

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073218.D
 Acq On : 28 Jun 2022 23:52
 Operator : JC\MD
 Sample : N3409-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 02:04:58 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)

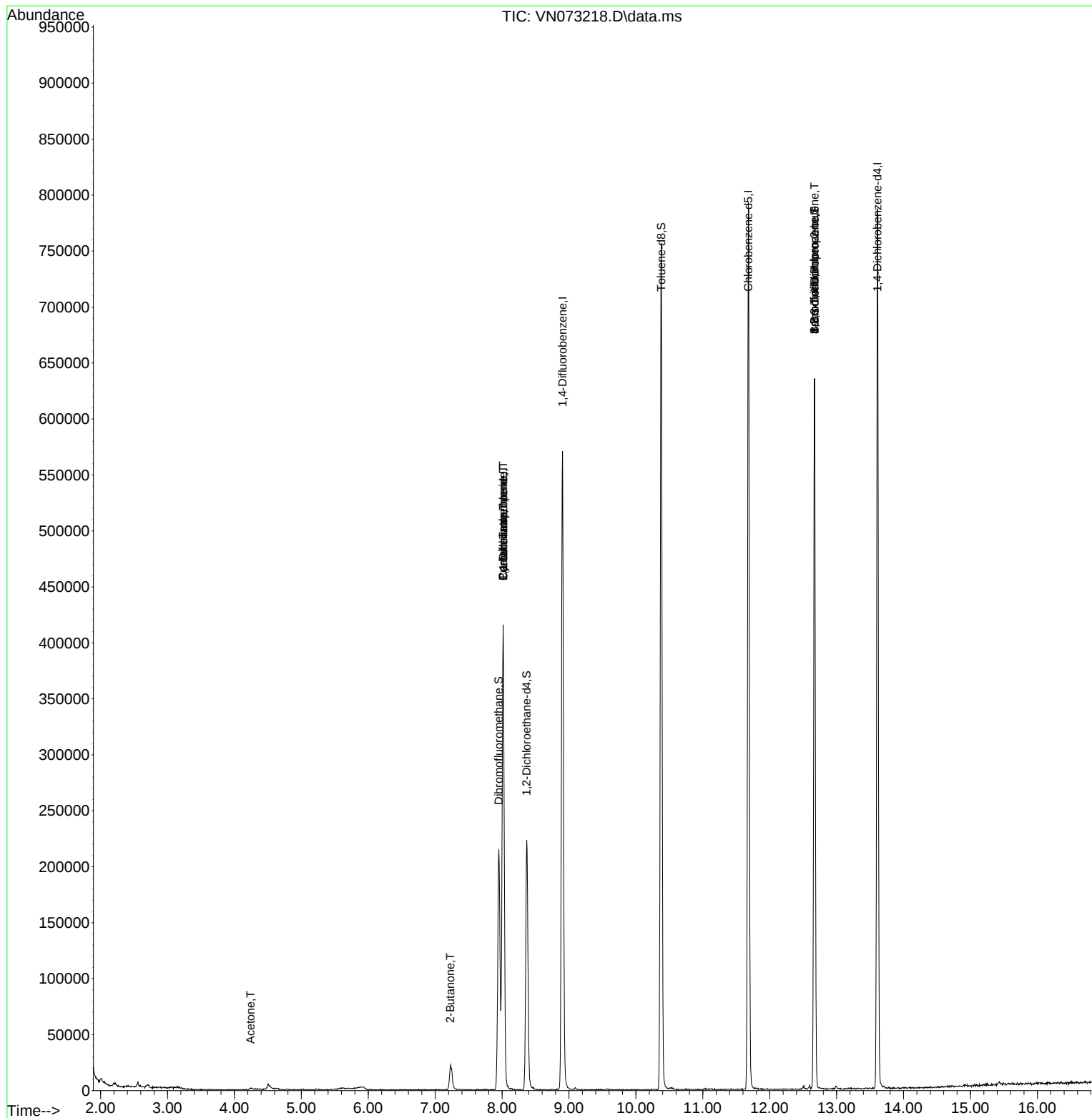
Internal Standards						
1) Pentafluorobenzene	8.016	168	308094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	505257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	454448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	210684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	190770	42.892	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.780%
35) Dibromofluoromethane	7.951	113	158194	47.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	10.380	98	526282	44.081	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.160%
62) 4-Bromofluorobenzene	12.668	95	224672	48.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%
Target Compounds						
					Qvalue	
16) Acetone	4.240	43	1772	0.710	ug/l	90
25) 2-Butanone	7.228	43	1270	0.320	ug/l #	45
31) Cyclohexane	8.016	56	7132	0.979	ug/l #	20
36) 1,1-Dichloropropene	8.016	75	26068	5.040	ug/l #	49
38) Carbon Tetrachloride	8.016	117	32268	6.033	ug/l #	16
71) Bromoform	12.668	173	1870	0.676	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	116425	21.134	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	116425	57.958	ug/l #	10

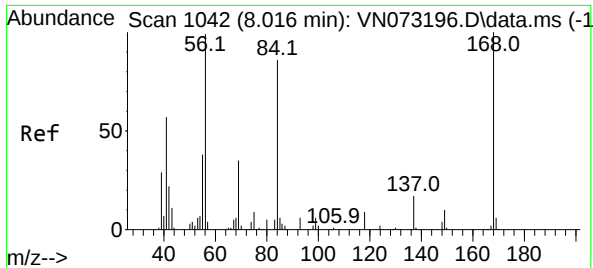
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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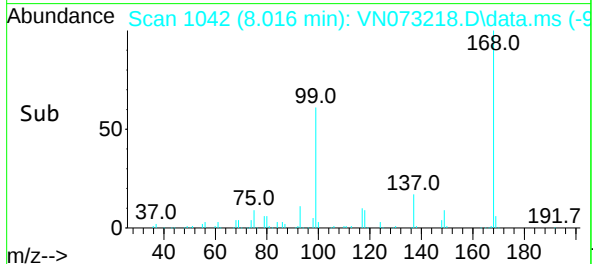
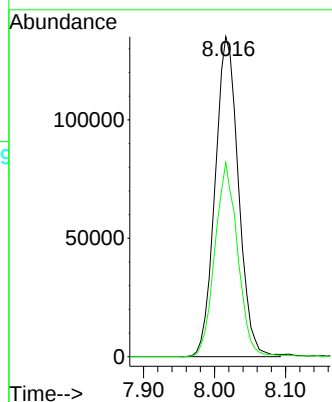
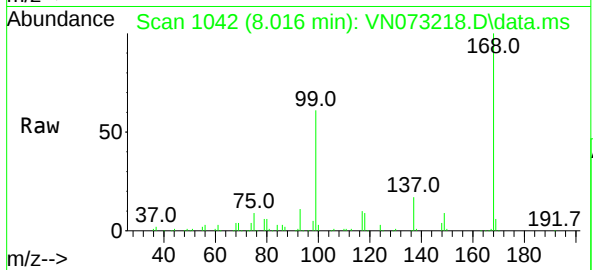




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

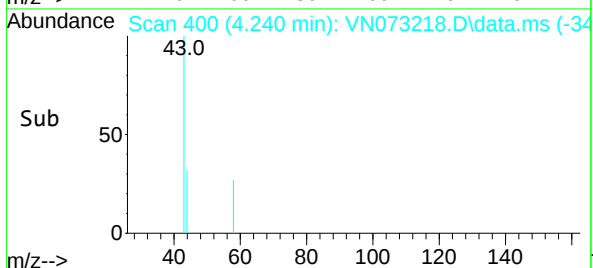
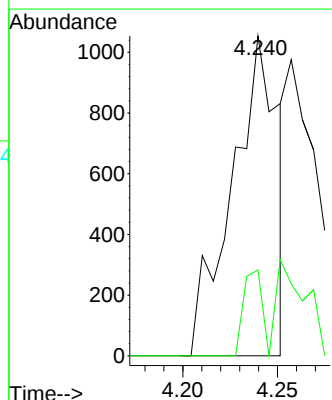
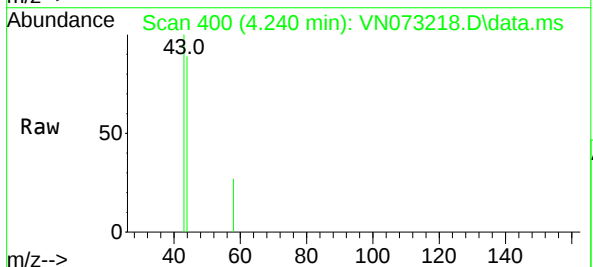
Instrument :
MSVOA_N
ClientSampleId :

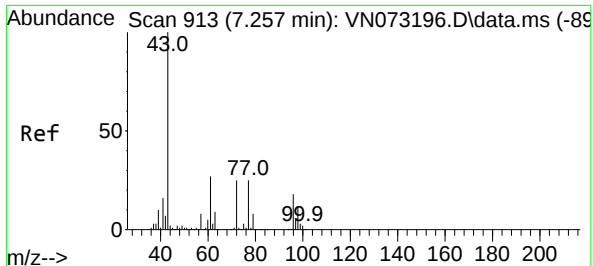
Tgt Ion:168 Resp: 308094
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#16
Acetone
Concen: 0.710 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

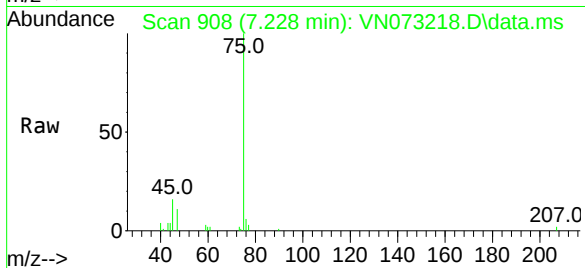
Tgt Ion: 43 Resp: 1772
Ion Ratio Lower Upper
43 100
58 26.9 26.0 39.0



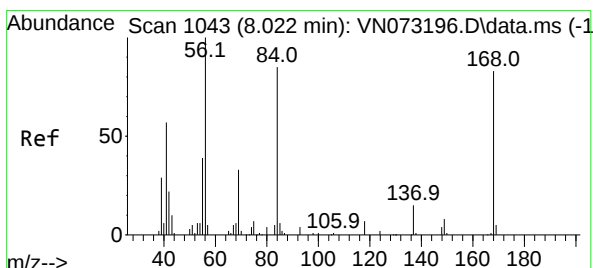
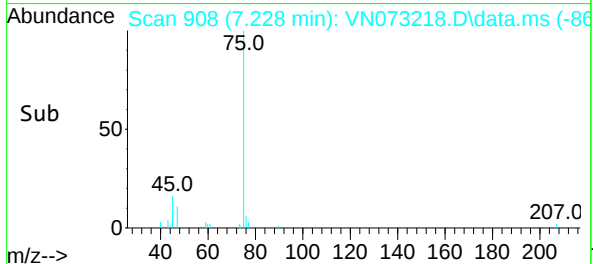
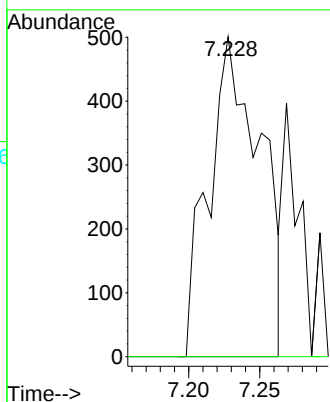


#25
2-Butanone
Concen: 0.320 ug/l
RT: 7.228 min Scan# 90
Delta R.T. -0.029 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

Instrument :
MSVOA_N
ClientSampleId :

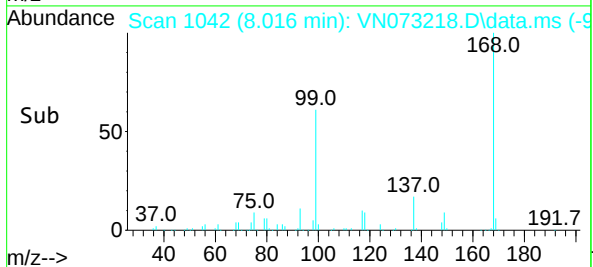
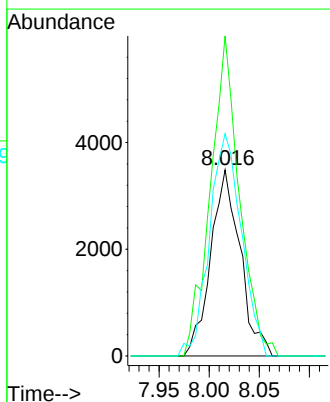
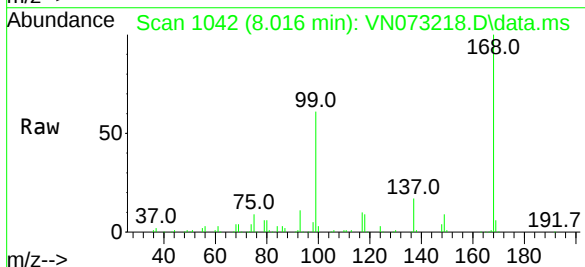


Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 0.979 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

Tgt Ion: 56 Resp: 7132
Ion Ratio Lower Upper
56 100
69 171.9 27.8 41.8#
84 119.4 76.9 115.3#

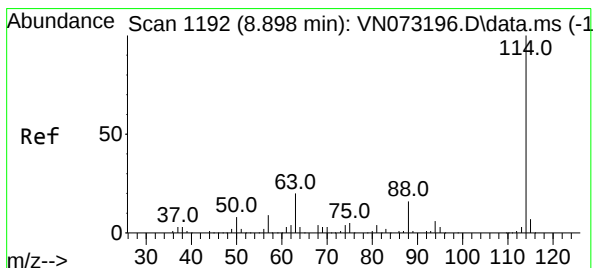
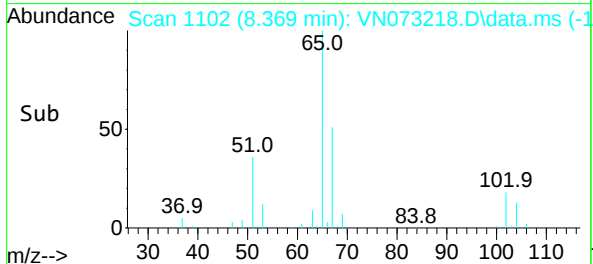
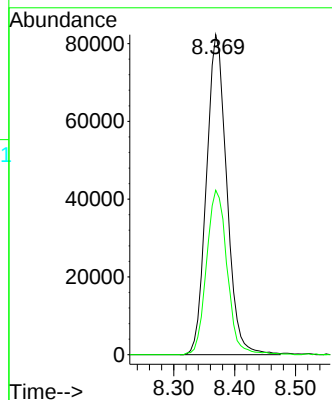
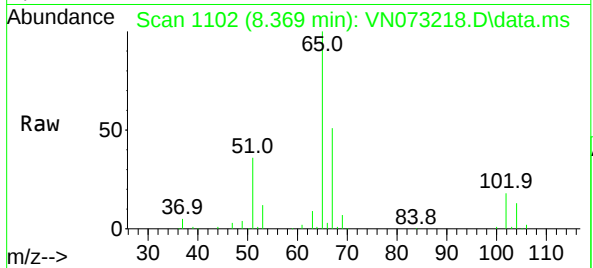




#33
1,2-Dichloroethane-d4
Concen: 42.892 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

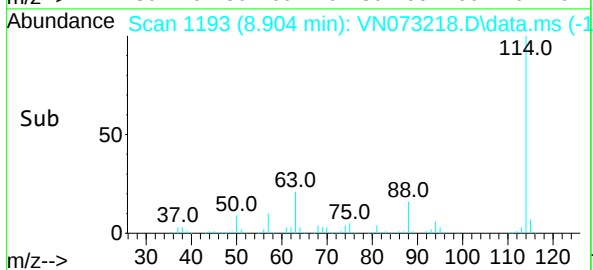
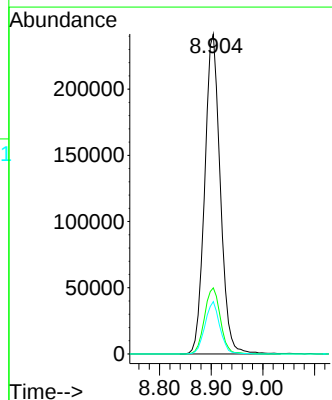
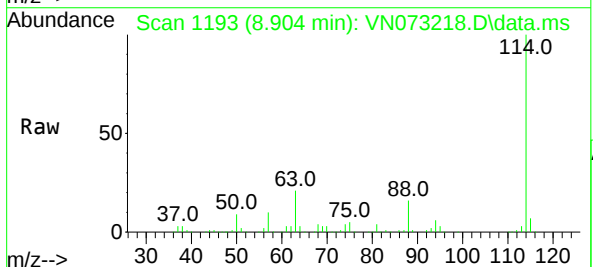
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 190770
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: VN073218.D
Acq: 28 Jun 2022 23:52

Tgt Ion: 114 Resp: 505257
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.060 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

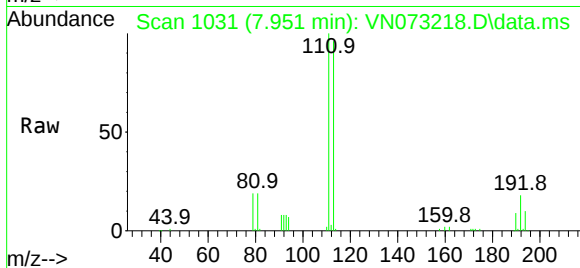
Lab File: VN073218.D

Acq: 28 Jun 2022 23:52

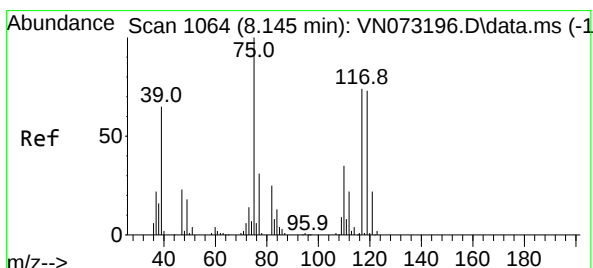
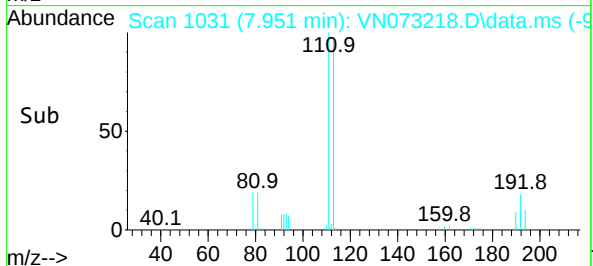
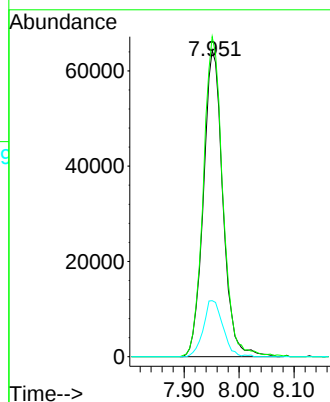
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	158194
Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.4	122.0
192	18.2	17.0	25.6



#36

1,1-Dichloropropene

Concen: 5.040 ug/l

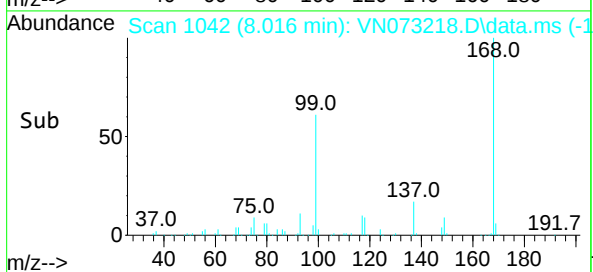
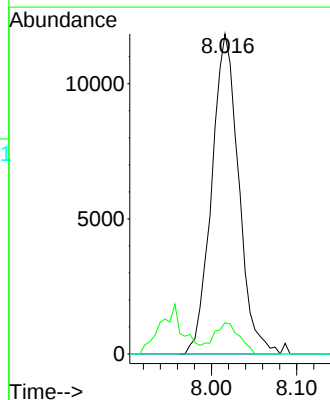
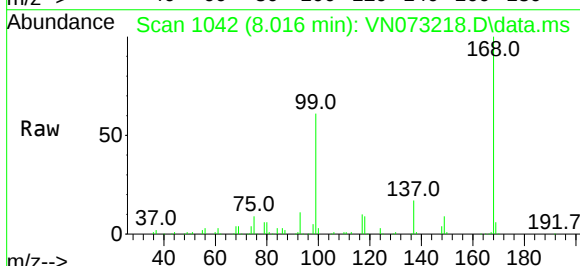
RT: 8.016 min Scan# 1042

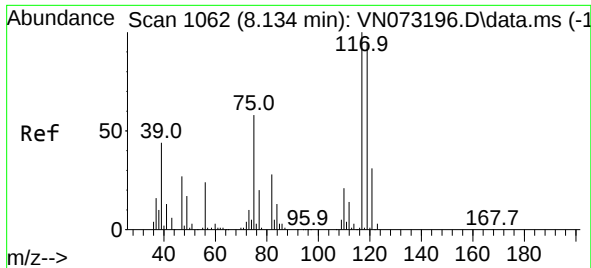
Delta R.T. -0.129 min

Lab File: VN073218.D

Acq: 28 Jun 2022 23:52

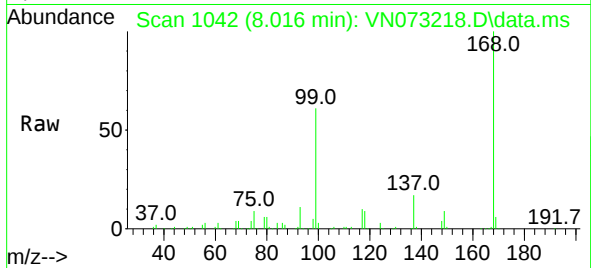
Tgt Ion:	75	Resp:	26068
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.3	54.8#
77	0.0	25.1	37.7#



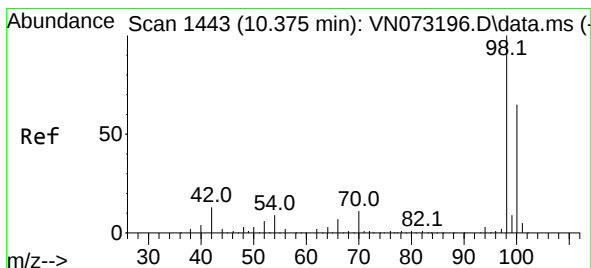
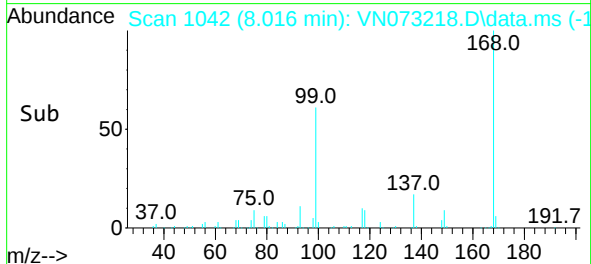
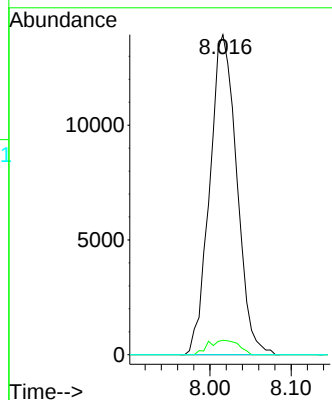


#38
Carbon Tetrachloride
Concen: 6.033 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

Instrument :
MSVOA_N
ClientSampleId :

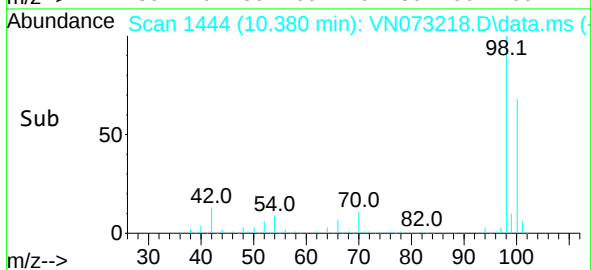
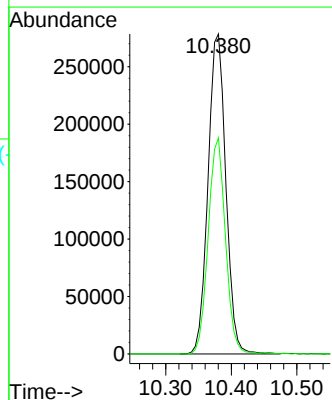
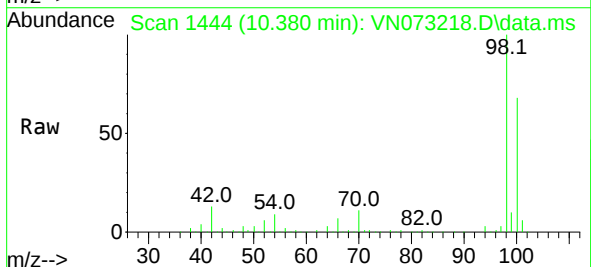


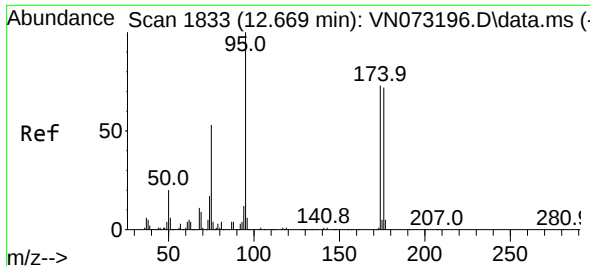
Tgt Ion:117 Resp: 32268
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.081 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

Tgt Ion: 98 Resp: 526282
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

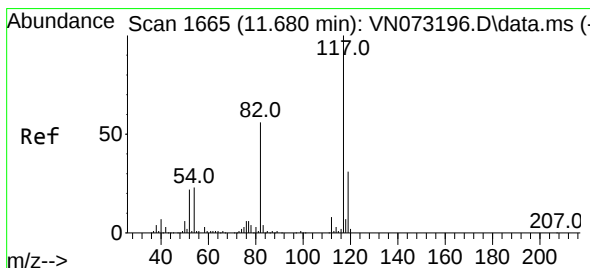
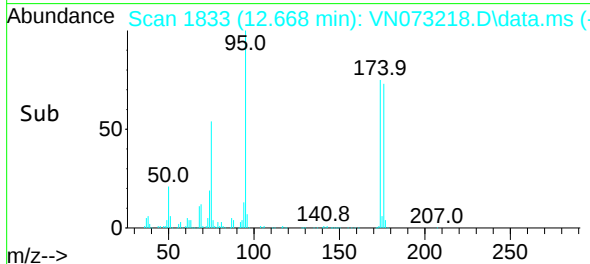
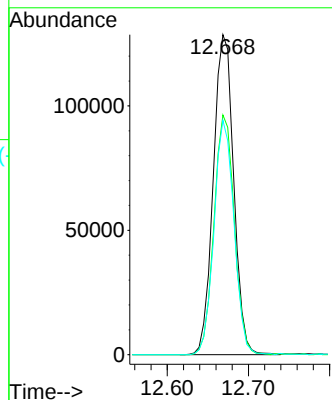
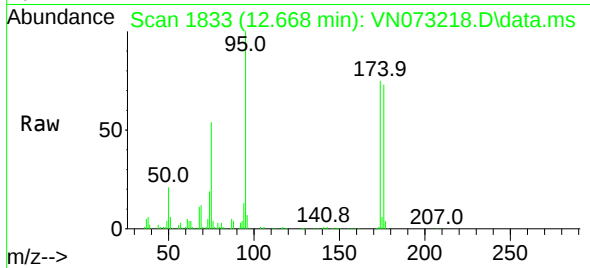




#62
4-Bromofluorobenzene
Concen: 48.968 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

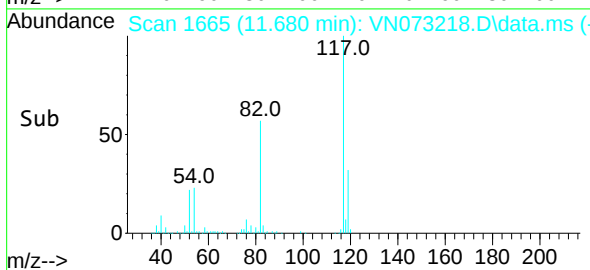
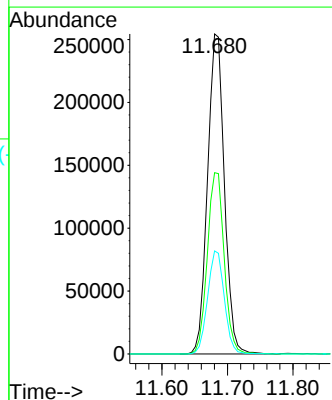
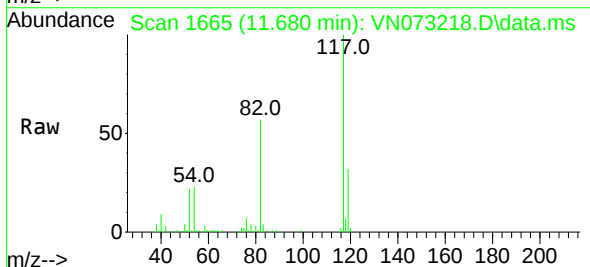
Instrument :
MSVOA_N
ClientSampleId :

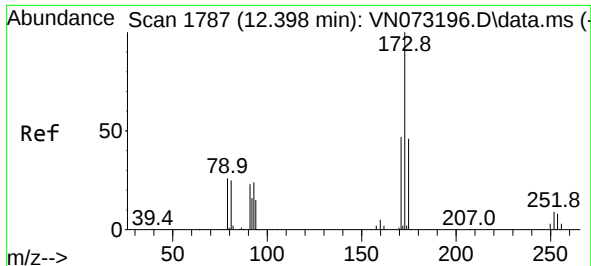
Tgt Ion: 95 Resp: 224672
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 71.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

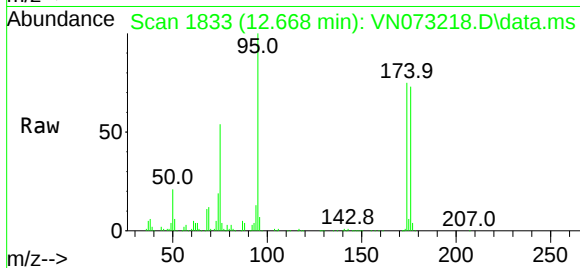
Tgt Ion: 117 Resp: 454448
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.2 25.4 38.0



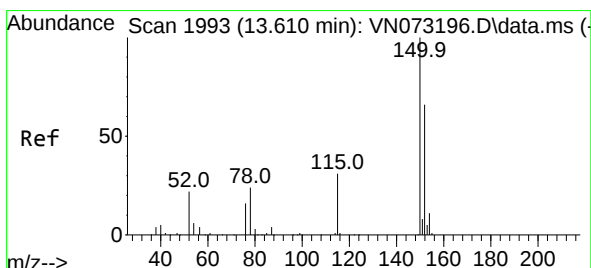
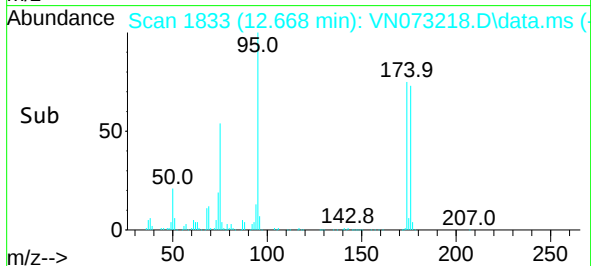
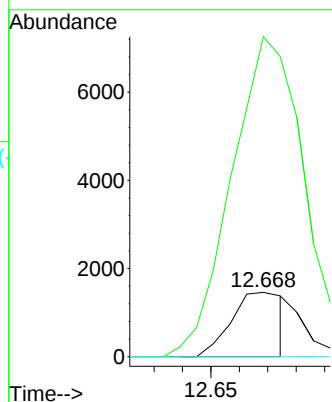


#71
Bromoform
Concen: 0.676 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

Instrument :
MSVOA_N
ClientSampleId :

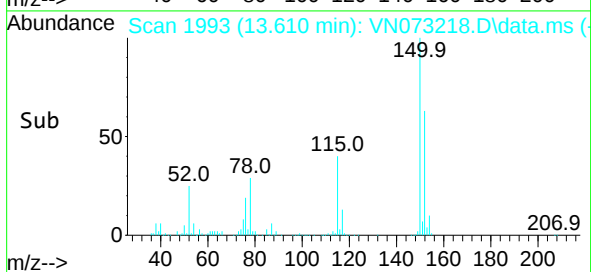
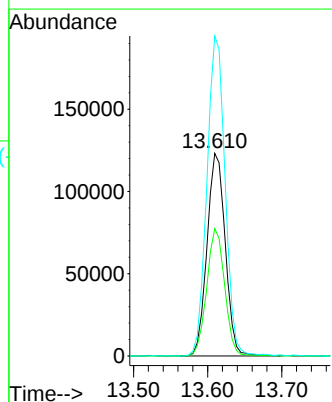
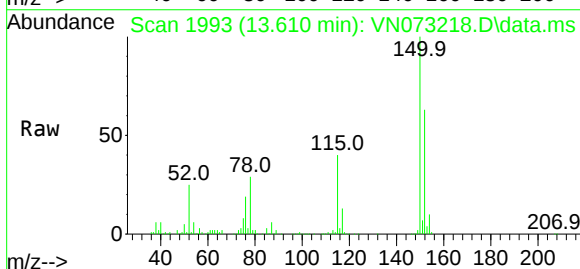


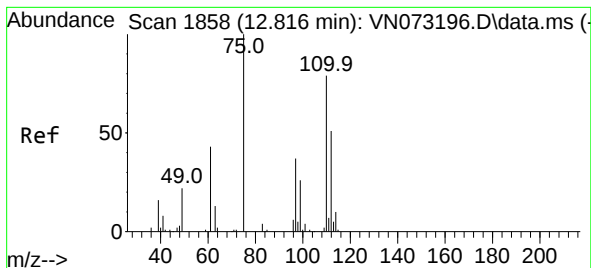
Tgt Ion:173 Resp: 1870
Ion Ratio Lower Upper
173 100
175 501.6 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073218.D
Acq: 28 Jun 2022 23:52

Tgt Ion:152 Resp: 210684
Ion Ratio Lower Upper
152 100
115 61.7 28.9 86.7
150 157.1 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 21.134 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.148 min

Lab File: VN073218.D

Acq: 28 Jun 2022 23:52

Instrument :

MSVOA_N

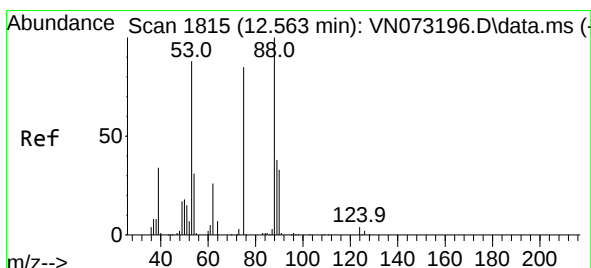
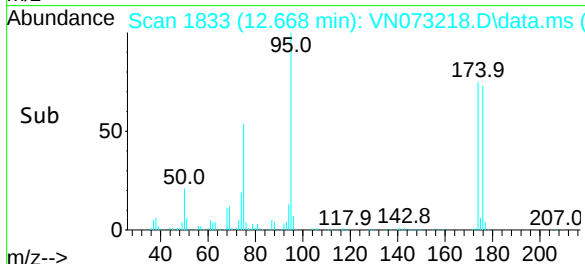
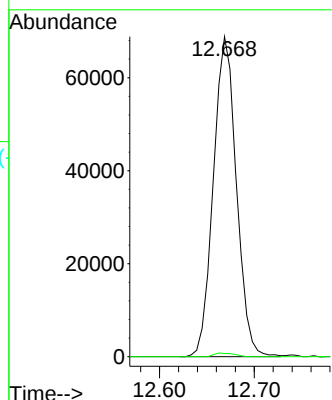
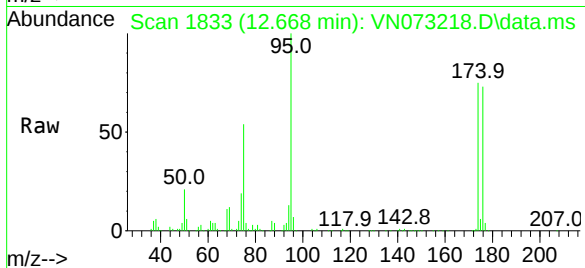
ClientSampleId :

Tgt Ion: 75 Resp: 116425

Ion Ratio Lower Upper

75 100

77 1.0 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.958 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.105 min

Lab File: VN073218.D

Acq: 28 Jun 2022 23:52

Tgt Ion: 75 Resp: 116425

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

