

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073187.D
 Acq On : 28 Jun 2022 02:36
 Operator : JC\MD
 Sample : N3494-25
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-3-GR

Quant Time: Jun 28 06:44:44 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)

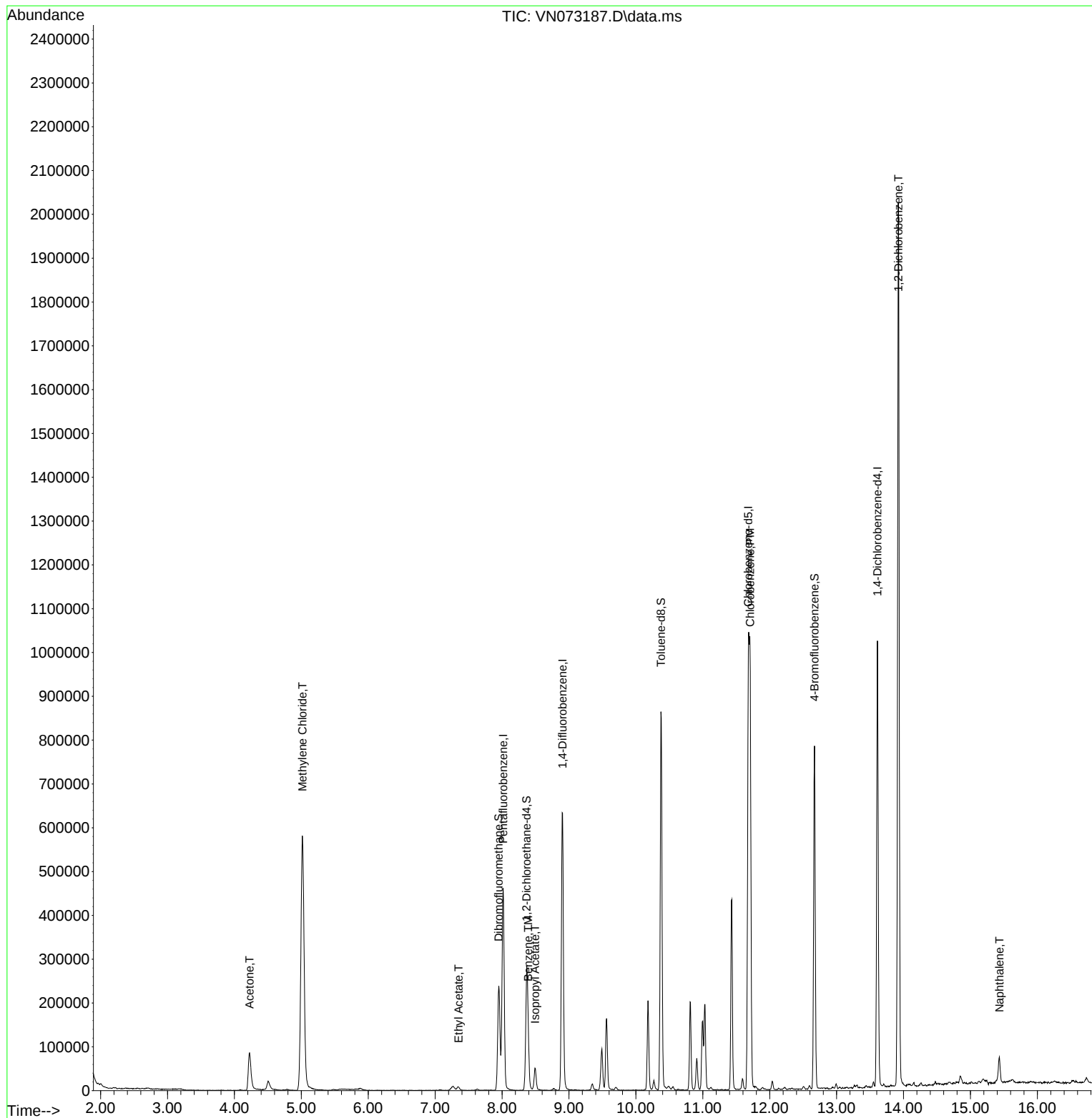
Internal Standards						
1) Pentafluorobenzene	8.016	168	353824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	573612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	540480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	267616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	211270	44.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.340%
35) Dibromofluoromethane	7.951	113	181630	51.229	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.460%
50) Toluene-d8	10.375	98	603896	45.775	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.669	95	275491	58.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.140%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	162974	61.979	ug/l	94
20) Methylene Chloride	5.016	84	486049	119.506	ug/l	91
37) Ethyl Acetate	7.351	43	11756	1.532	ug/l	98
40) Benzene	8.392	78	69431	4.605	ug/l	94
43) Isopropyl Acetate	8.492	43	60367	5.503	ug/l #	88
65) Chlorobenzene	11.710	112	501646	47.526	ug/l	100
91) 1,2-Dichlorobenzene	13.921	146	844795	91.482	ug/l	99
95) Naphthalene	15.433	128	55895	2.704	ug/l #	97

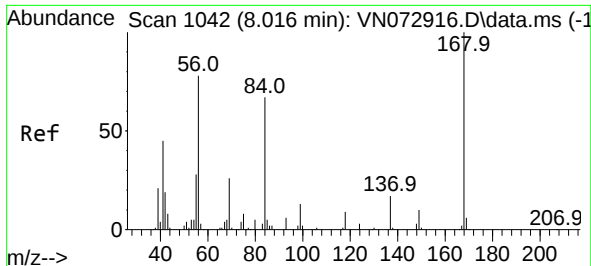
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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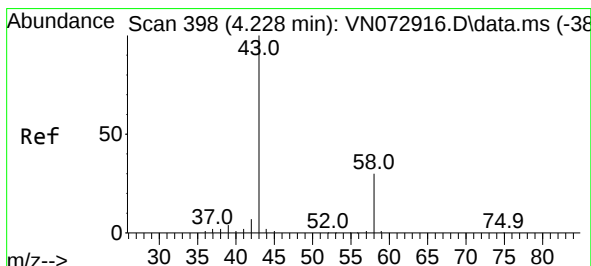
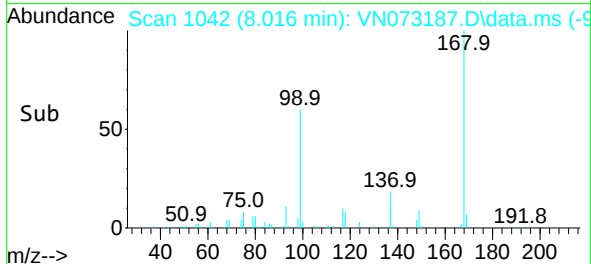
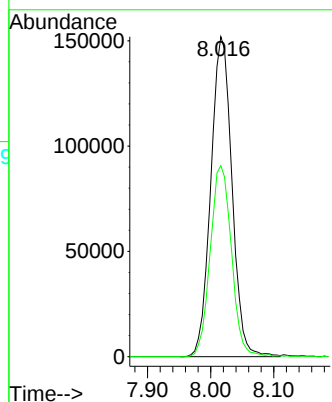
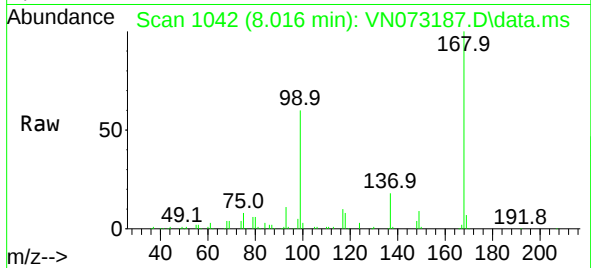




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

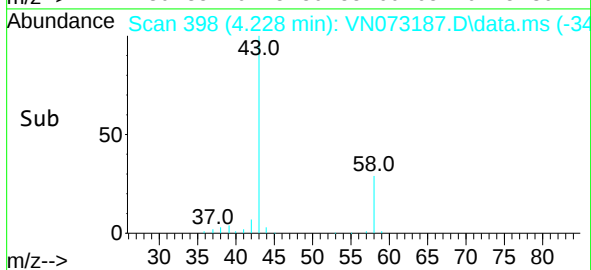
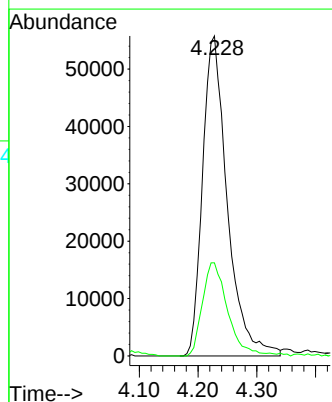
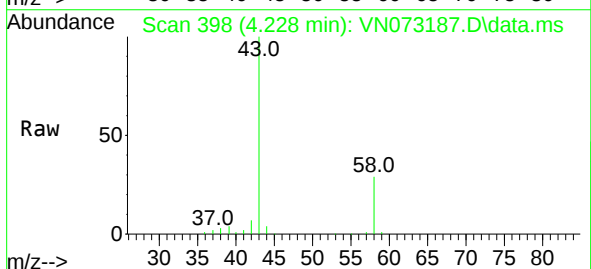
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3-GR

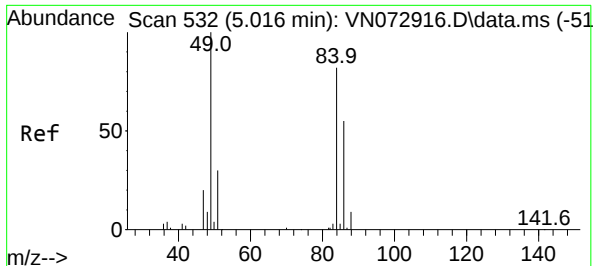
Tgt Ion:168 Resp: 353824
Ion Ratio Lower Upper
168 100
99 59.7 42.3 63.5



#16
Acetone
Concen: 61.979 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

Tgt Ion: 43 Resp: 162974
Ion Ratio Lower Upper
43 100
58 29.1 26.0 39.0

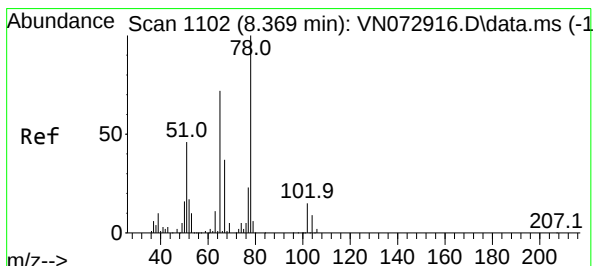
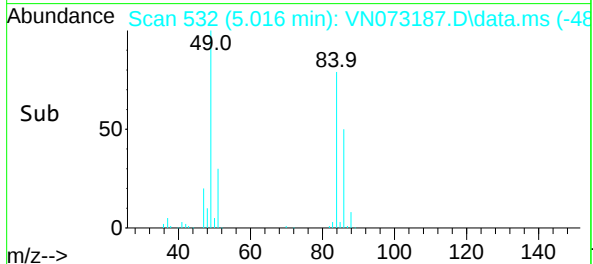
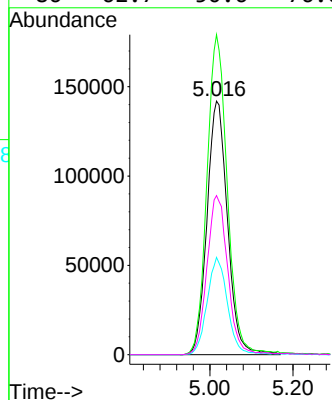
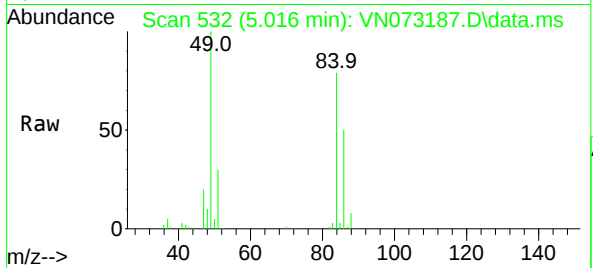




#20
Methylene Chloride
Concen: 119.506 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

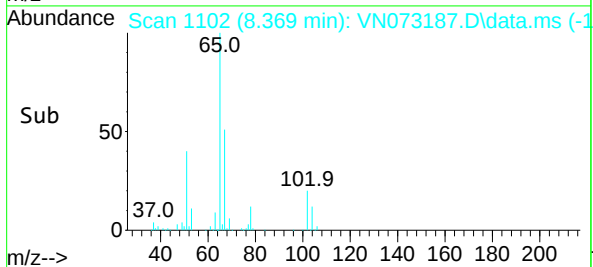
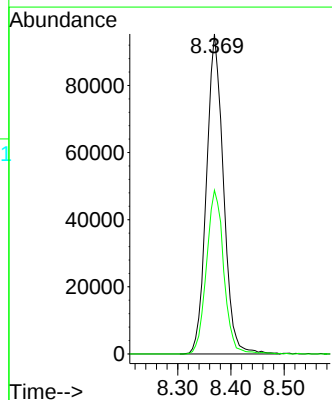
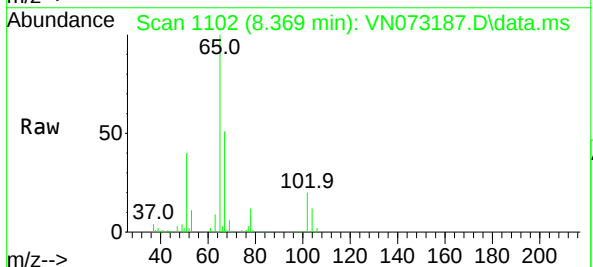
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3-GR

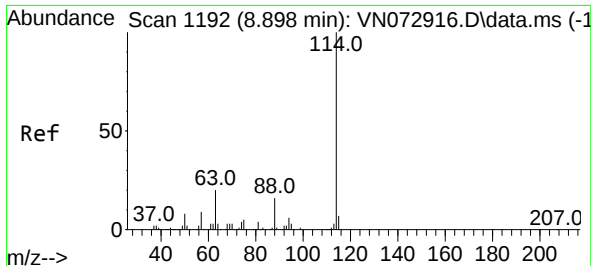
Tgt Ion: 84 Resp: 486049
Ion Ratio Lower Upper
84 100
49 126.2 88.3 132.5
51 38.4 28.2 42.2
86 62.7 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 44.165 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

Tgt Ion: 65 Resp: 211270
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073187.D

Acq: 28 Jun 2022 02:36

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-3-GR

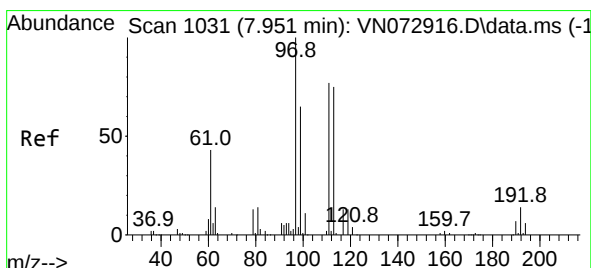
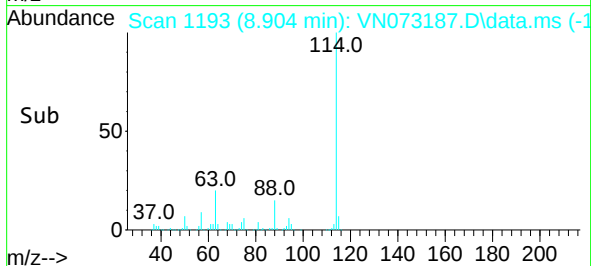
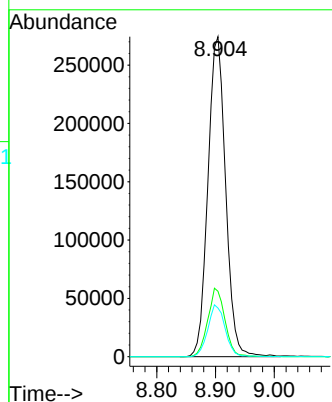
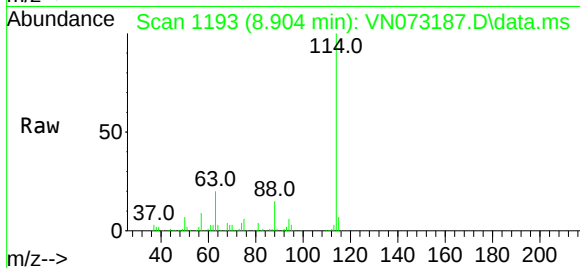
Tgt Ion:114 Resp: 573612

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.229 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073187.D

Acq: 28 Jun 2022 02:36

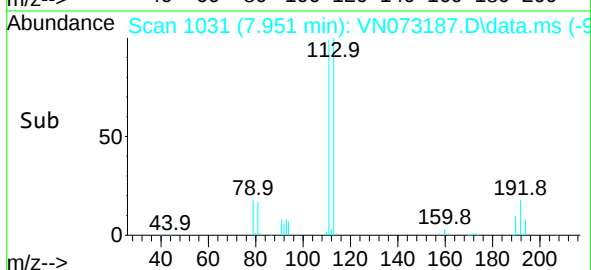
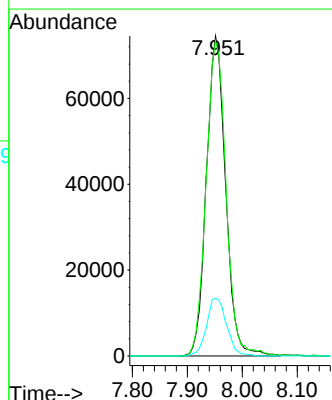
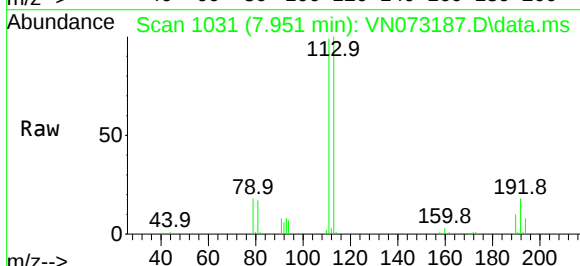
Tgt Ion:113 Resp: 181630

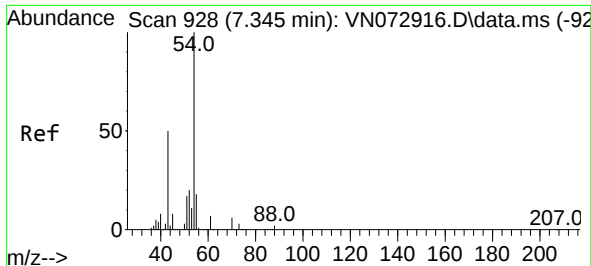
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.8 17.0 25.6

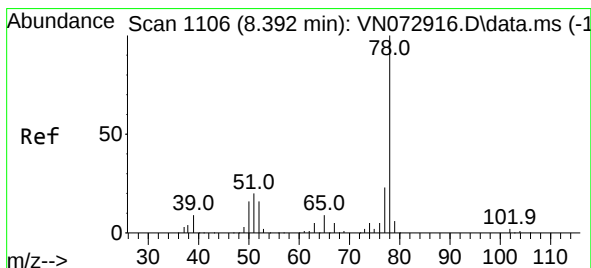
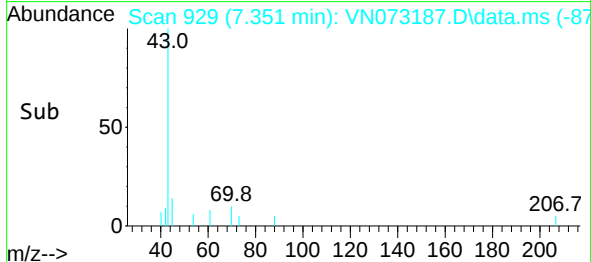
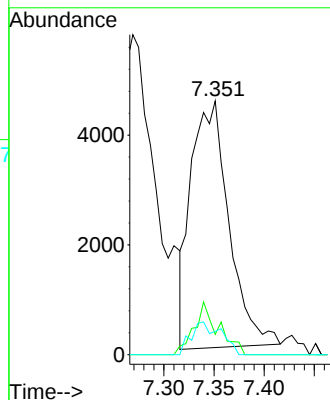
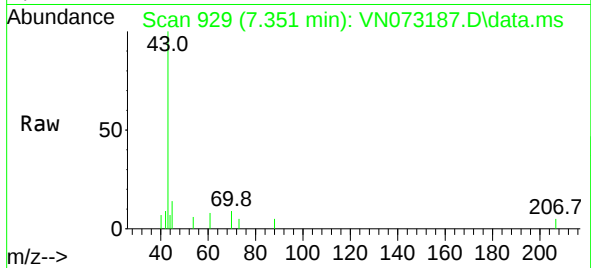




#37
Ethyl Acetate
Concen: 1.532 ug/l
RT: 7.351 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

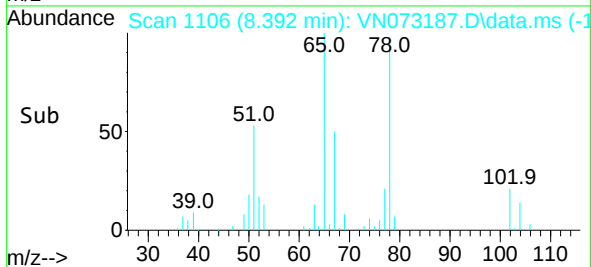
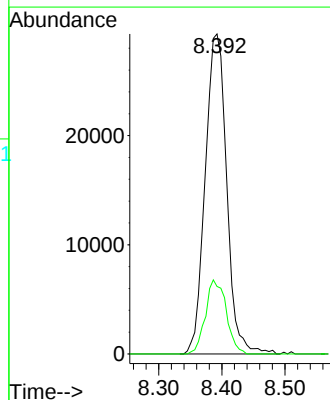
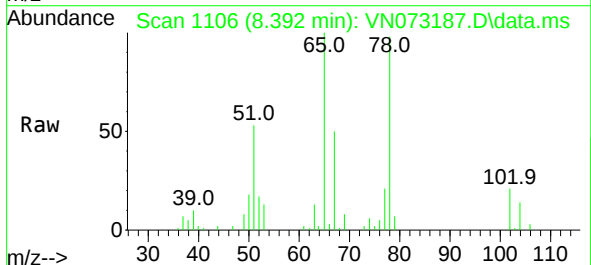
Instrument :
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SP-EXC-1-3-GR

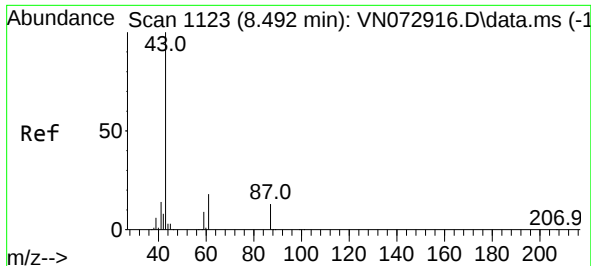
Tgt Ion: 43 Resp: 11756
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.6 9.3 13.9



#40
Benzene
Concen: 4.605 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

Tgt Ion: 78 Resp: 69431
Ion Ratio Lower Upper
78 100
77 21.1 19.4 29.0

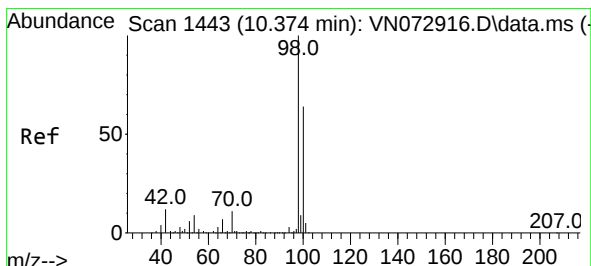
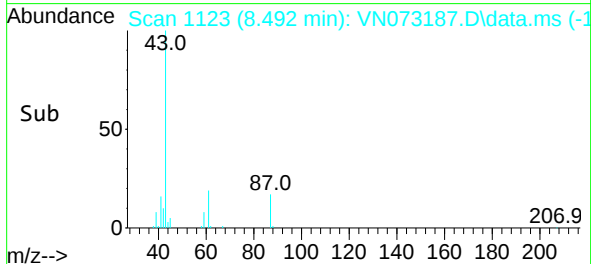
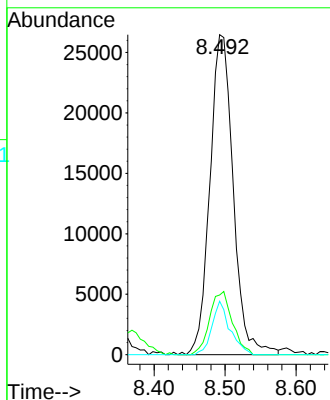
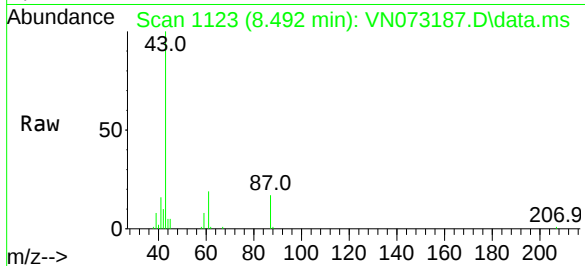




#43
Isopropyl Acetate
Concen: 5.503 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

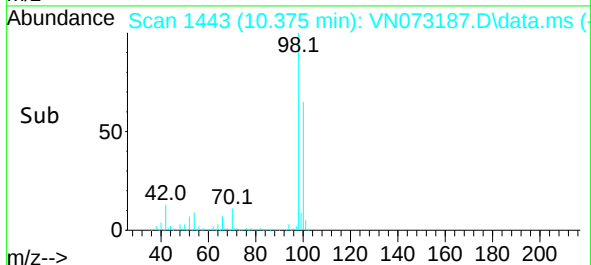
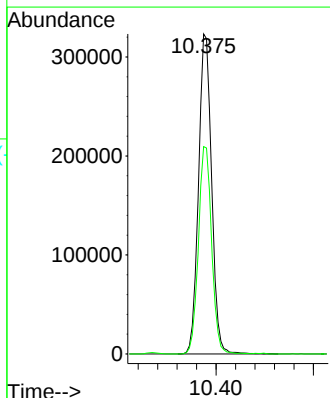
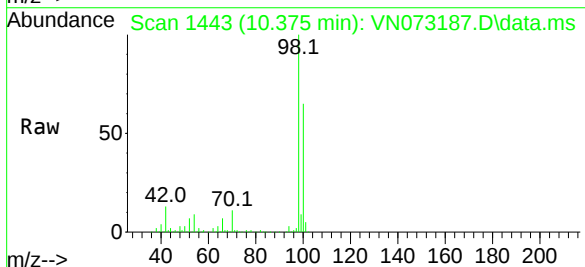
Instrument :
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ClientSampleId :
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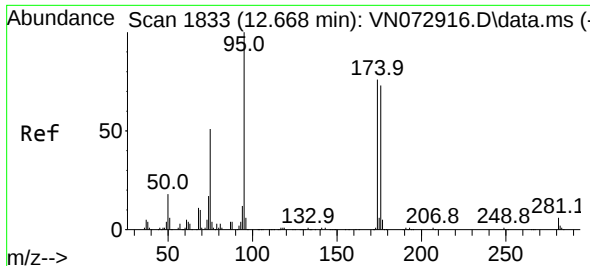
Tgt Ion: 43 Resp: 60367
Ion Ratio Lower Upper
43 100
61 19.2 21.9 32.9#
87 12.9 12.0 18.0



#50
Toluene-d8
Concen: 45.775 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

Tgt Ion: 98 Resp: 603896
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

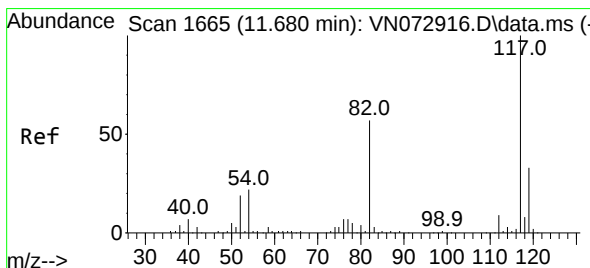
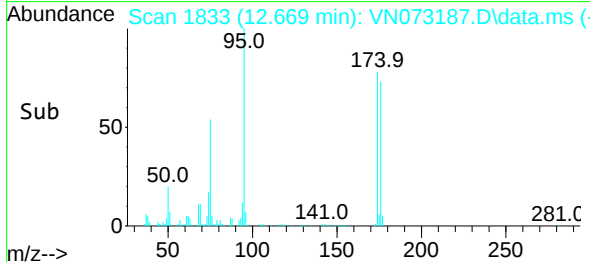
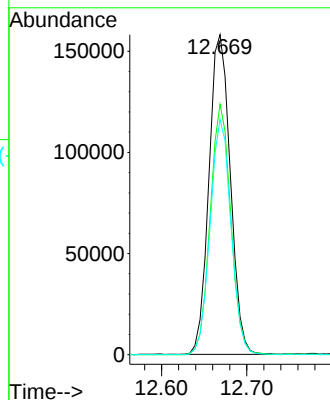
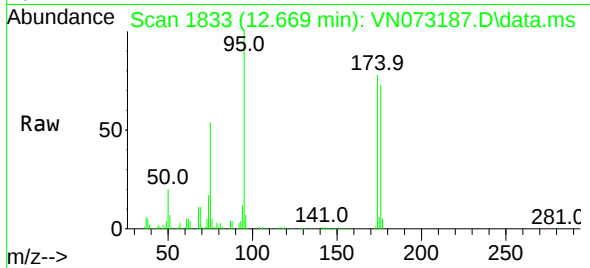




#62
4-Bromofluorobenzene
Concen: 58.073 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

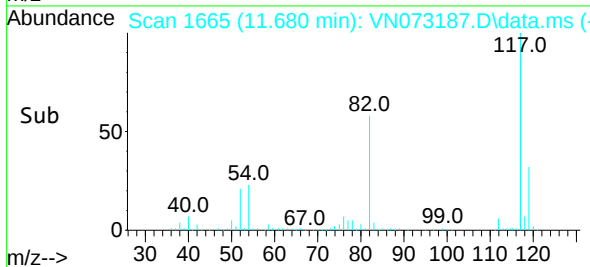
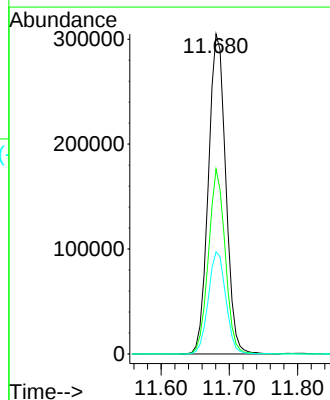
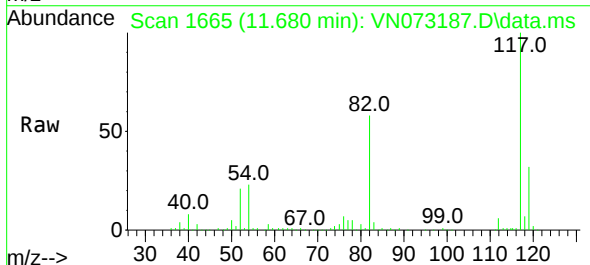
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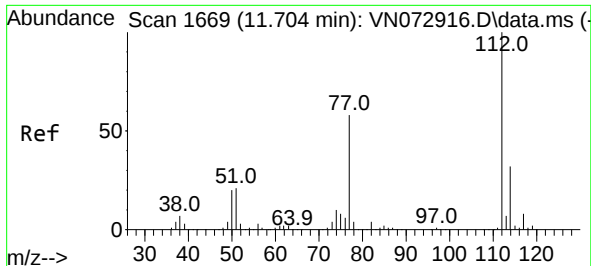
Tgt Ion: 95 Resp: 275491
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 71.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

Tgt Ion: 117 Resp: 540480
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 32.0 25.4 38.0

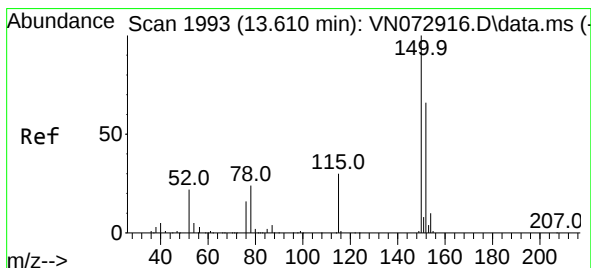
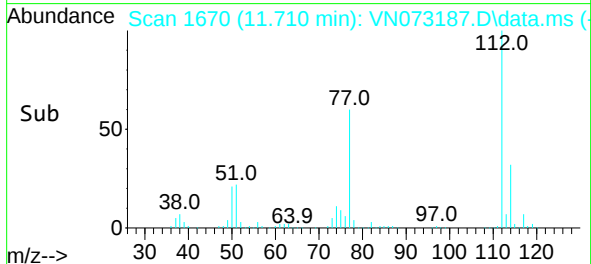
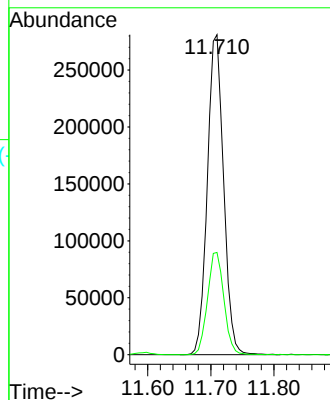
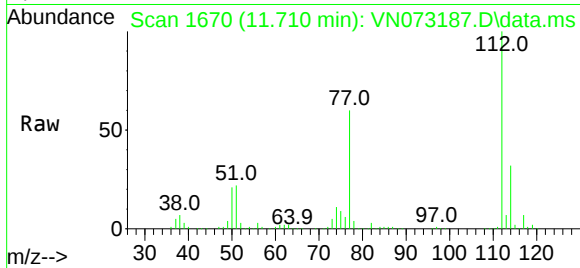




#65
Chlorobenzene
Concen: 47.526 ug/l
RT: 11.710 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

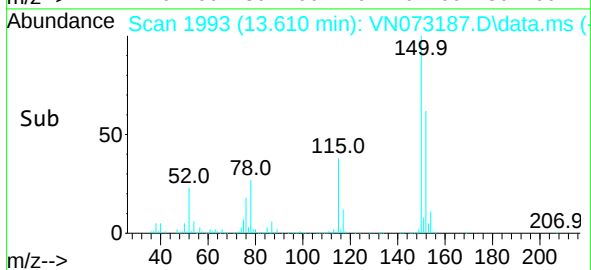
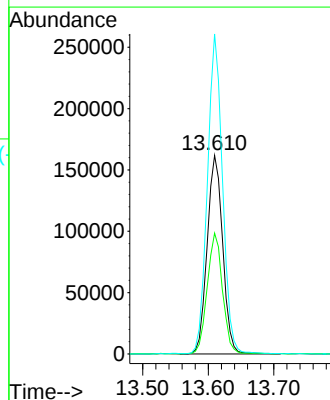
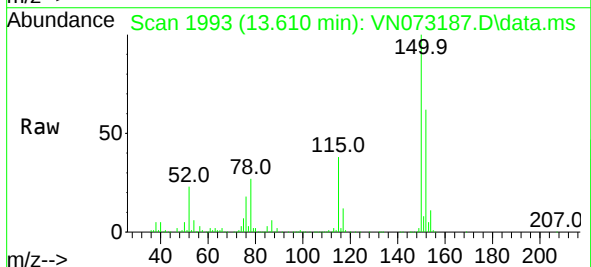
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3-GR

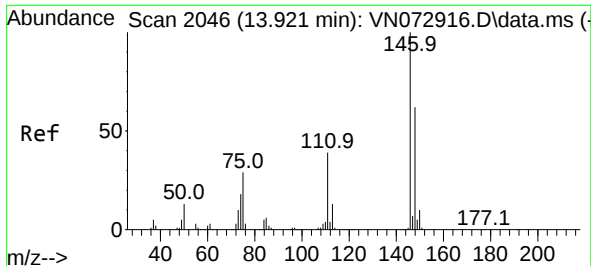
Tgt Ion:112 Resp: 501646
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

Tgt Ion:152 Resp: 267616
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 156.1 0.0 356.2

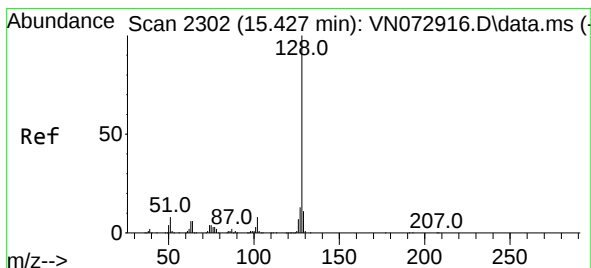
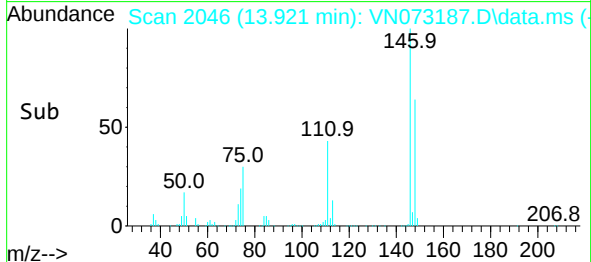
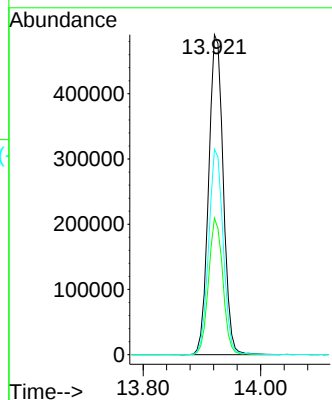
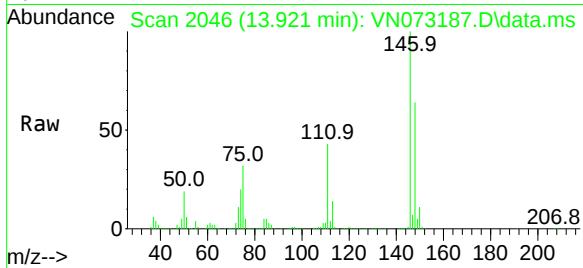




#91
1,2-Dichlorobenzene
Concen: 91.482 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3-GR

Tgt Ion:146 Resp: 844795
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 63.7 32.1 96.3



#95
Naphthalene
Concen: 2.704 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073187.D
Acq: 28 Jun 2022 02:36

Tgt Ion:128 Resp: 55895
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 13.0 8.6 13.0#

