

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071129.D
 Acq On : 01 Mar 2022 19:24
 Operator : JC\MD
 Sample : N1689-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-45

Quant Time: Mar 02 03:32:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

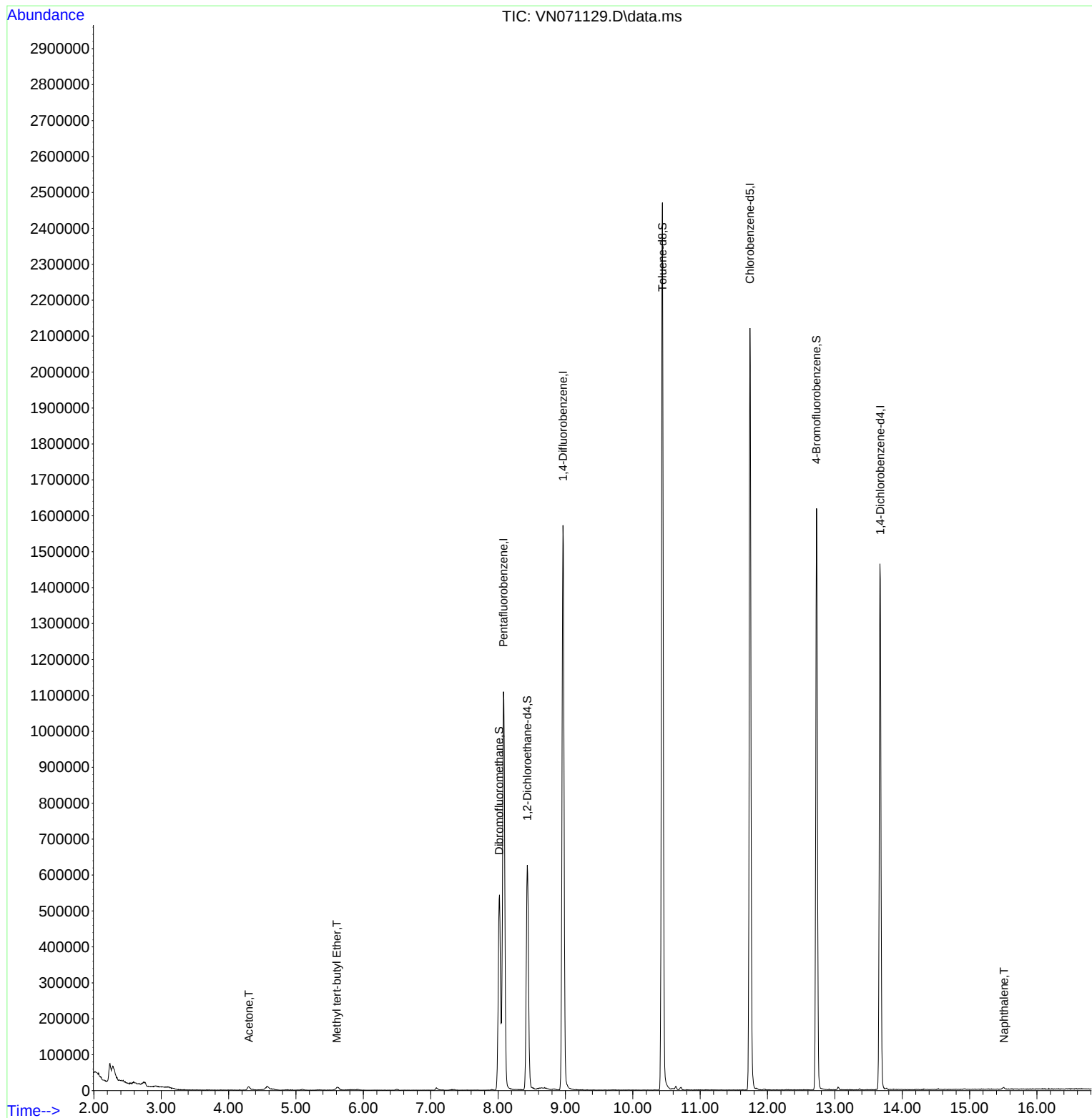
Internal Standards						
1) Pentafluorobenzene	8.080	168	884207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1396059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1248745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	413822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	525838	52.061	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.120%	
35) Dibromofluoromethane	8.016	113	403031	48.536	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.080%	
50) Toluene-d8	10.439	98	1699799	50.973	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	12.727	95	575138	48.251	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.500%	
Target Compounds						
						Qvalue
16) Acetone	4.298	43	13330	2.396	ug/l #	88
19) Methyl tert-butyl Ether	5.604	73	12571	0.414	ug/l #	89
95) Naphthalene	15.509	128	5608	5.262	ug/l #	96

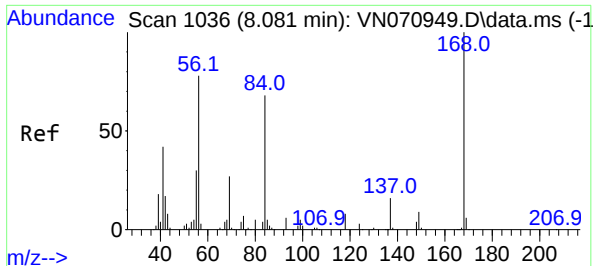
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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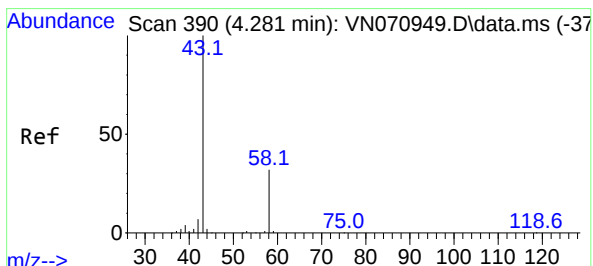
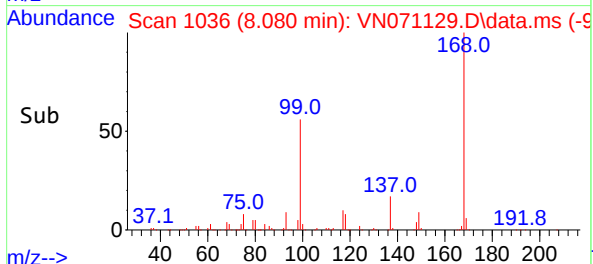
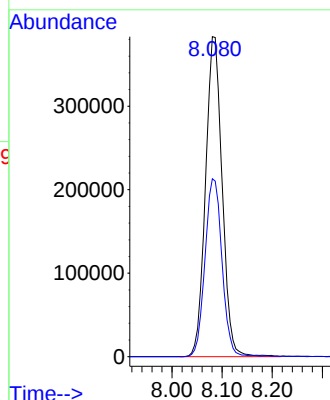
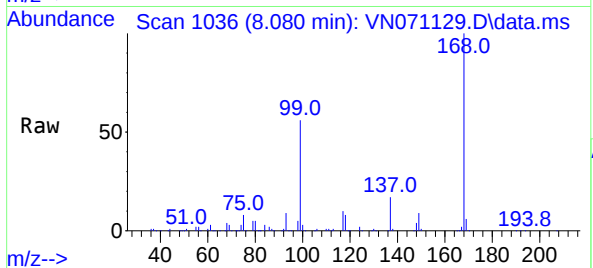




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071129.D
Acq: 01 Mar 2022 19:24

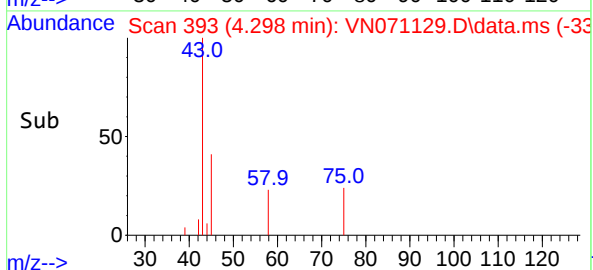
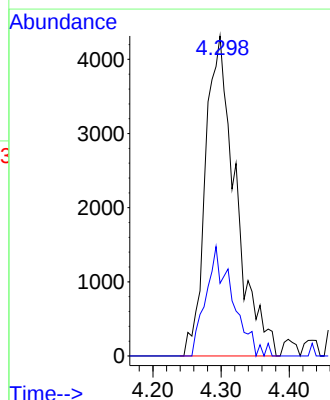
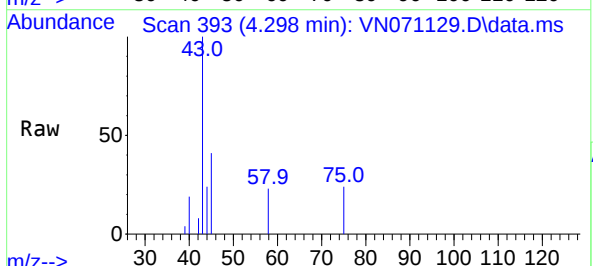
Instrument :
MSVOA_N
ClientSampleId :
MW-45

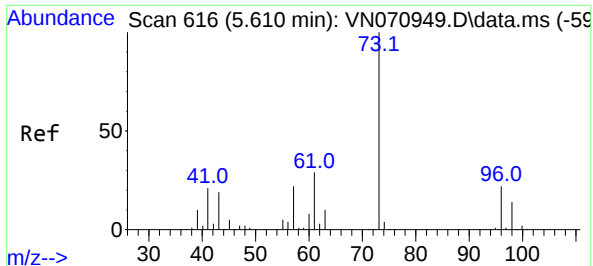
Tgt Ion:168 Resp: 884207
Ion Ratio Lower Upper
168 100
99 55.6 41.3 61.9



#16
Acetone
Concen: 2.396 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071129.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 43 Resp: 13330
Ion Ratio Lower Upper
43 100
58 22.7 23.1 34.7#





#19

Methyl tert-butyl Ether

Concen: 0.414 ug/l

RT: 5.604 min Scan# 616

Delta R.T. -0.006 min

Lab File: VN071129.D

Acq: 01 Mar 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

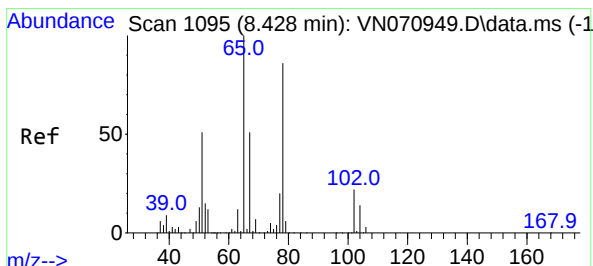
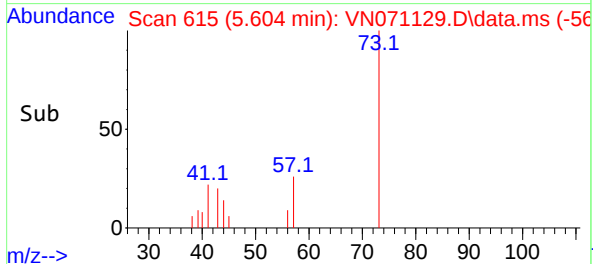
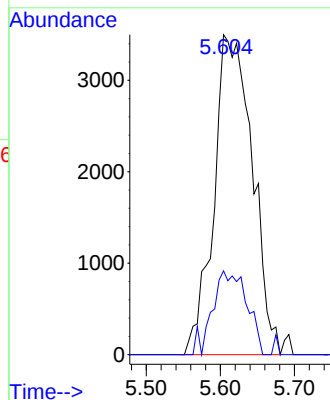
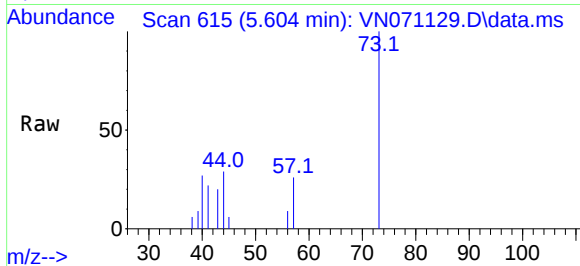
MW-45

Tgt Ion: 73 Resp: 12571

Ion Ratio Lower Upper

73 100

57 26.2 16.8 25.2#



#33

1,2-Dichloroethane-d4

Concen: 52.061 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN071129.D

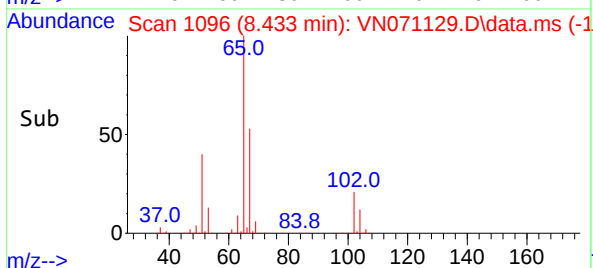
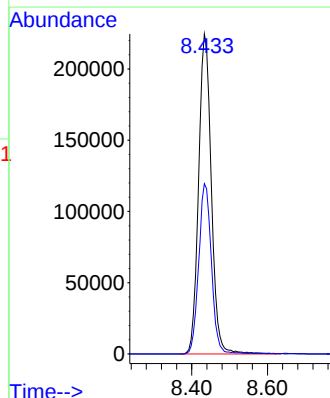
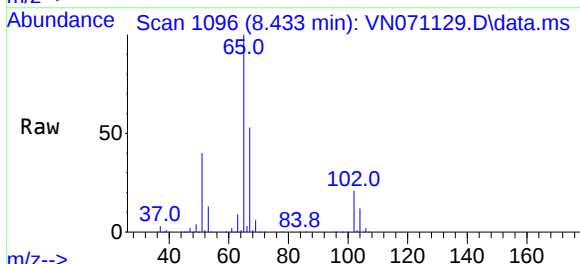
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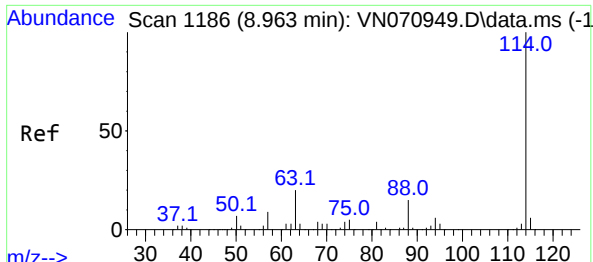
Tgt Ion: 65 Resp: 525838

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0



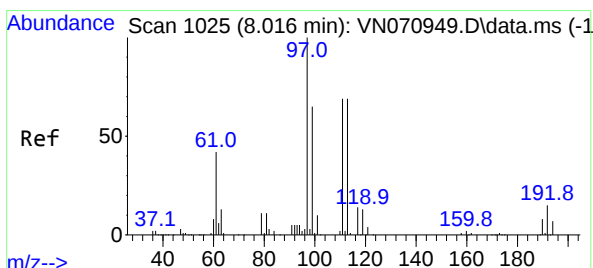
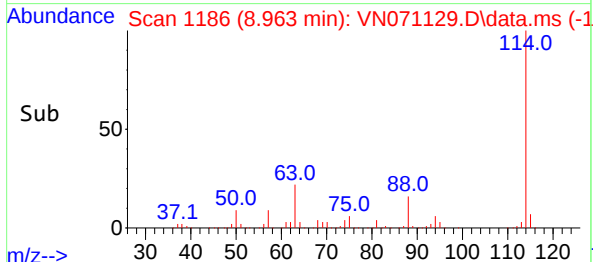
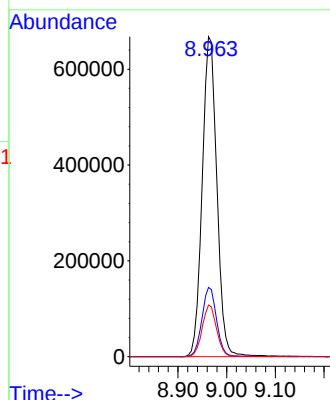
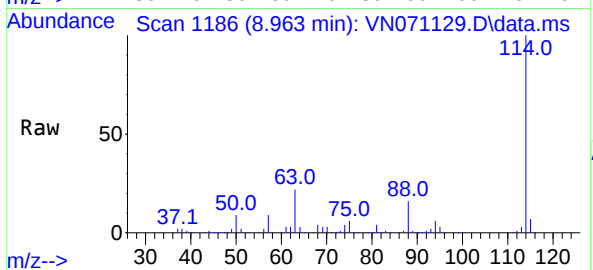


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071129.D
Acq: 01 Mar 2022 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-45

Tgt Ion:114 Resp: 1396059

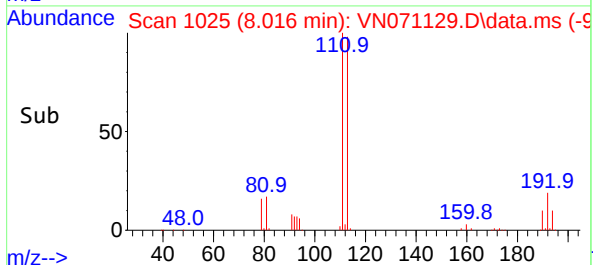
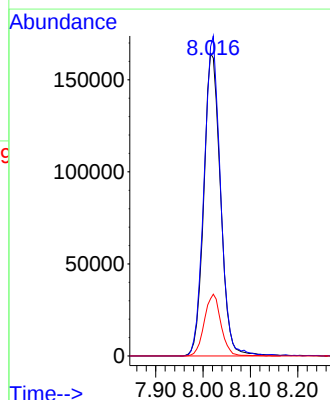
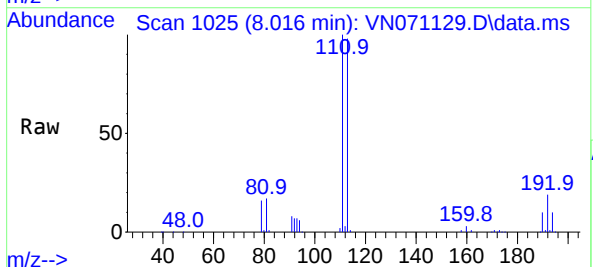
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	37.8
88	16.2	0.0	27.4

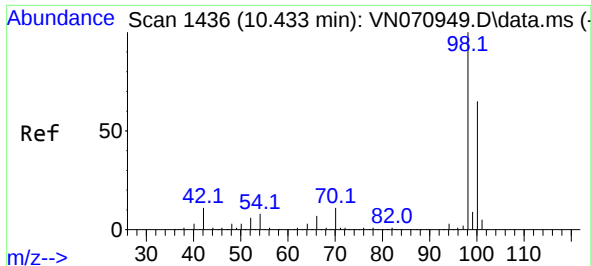


#35
Dibromofluoromethane
Concen: 48.536 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071129.D
Acq: 01 Mar 2022 19:24

Tgt Ion:113 Resp: 403031

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	20.3	16.9	25.3

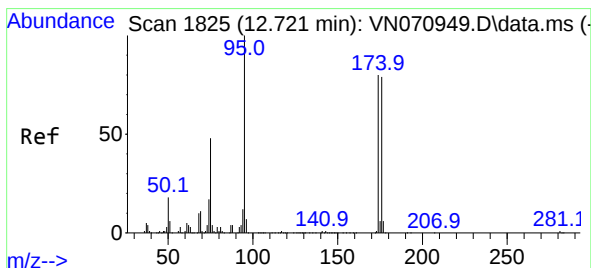
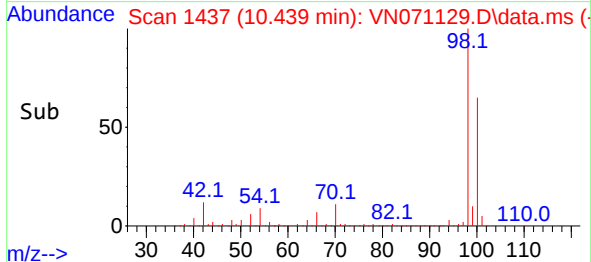
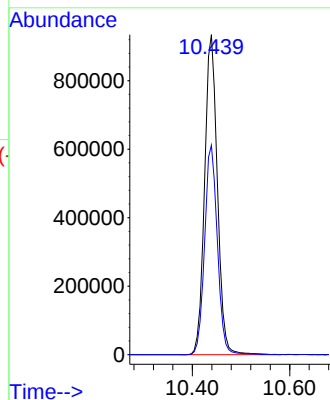
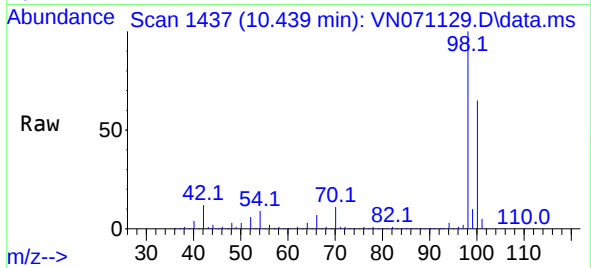




#50
Toluene-d8
Concen: 50.973 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071129.D
Acq: 01 Mar 2022 19:24

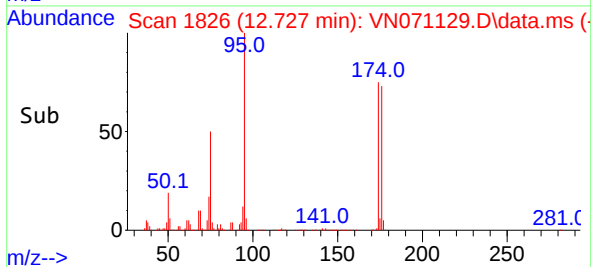
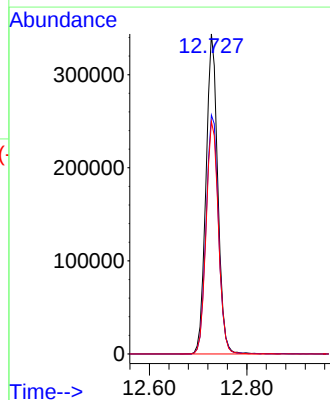
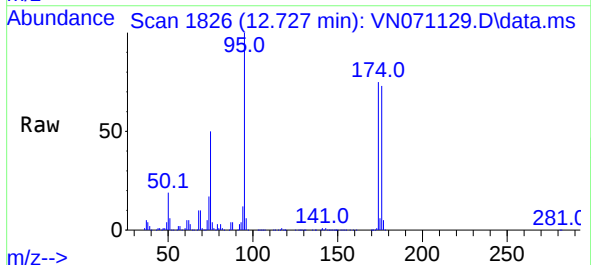
Instrument :
MSVOA_N
ClientSampleId :
MW-45

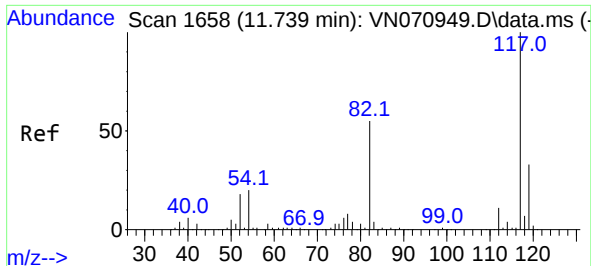
Tgt Ion: 98 Resp: 1699799
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 48.251 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071129.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 95 Resp: 575138
Ion Ratio Lower Upper
95 100
174 78.4 0.0 187.2
176 75.7 0.0 181.4

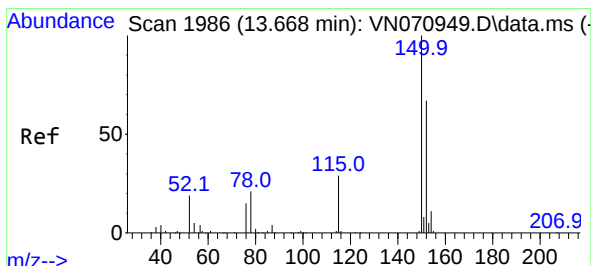
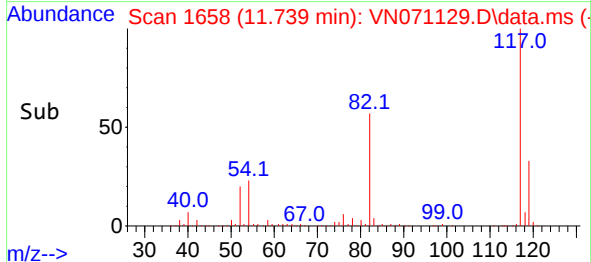
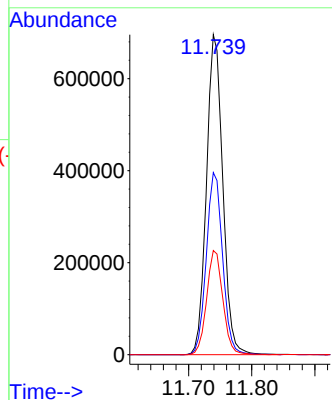
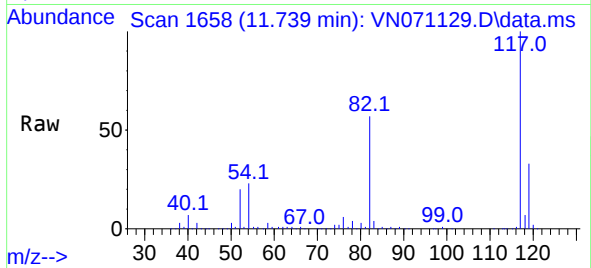




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071129.D
Acq: 01 Mar 2022 19:24

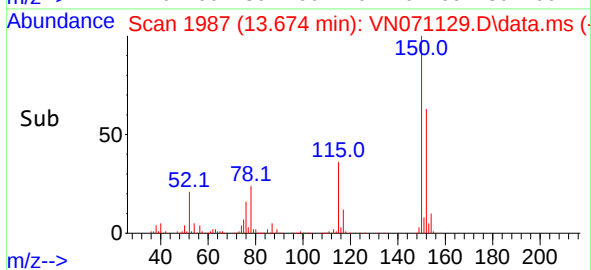
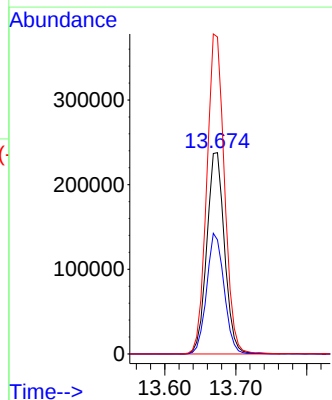
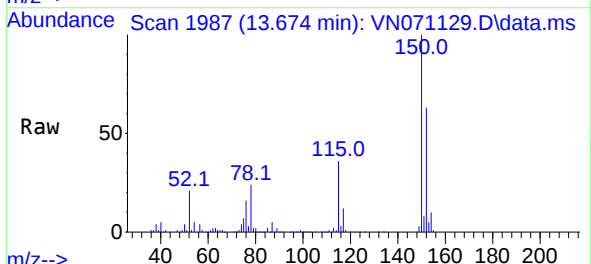
Instrument :
MSVOA_N
ClientSampleId :
MW-45

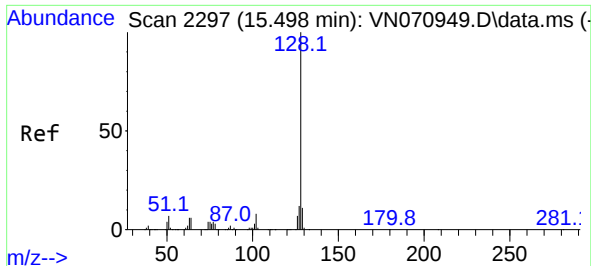
Tgt Ion:117 Resp: 1248745
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071129.D
Acq: 01 Mar 2022 19:24

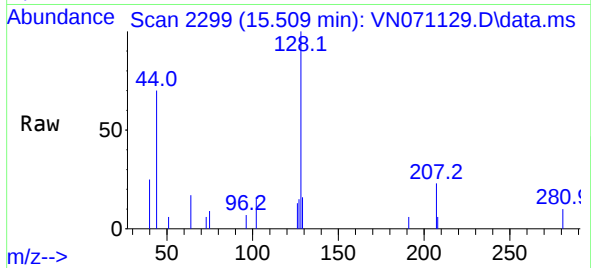
Tgt Ion:152 Resp: 413822
Ion Ratio Lower Upper
152 100
115 59.0 27.5 82.5
150 158.6 0.0 344.4





#95
Naphthalene
Concen: 5.262 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071129.D
Acq: 01 Mar 2022 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-45



Tgt Ion:128 Resp: 5608
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 13.7 8.7 13.1#

