

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073219.D
 Acq On : 29 Jun 2022 00:16
 Operator : JC\MD
 Sample : N3409-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB061622

Quant Time: Jun 29 02:05:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

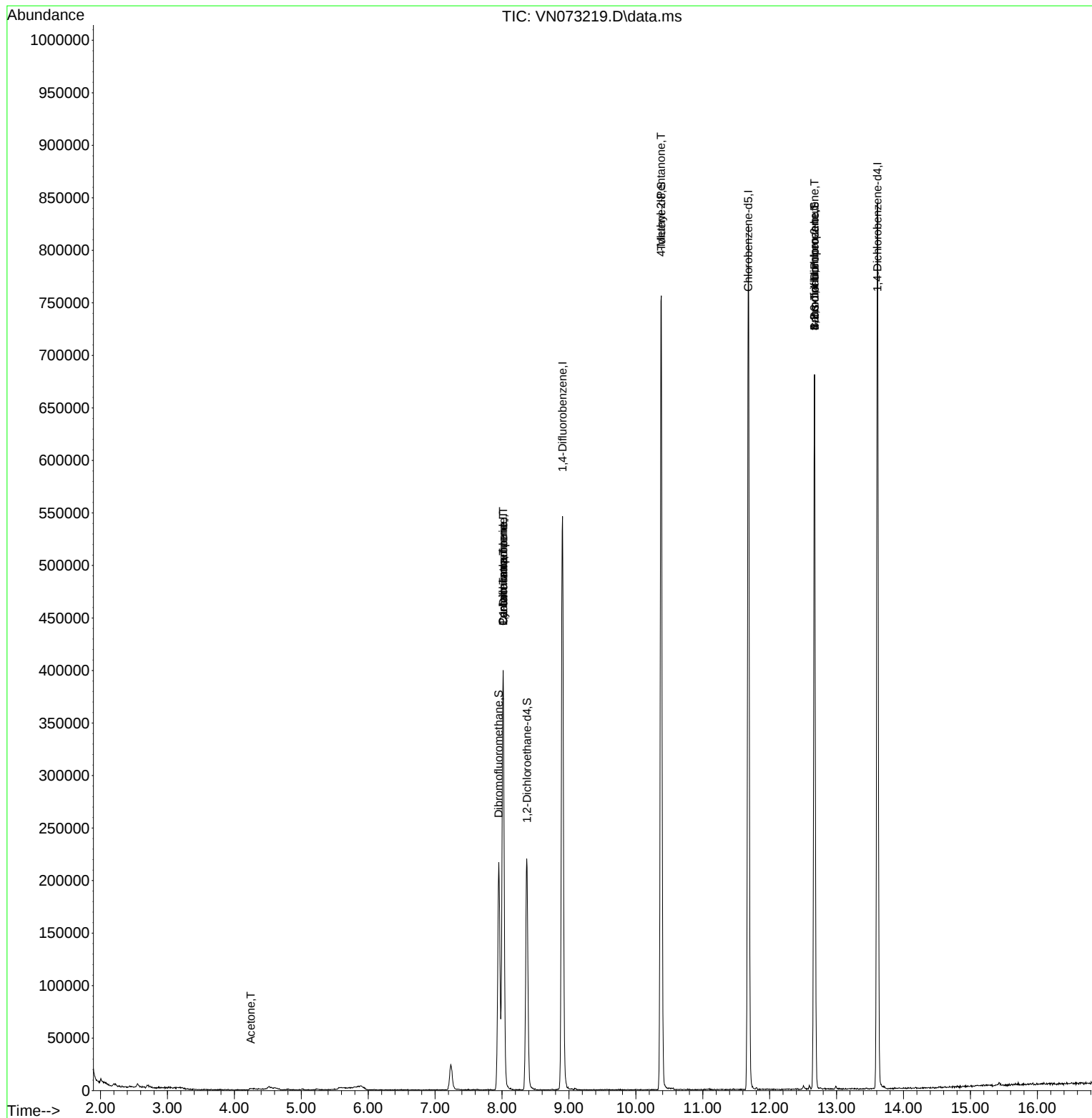
Internal Standards						
1) Pentafluorobenzene	8.016	168	298723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	493159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	461991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	226413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	185948	43.119	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.240%
35) Dibromofluoromethane	7.951	113	157561	48.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	10.381	98	522604	44.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.700%
62) 4-Bromofluorobenzene	12.669	95	234994	52.474	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.940%
Target Compounds						
					Qvalue	
16) Acetone	4.246	43	2343	0.968	ug/l #	82
31) Cyclohexane	8.016	56	6999	0.991	ug/l #	19
36) 1,1-Dichloropropene	8.016	75	23568	4.668	ug/l #	50
38) Carbon Tetrachloride	8.016	117	30163	5.777	ug/l #	16
51) 4-Methyl-2-Pentanone	10.375	43	2536	0.365	ug/l #	1
71) Bromoform	12.669	173	1770	0.629	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	122743	20.733	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	122743	56.859	ug/l #	10

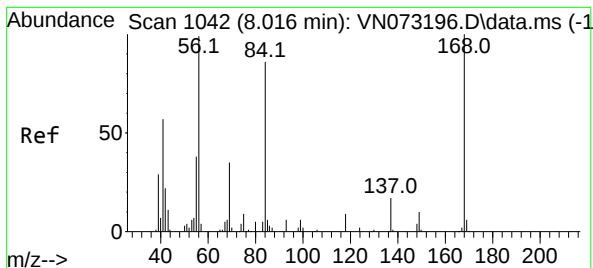
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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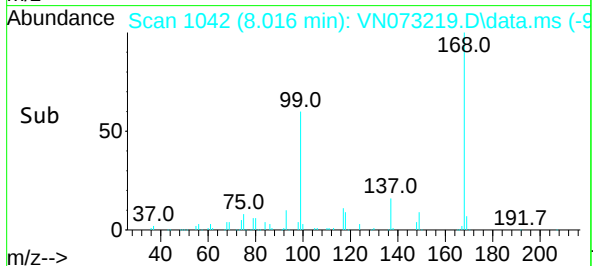
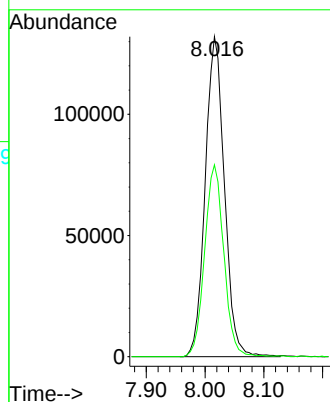
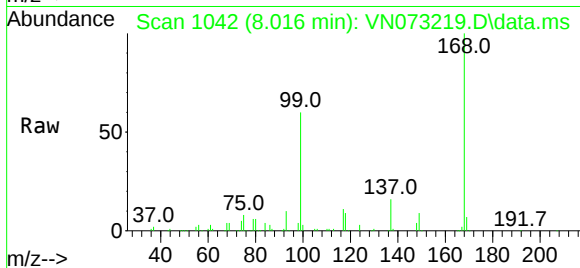




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

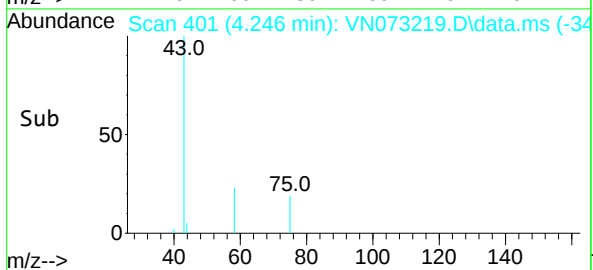
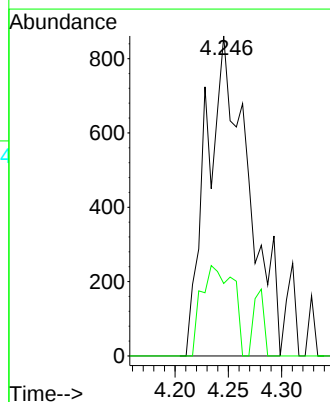
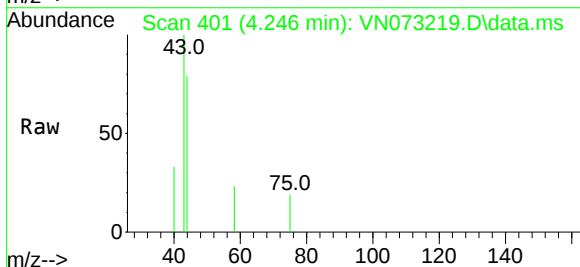
Instrument :
MSVOA_N
ClientSampleId :
FB061622

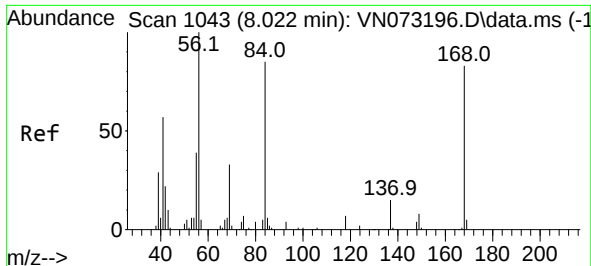
Tgt Ion:168 Resp: 298723
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#16
Acetone
Concen: 0.968 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

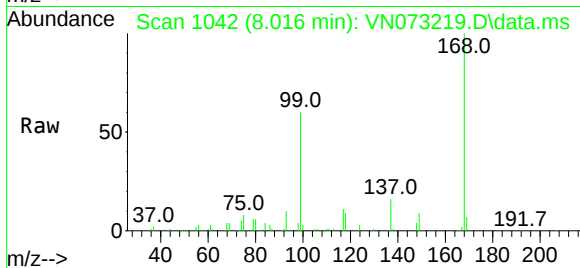
Tgt Ion: 43 Resp: 2343
Ion Ratio Lower Upper
43 100
58 22.6 26.0 39.0#



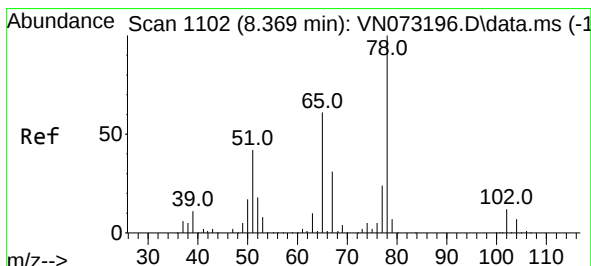
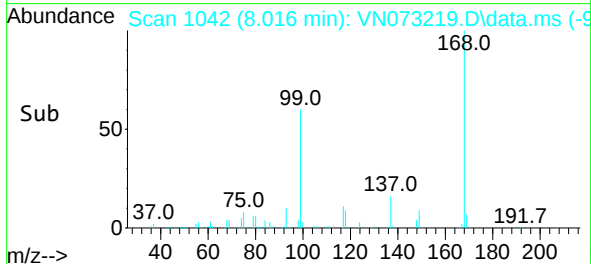
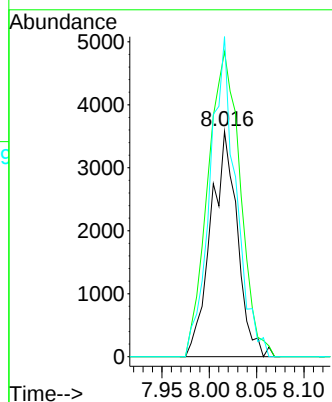


#31
Cyclohexane
Concen: 0.991 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Instrument :
MSVOA_N
ClientSampleId :
FB061622

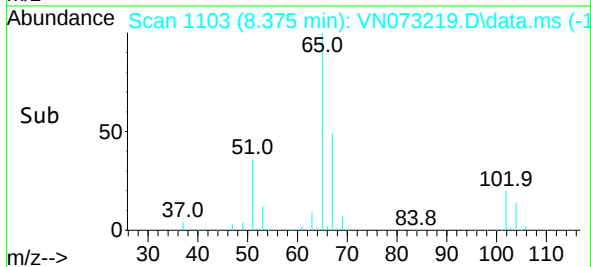
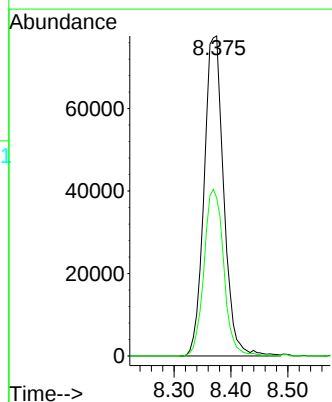
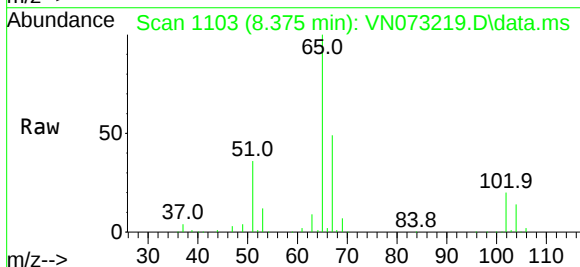


Tgt Ion: 56 Resp: 6999
Ion Ratio Lower Upper
56 100
69 135.3 27.8 41.8#
84 142.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.119 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Tgt Ion: 65 Resp: 185948
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

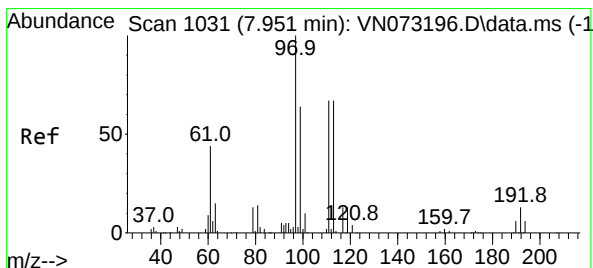
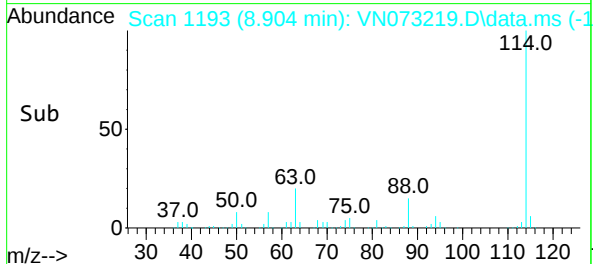
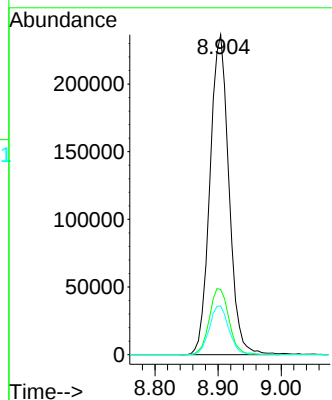
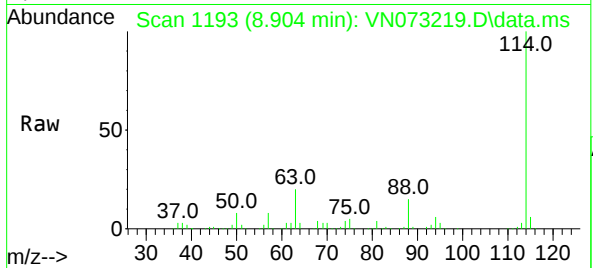




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

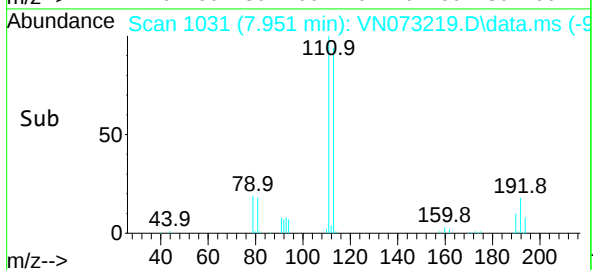
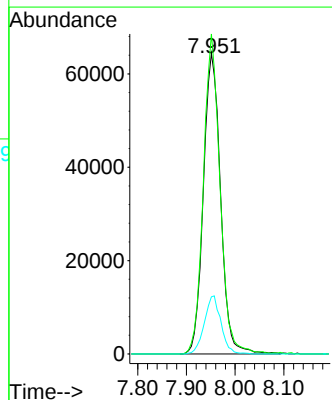
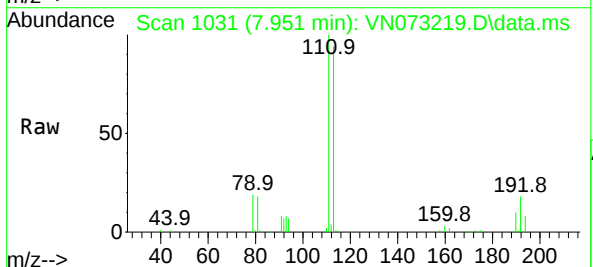
Instrument :
MSVOA_N
ClientSampleId :
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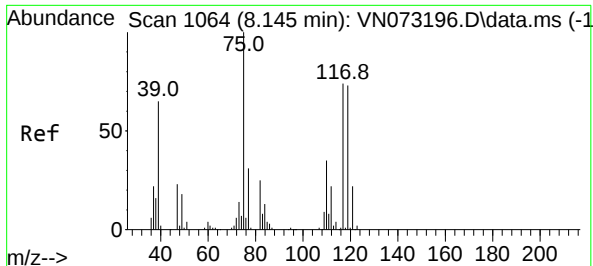
Tgt Ion:114 Resp: 493159
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.021 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Tgt Ion:113 Resp: 157561
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 18.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.668 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073219.D

Acq: 29 Jun 2022 00:16

Instrument :

MSVOA_N

ClientSampleId :

FB061622

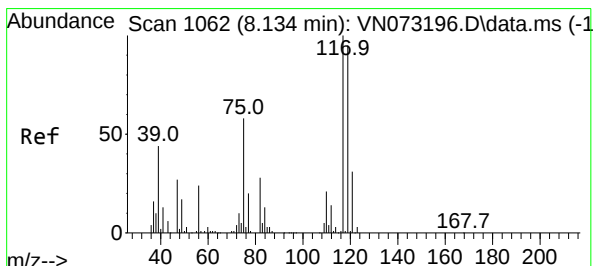
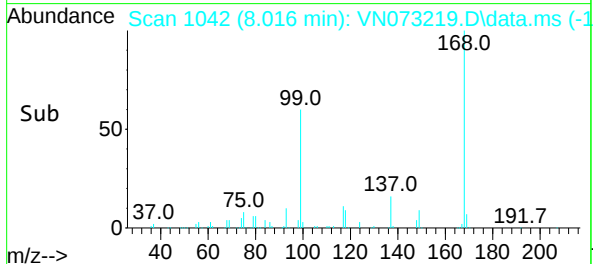
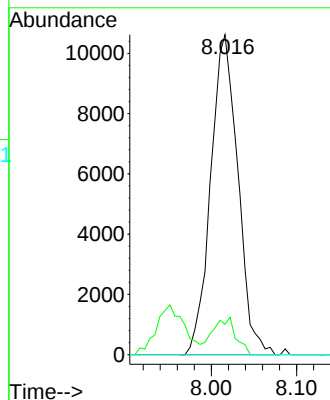
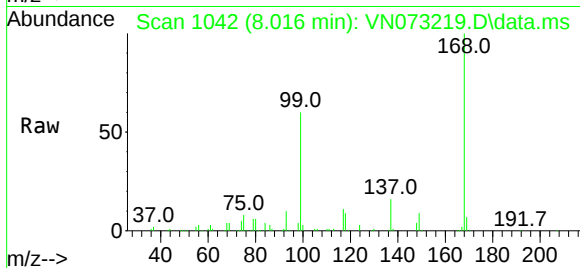
Tgt Ion: 75 Resp: 23568

Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.777 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073219.D

Acq: 29 Jun 2022 00:16

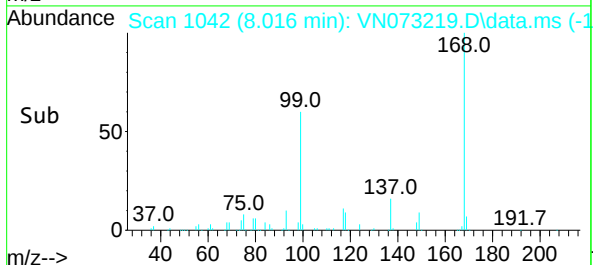
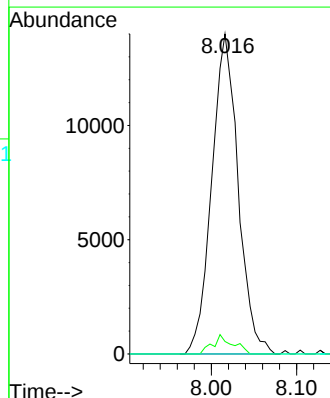
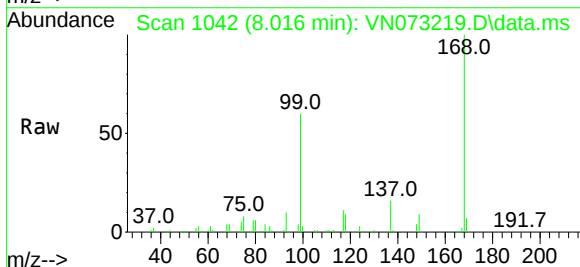
Tgt Ion: 117 Resp: 30163

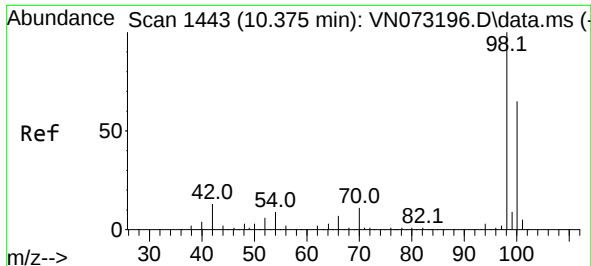
Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.8#

121 0.0 24.6 37.0#

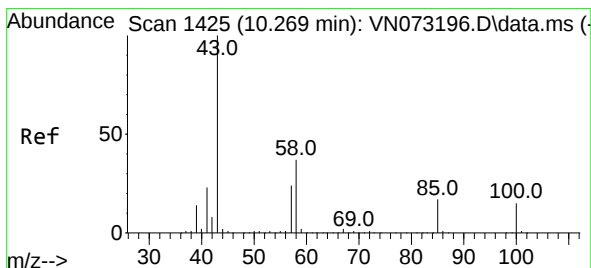
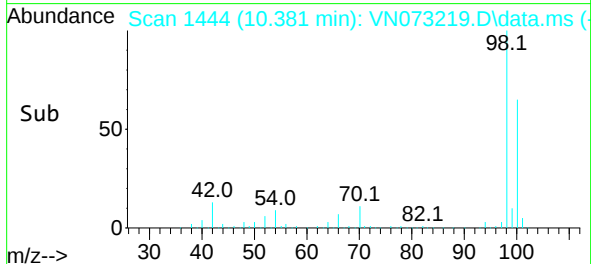
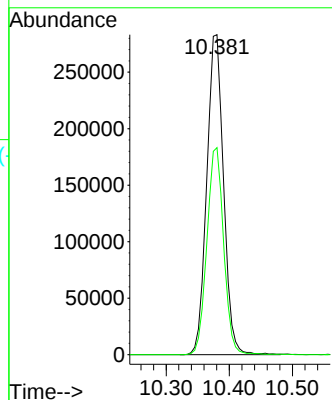
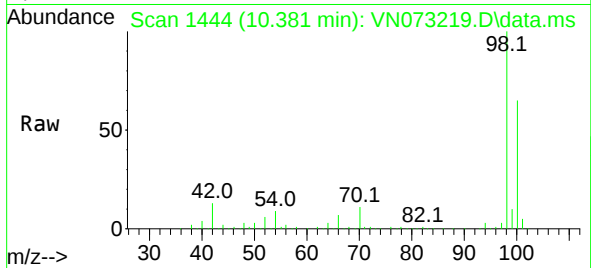




#50
Toluene-d8
Concen: 44.846 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

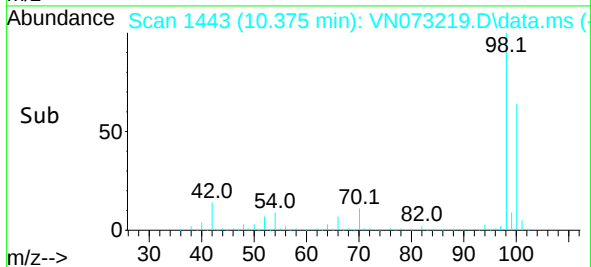
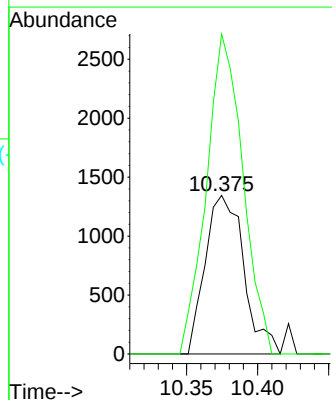
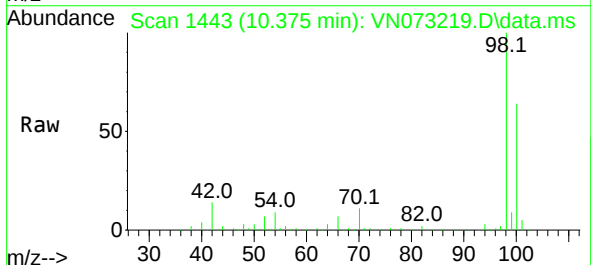
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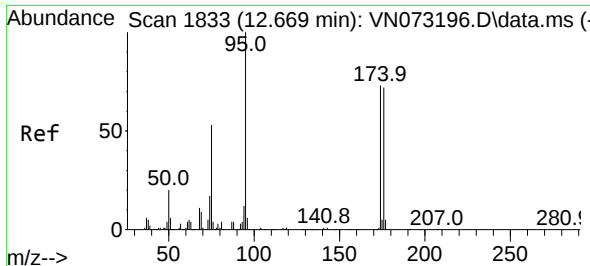
Tgt Ion: 98 Resp: 522604
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.365 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.106 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
58 191.0 34.1 51.1#

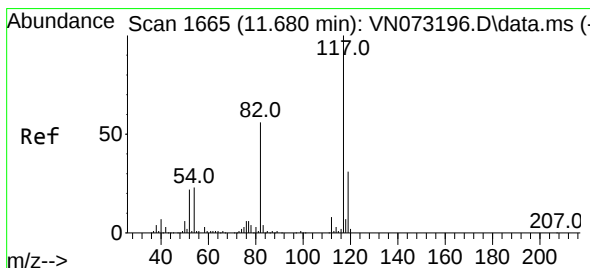
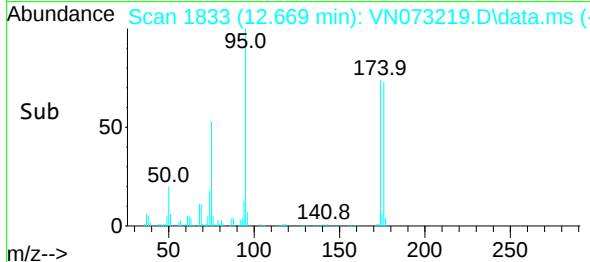
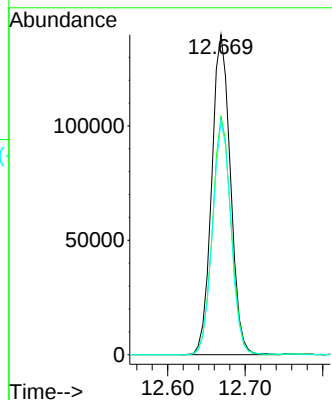
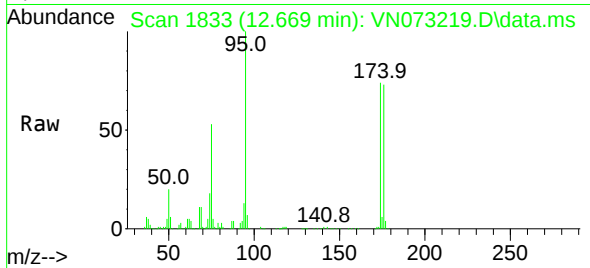




#62
4-Bromofluorobenzene
Concen: 52.474 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

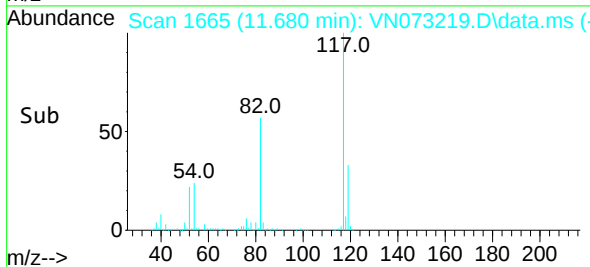
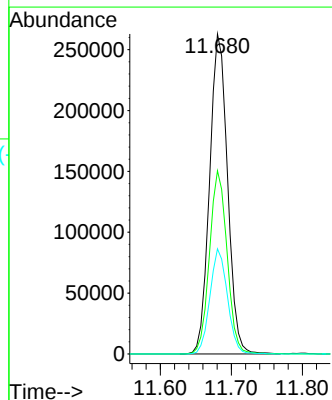
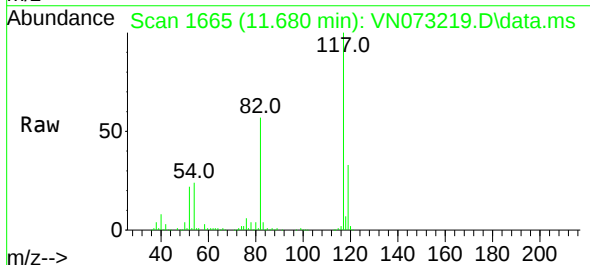
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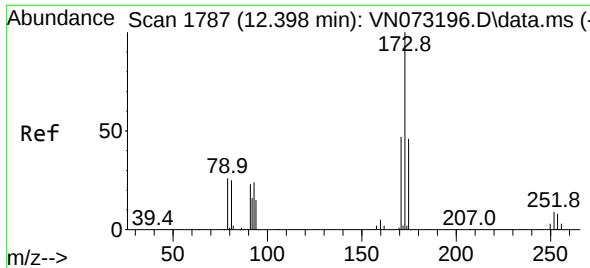
Tgt Ion: 95 Resp: 234994
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 72.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Tgt Ion: 117 Resp: 461991
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.9 25.4 38.0

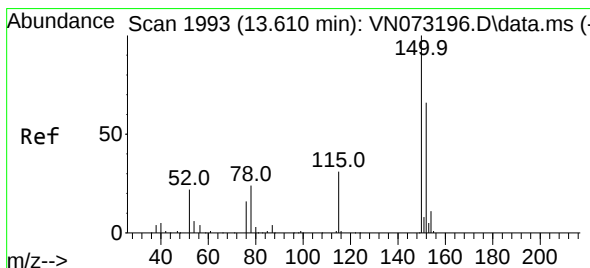
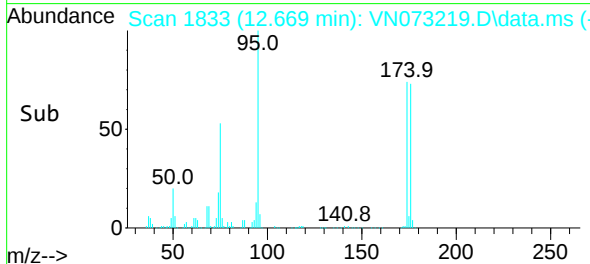
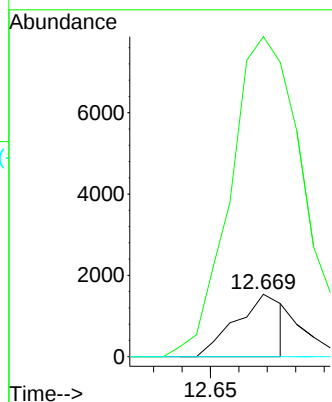
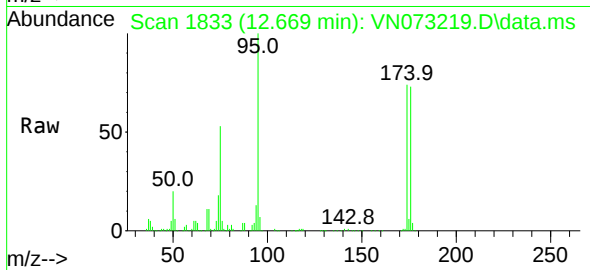




#71
Bromoform
Concen: 0.629 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

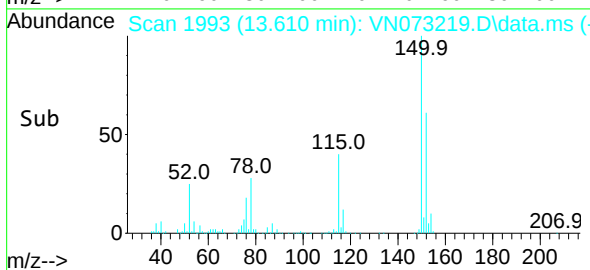
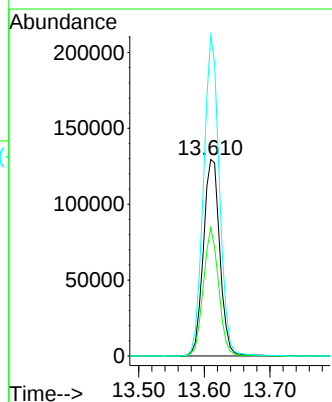
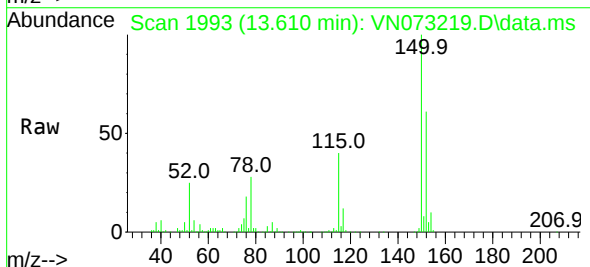
Instrument :
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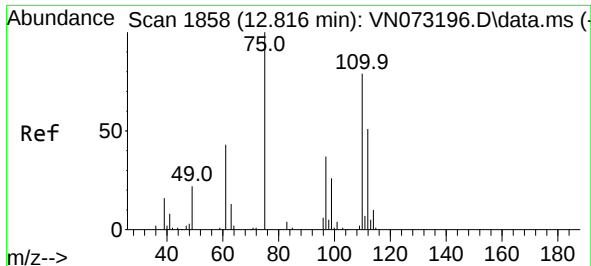
Tgt Ion:173 Resp: 1770
Ion Ratio Lower Upper
173 100
175 582.3 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Tgt Ion:152 Resp: 226413
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 156.4 0.0 356.2

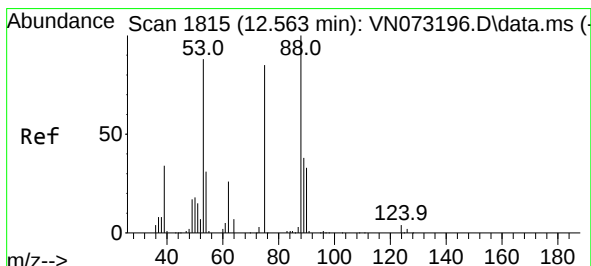
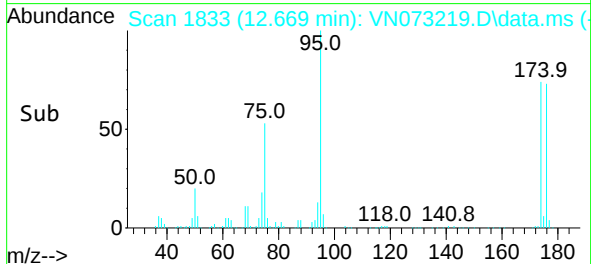
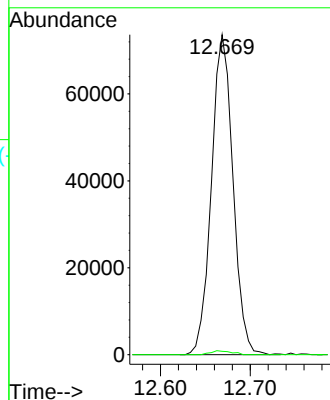
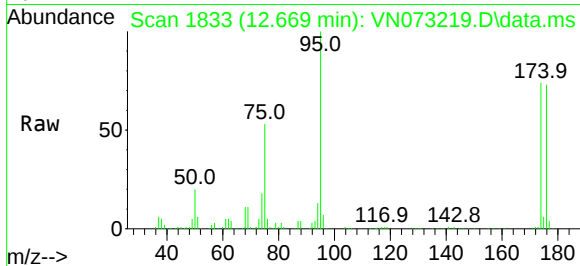




#76
1,2,3-Trichloropropane
Concen: 20.733 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Instrument :
MSVOA_N
ClientSampleId :
FB061622

Tgt Ion: 75 Resp: 122743
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.859 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Tgt Ion: 75 Resp: 122743
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

