

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072112.D
 Acq On : 21 Apr 2022 05:55
 Operator : JC\MD
 Sample : N2482-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-4

Quant Time: Apr 21 07:16:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

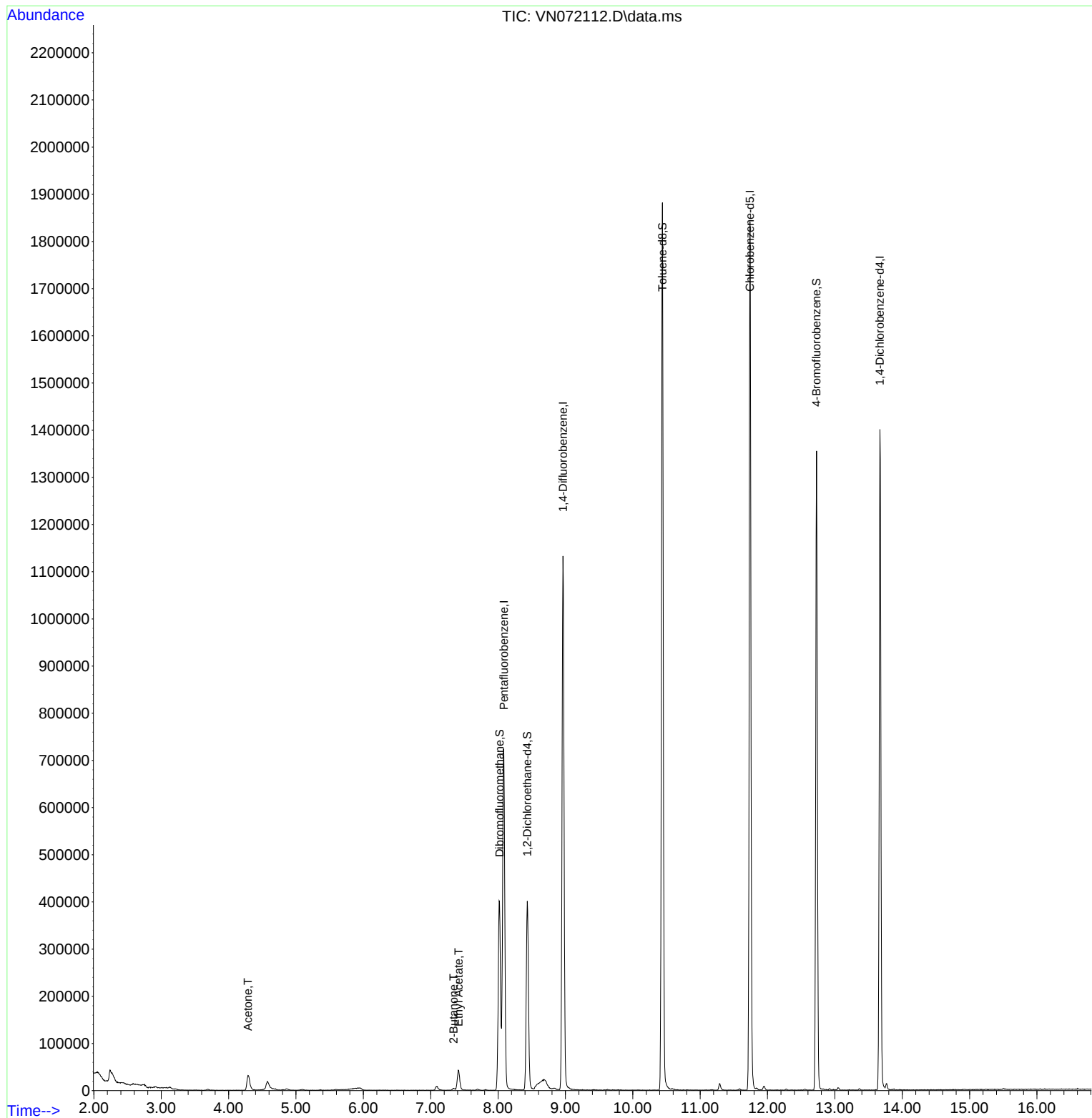
Internal Standards						
1) Pentafluorobenzene	8.087	168	621059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1074915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1145691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	428234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	330276	46.583	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.160%
35) Dibromofluoromethane	8.022	113	304186	48.091	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.180%
50) Toluene-d8	10.439	98	1375091	53.143	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.727	95	479370	57.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.560%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	58579	19.333	ug/l	94
25) 2-Butanone	7.340	43	7454	1.706	ug/l	94
37) Ethyl Acetate	7.416	43	64053	6.625	ug/l	95

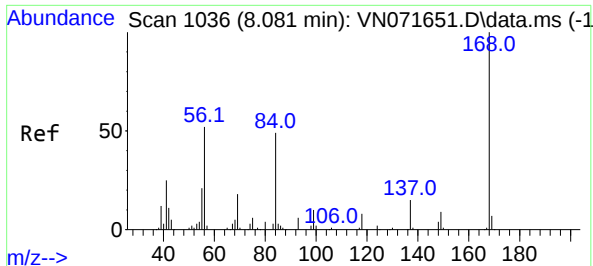
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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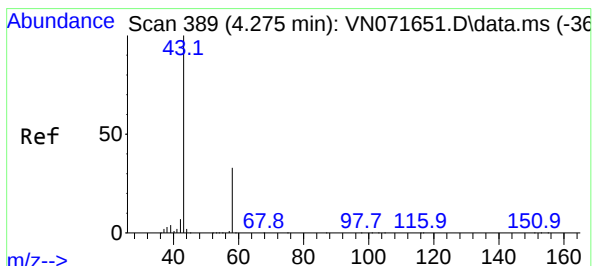
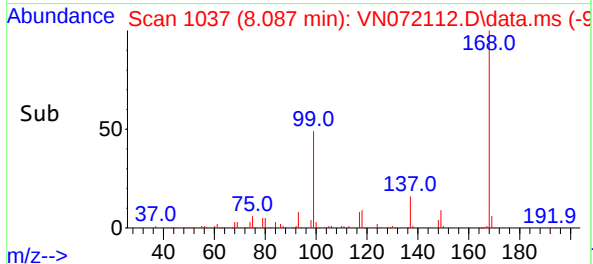
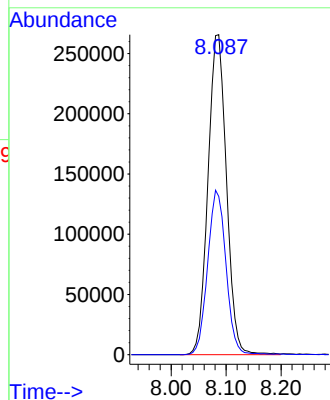
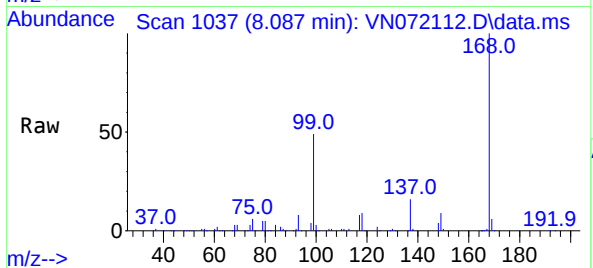




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072112.D
Acq: 21 Apr 2022 05:55

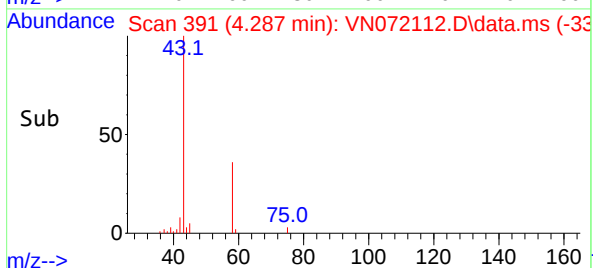
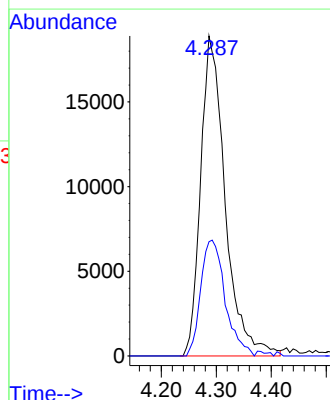
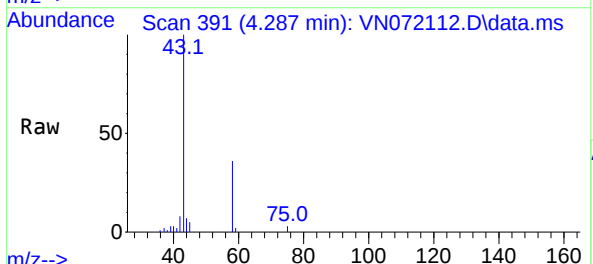
Instrument :
MSVOA_N
ClientSampleId :
SPN-4

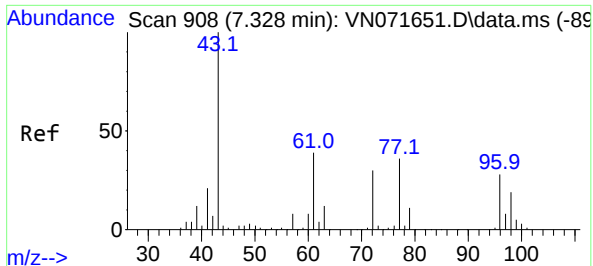
Tgt Ion:168 Resp: 621059
Ion Ratio Lower Upper
168 100
99 49.5 42.3 63.5



#16
Acetone
Concen: 19.333 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072112.D
Acq: 21 Apr 2022 05:55

Tgt Ion: 43 Resp: 58579
Ion Ratio Lower Upper
43 100
58 35.7 26.0 39.0





#25

2-Butanone

Concen: 1.706 ug/l

RT: 7.340 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN072112.D

Acq: 21 Apr 2022 05:55

Instrument :

MSVOA_N

ClientSampleId :

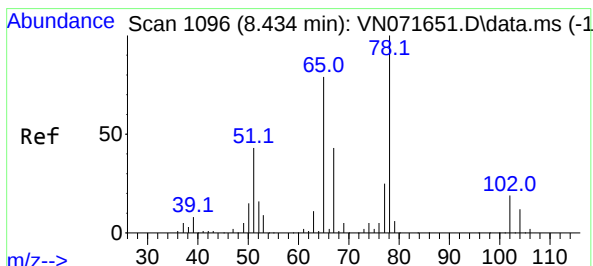
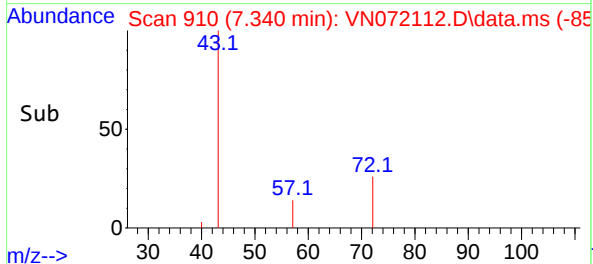
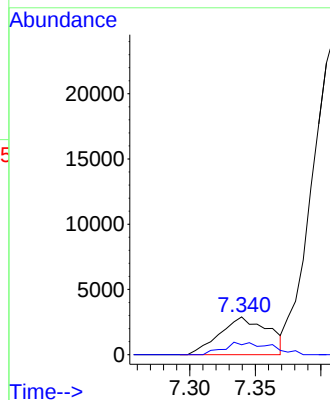
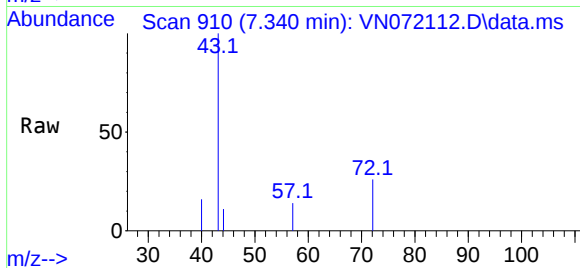
SPN-4

Tgt Ion: 43 Resp: 7454

Ion Ratio Lower Upper

43 100

72 26.5 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 46.583 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072112.D

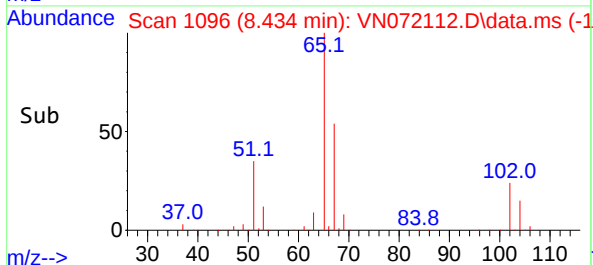
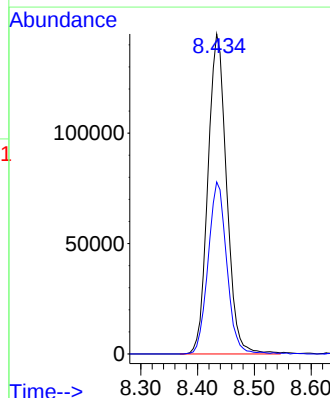
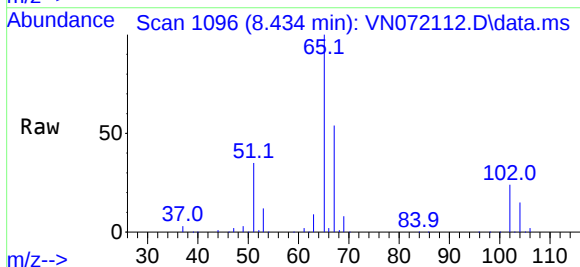
Acq: 21 Apr 2022 05:55

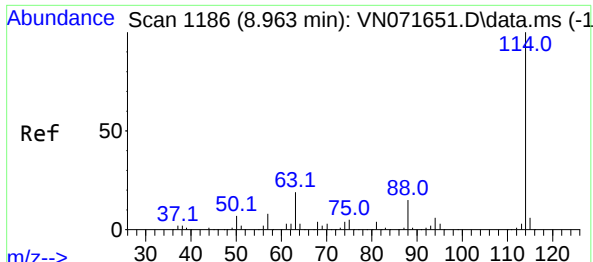
Tgt Ion: 65 Resp: 330276

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072112.D

Acq: 21 Apr 2022 05:55

Instrument :

MSVOA_N

ClientSampleId :

SPN-4

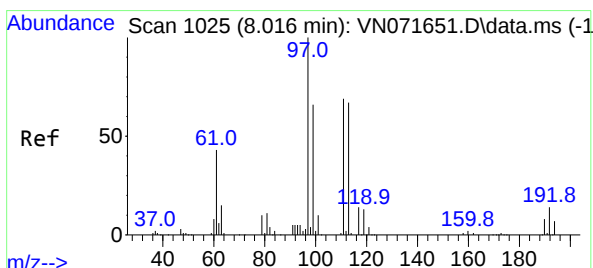
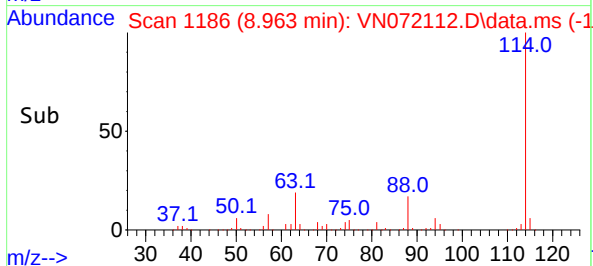
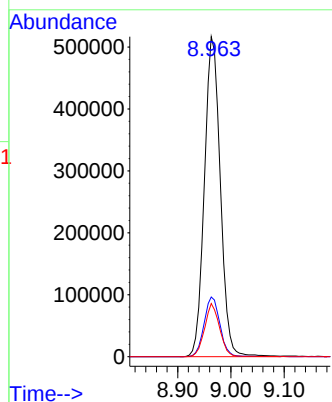
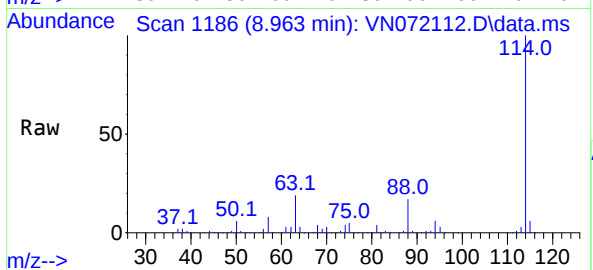
Tgt Ion:114 Resp: 1074915

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.091 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072112.D

Acq: 21 Apr 2022 05:55

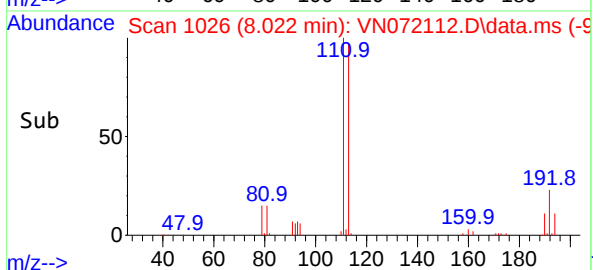
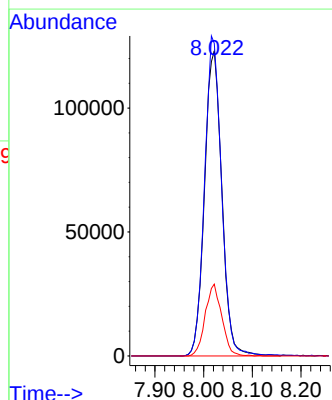
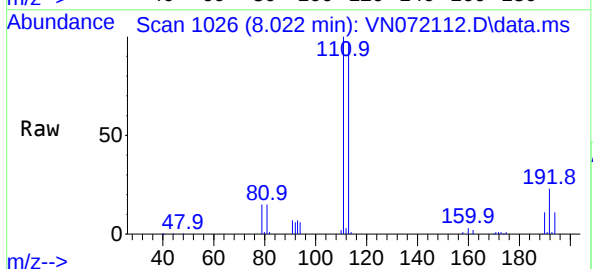
Tgt Ion:113 Resp: 304186

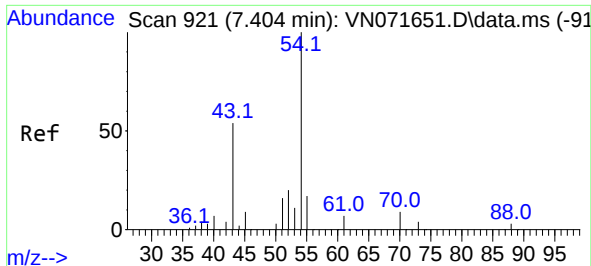
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 22.5 17.0 25.6

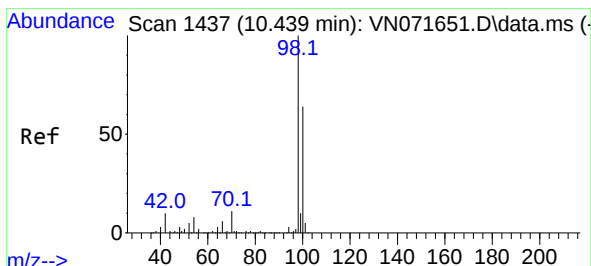
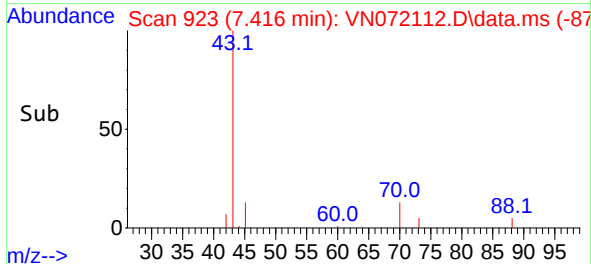
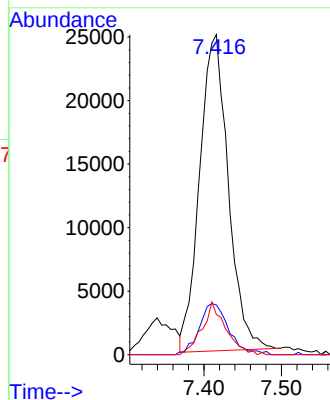
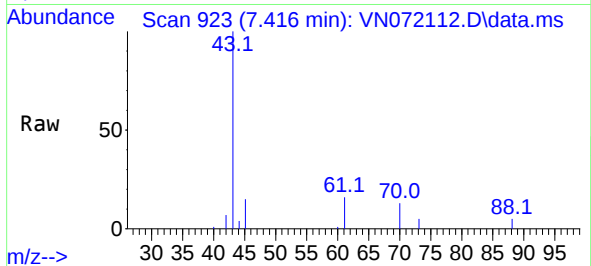




#37
Ethyl Acetate
Concen: 6.625 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072112.D
Acq: 21 Apr 2022 05:55

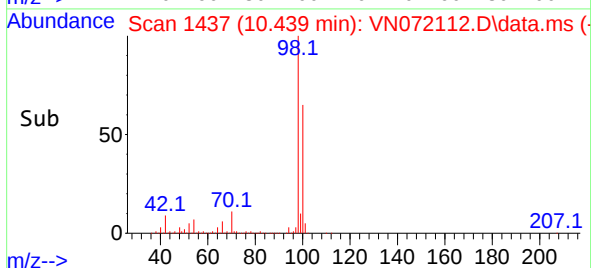
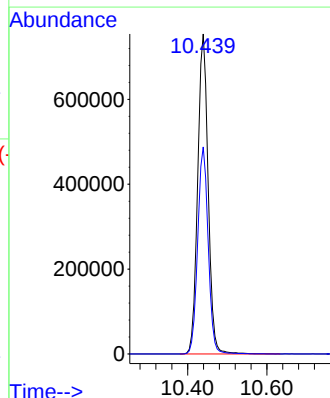
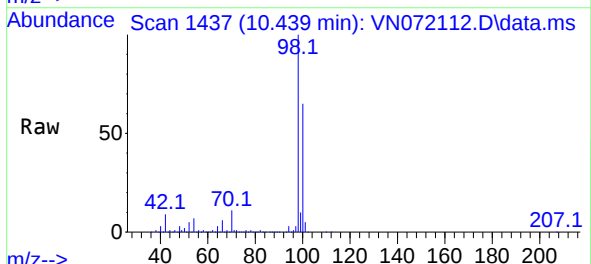
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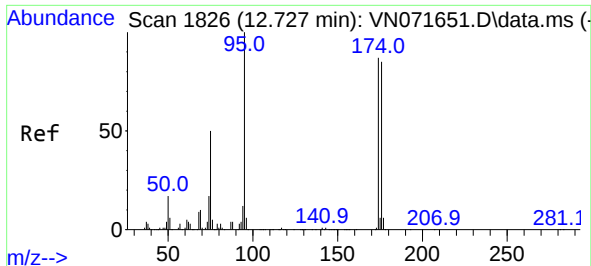
Tgt Ion: 43 Resp: 64053
Ion Ratio Lower Upper
43 100
61 16.6 11.8 17.6
70 13.8 9.3 13.9



#50
Toluene-d8
Concen: 53.143 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072112.D
Acq: 21 Apr 2022 05:55

Tgt Ion: 98 Resp: 1375091
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

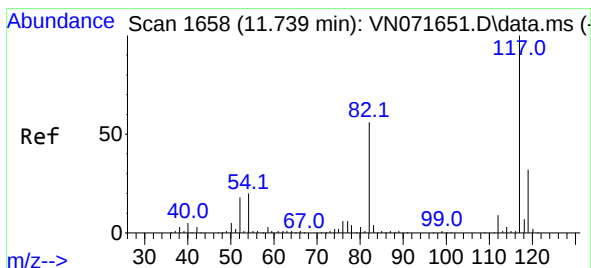
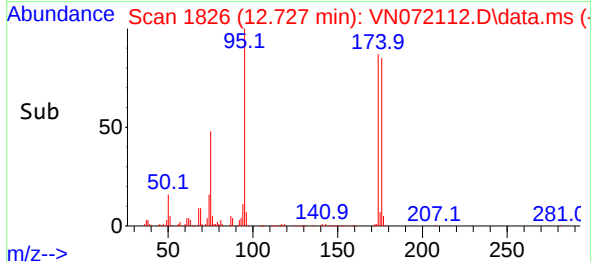
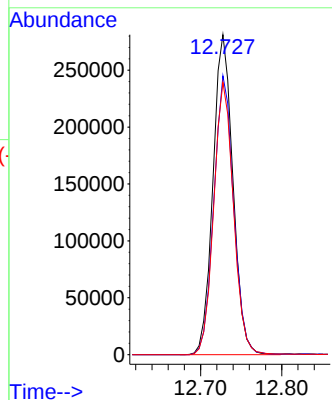
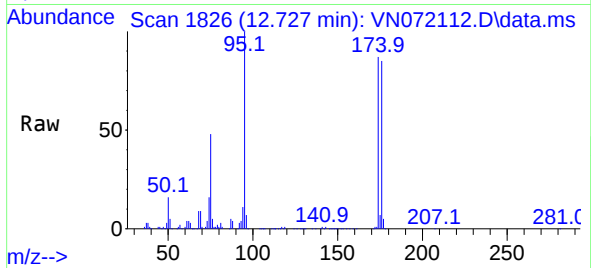




#62
4-Bromofluorobenzene
Concen: 57.283 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072112.D
Acq: 21 Apr 2022 05:55

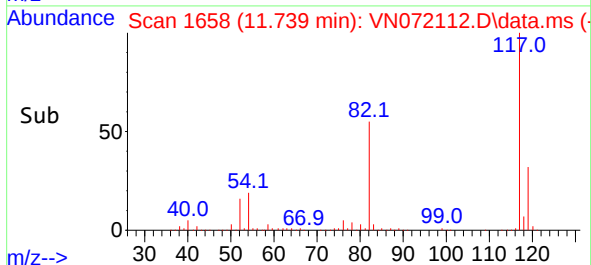
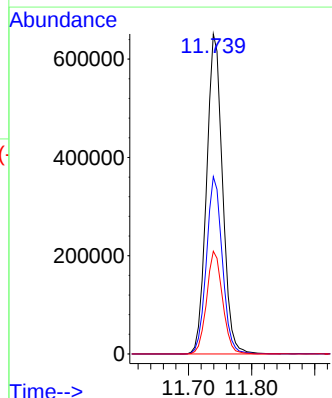
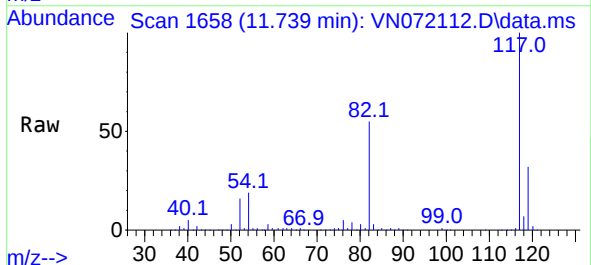
Instrument :
MSVOA_N
ClientSampleId :
SPN-4

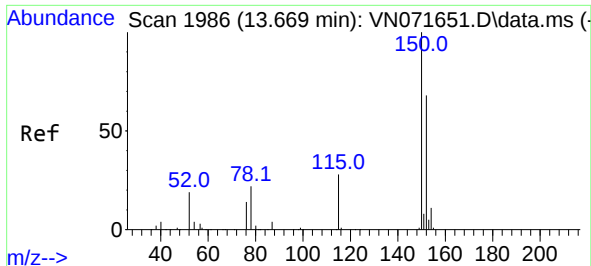
Tgt Ion: 95 Resp: 479370
Ion Ratio Lower Upper
95 100
174 86.7 0.0 167.6
176 84.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072112.D
Acq: 21 Apr 2022 05:55

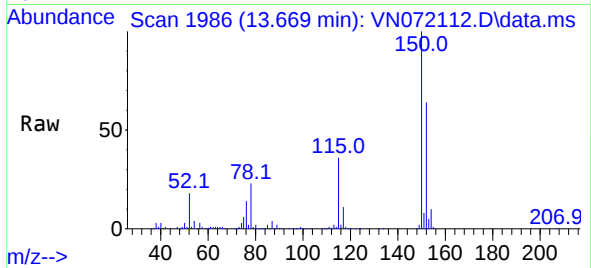
Tgt Ion: 117 Resp: 1145691
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072112.D
 Acq: 21 Apr 2022 05:55

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-4



Tgt Ion:152 Resp: 428234

Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.9	86.7
150	156.1	0.0	356.2

