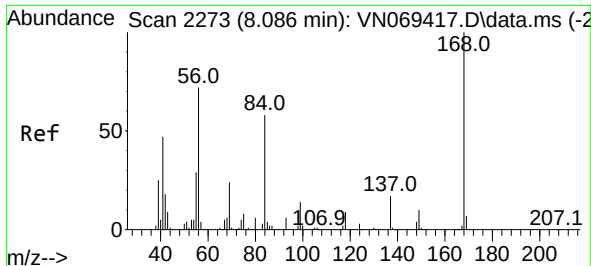
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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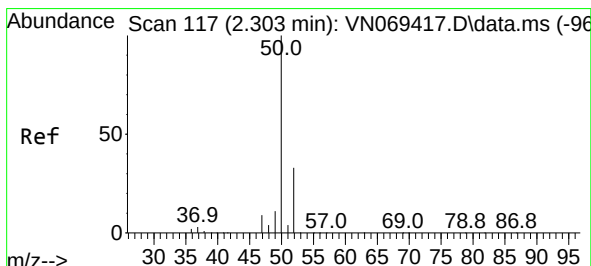
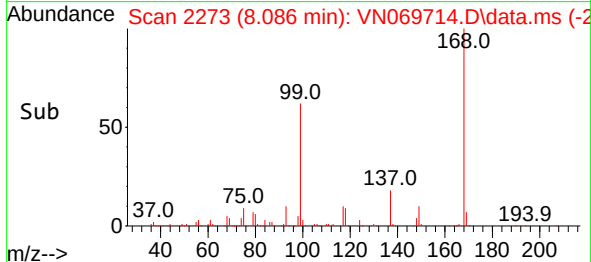
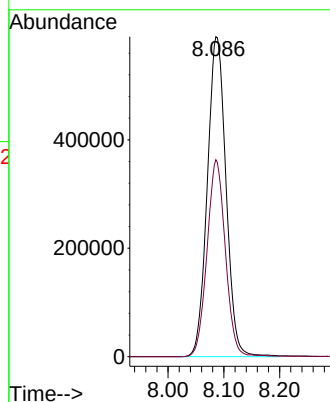
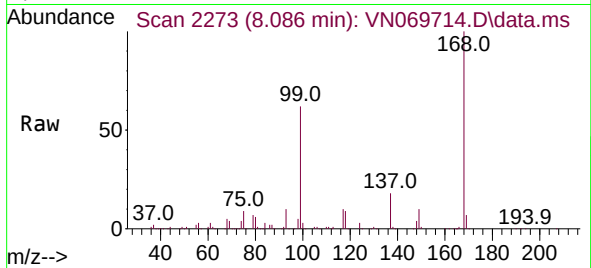




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

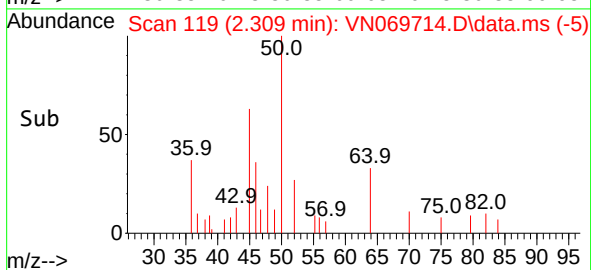
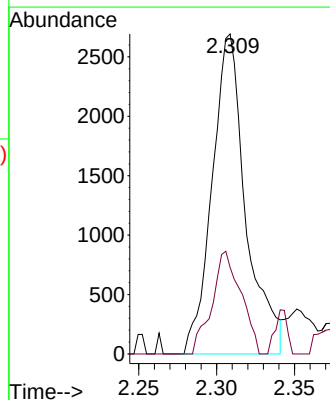
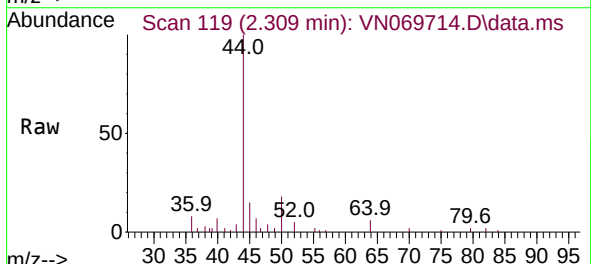
Instrument :
MSVOA_N
ClientSampleId :
FDR-20211202-WC-W

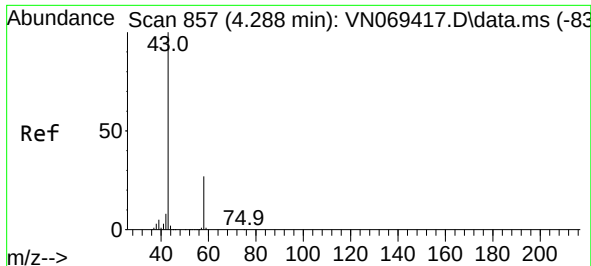
Tgt Ion:168 Resp: 1374309
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.005 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

Tgt Ion: 50 Resp: 4047
Ion Ratio Lower Upper
50 100
52 27.0 25.4 38.0

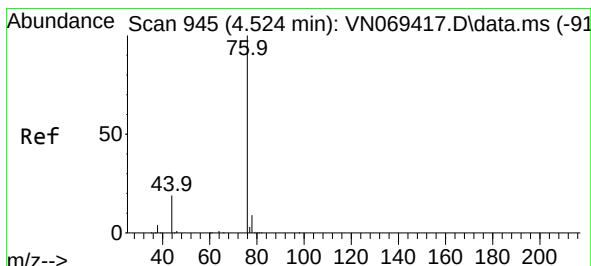
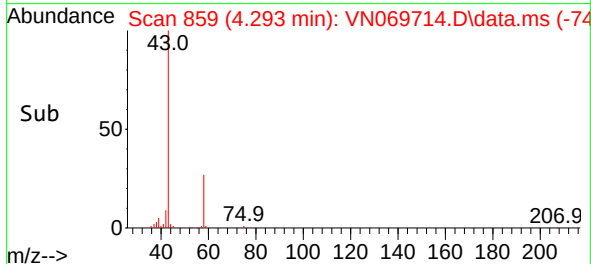
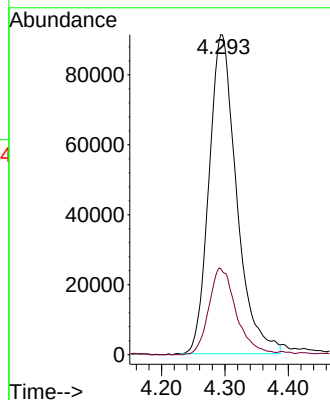
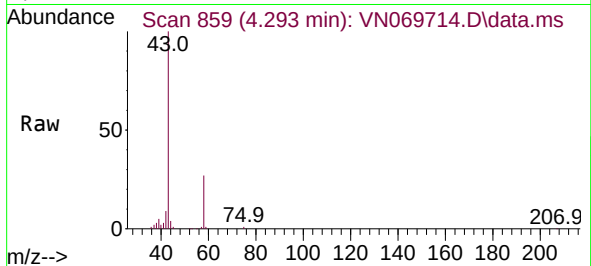




#16
Acetone
Concen: 21.628 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

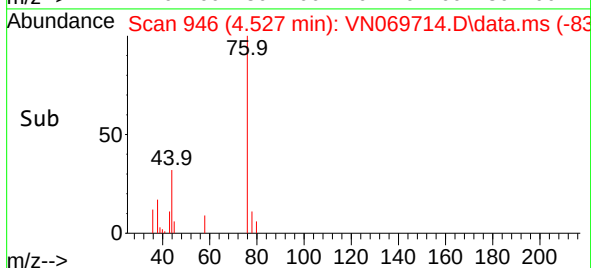
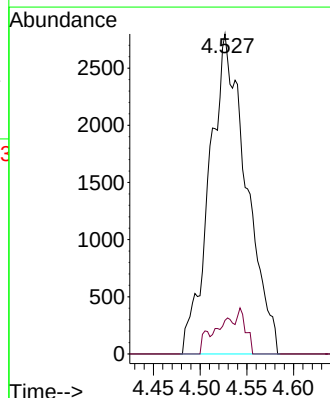
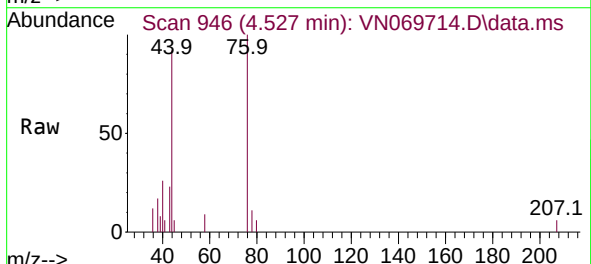
Instrument :
MSVOA_N
ClientSampleId :
FDR-20211202-WC-W

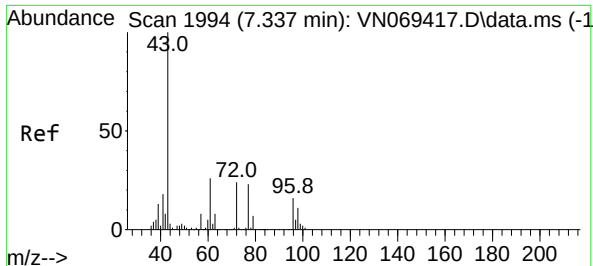
Tgt Ion: 43 Resp: 276068
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7



#17
Carbon Disulfide
Concen: 0.227 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.003 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

Tgt Ion: 76 Resp: 7677
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3





#25

2-Butanone

Concen: 2.727 ug/l

RT: 7.348 min Scan# 1994

Delta R.T. 0.011 min

Lab File: VN069714.D

Acq: 3 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

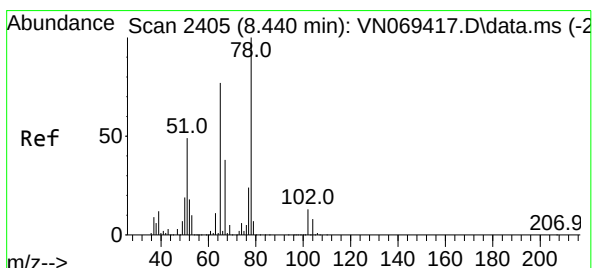
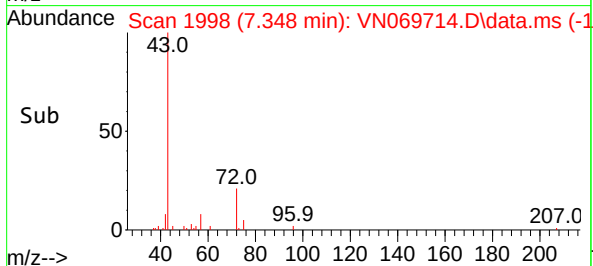
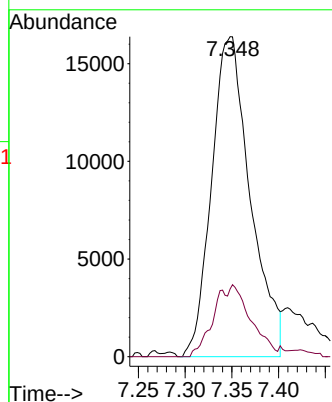
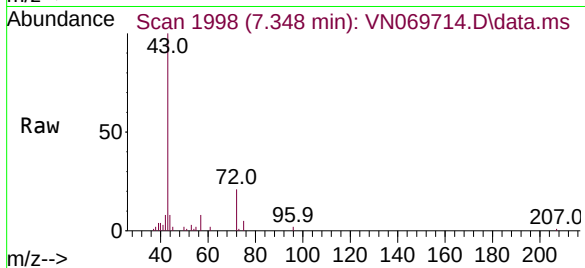
FDR-20211202-WC-W

Tgt Ion: 43 Resp: 47295

Ion Ratio Lower Upper

43 100

72 21.1 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 48.402 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069714.D

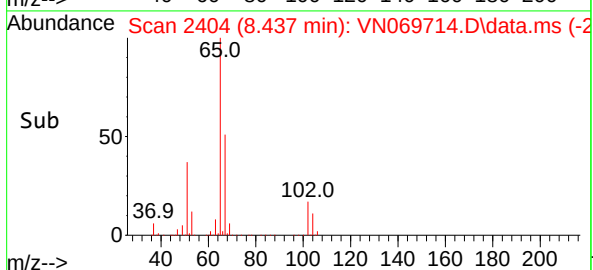
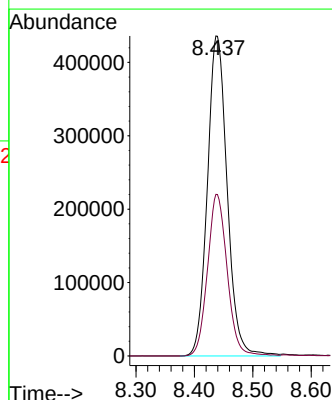
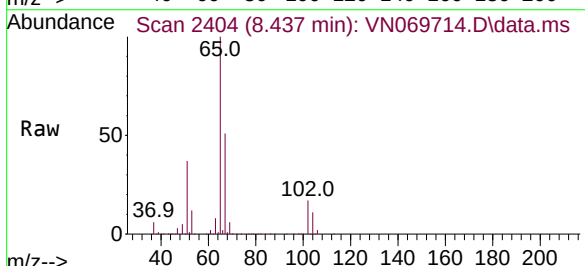
Acq: 3 Dec 2021 13:00

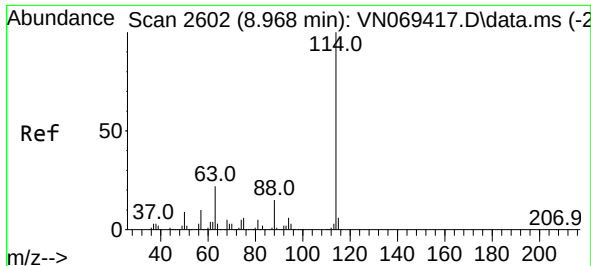
Tgt Ion: 65 Resp: 1027065

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0

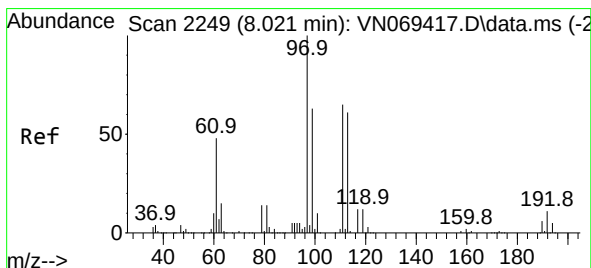
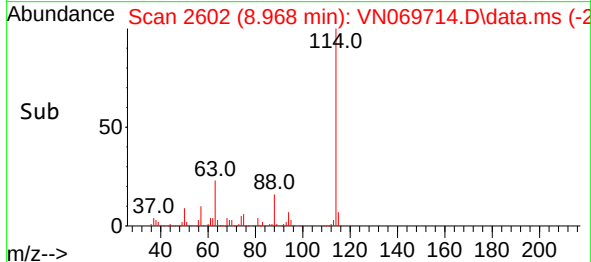
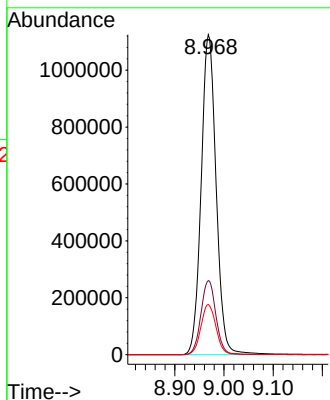
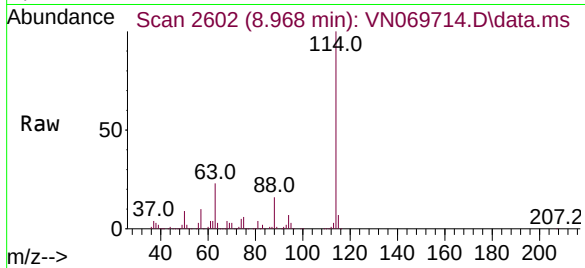




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

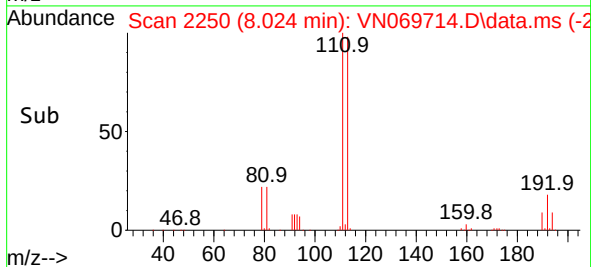
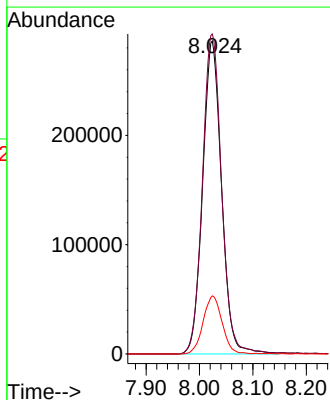
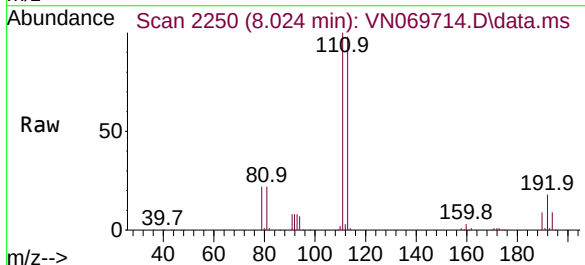
Instrument :
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FDR-20211202-WC-W

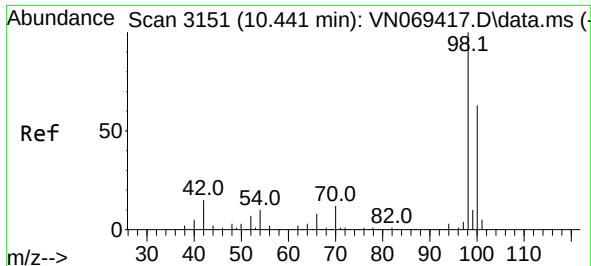
Tgt Ion:114 Resp: 2375301
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.378 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

Tgt Ion:113 Resp: 704906
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.6 16.9 25.3

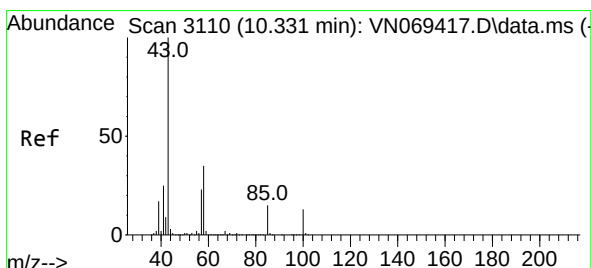
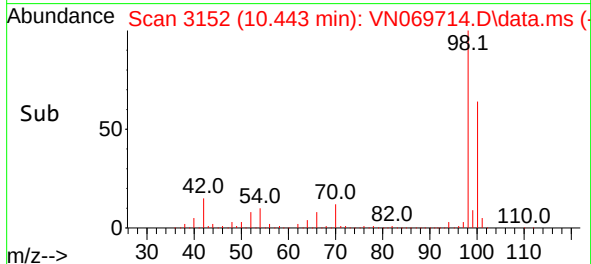
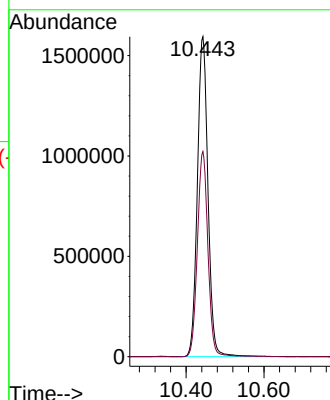
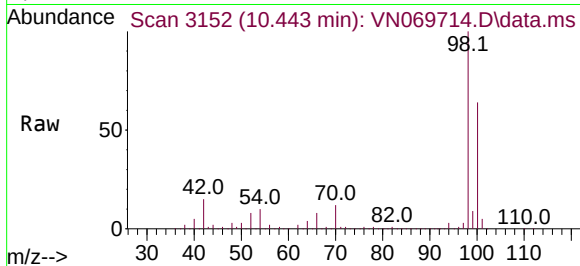




#50
Toluene-d8
Concen: 50.536 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

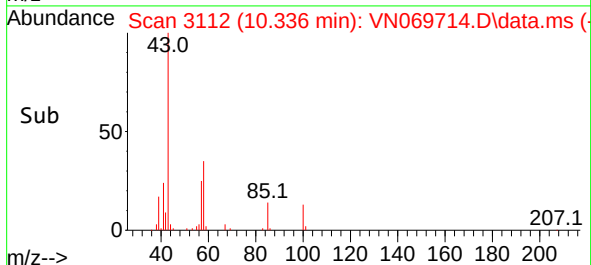
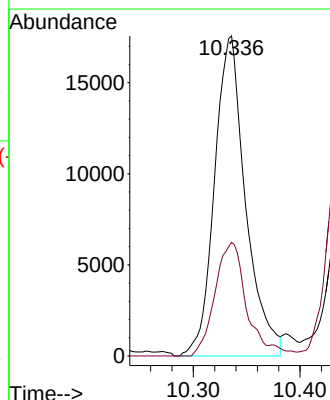
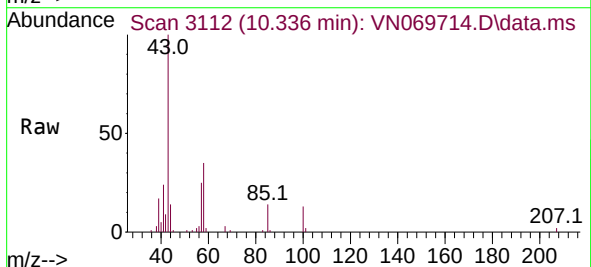
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ClientSampleId :
FDR-20211202-WC-W

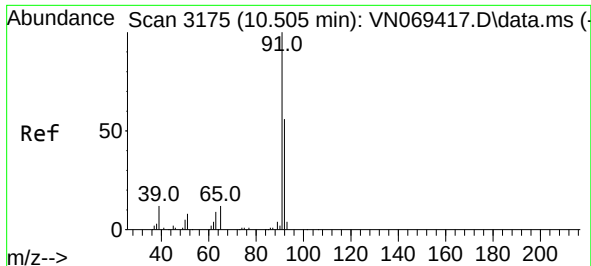
Tgt Ion: 98 Resp: 3019075
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.098 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

Tgt Ion: 43 Resp: 35487
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

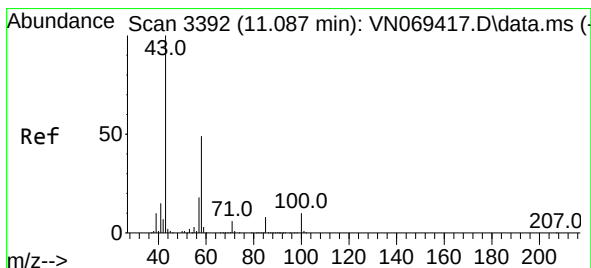
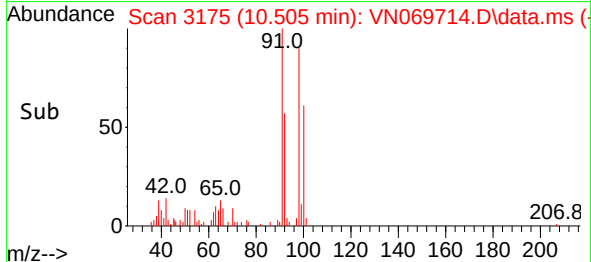
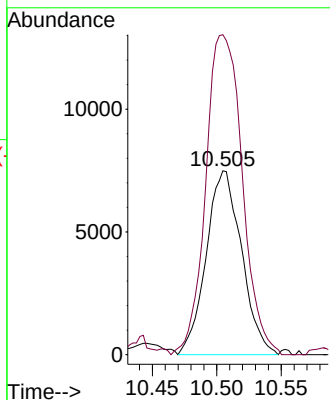
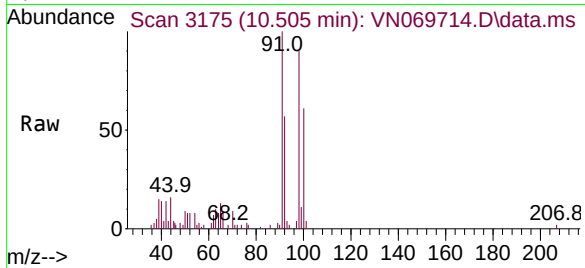




#52
Toluene
Concen: 0.339 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

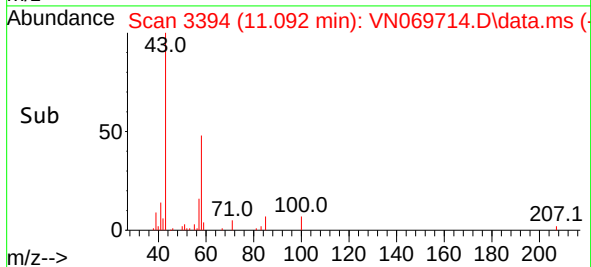
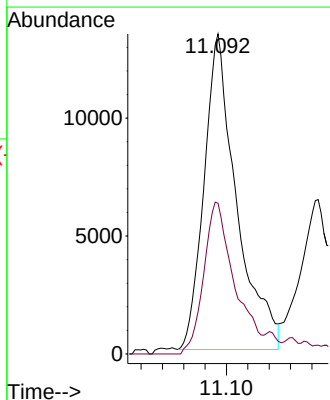
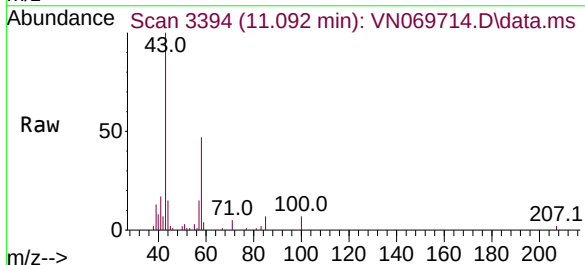
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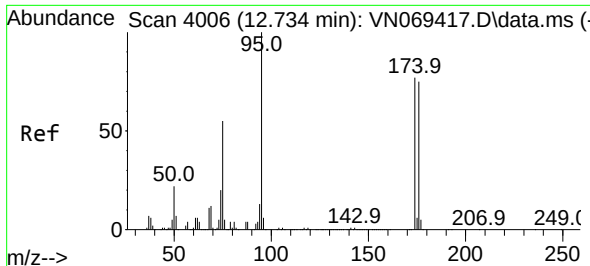
Tgt Ion: 92 Resp: 14305
Ion Ratio Lower Upper
92 100
91 180.0 142.0 213.0



#59
2-Hexanone
Concen: 1.157 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

Tgt Ion: 43 Resp: 28271
Ion Ratio Lower Upper
43 100
58 45.6 26.9 80.7

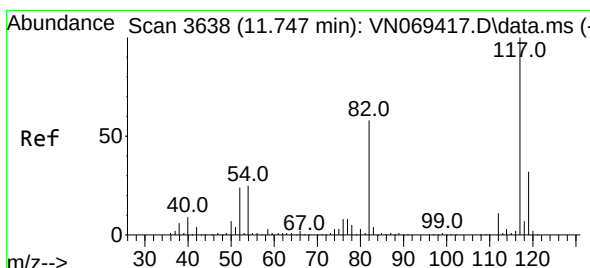
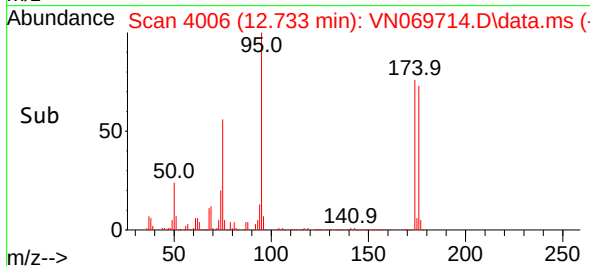
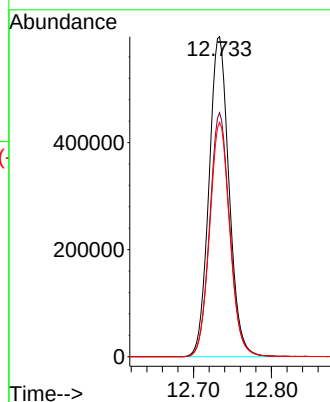
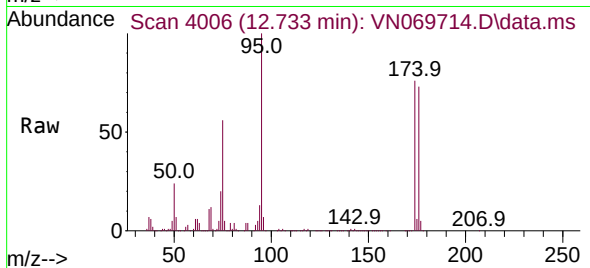




#62
4-Bromofluorobenzene
Concen: 49.527 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

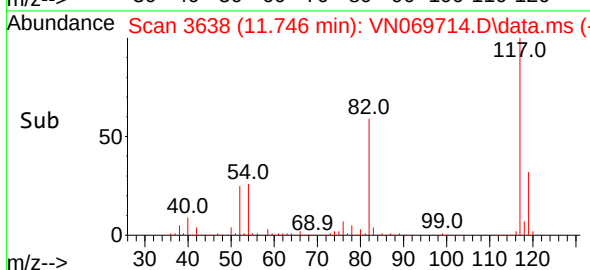
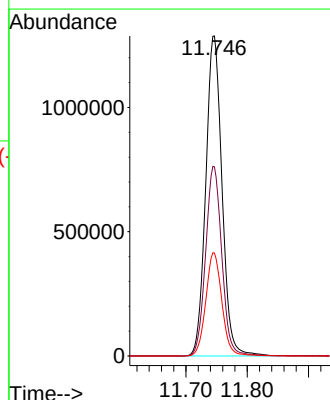
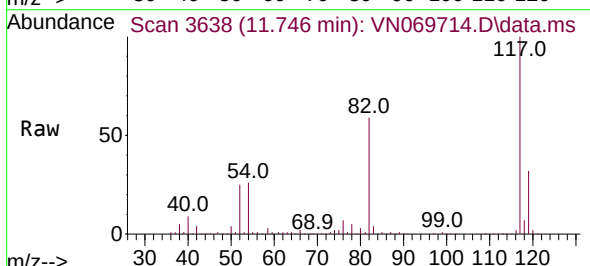
Instrument :
MSVOA_N
ClientSampleId :
FDR-20211202-WC-W

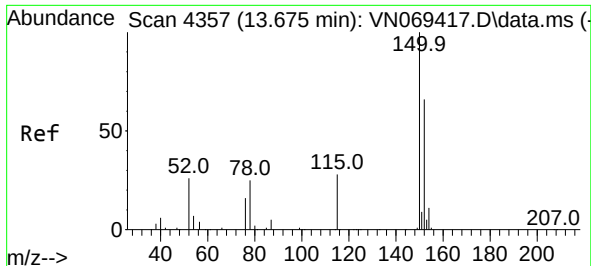
Tgt Ion: 95 Resp: 1071913
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

Tgt Ion: 117 Resp: 2377128
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.2 25.4 38.2

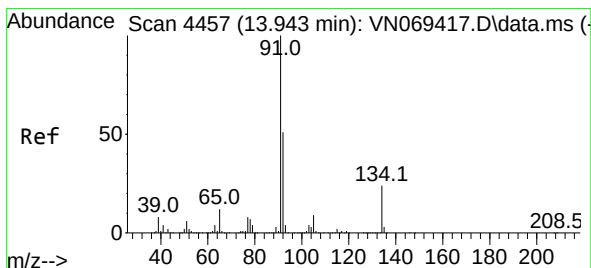
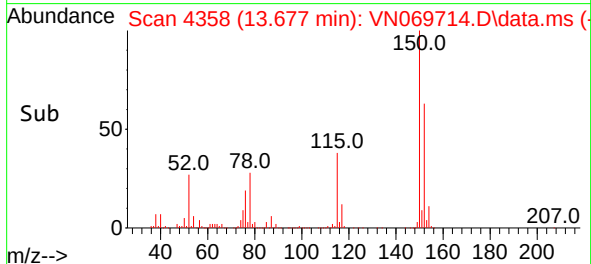
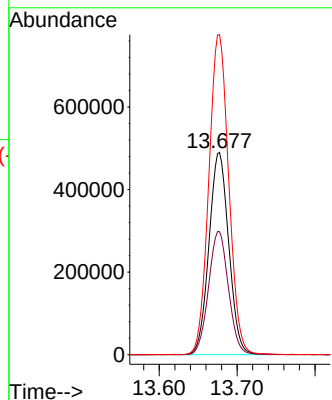
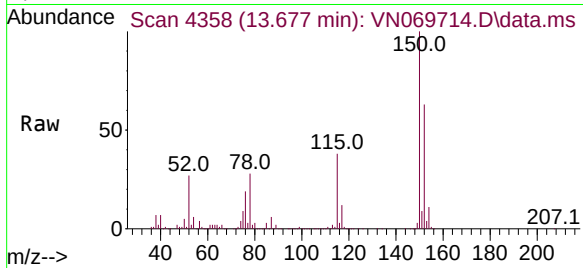




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

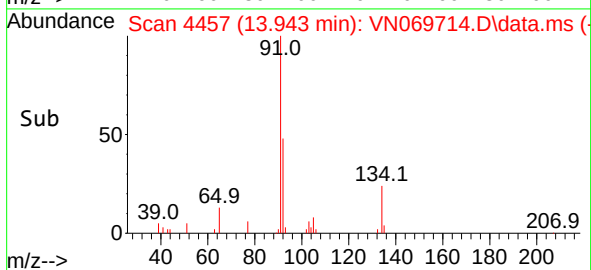
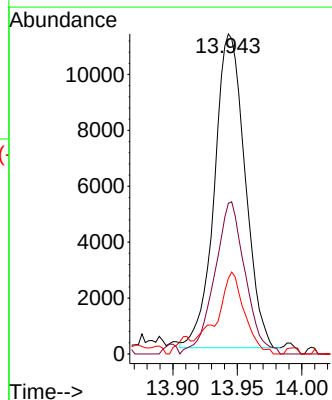
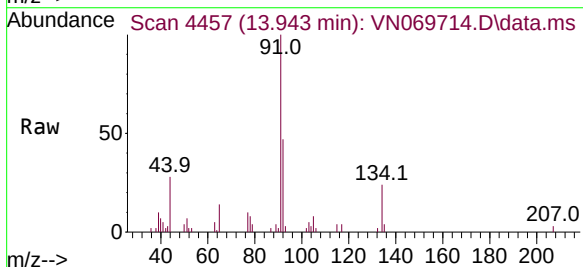
Instrument :
MSVOA_N
ClientSampleId :
FDR-20211202-WC-W

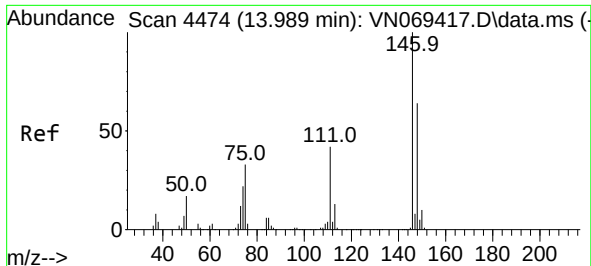
Tgt Ion:152 Resp: 864496
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 159.1 0.0 344.4



#89
n-Butylbenzene
Concen: 0.393 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

Tgt Ion: 91 Resp: 18519
Ion Ratio Lower Upper
91 100
92 48.5 25.4 76.0
134 23.6 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.277 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. 0.003 min

Lab File: VN069714.D

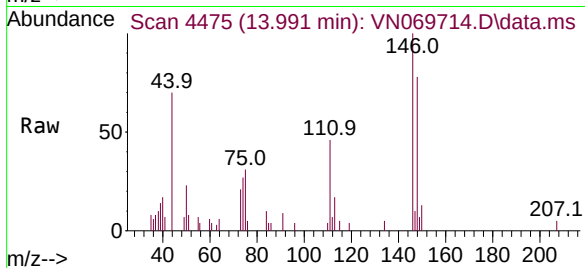
Acq: 3 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

FDR-20211202-WC-W



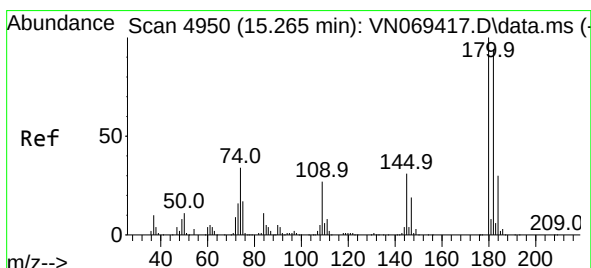
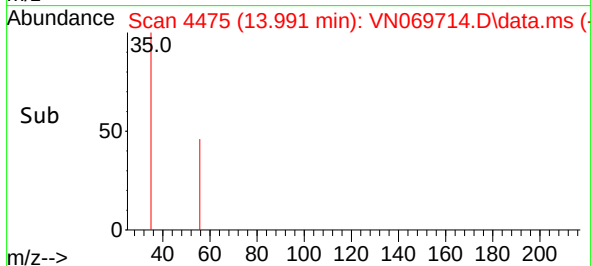
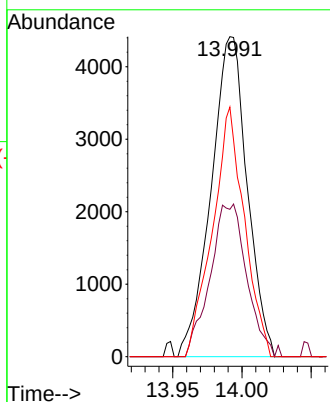
Tgt Ion:146 Resp: 8005

Ion Ratio Lower Upper

146 100

111 48.5 19.1 57.3

148 68.8 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 3.736 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069714.D

Acq: 3 Dec 2021 13:00

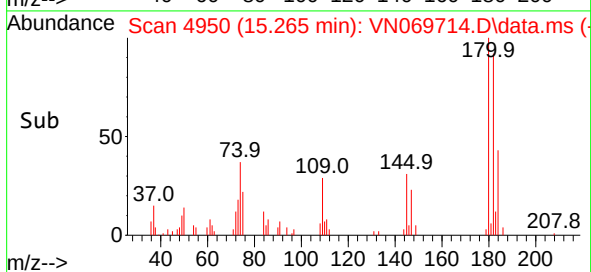
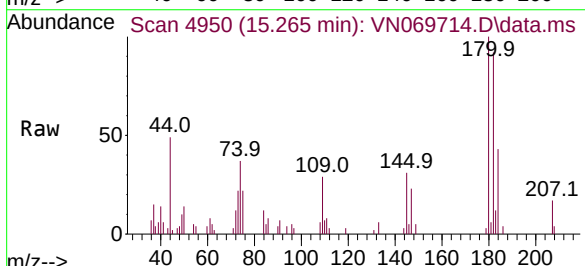
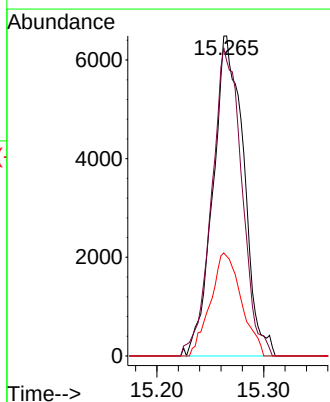
Tgt Ion:180 Resp: 12908

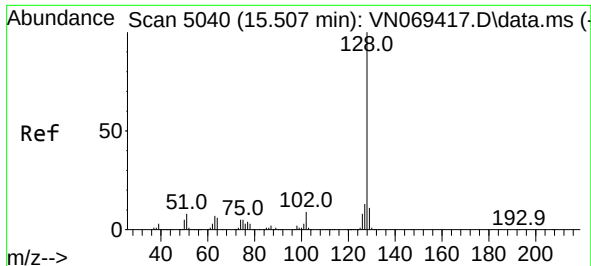
Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.9

145 32.5 14.5 43.5

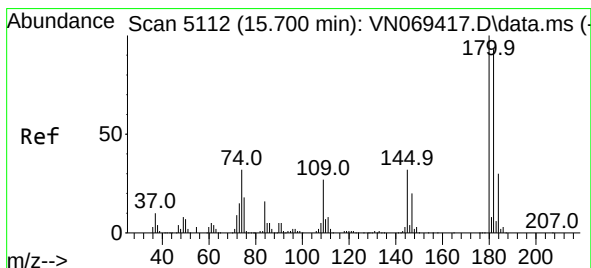
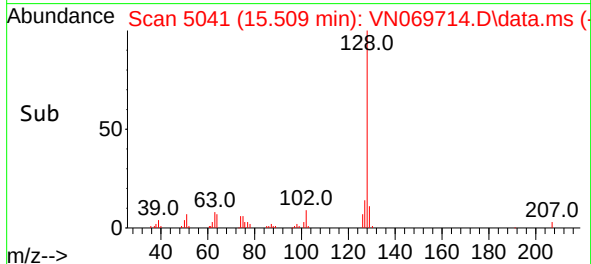
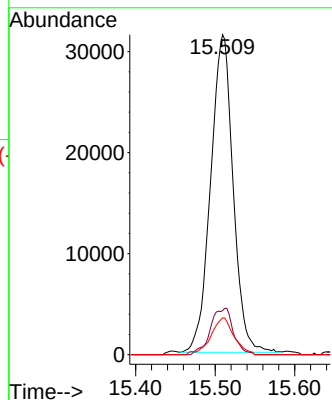
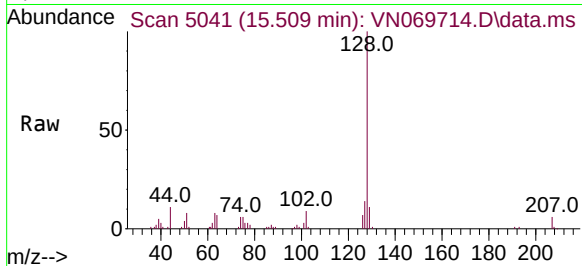




#95
Naphthalene
Concen: 5.332 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

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

Tgt Ion:128 Resp: 61824
Ion Ratio Lower Upper
128 100
127 14.8 10.5 15.7
129 11.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.506 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069714.D
Acq: 3 Dec 2021 13:00

Tgt Ion:180 Resp: 15560
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 32.3 15.0 45.1

