

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073189.D
 Acq On : 28 Jun 2022 03:25
 Operator : JC\MD
 Sample : N3494-30
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Jun 28 06:45:06 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)

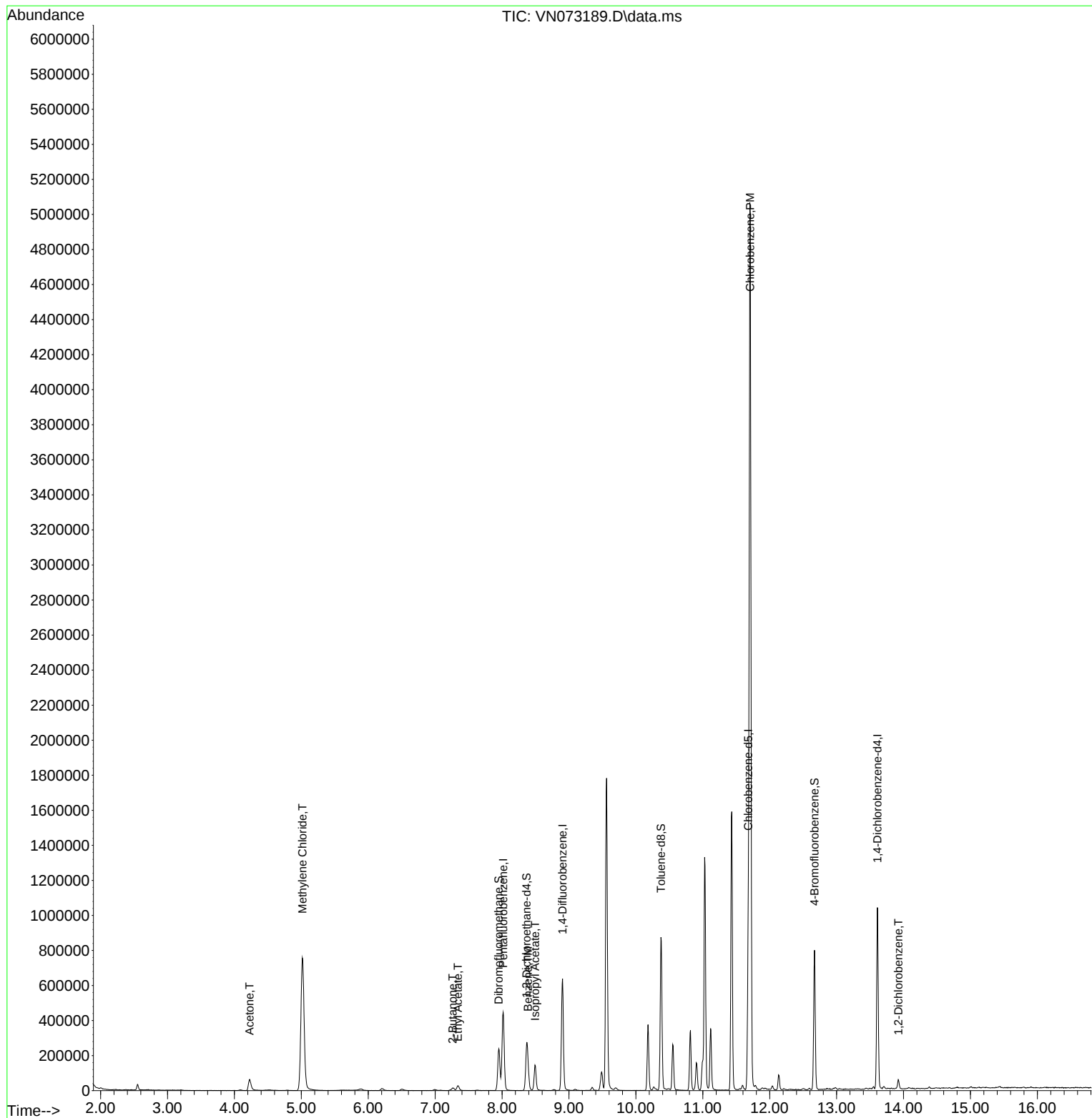
Internal Standards						
1) Pentafluorobenzene	8.016	168	350608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	566351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	530933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	273661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	206310	43.524	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.040%		
35) Dibromofluoromethane	7.951	113	174548	49.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	10.375	98	598409	45.941	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.880%		
62) 4-Bromofluorobenzene	12.668	95	273108	58.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.620%		
Target Compounds					Qvalue	
16) Acetone	4.228	43	117195	44.978	ug/l	95
20) Methylene Chloride	5.016	84	632077	156.911	ug/l	90
25) 2-Butanone	7.263	43	22839	5.524	ug/l	90
37) Ethyl Acetate	7.339	43	46391	6.123	ug/l	95
40) Benzene	8.386	78	68936	4.631	ug/l	98
43) Isopropyl Acetate	8.492	43	170918	15.782	ug/l #	88
65) Chlorobenzene	11.710	112	2708401	261.206	ug/l	99
91) 1,2-Dichlorobenzene	13.921	146	18919	2.003	ug/l	96

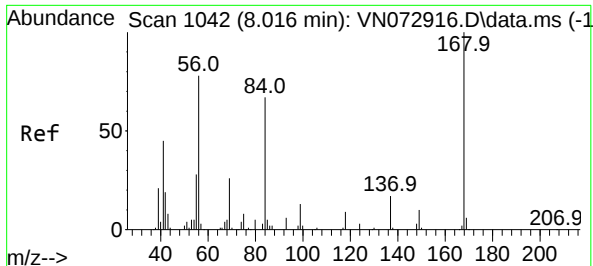
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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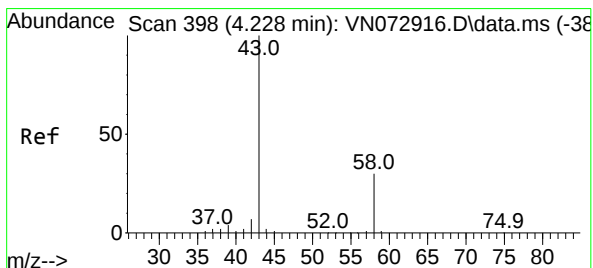
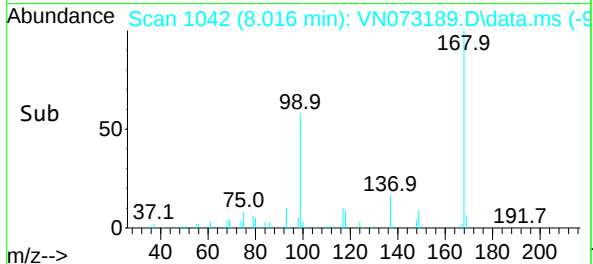
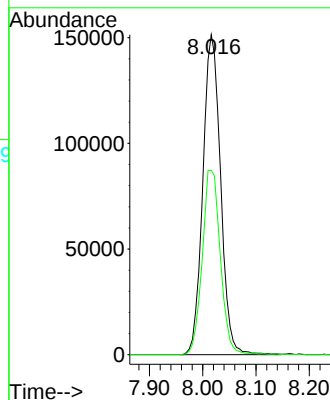
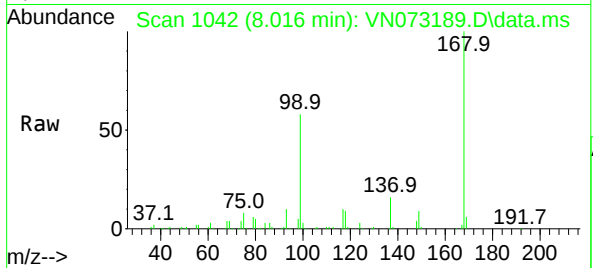




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

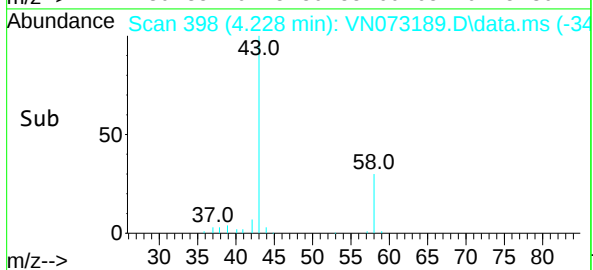
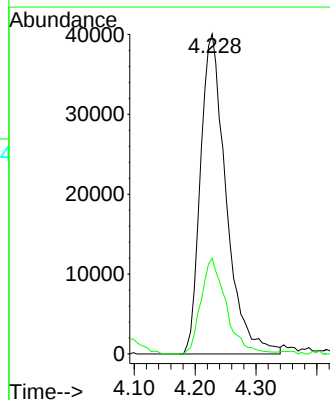
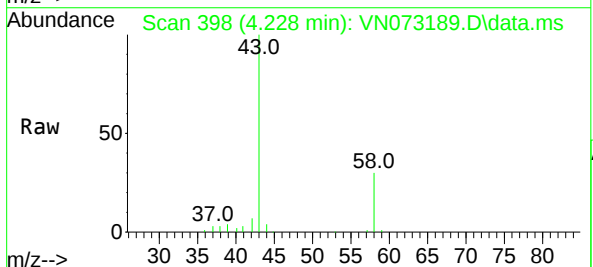
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-2-GR

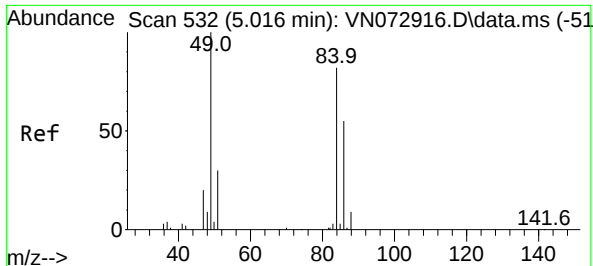
Tgt Ion:168 Resp: 350608
Ion Ratio Lower Upper
168 100
99 57.6 42.3 63.5



#16
Acetone
Concen: 44.978 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

Tgt Ion: 43 Resp: 117195
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0

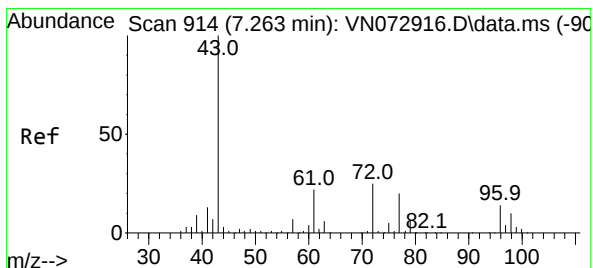
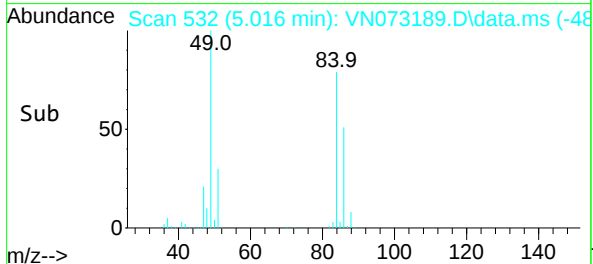
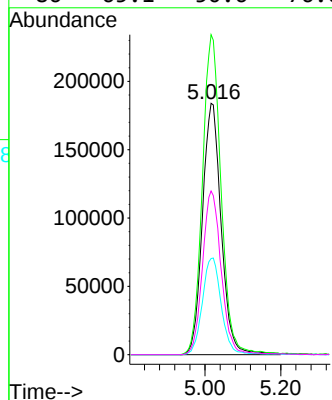
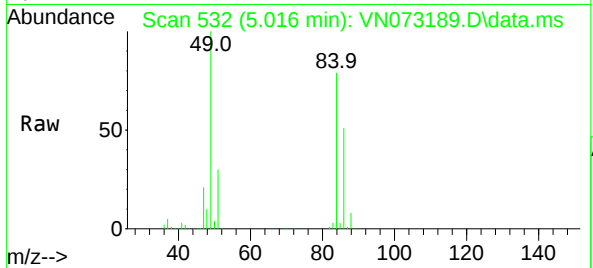




#20
Methylene Chloride
Concen: 156.911 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

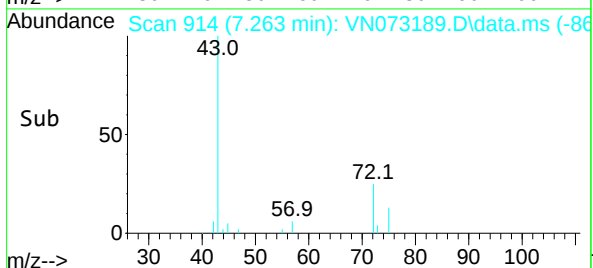
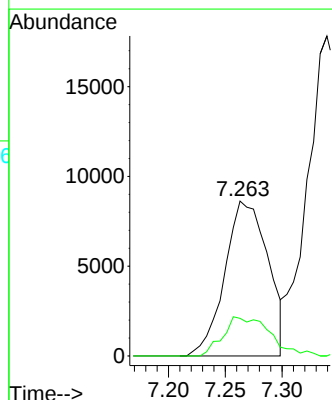
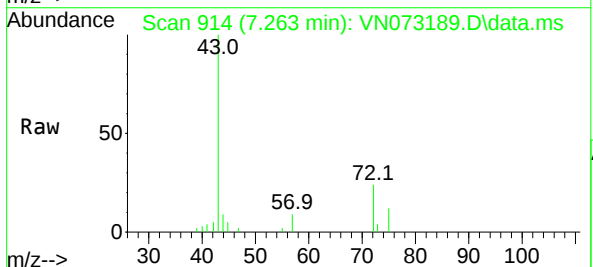
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-2-GR

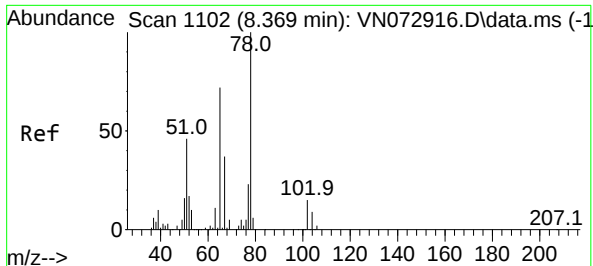
Tgt Ion: 84 Resp: 632077
Ion Ratio Lower Upper
84 100
49 127.3 88.3 132.5
51 38.3 28.2 42.2
86 65.1 50.6 76.0



#25
2-Butanone
Concen: 5.524 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

Tgt Ion: 43 Resp: 22839
Ion Ratio Lower Upper
43 100
72 24.3 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 43.524 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073189.D

Acq: 28 Jun 2022 03:25

Instrument :

MSVOA_N

ClientSampleId :

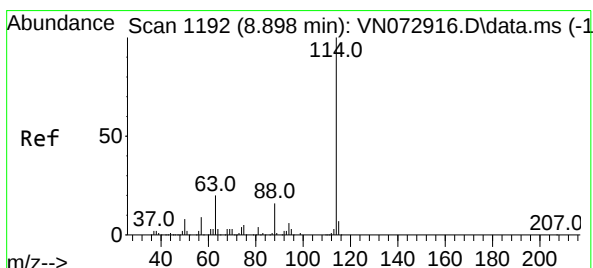
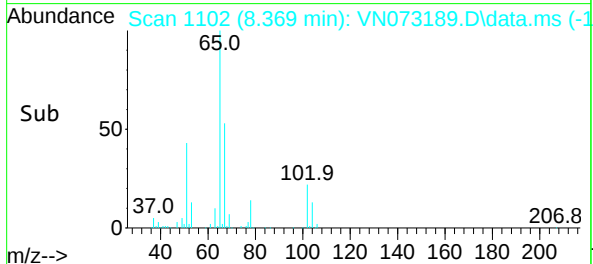
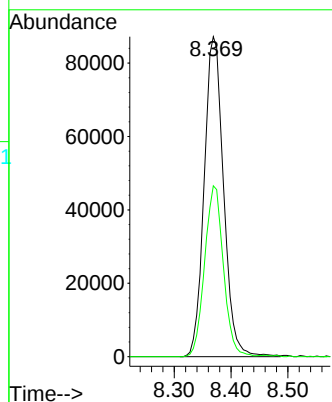
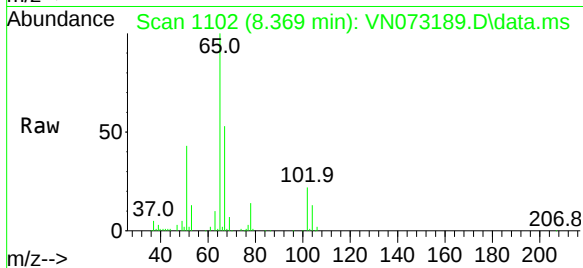
SP-EXC-1-2-GR

Tgt Ion: 65 Resp: 206310

Ion Ratio Lower Upper

65 100

67 51.7 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: VN073189.D

Acq: 28 Jun 2022 03:25

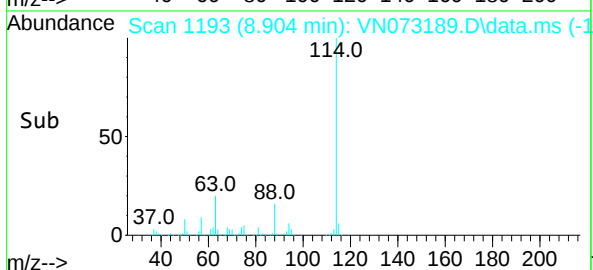
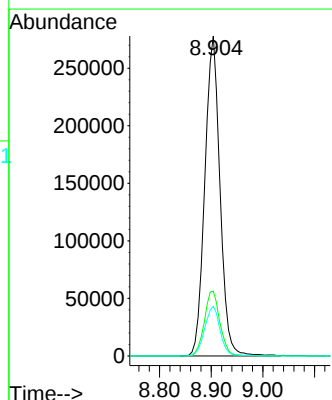
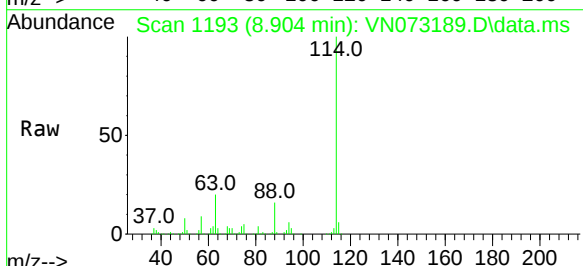
Tgt Ion: 114 Resp: 566351

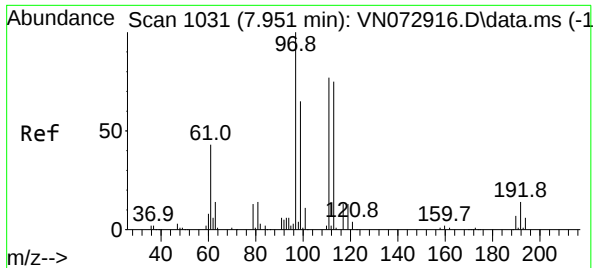
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.5 0.0 32.6

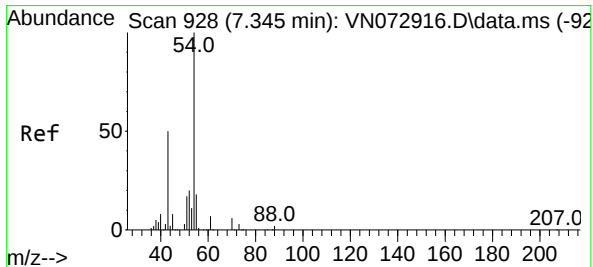
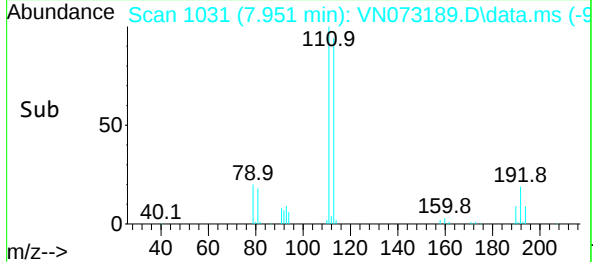
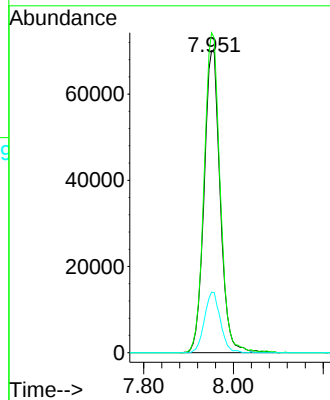
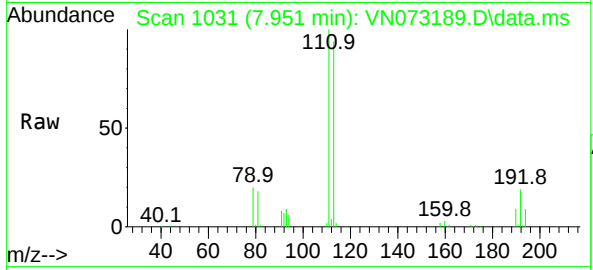




#35
Dibromofluoromethane
Concen: 49.863 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

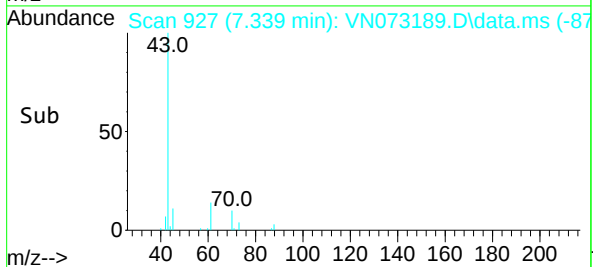
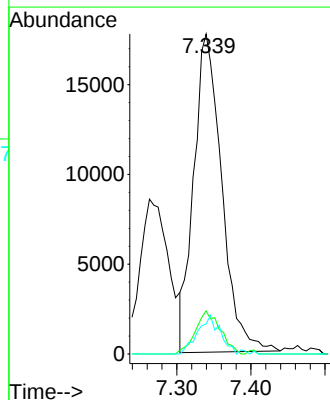
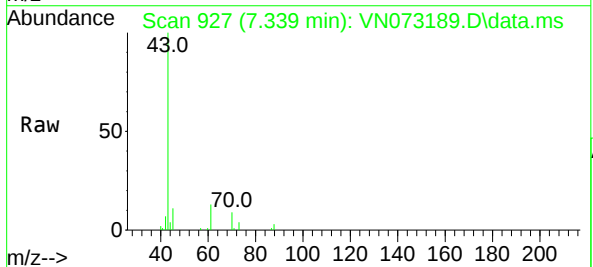
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-2-GR

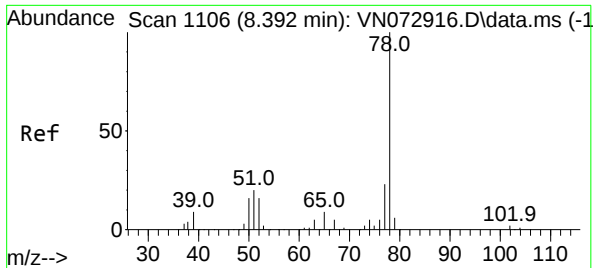
Tgt Ion:113 Resp: 174548
Ion Ratio Lower Upper
113 100
111 105.5 81.4 122.0
192 19.8 17.0 25.6



#37
Ethyl Acetate
Concen: 6.123 ug/l
RT: 7.339 min Scan# 927
Delta R.T. -0.006 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

Tgt Ion: 43 Resp: 46391
Ion Ratio Lower Upper
43 100
61 12.1 11.8 17.6
70 10.1 9.3 13.9

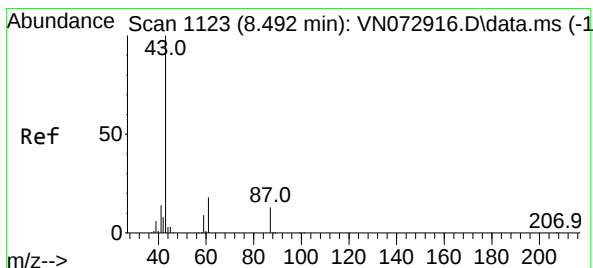
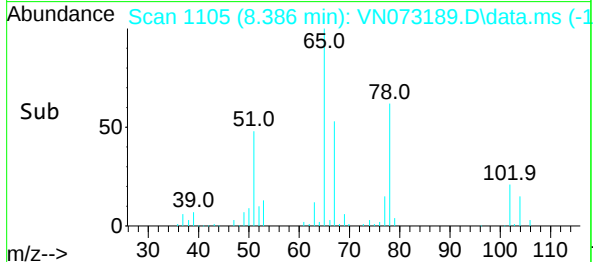
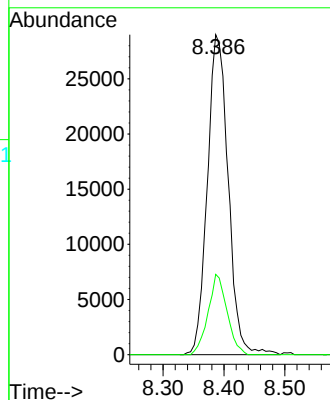
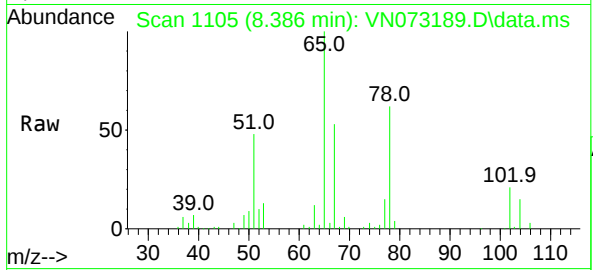




#40
Benzene
Concen: 4.631 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

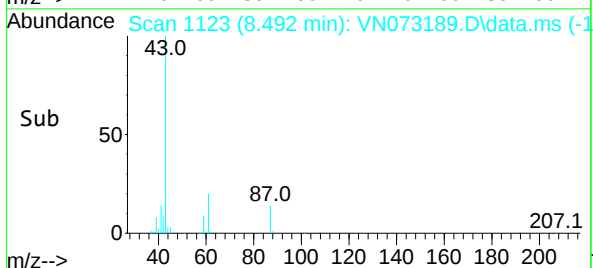
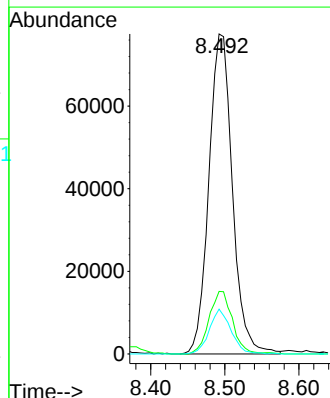
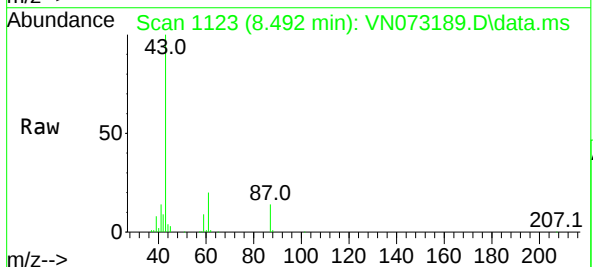
Instrument :
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ClientSampleId :
SP-EXC-1-2-GR

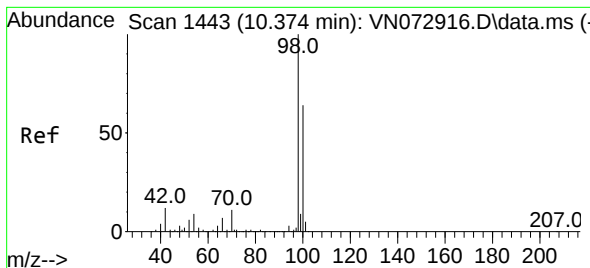
Tgt Ion: 78 Resp: 68936
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0



#43
Isopropyl Acetate
Concen: 15.782 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

Tgt Ion: 43 Resp: 170918
Ion Ratio Lower Upper
43 100
61 19.4 21.9 32.9#
87 12.9 12.0 18.0





#50

Toluene-d8

Concen: 45.941 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073189.D

Acq: 28 Jun 2022 03:25

Instrument :

MSVOA_N

ClientSampleId :

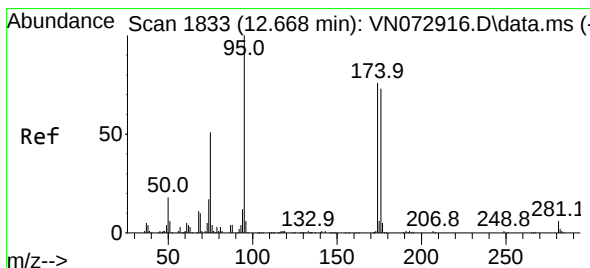
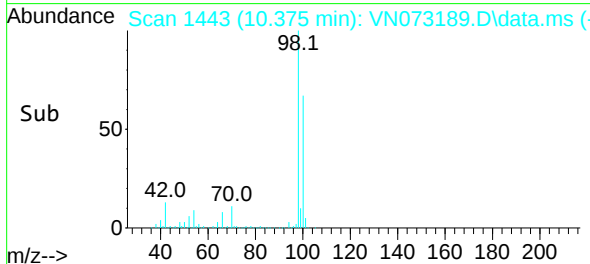
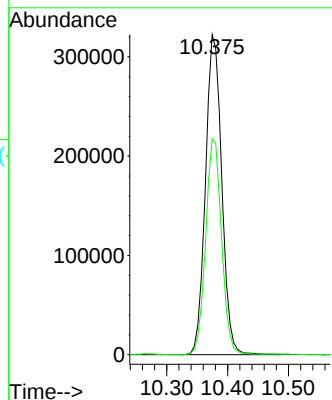
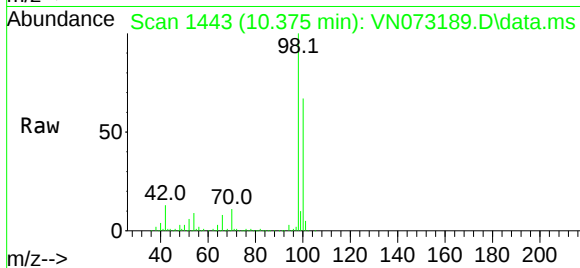
SP-EXC-1-2-GR

Tgt Ion: 98 Resp: 598409

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 58.308 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN073189.D

Acq: 28 Jun 2022 03:25

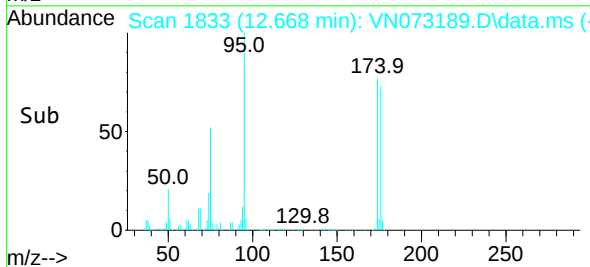
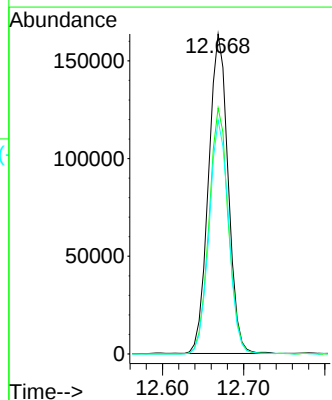
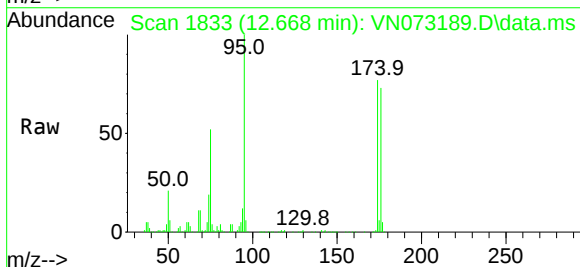
Tgt Ion: 95 Resp: 273108

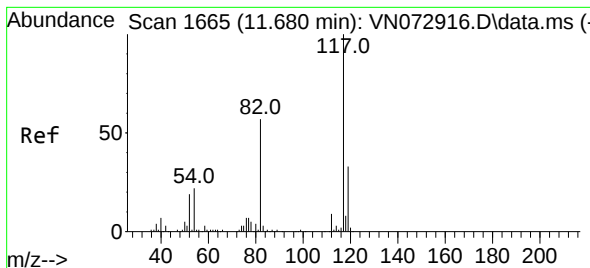
Ion Ratio Lower Upper

95 100

174 76.3 0.0 167.6

176 72.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073189.D

Acq: 28 Jun 2022 03:25

Instrument :

MSVOA_N

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SP-EXC-1-2-GR

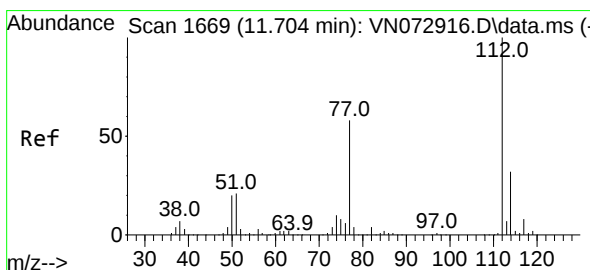
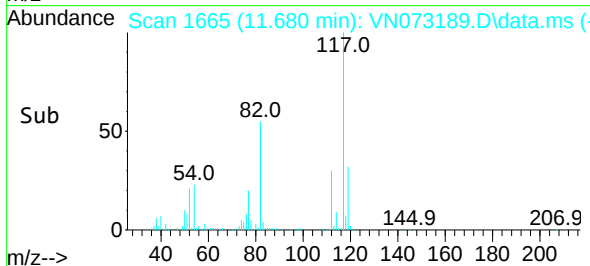
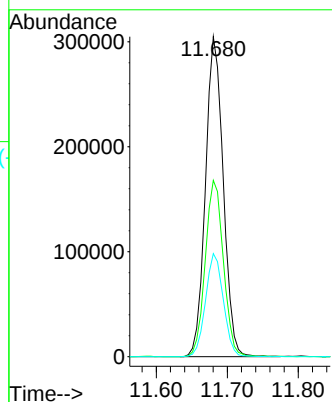
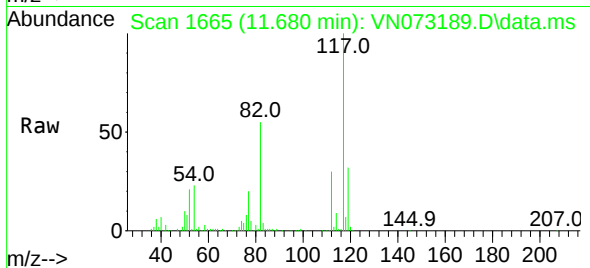
Tgt Ion:117 Resp: 530933

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 32.2 25.4 38.0



#65

Chlorobenzene

Concen: 261.206 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073189.D

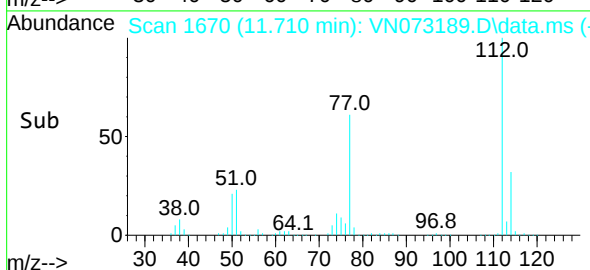
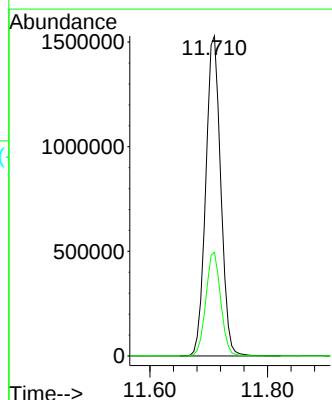
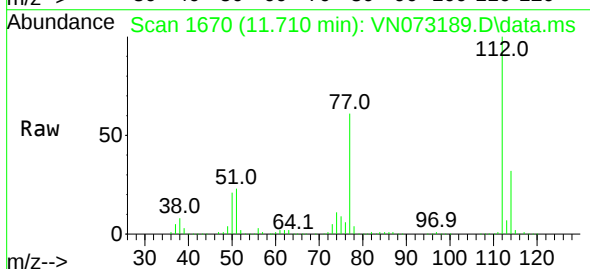
Acq: 28 Jun 2022 03:25

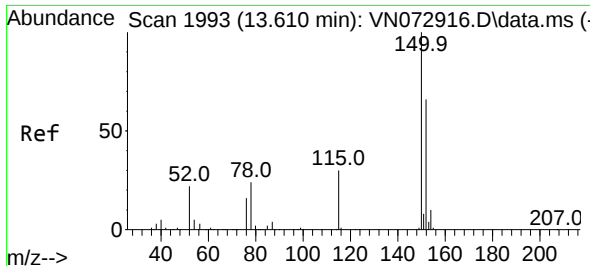
Tgt Ion:112 Resp: 2708401

Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.2

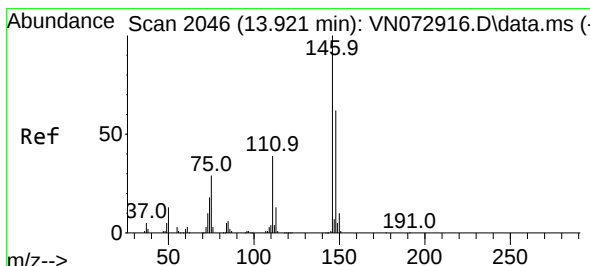
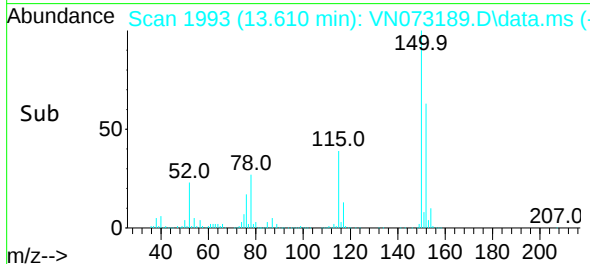
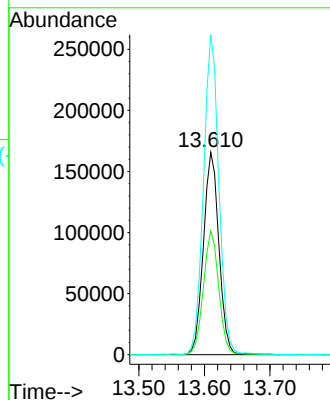
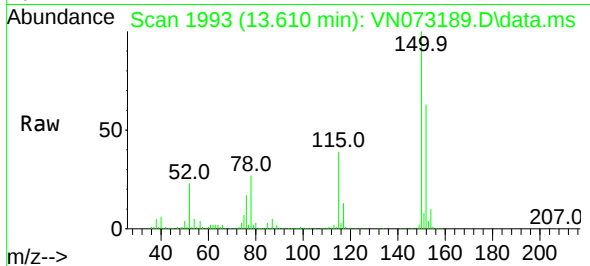




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

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

Tgt Ion:152 Resp: 273661
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 156.7 0.0 356.2



#91
1,2-Dichlorobenzene
Concen: 2.003 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073189.D
Acq: 28 Jun 2022 03:25

Tgt Ion:146 Resp: 18919
Ion Ratio Lower Upper
146 100
111 44.9 20.9 62.8
148 67.2 32.1 96.3

