

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073158.D
 Acq On : 27 Jun 2022 13:36
 Operator : JC\MD
 Sample : N3494-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-4

Quant Time: Jun 28 06:37:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

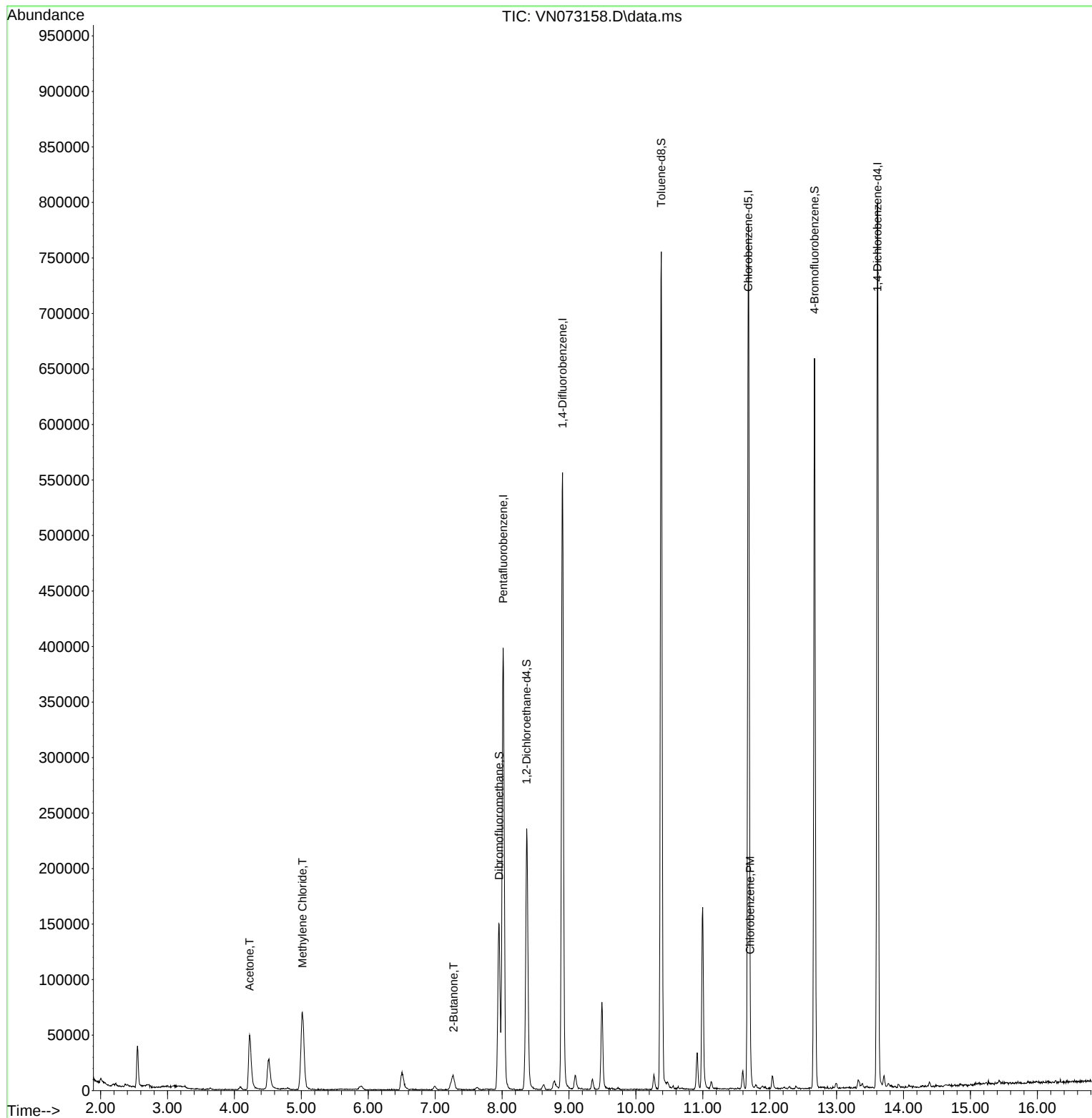
Internal Standards						
1) Pentafluorobenzene	8.016	168	305328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	492136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	454803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	214716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185994	45.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.120%
35) Dibromofluoromethane	7.957	113	111526	36.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	73.320%#
50) Toluene-d8	10.380	98	519199	45.871	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.668	95	222154	54.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.160%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	94154	41.494	ug/l	96
20) Methylene Chloride	5.016	84	56542	15.900	ug/l #	85
25) 2-Butanone	7.275	43	20941	5.816	ug/l #	85
65) Chlorobenzene	11.710	112	10078	1.135	ug/l	98

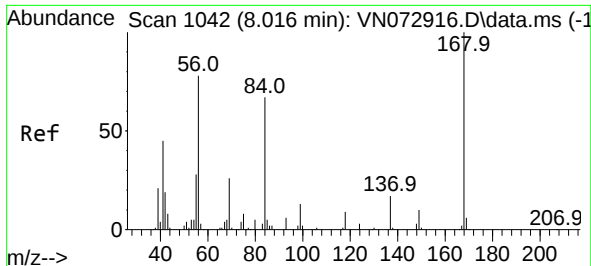
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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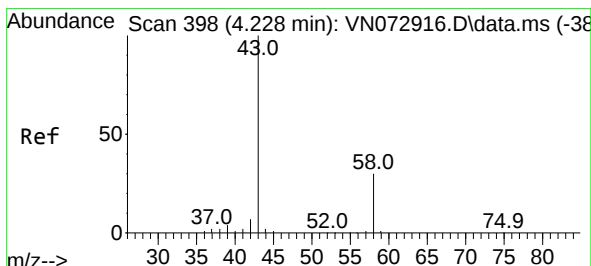
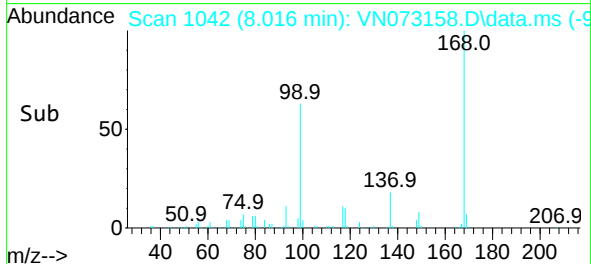
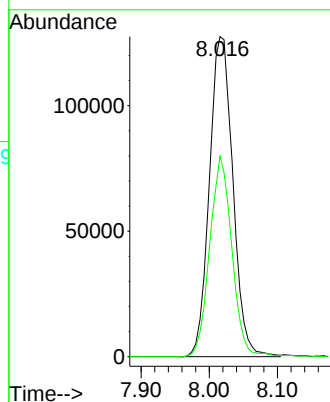
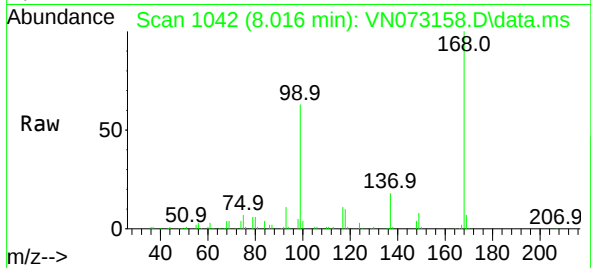




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

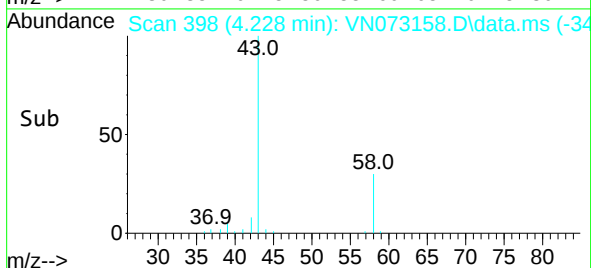
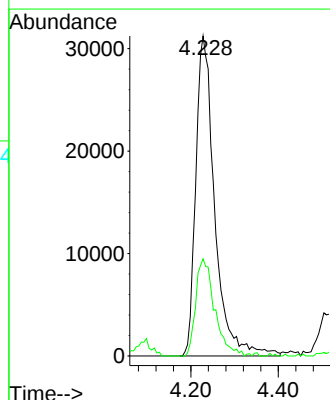
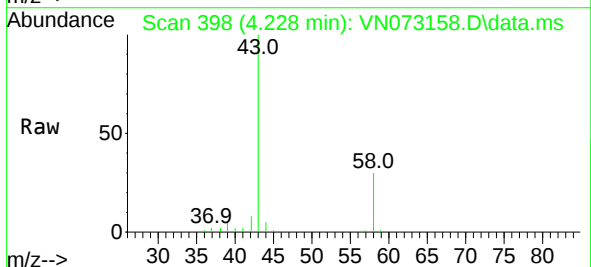
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

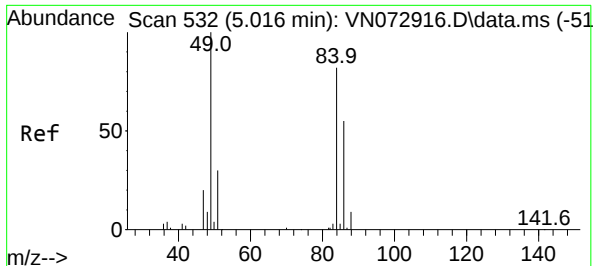
Tgt Ion:168 Resp: 305328
Ion Ratio Lower Upper
168 100
99 62.7 42.3 63.5



#16
Acetone
Concen: 41.494 ug/l
RT: 4.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 43 Resp: 94154
Ion Ratio Lower Upper
43 100
58 30.4 26.0 39.0

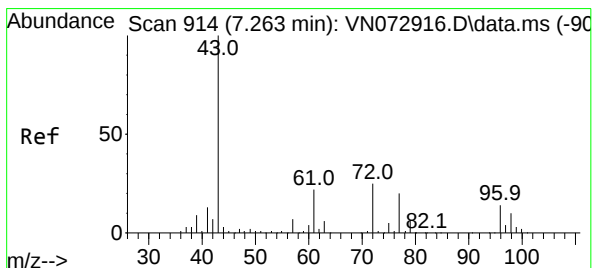
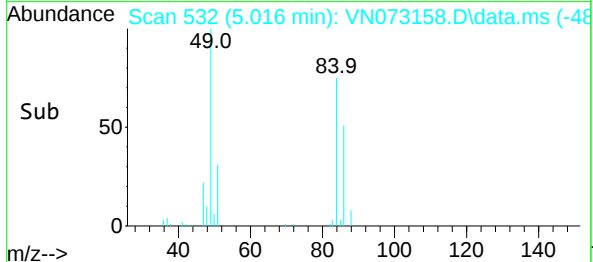
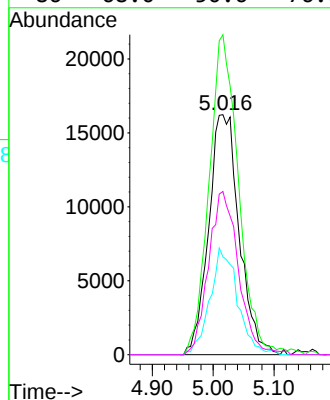
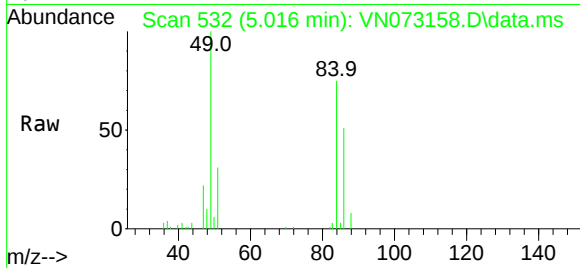




#20
Methylene Chloride
Concen: 15.900 ug/l
RT: 5.016 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

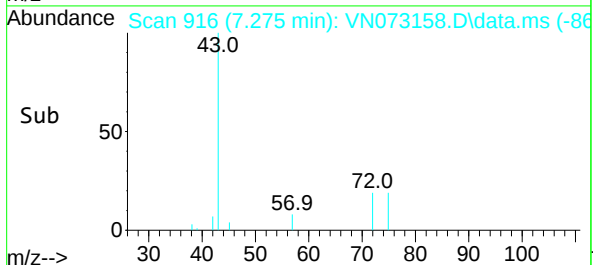
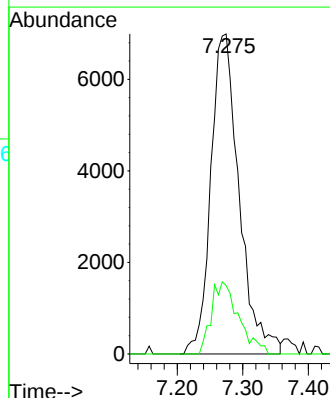
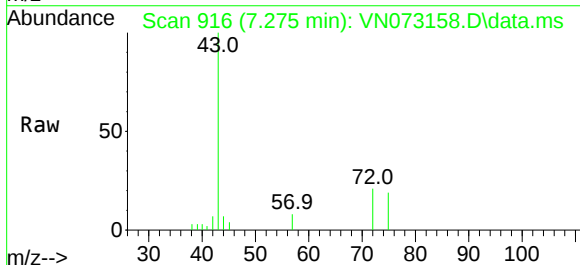
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

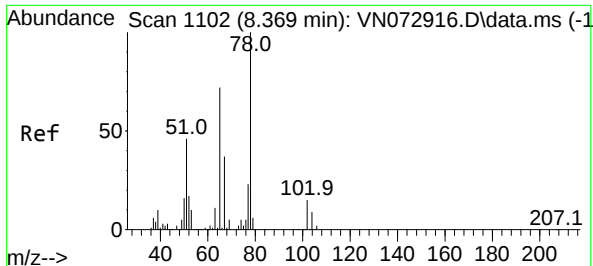
Tgt Ion:	84	Resp:	56542
Ion	Ratio	Lower	Upper
84	100		
49	133.3	88.3	132.5#
51	40.8	28.2	42.2
86	68.0	50.6	76.0



#25
2-Butanone
Concen: 5.816 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion:	43	Resp:	20941
Ion	Ratio	Lower	Upper
43	100		
72	21.3	23.7	35.5#





#33

1,2-Dichloroethane-d4

Concen: 45.057 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073158.D

Acq: 27 Jun 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

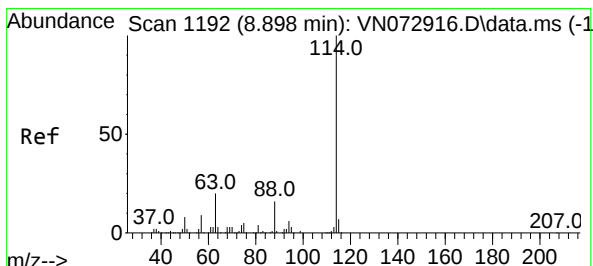
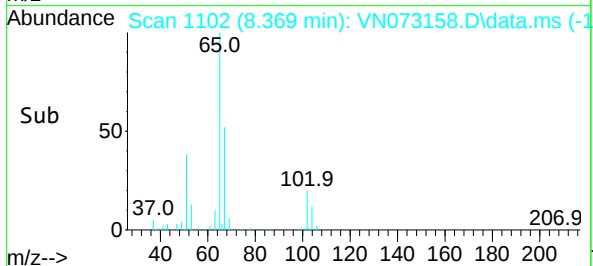
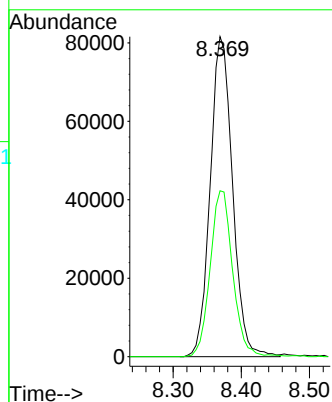
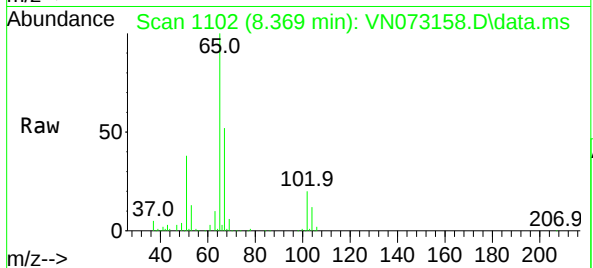
SP-EXC-1-4

Tgt Ion: 65 Resp: 185994

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073158.D

Acq: 27 Jun 2022 13:36

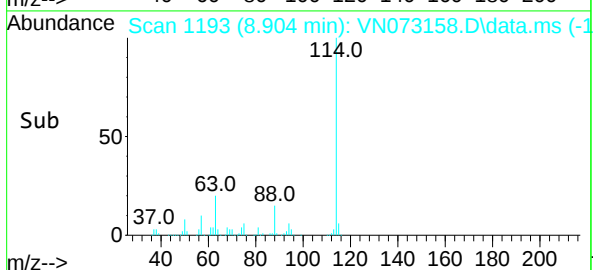
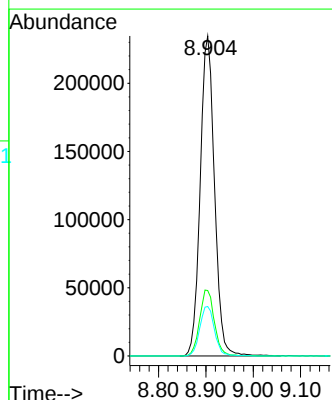
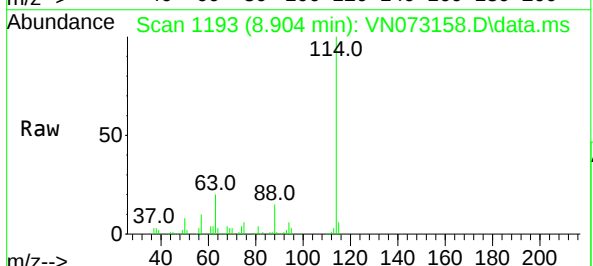
Tgt Ion: 114 Resp: 492136

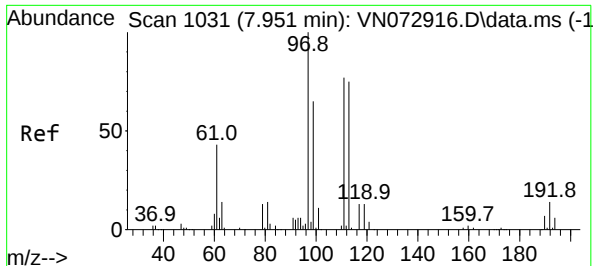
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.4 0.0 32.6

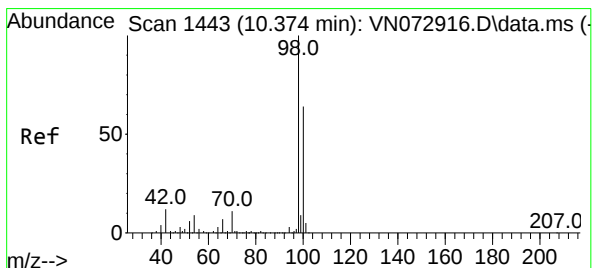
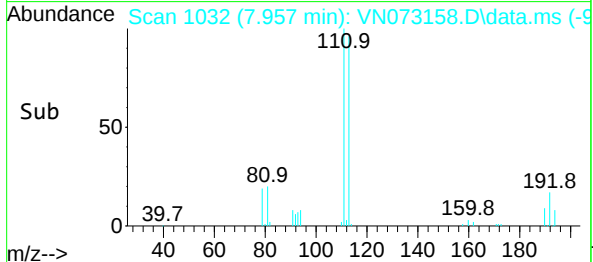
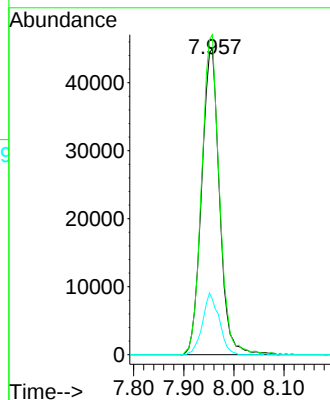
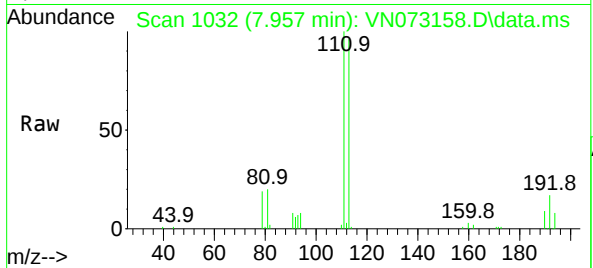




#35
Dibromofluoromethane
Concen: 36.664 ug/l
RT: 7.957 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

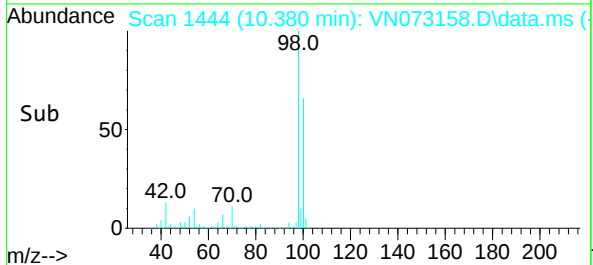
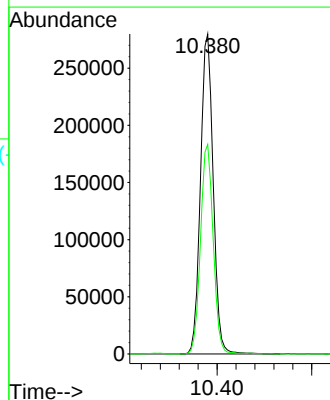
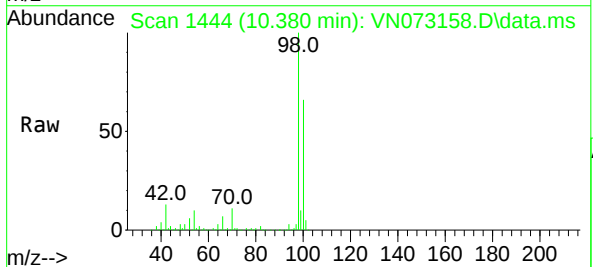
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

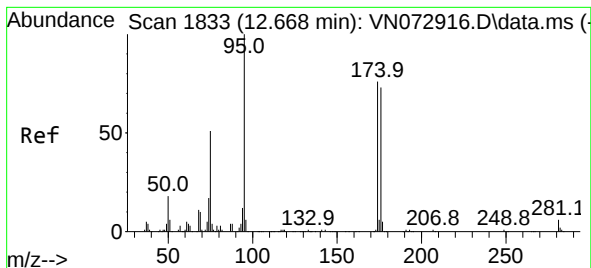
Tgt Ion:113 Resp: 111526
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 18.7 17.0 25.6



#50
Toluene-d8
Concen: 45.871 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 98 Resp: 519199
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

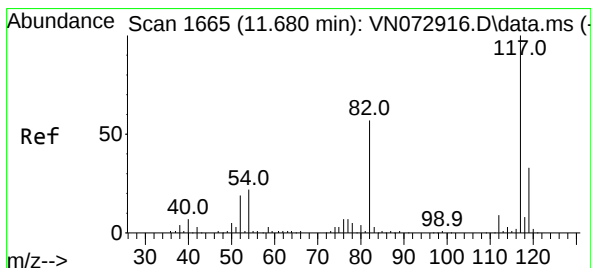
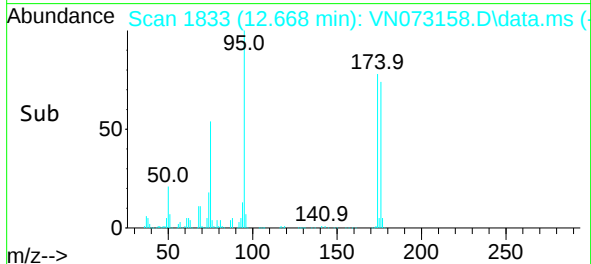
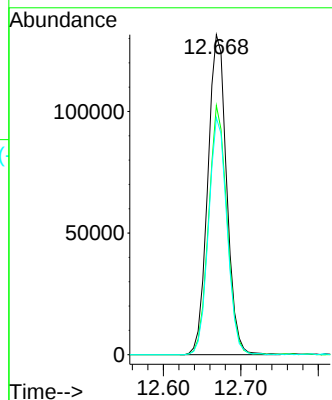
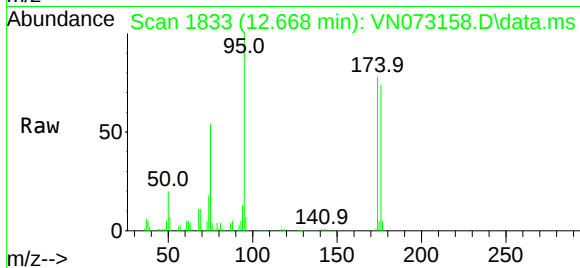




#62
4-Bromofluorobenzene
Concen: 54.582 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

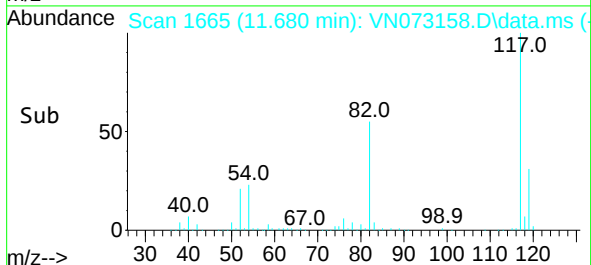
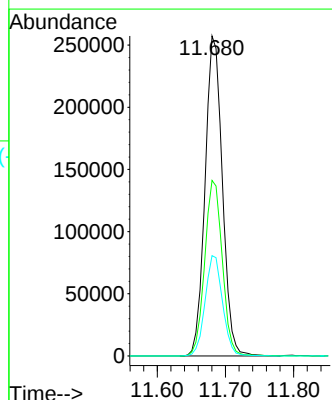
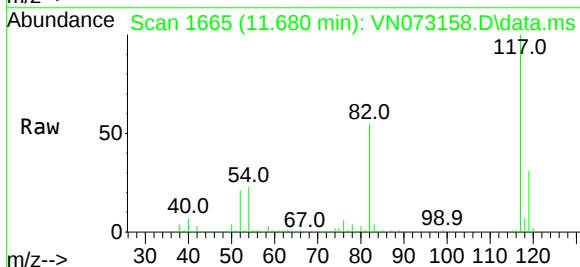
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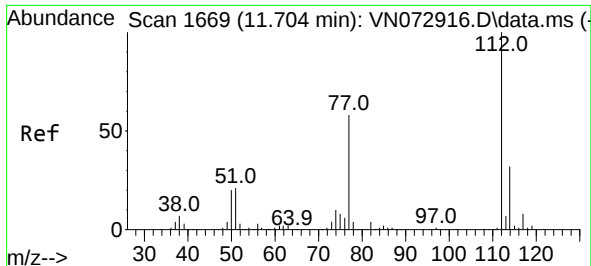
Tgt Ion: 95 Resp: 222154
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 72.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 117 Resp: 454803
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.4 25.4 38.0

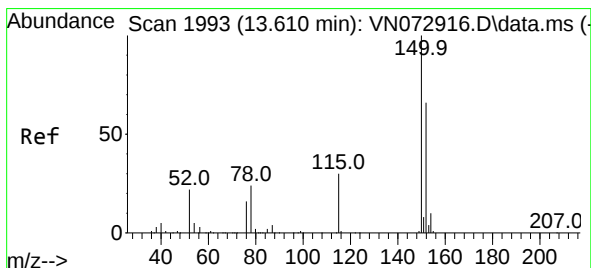
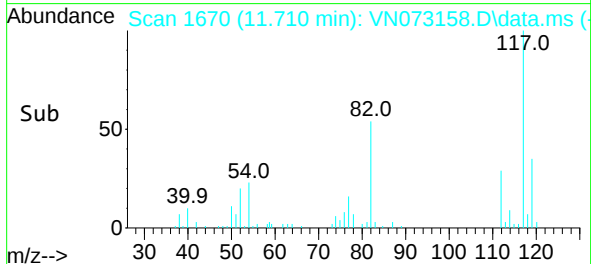
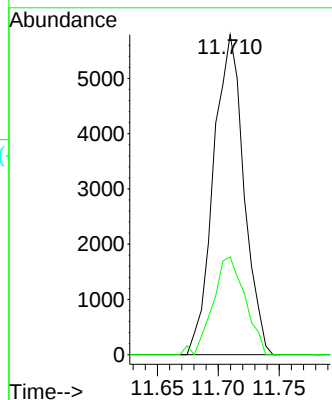
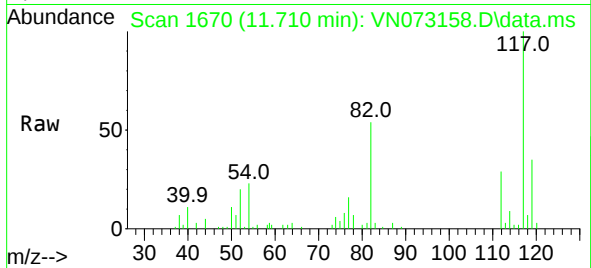




#65
Chlorobenzene
Concen: 1.135 ug/l
RT: 11.710 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

Tgt Ion:112 Resp: 10078
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion:152 Resp: 214716
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 158.2 0.0 356.2

