

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073647.D
 Acq On : 29 Jul 2022 20:15
 Operator : JC\MD
 Sample : N3858-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-A

Quant Time: Aug 01 04:09:43 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)

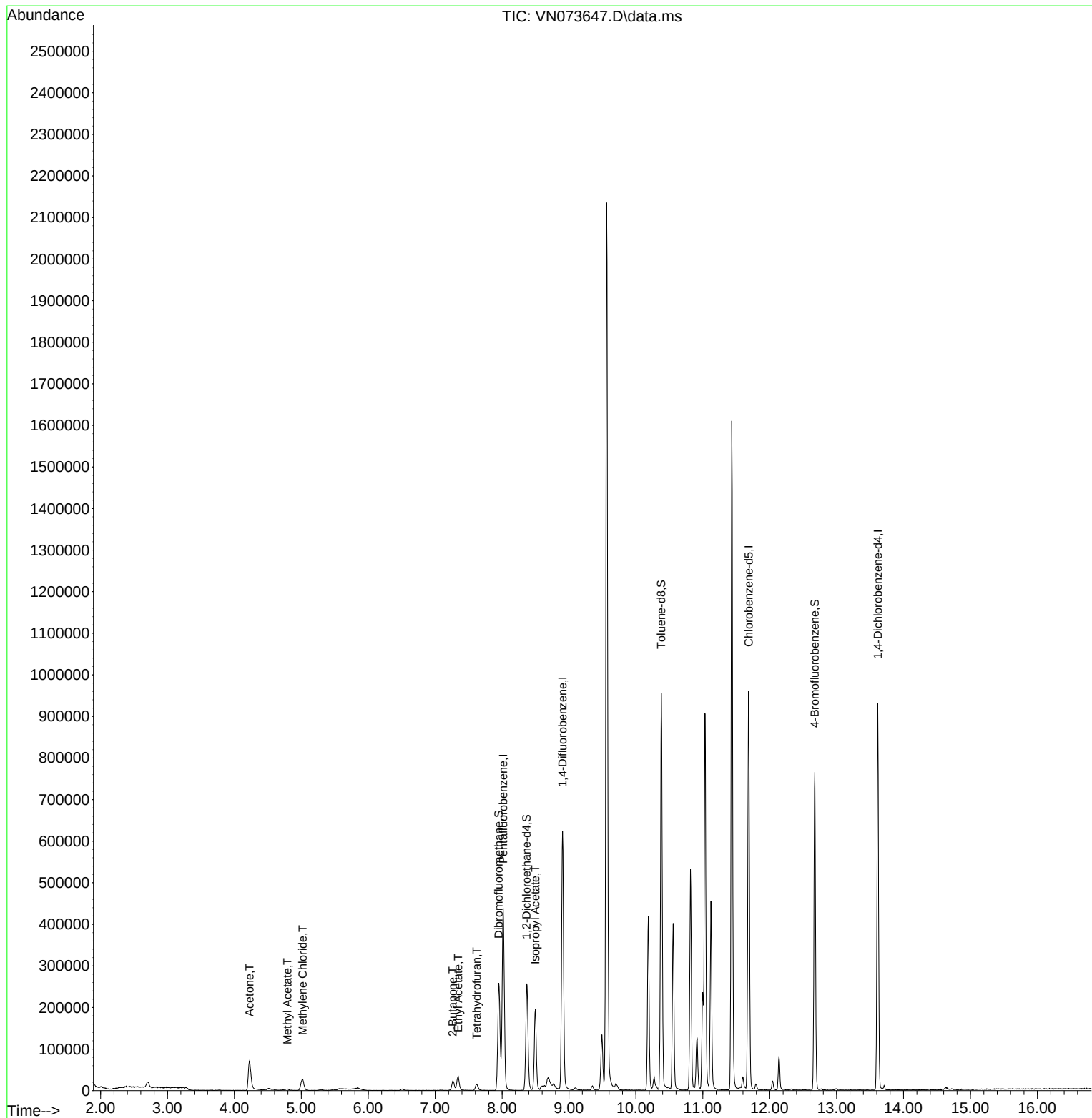
Internal Standards						
1) Pentafluorobenzene	8.016	168	348954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	572262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	568767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	258813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	205241	48.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.520%
35) Dibromofluoromethane	7.951	113	190816	53.101	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.200%
50) Toluene-d8	10.380	98	668476	47.273	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.674	95	248981	52.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.500%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	129410	56.657	ug/l	95
18) Methyl Acetate	4.793	43	7631	1.343	ug/l #	71
20) Methylene Chloride	5.022	84	22954	4.193	ug/l #	93
25) 2-Butanone	7.263	43	35940	10.132	ug/l	95
29) Tetrahydrofuran	7.622	42	11341	5.057	ug/l	98
37) Ethyl Acetate	7.345	43	53979	8.003	ug/l	99
43) Isopropyl Acetate	8.498	43	212753	23.353	ug/l #	92

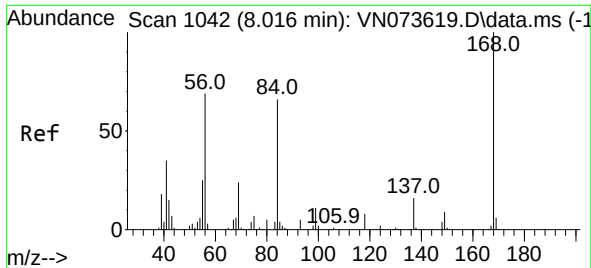
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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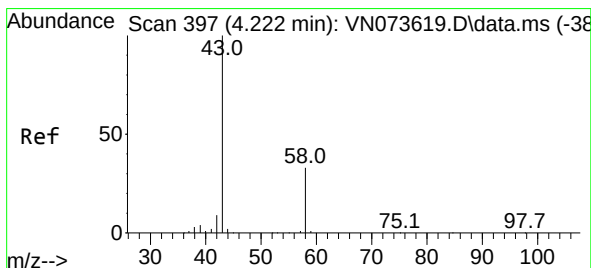
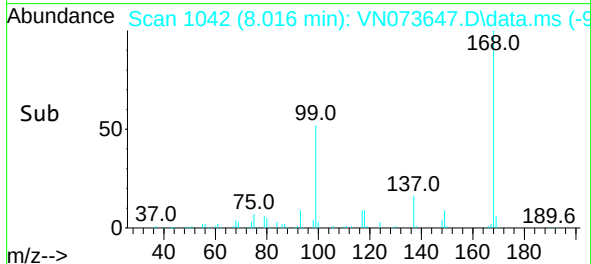
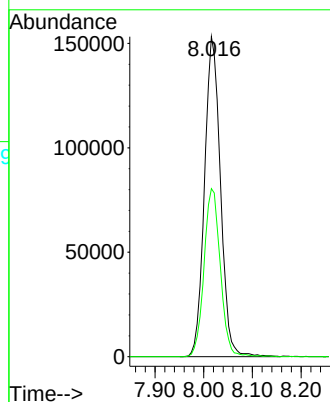
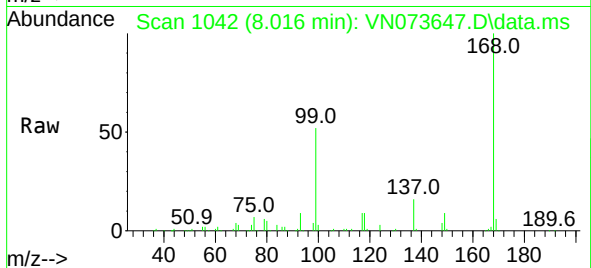




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

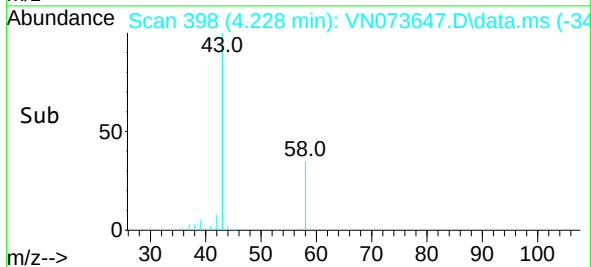
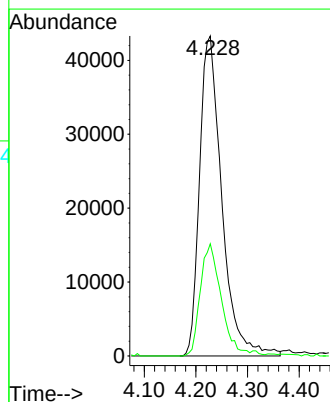
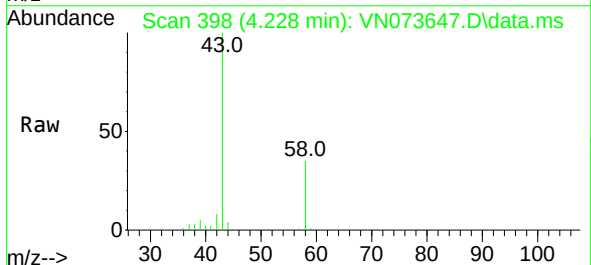
Instrument :
MSVOA_N
ClientSampleId :
SB-A

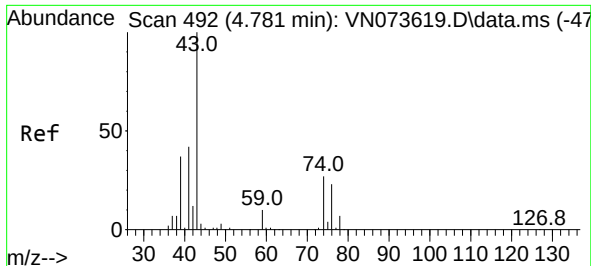
Tgt Ion:168 Resp: 348954
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5



#16
Acetone
Concen: 56.657 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

Tgt Ion: 43 Resp: 129410
Ion Ratio Lower Upper
43 100
58 35.0 26.0 39.0

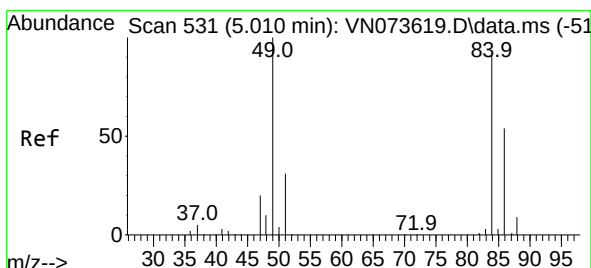
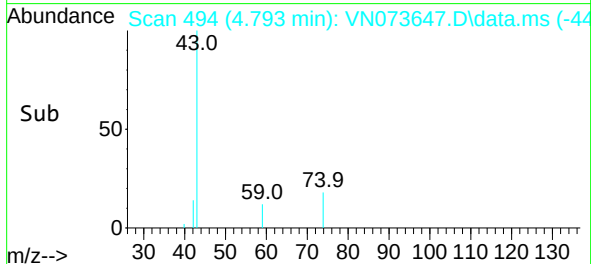
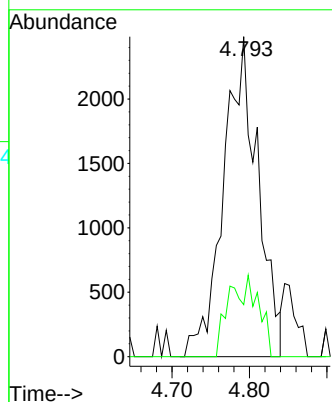
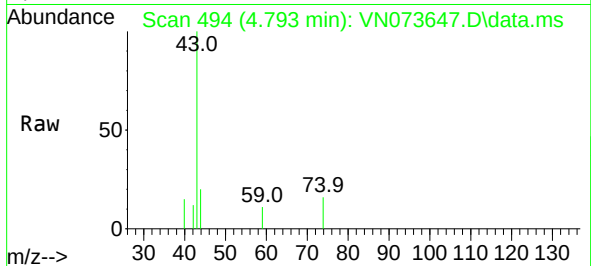




#18
Methyl Acetate
Concen: 1.343 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

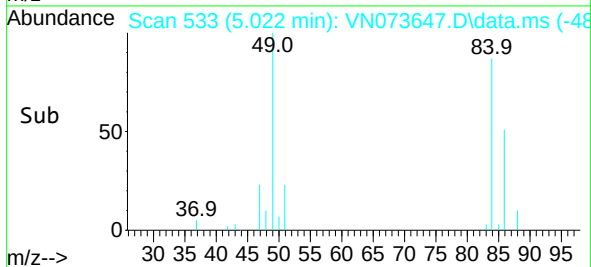
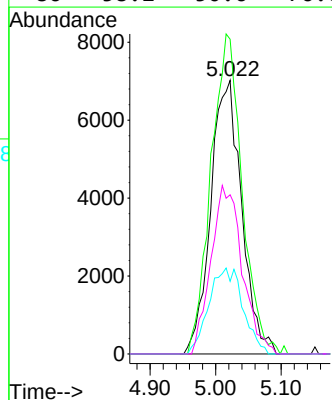
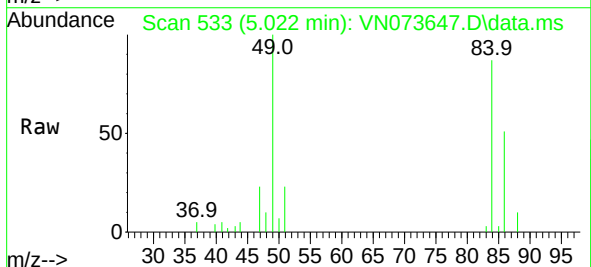
Instrument :
MSVOA_N
ClientSampleId :
SB-A

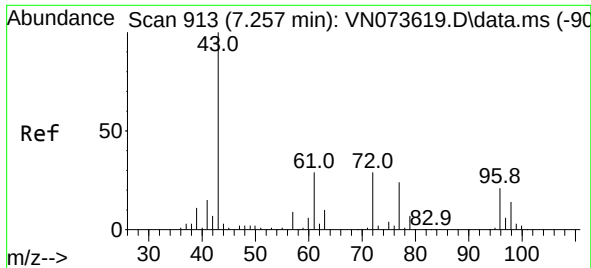
Tgt Ion: 43 Resp: 7631
Ion Ratio Lower Upper
43 100
74 11.8 21.6 32.4#



#20
Methylene Chloride
Concen: 4.193 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

Tgt Ion: 84 Resp: 22954
Ion Ratio Lower Upper
84 100
49 115.0 88.3 132.5
51 26.5 28.2 42.2#
86 58.2 50.6 76.0

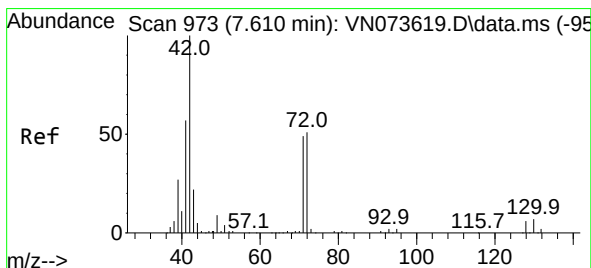
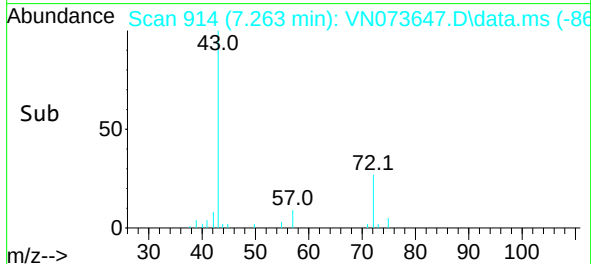
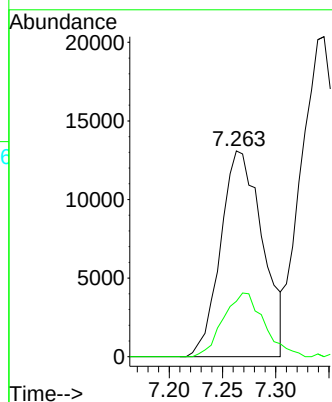
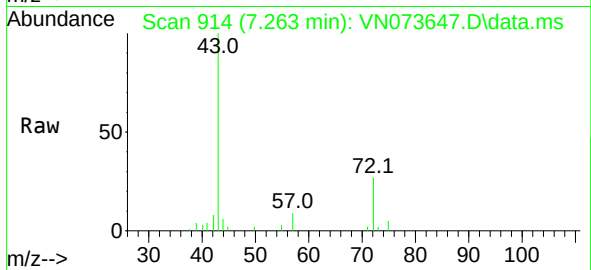




#25
2-Butanone
Concen: 10.132 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

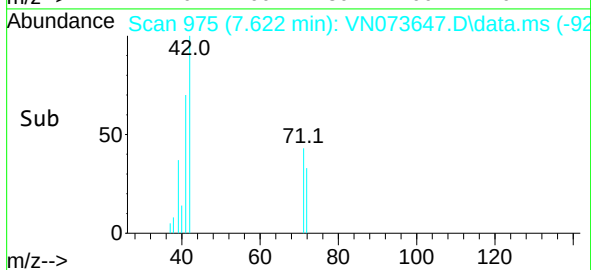
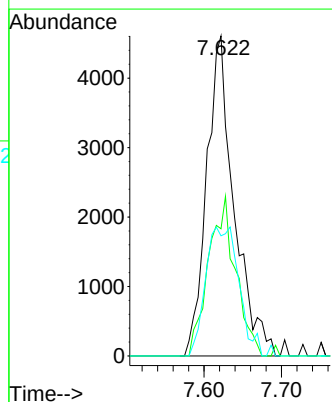
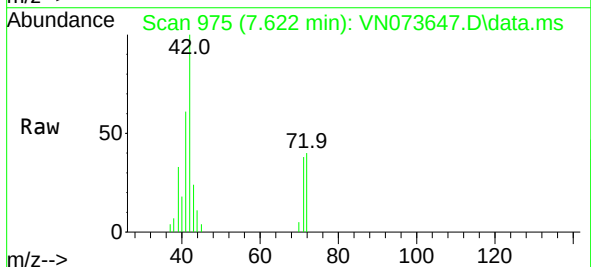
Instrument :
MSVOA_N
ClientSampleId :
SB-A

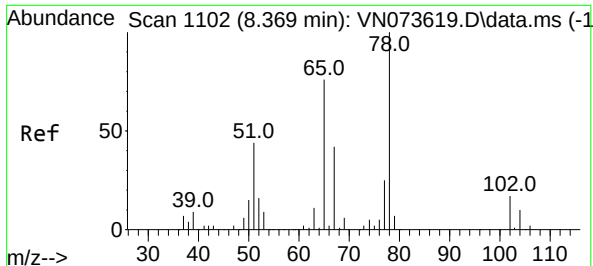
Tgt Ion: 43 Resp: 35940
Ion Ratio Lower Upper
43 100
72 26.9 23.7 35.5



#29
Tetrahydrofuran
Concen: 5.057 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

Tgt Ion: 42 Resp: 11341
Ion Ratio Lower Upper
42 100
72 49.3 39.7 59.5
71 48.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.263 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073647.D

Acq: 29 Jul 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

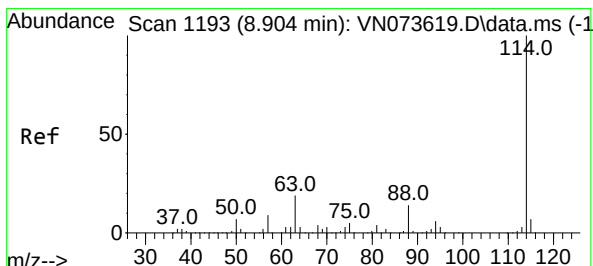
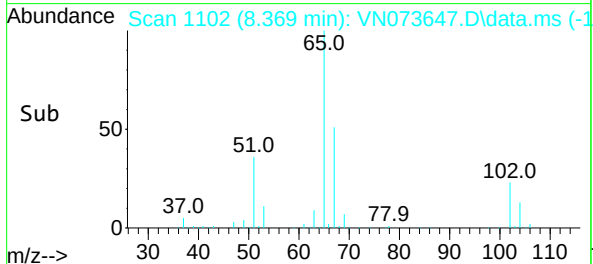
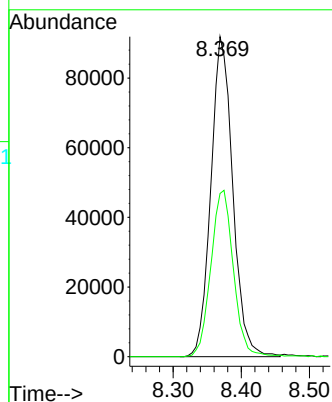
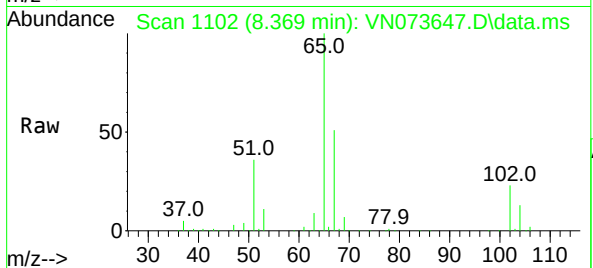
SB-A

Tgt Ion: 65 Resp: 205241

Ion Ratio Lower Upper

65 100

67 53.5 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: VN073647.D

Acq: 29 Jul 2022 20:15

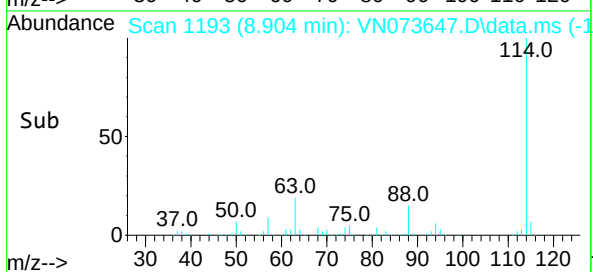
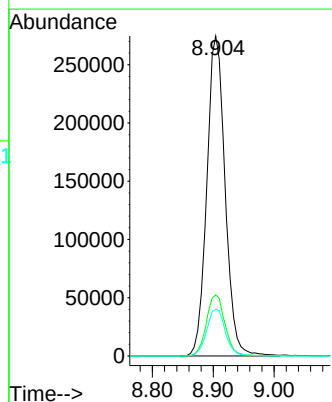
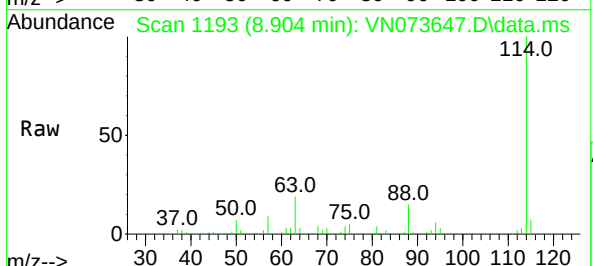
Tgt Ion: 114 Resp: 572262

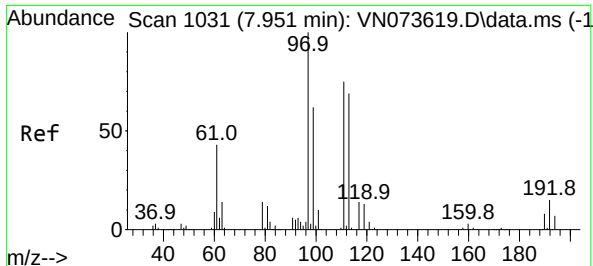
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.6 0.0 32.6

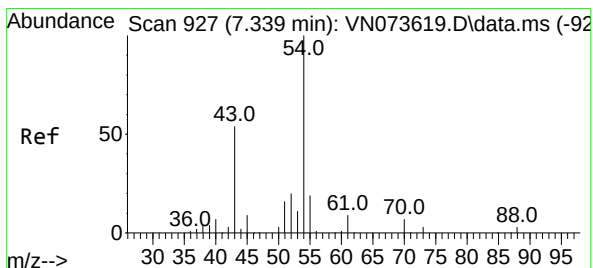
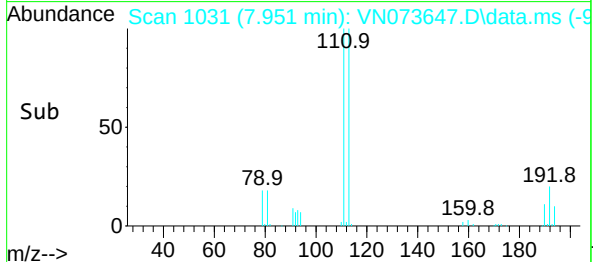
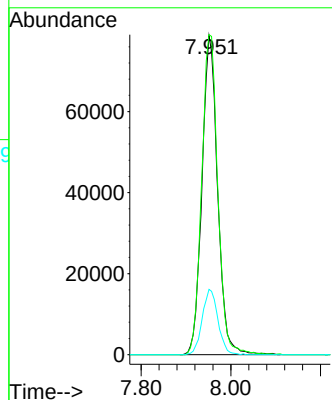
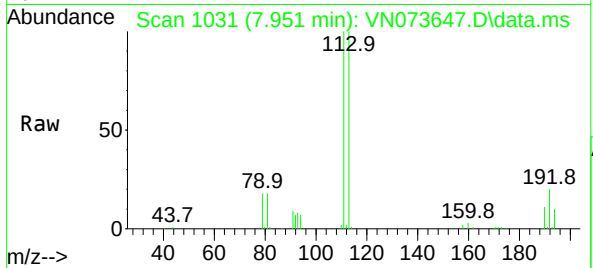




#35
Dibromofluoromethane
Concen: 53.101 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

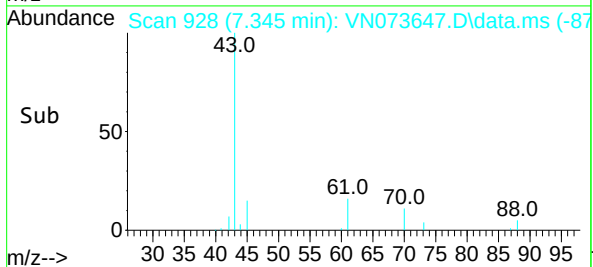
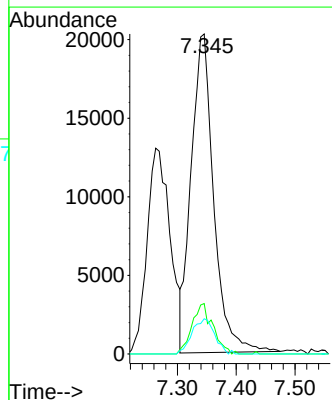
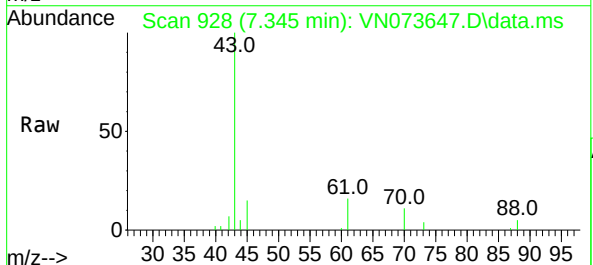
Instrument :
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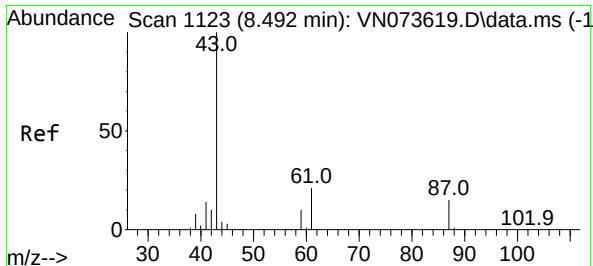
Tgt Ion:113 Resp: 190816
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 20.5 17.0 25.6



#37
Ethyl Acetate
Concen: 8.003 ug/l
RT: 7.345 min Scan# 928
Delta R.T. 0.006 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

Tgt Ion: 43 Resp: 53979
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 11.1 9.3 13.9





#43

Isopropyl Acetate

Concen: 23.353 ug/l

RT: 8.498 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN073647.D

Acq: 29 Jul 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

SB-A

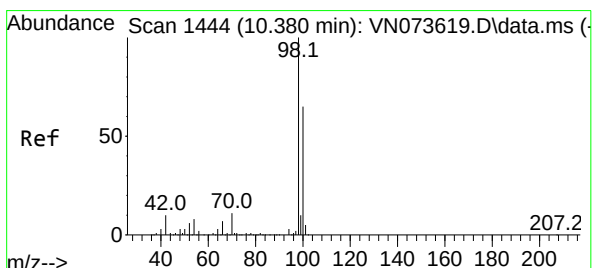
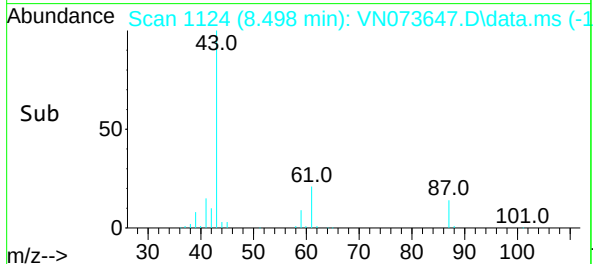
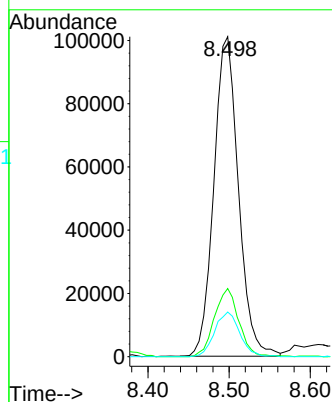
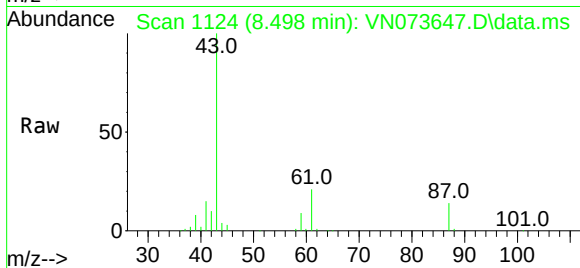
Tgt Ion: 43 Resp: 212753

Ion Ratio Lower Upper

43 100

61 21.3 21.9 32.9#

87 14.3 12.0 18.0



#50

Toluene-d8

Concen: 47.273 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073647.D

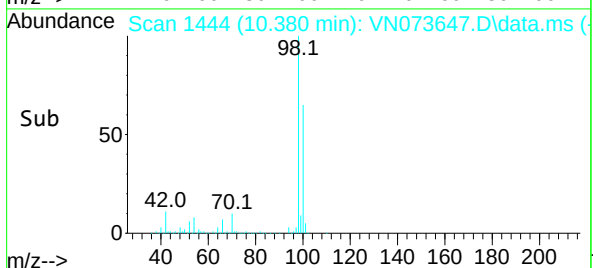
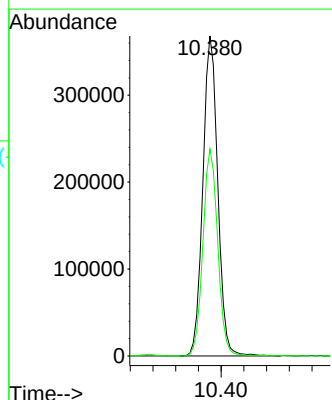
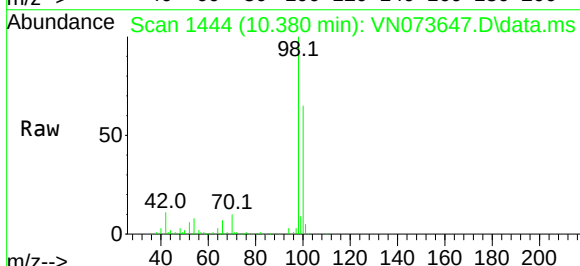
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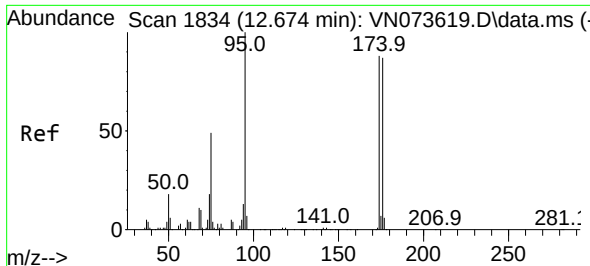
Tgt Ion: 98 Resp: 668476

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8

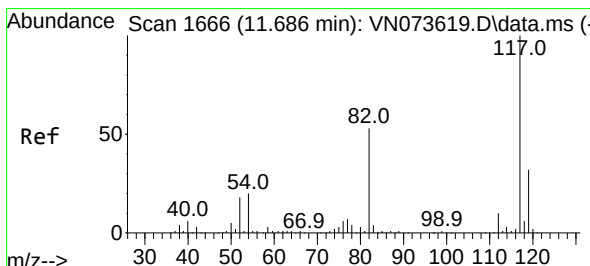
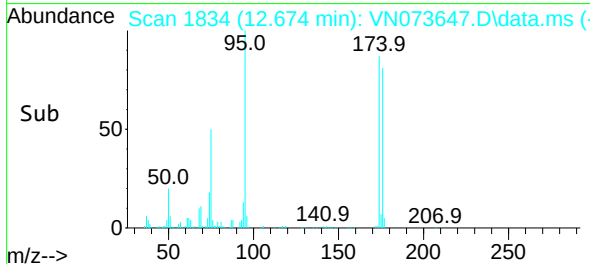
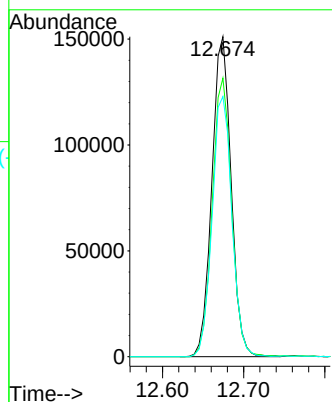
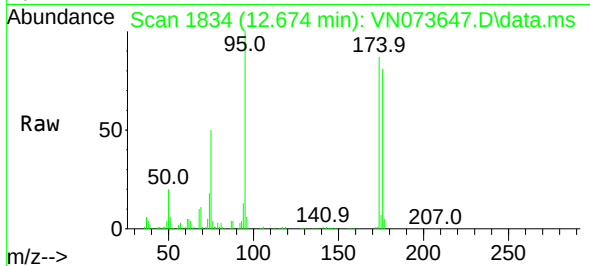




#62
4-Bromofluorobenzene
Concen: 52.247 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

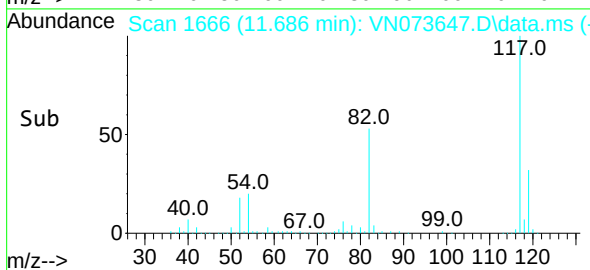
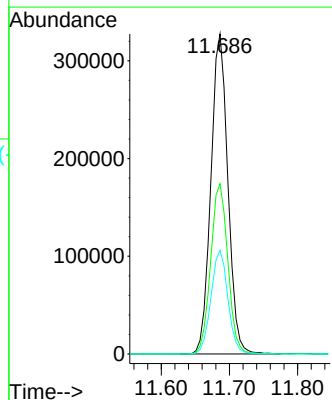
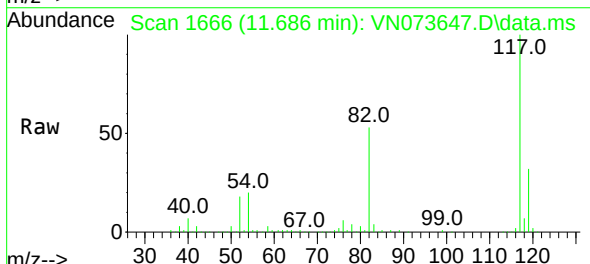
Instrument :
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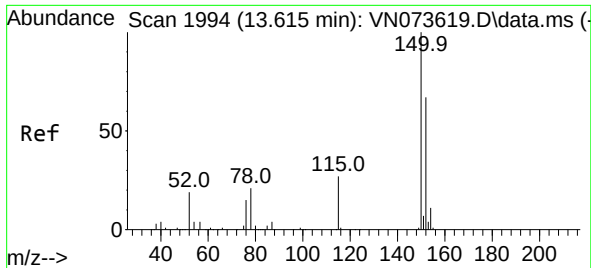
Tgt Ion: 95 Resp: 248981
Ion Ratio Lower Upper
95 100
174 87.5 0.0 167.6
176 83.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073647.D
Acq: 29 Jul 2022 20:15

Tgt Ion: 117 Resp: 568767
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073647.D

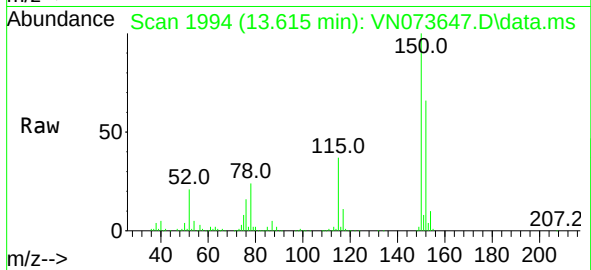
Acq: 29 Jul 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

SB-A



Tgt Ion:152 Resp: 258813

Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.7

150 156.0 0.0 356.2

