

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073188.D
 Acq On : 28 Jun 2022 03:01
 Operator : JC\MD
 Sample : N3494-27
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-2

Quant Time: Jun 28 06:44:54 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)

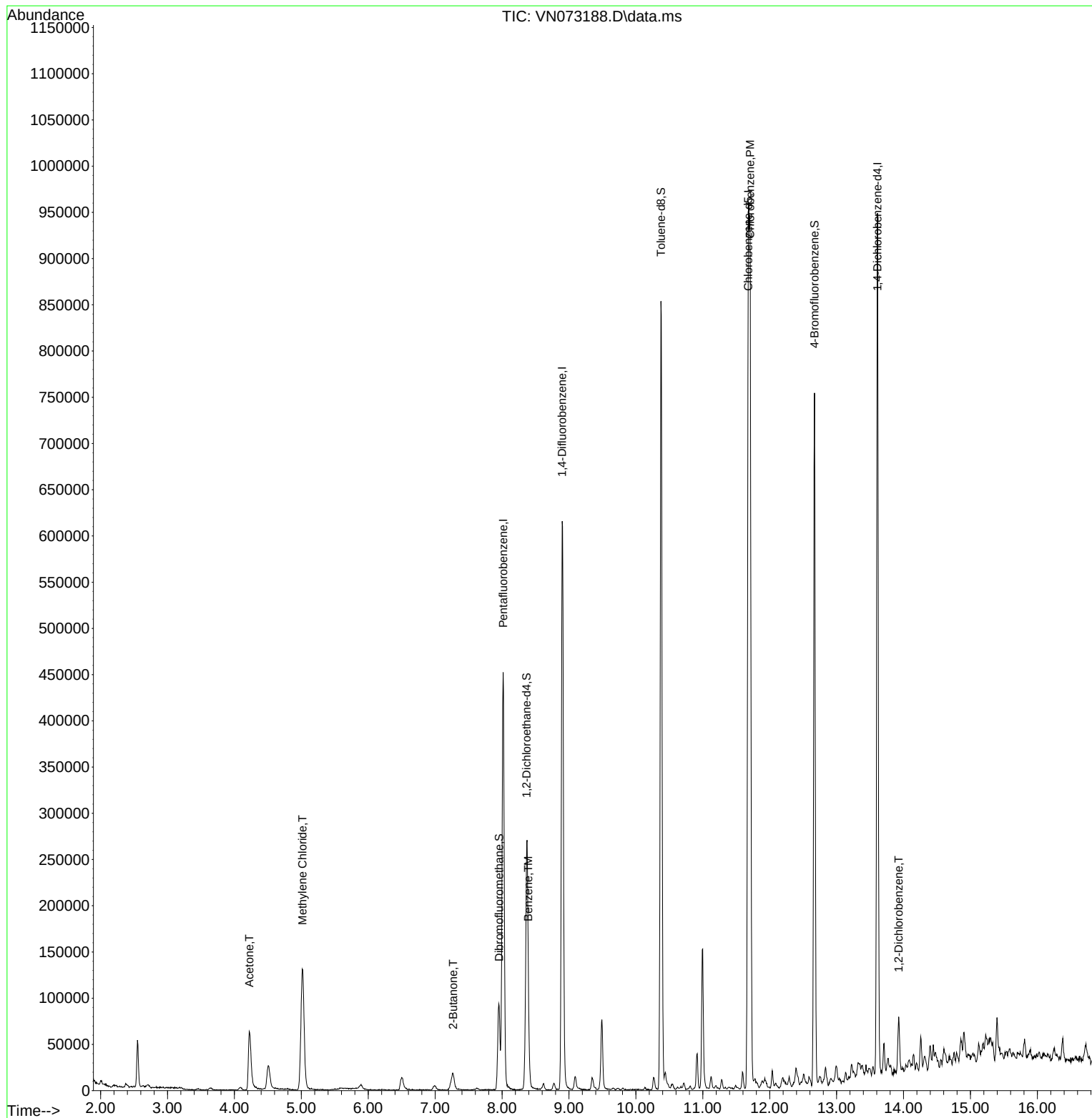
Internal Standards						
1) Pentafluorobenzene	8.016	168	348125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	567808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	514258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	252598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	205451	43.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.300%
35) Dibromofluoromethane	7.957	113	71735	20.440	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.880%#
50) Toluene-d8	10.375	98	592339	45.358	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.720%
62) 4-Bromofluorobenzene	12.669	95	255687	54.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.900%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	121778	47.070	ug/l	91
20) Methylene Chloride	5.016	84	108416	26.905	ug/l	94
25) 2-Butanone	7.269	43	29437	7.170	ug/l #	88
40) Benzene	8.392	78	50572	3.389	ug/l	96
65) Chlorobenzene	11.710	112	454170	45.222	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	15439	1.771	ug/l	96

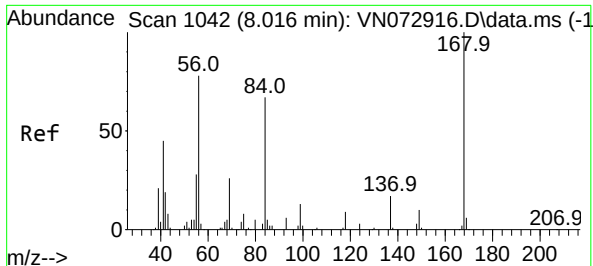
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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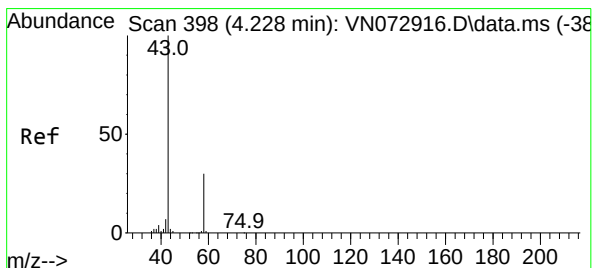
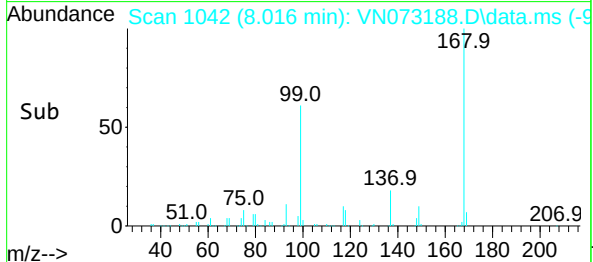
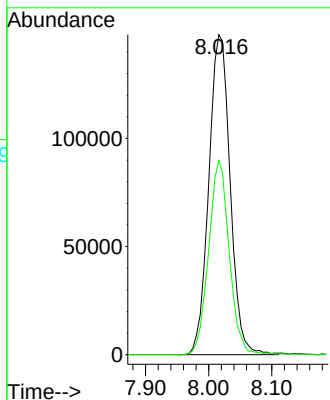
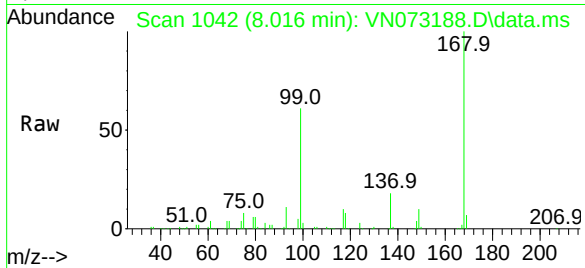




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

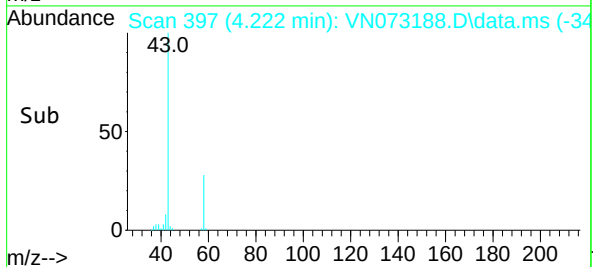
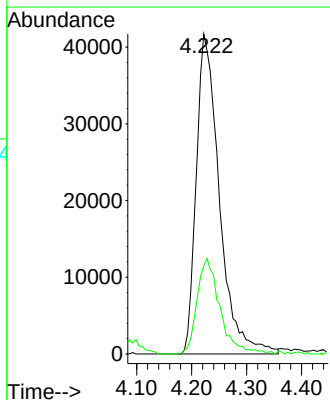
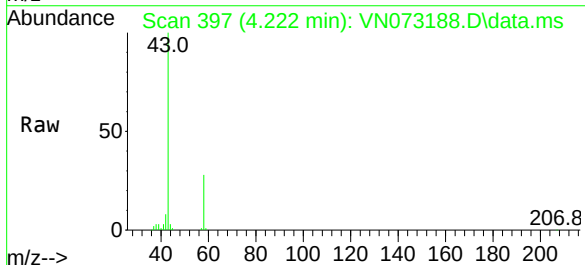
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-2

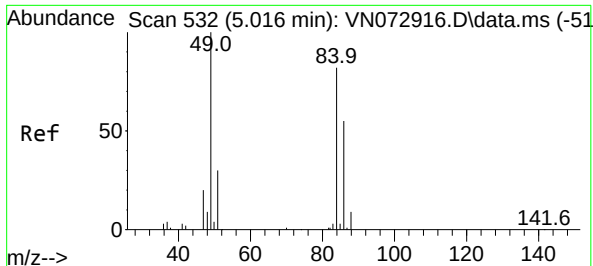
Tgt Ion:168 Resp: 348125
Ion Ratio Lower Upper
168 100
99 60.7 42.3 63.5



#16
Acetone
Concen: 47.070 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

Tgt Ion: 43 Resp: 121778
Ion Ratio Lower Upper
43 100
58 27.6 26.0 39.0





#20

Methylene Chloride

Concen: 26.905 ug/l

RT: 5.016 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN073188.D

Acq: 28 Jun 2022 03:01

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-2

Tgt Ion: 84 Resp: 108416

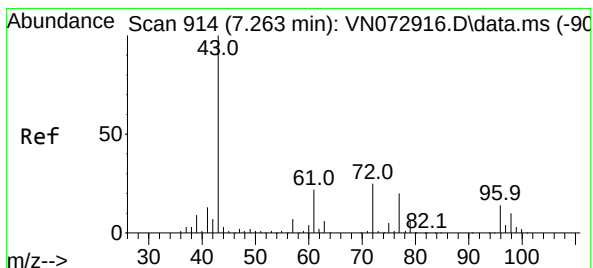
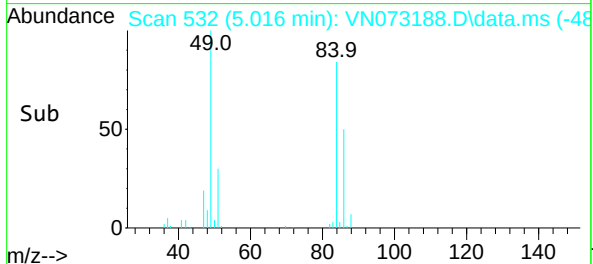
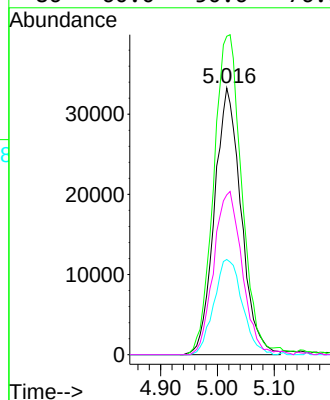
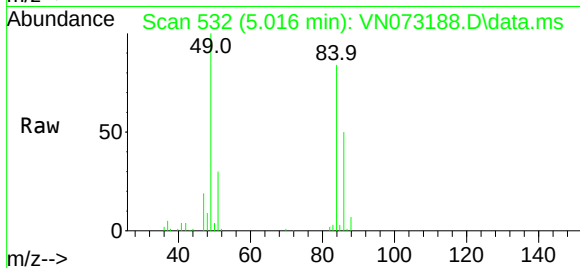
Ion Ratio Lower Upper

84 100

49 119.4 88.3 132.5

51 35.7 28.2 42.2

86 60.0 50.6 76.0



#25

2-Butanone

Concen: 7.170 ug/l

RT: 7.269 min Scan# 915

Delta R.T. 0.006 min

Lab File: VN073188.D

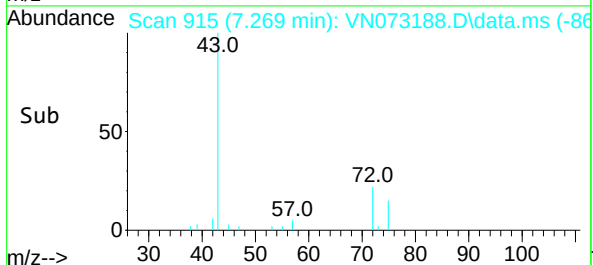
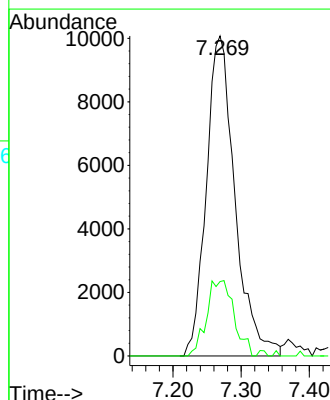
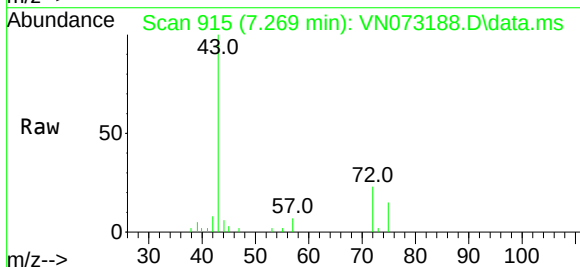
Acq: 28 Jun 2022 03:01

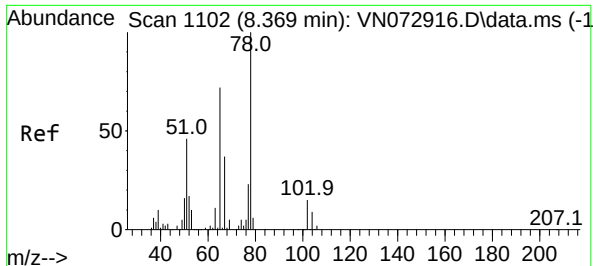
Tgt Ion: 43 Resp: 29437

Ion Ratio Lower Upper

43 100

72 23.3 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 43.652 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073188.D

Acq: 28 Jun 2022 03:01

Instrument :

MSVOA_N

ClientSampleId :

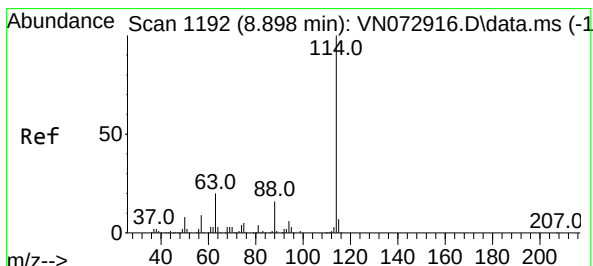
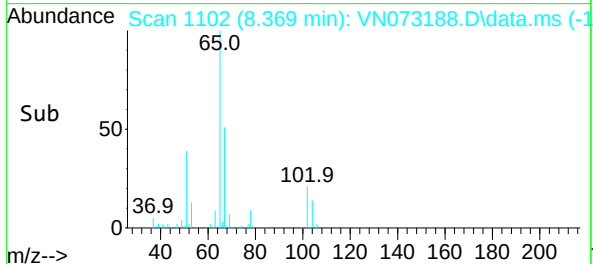
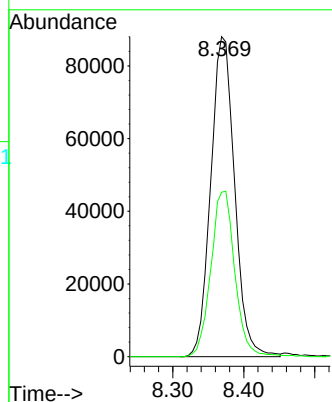
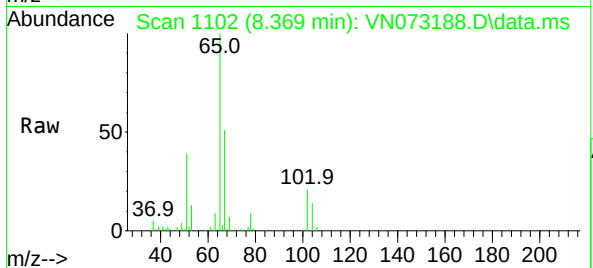
SP-EXC-1-2

Tgt Ion: 65 Resp: 205451

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073188.D

Acq: 28 Jun 2022 03:01

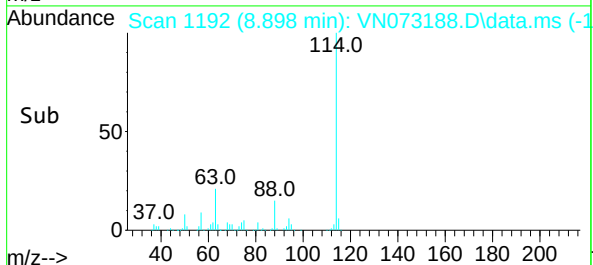
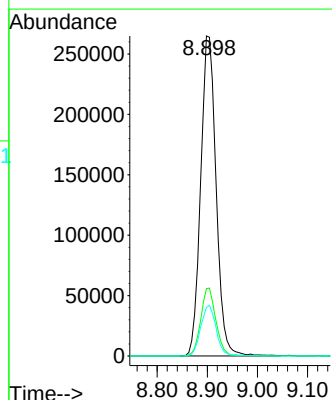
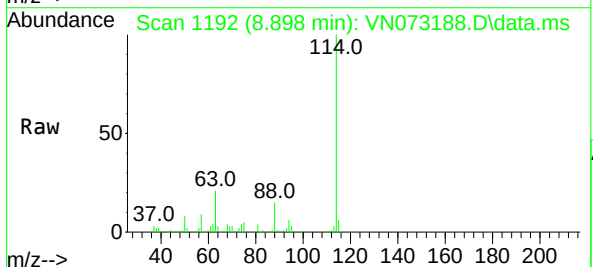
Tgt Ion: 114 Resp: 567808

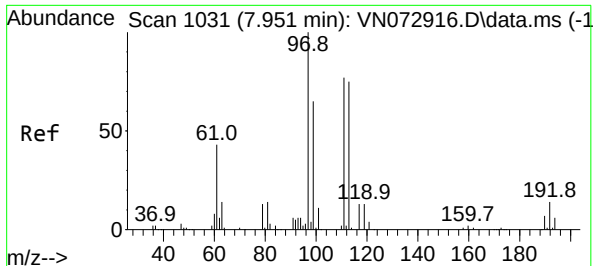
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.2 0.0 32.6

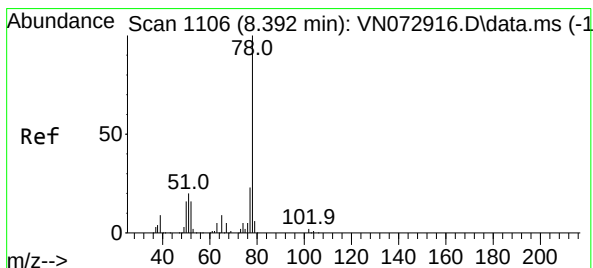
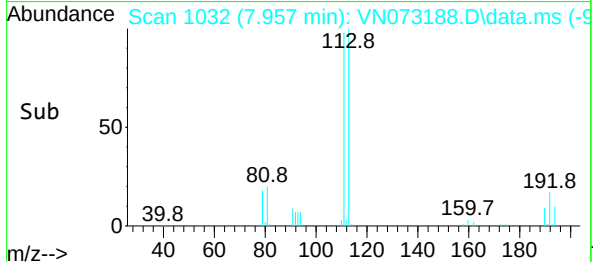
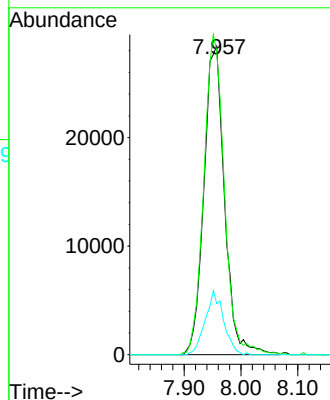
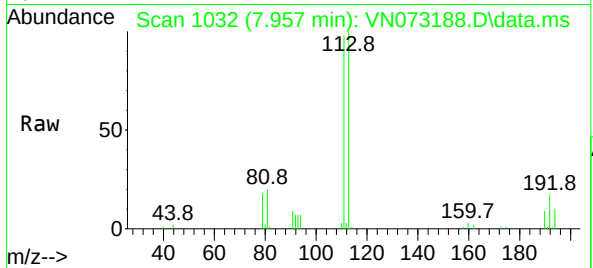




#35
Dibromofluoromethane
Concen: 20.440 ug/l
RT: 7.957 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

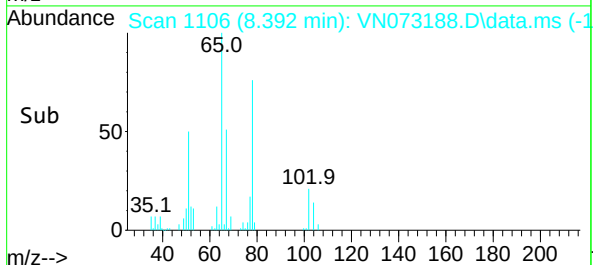
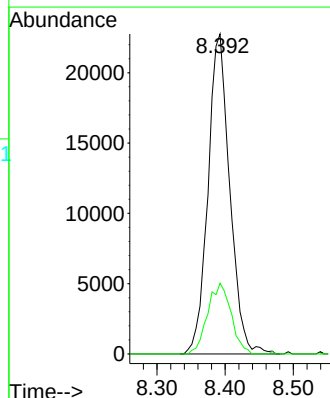
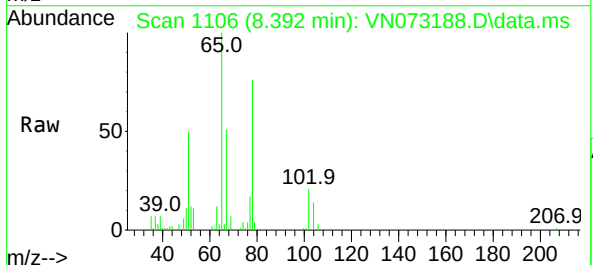
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SP-EXC-1-2

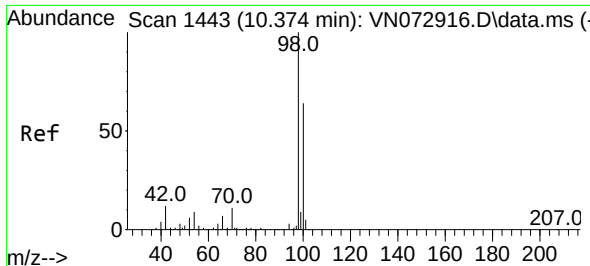
Tgt Ion:113 Resp: 71735
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.5 17.0 25.6



#40
Benzene
Concen: 3.389 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

Tgt Ion: 78 Resp: 50572
Ion Ratio Lower Upper
78 100
77 22.1 19.4 29.0

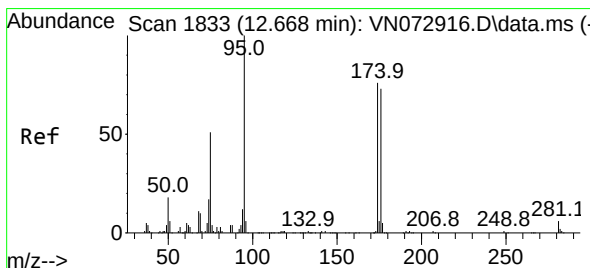
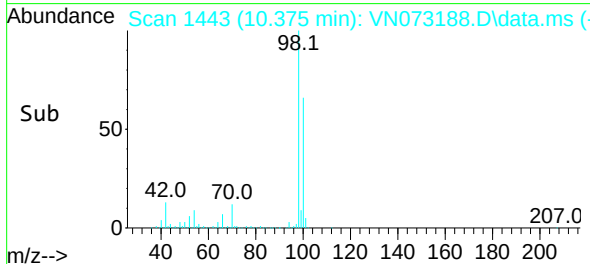
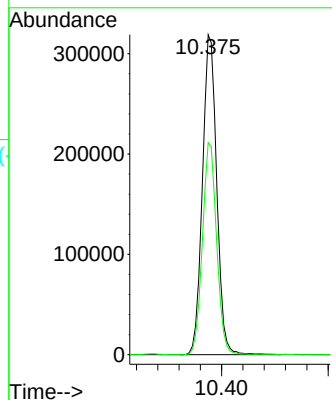
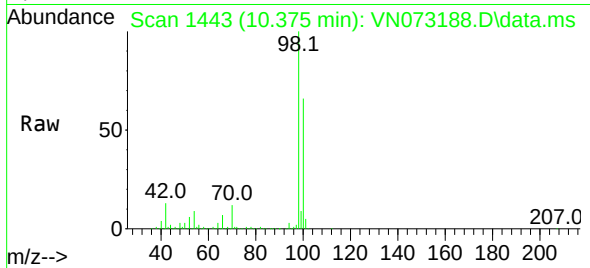




#50
Toluene-d8
Concen: 45.358 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

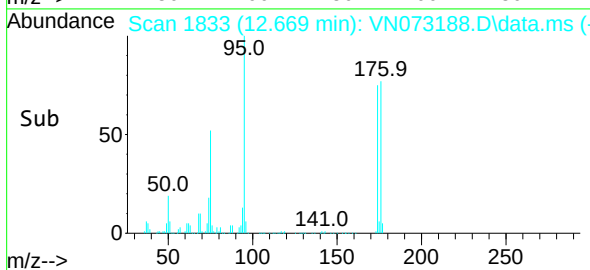
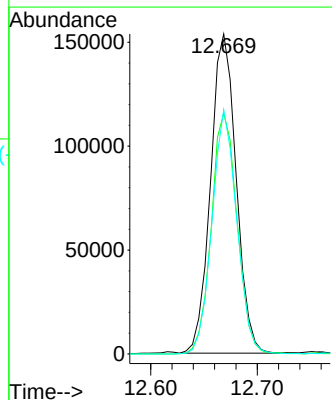
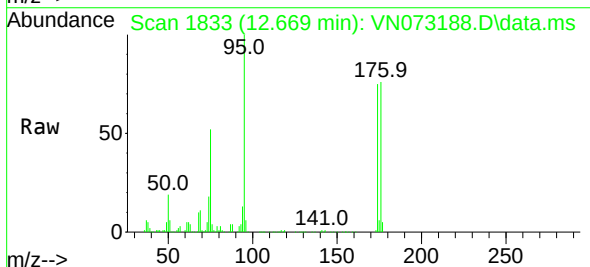
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-2

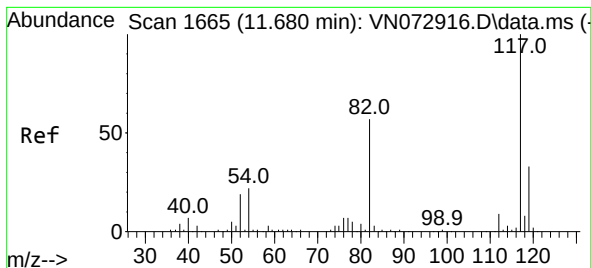
Tgt Ion: 98 Resp: 592339
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.449 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

Tgt Ion: 95 Resp: 255687
Ion Ratio Lower Upper
95 100
174 76.2 0.0 167.6
176 74.1 0.0 163.4

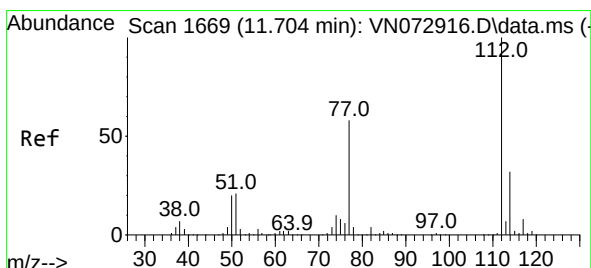
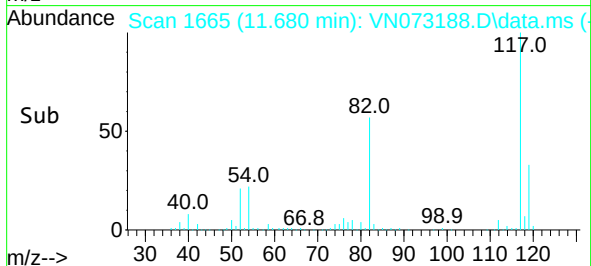
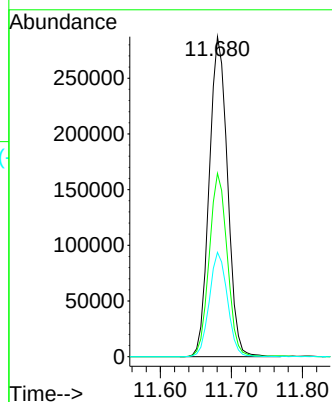
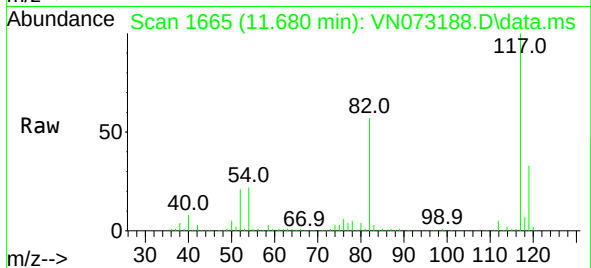




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

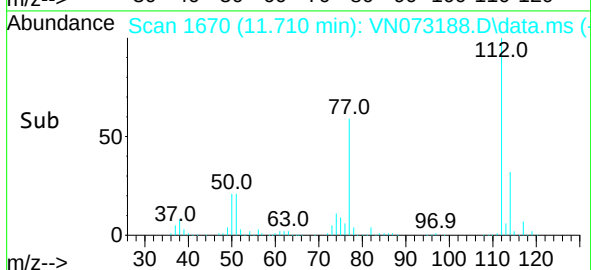
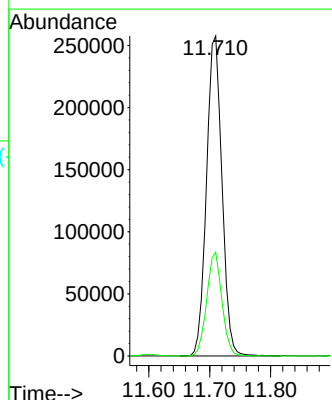
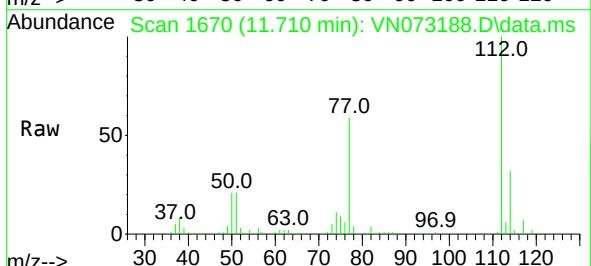
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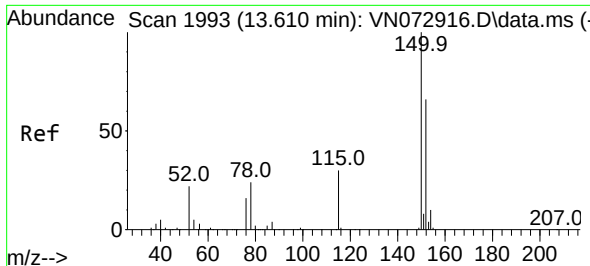
Tgt Ion:117 Resp: 514258
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.6 25.4 38.0



#65
Chlorobenzene
Concen: 45.222 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

Tgt Ion:112 Resp: 454170
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

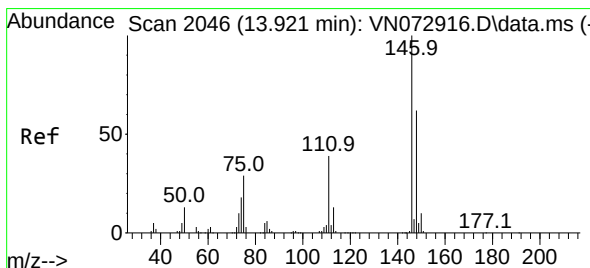
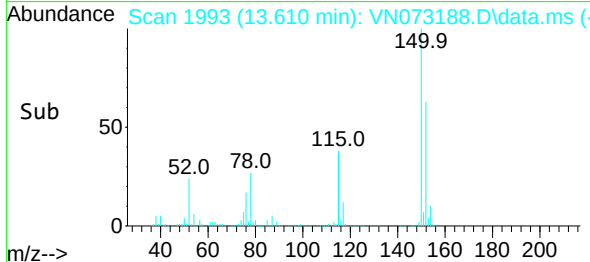
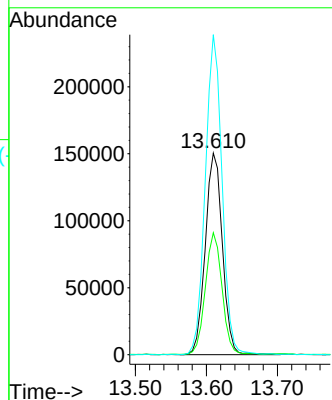
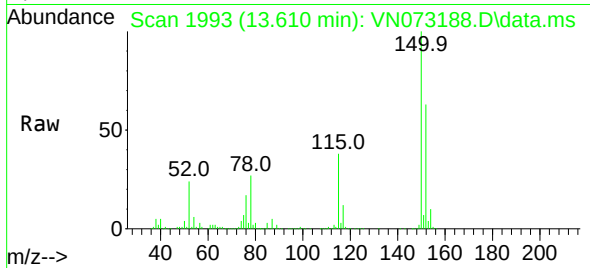




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-2

Tgt Ion:152 Resp: 252598
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 155.2 0.0 356.2



#91
1,2-Dichlorobenzene
Concen: 1.771 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073188.D
Acq: 28 Jun 2022 03:01

Tgt Ion:146 Resp: 15439
Ion Ratio Lower Upper
146 100
111 48.0 20.9 62.8
148 63.6 32.1 96.3

