

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073718.D
 Acq On : 03 Aug 2022 17:52
 Operator : JC\MD
 Sample : N3972-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-15

Quant Time: Aug 04 05:36:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

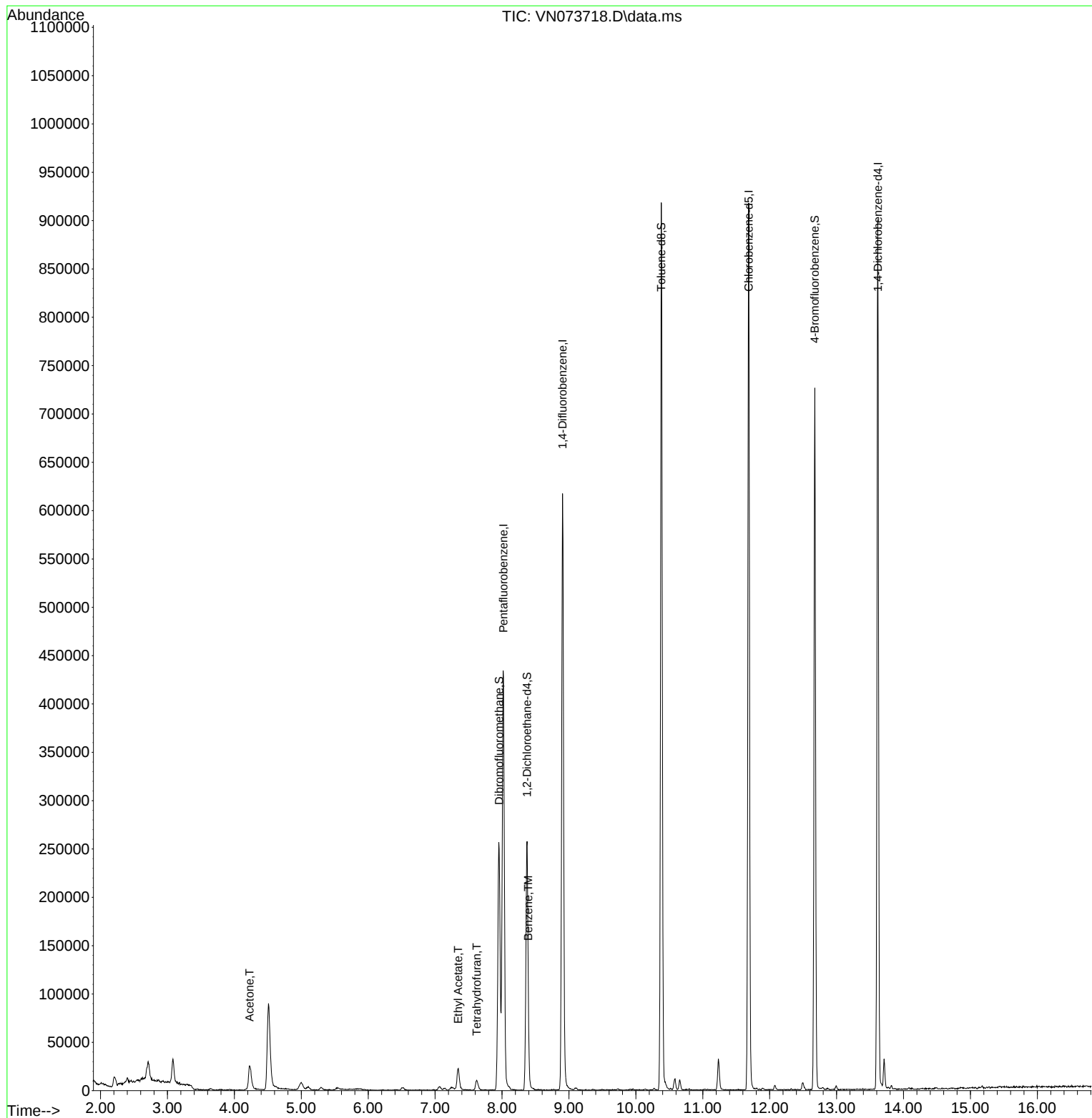
Internal Standards						
1) Pentafluorobenzene	8.022	168	345381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	554291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	535329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	248733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	209812	49.848	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.700%
35) Dibromofluoromethane	7.957	113	190044	54.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.200%
50) Toluene-d8	10.381	98	633418	46.246	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.674	95	231520	50.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.000%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	50207	22.209	ug/l	96
29) Tetrahydrofuran	7.622	42	8041	3.623	ug/l	94
37) Ethyl Acetate	7.345	43	34534	5.286	ug/l	99
40) Benzene	8.392	78	5554	0.345	ug/l	93

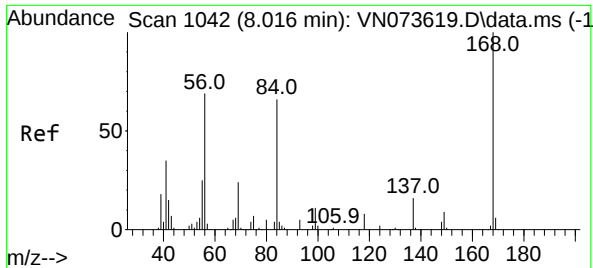
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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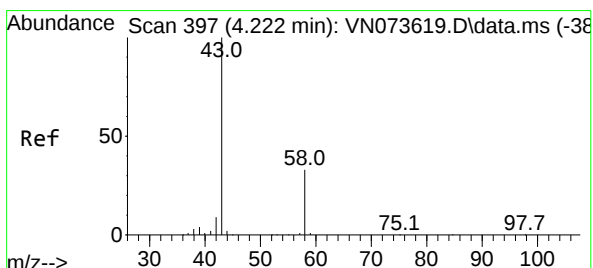
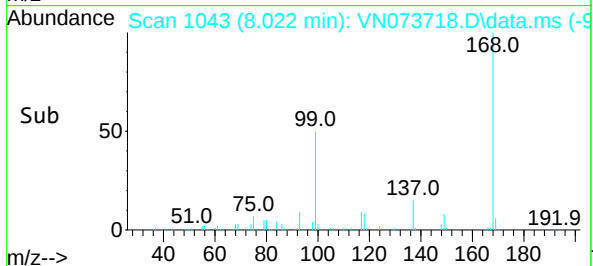
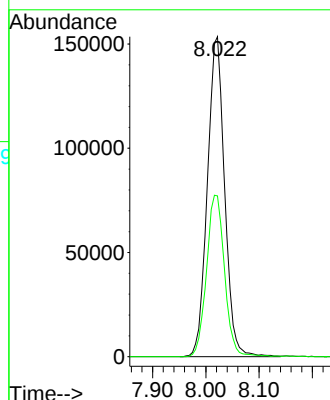
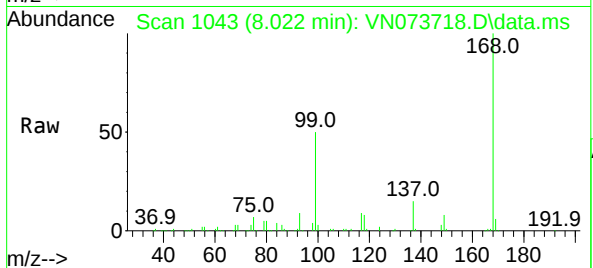




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073718.D
Acq: 03 Aug 2022 17:52

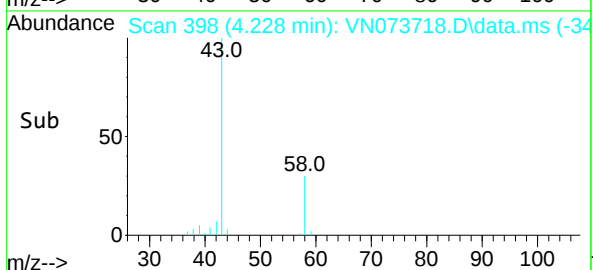
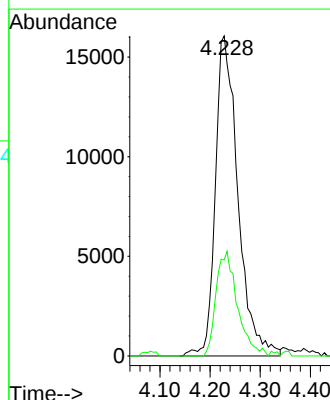
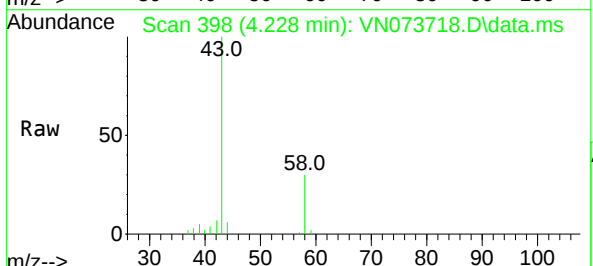
Instrument :
MSVOA_N
ClientSampleId :
SPN-15

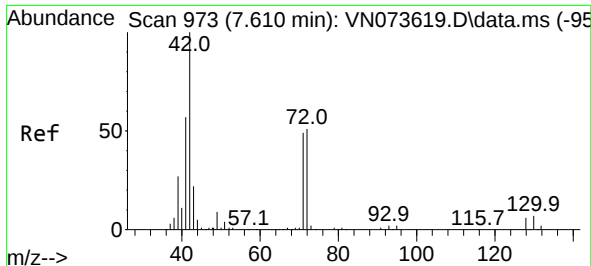
Tgt Ion:168 Resp: 345381
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#16
Acetone
Concen: 22.209 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073718.D
Acq: 03 Aug 2022 17:52

Tgt Ion: 43 Resp: 50207
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0





#29

Tetrahydrofuran

Concen: 3.623 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073718.D

Acq: 03 Aug 2022 17:52

Instrument :

MSVOA_N

ClientSampleId :

SPN-15

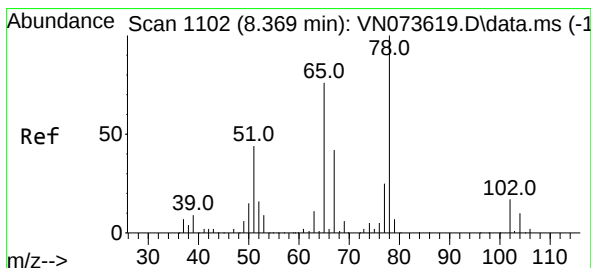
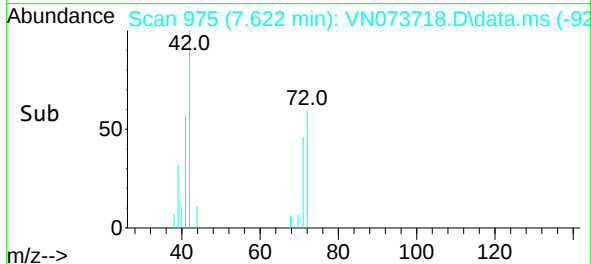
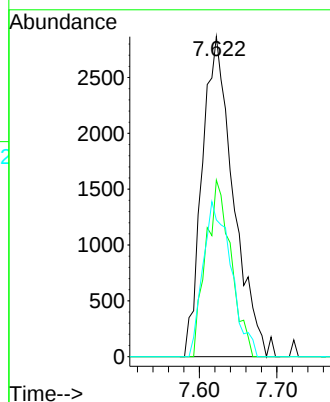
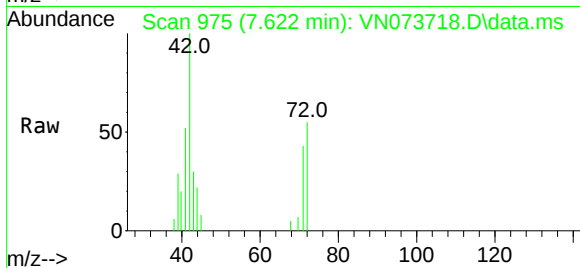
Tgt Ion: 42 Resp: 8041

Ion Ratio Lower Upper

42 100

72 44.1 39.7 59.5

71 43.4 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 49.848 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073718.D

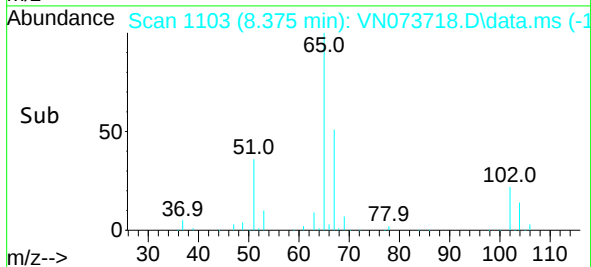
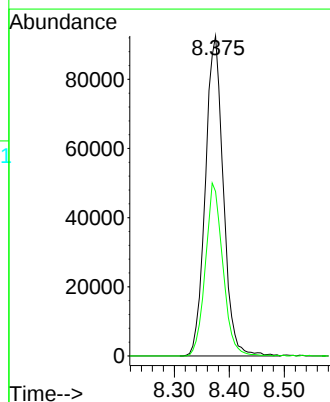
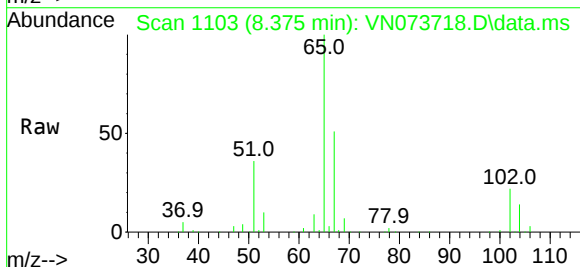
Acq: 03 Aug 2022 17:52

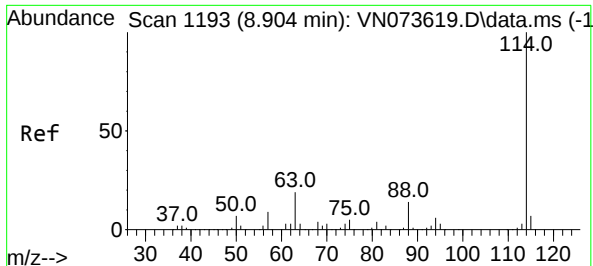
Tgt Ion: 65 Resp: 209812

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073718.D

Acq: 03 Aug 2022 17:52

Instrument :

MSVOA_N

ClientSampleId :

SPN-15

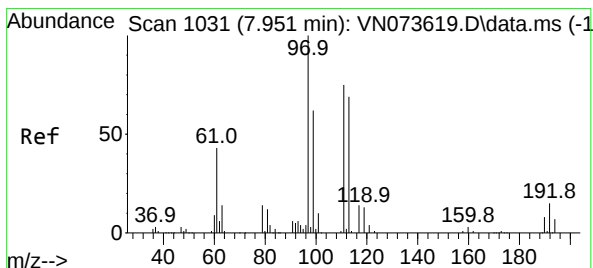
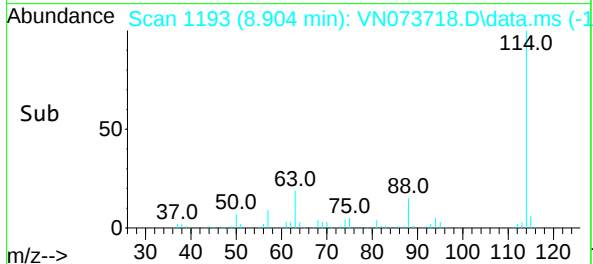
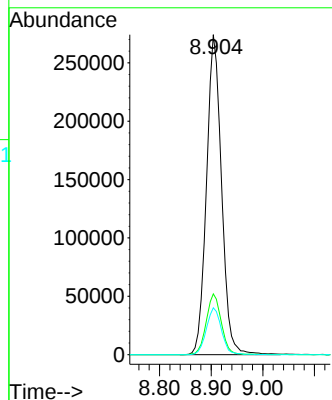
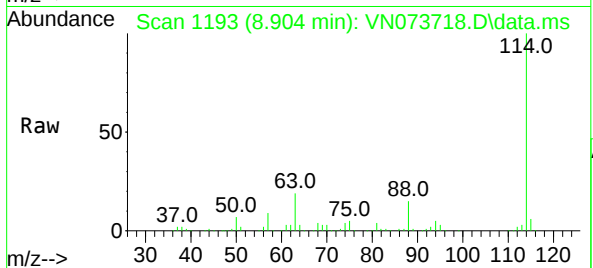
Tgt Ion:114 Resp: 554291

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.601 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073718.D

Acq: 03 Aug 2022 17:52

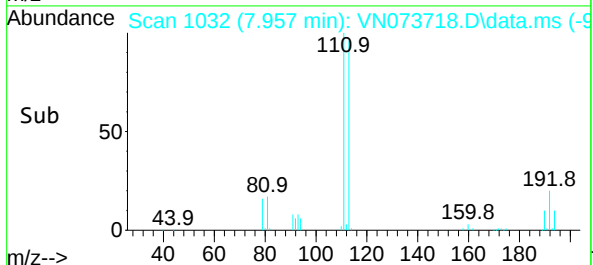
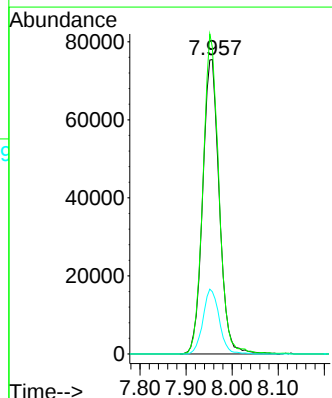
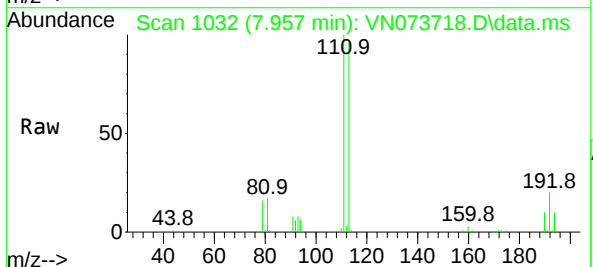
Tgt Ion:113 Resp: 190044

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 21.5 17.0 25.6

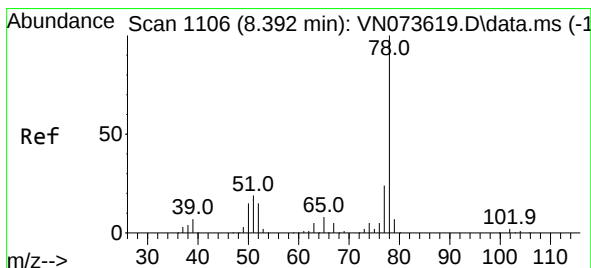
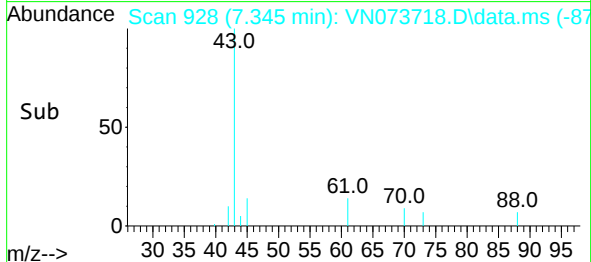
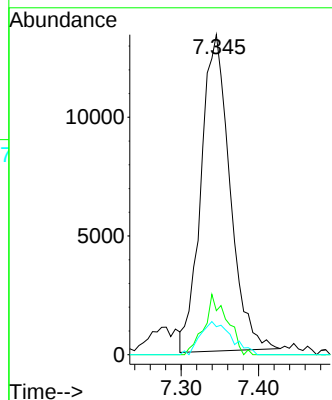
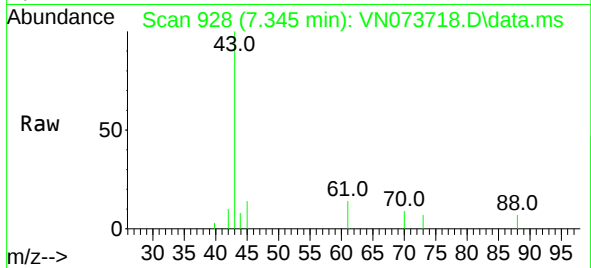




#37
Ethyl Acetate
Concen: 5.286 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073718.D
Acq: 03 Aug 2022 17:52

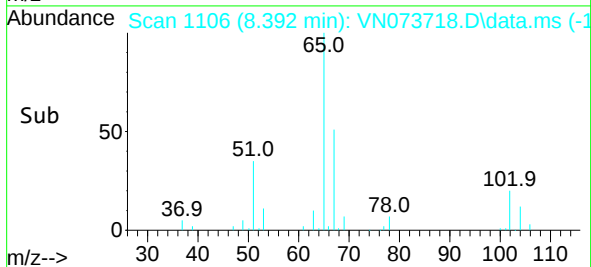
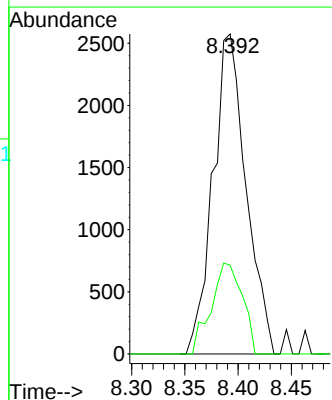
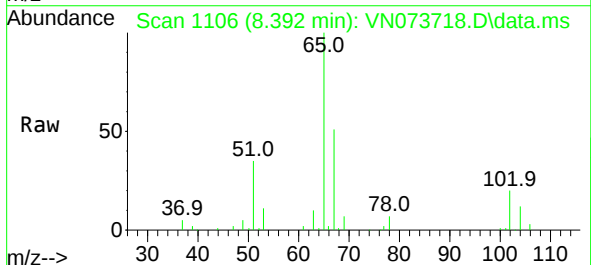
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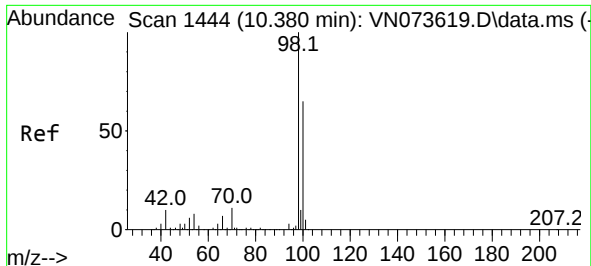
Tgt Ion: 43 Resp: 34534
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.1 9.3 13.9



#40
Benzene
Concen: 0.345 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073718.D
Acq: 03 Aug 2022 17:52

Tgt Ion: 78 Resp: 5554
Ion Ratio Lower Upper
78 100
77 27.8 19.4 29.0

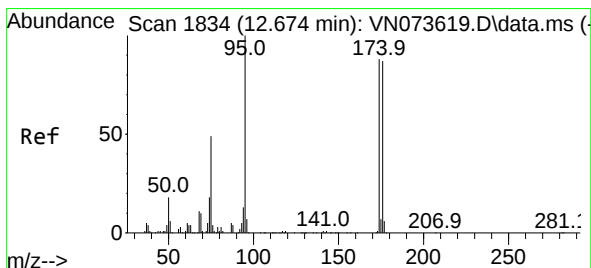
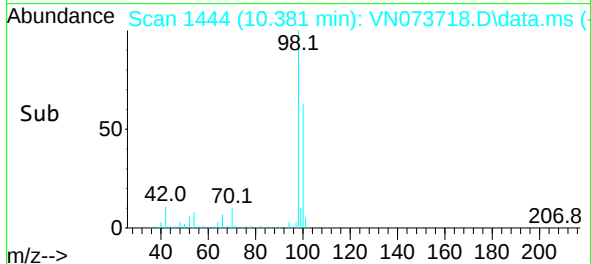
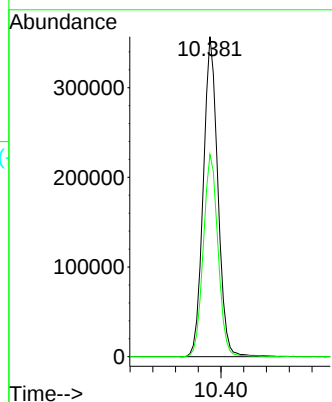
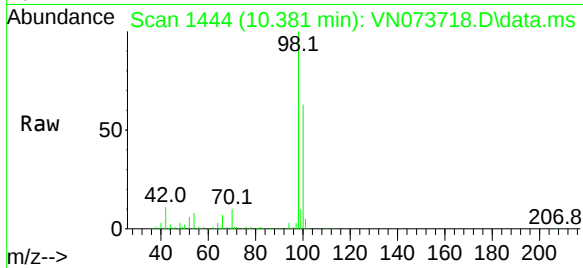




#50
Toluene-d8
Concen: 46.246 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073718.D
Acq: 03 Aug 2022 17:52

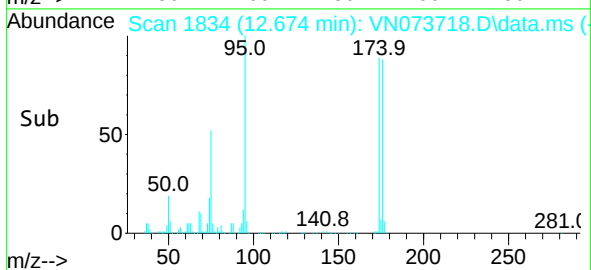
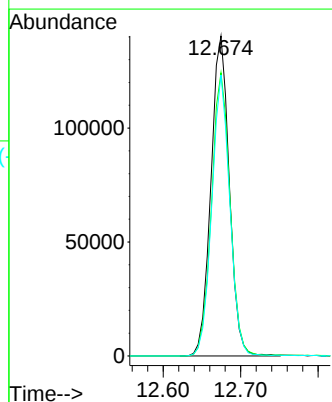
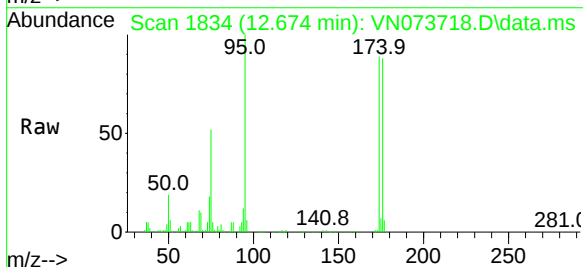
Instrument :
MSVOA_N
ClientSampleId :
SPN-15

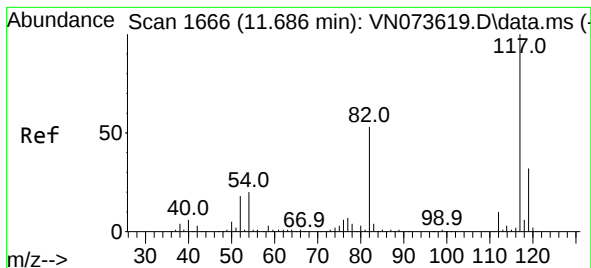
Tgt Ion: 98 Resp: 633418
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.497 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073718.D
Acq: 03 Aug 2022 17:52

Tgt Ion: 95 Resp: 231520
Ion Ratio Lower Upper
95 100
174 89.3 0.0 167.6
176 85.8 0.0 163.4

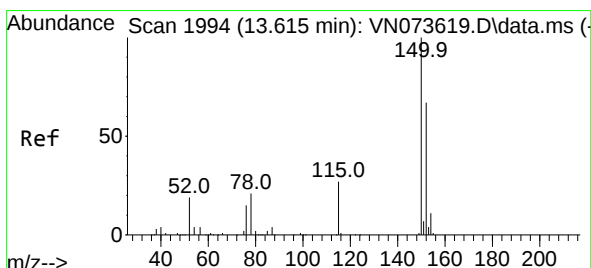
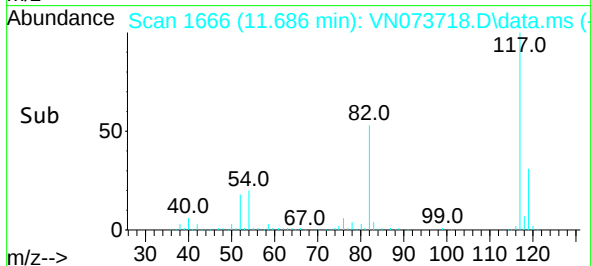
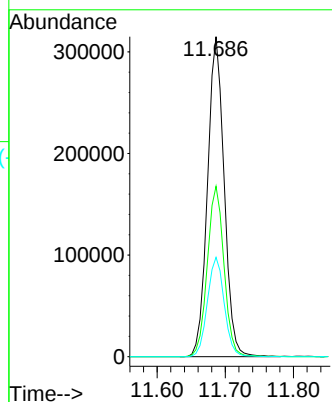
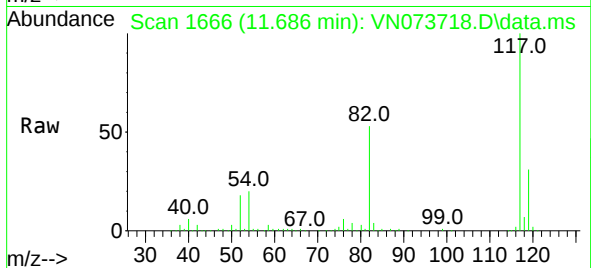




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073718.D
Acq: 03 Aug 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
SPN-15

Tgt Ion:117 Resp: 535329
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073718.D
Acq: 03 Aug 2022 17:52

Tgt Ion:152 Resp: 248733
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 157.2 0.0 356.2

