

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073268.D
 Acq On : 30 Jun 2022 16:13
 Operator : JC\MD
 Sample : N3554-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 01 08:08:13 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)

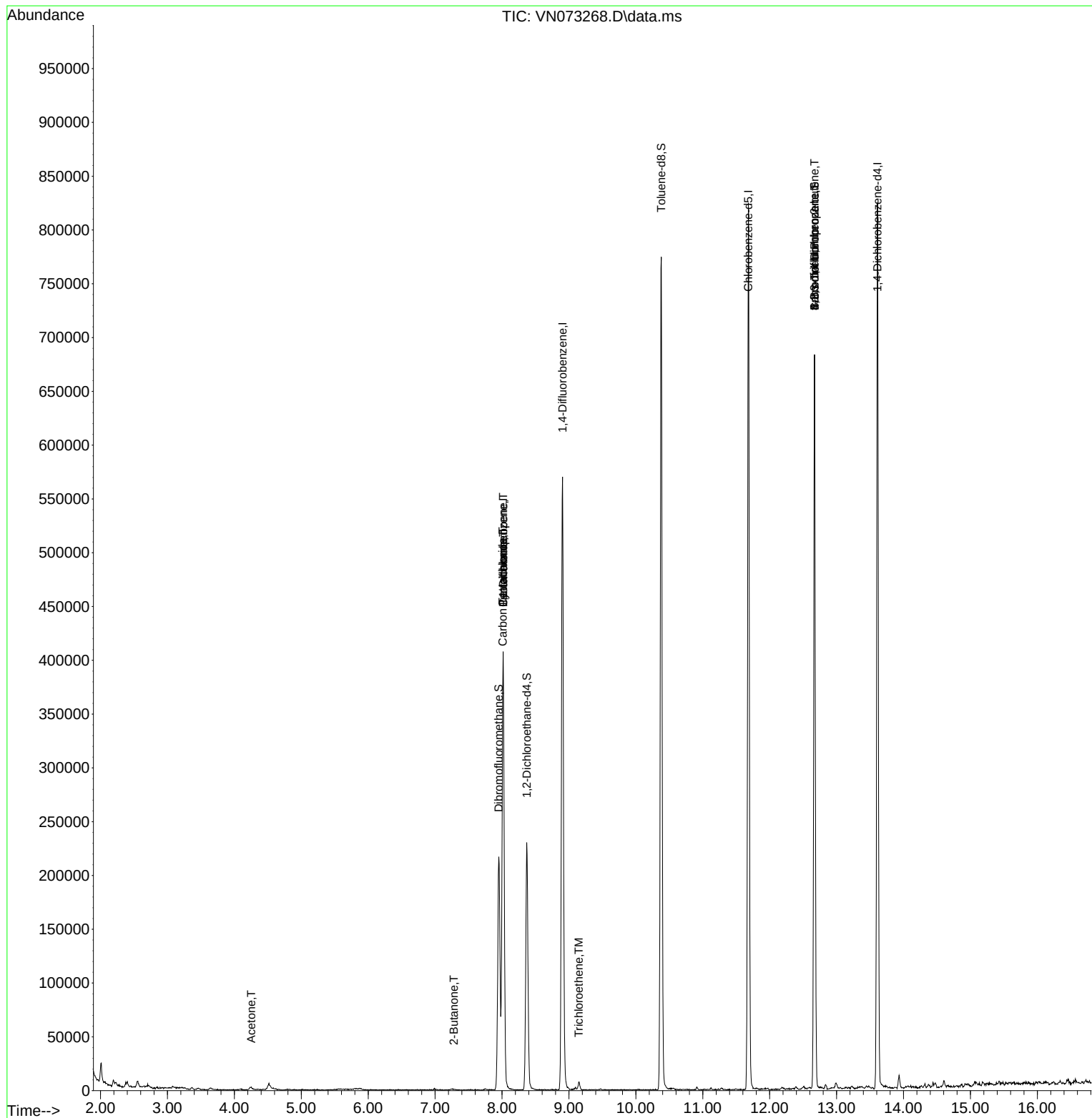
Internal Standards						
1) Pentafluorobenzene	8.016	168	300565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	509236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	465711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	219302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	191335	44.097	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.200%		
35) Dibromofluoromethane	7.951	113	162803	48.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	10.381	98	538122	44.720	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.440%		
62) 4-Bromofluorobenzene	12.669	95	231089	49.973	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.940%		
Target Compounds						
					Qvalue	
16) Acetone	4.252	43	4969	2.040	ug/l	99
25) 2-Butanone	7.281	43	946	0.244	ug/l #	75
31) Cyclohexane	8.016	56	6971	0.981	ug/l #	13
36) 1,1-Dichloropropene	8.016	75	25848	4.958	ug/l #	48
38) Carbon Tetrachloride	8.010	117	31358	5.817	ug/l #	17
44) Trichloroethene	9.145	130	2852	0.697	ug/l	94
71) Bromoform	12.669	173	2074	0.732	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	120114	20.947	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	120114	57.445	ug/l #	10

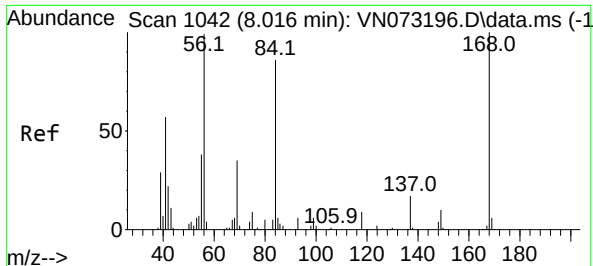
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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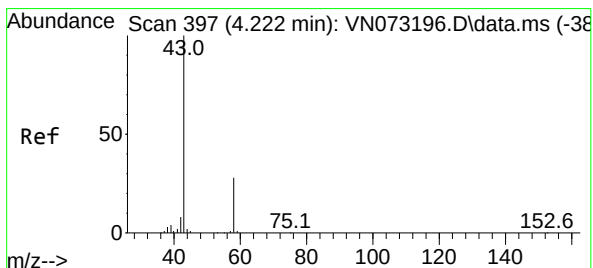
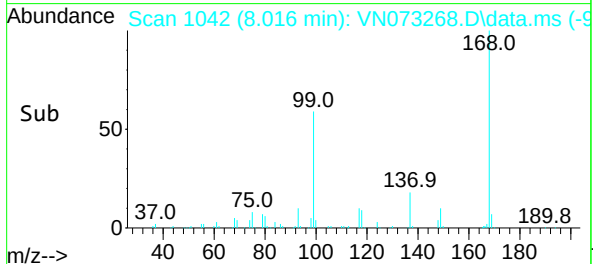
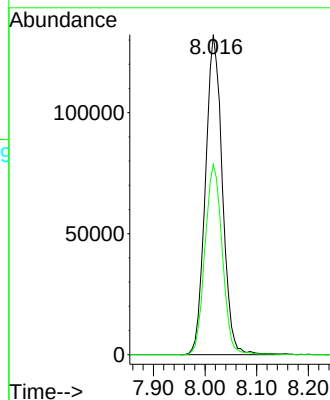
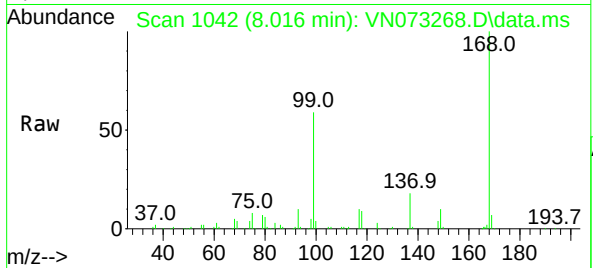




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073268.D
Acq: 30 Jun 2022 16:13

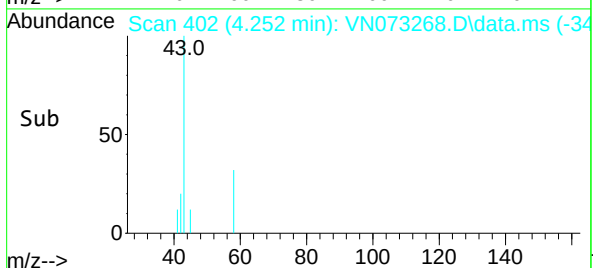
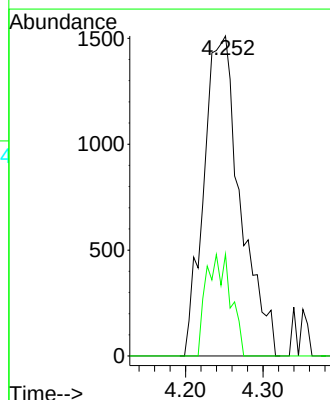
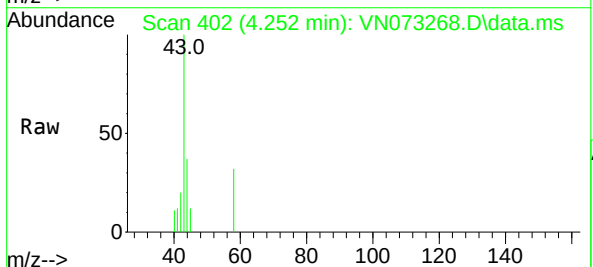
Instrument :
MSVOA_N
ClientSampleId :

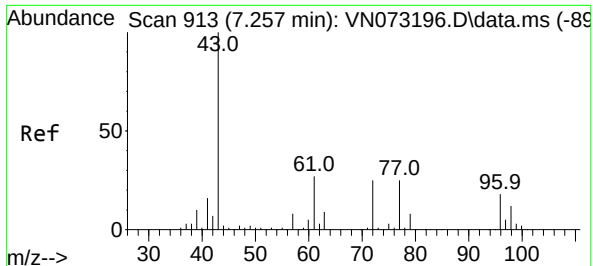
Tgt Ion:168 Resp: 300565
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#16
Acetone
Concen: 2.040 ug/l
RT: 4.252 min Scan# 402
Delta R.T. 0.030 min
Lab File: VN073268.D
Acq: 30 Jun 2022 16:13

Tgt Ion: 43 Resp: 4969
Ion Ratio Lower Upper
43 100
58 31.8 26.0 39.0





#25

2-Butanone

Concen: 0.244 ug/l

RT: 7.281 min Scan# 913

Delta R.T. 0.024 min

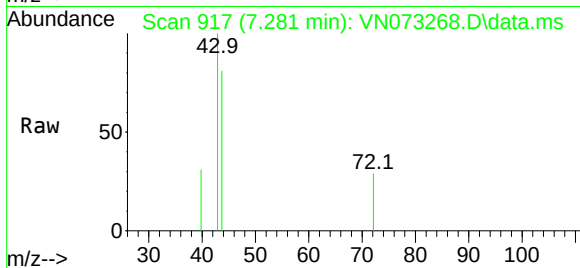
Lab File: VN073268.D

Acq: 30 Jun 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

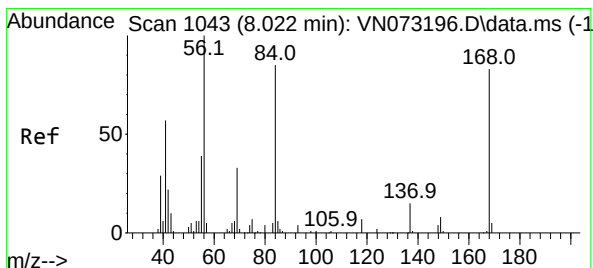
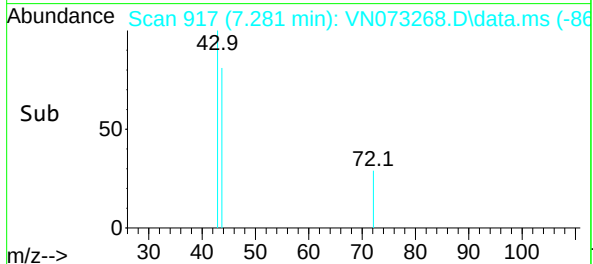
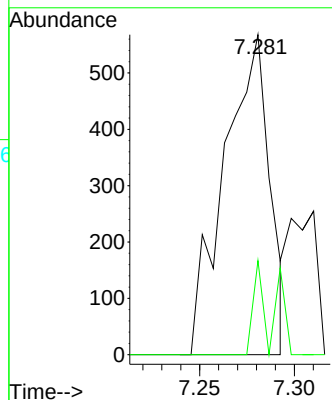


Tgt Ion: 43 Resp: 946

Ion Ratio Lower Upper

43 100

72 16.2 23.7 35.5#



#31

Cyclohexane

Concen: 0.981 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073268.D

Acq: 30 Jun 2022 16:13

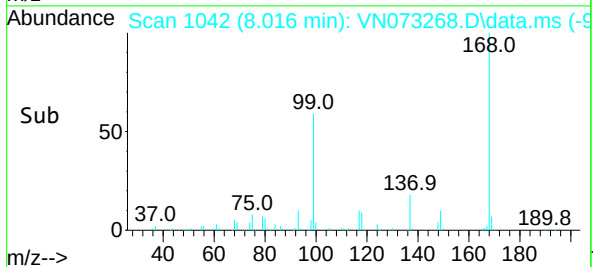
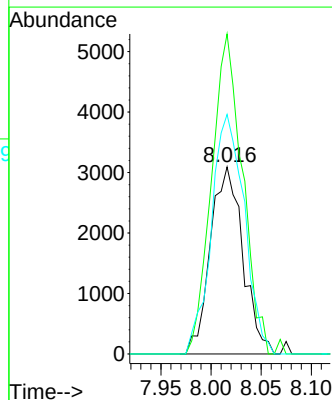
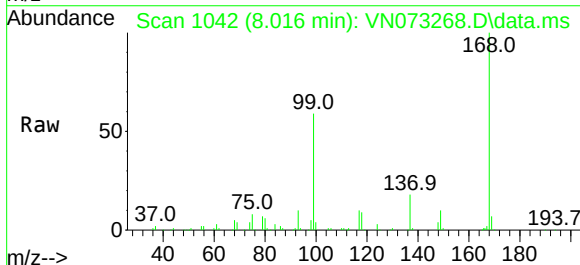
Tgt Ion: 56 Resp: 6971

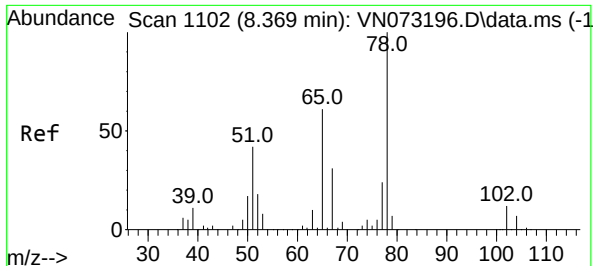
Ion Ratio Lower Upper

56 100

69 171.1 27.8 41.8#

84 128.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 44.097 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073268.D

Acq: 30 Jun 2022 16:13

Instrument :

MSVOA_N

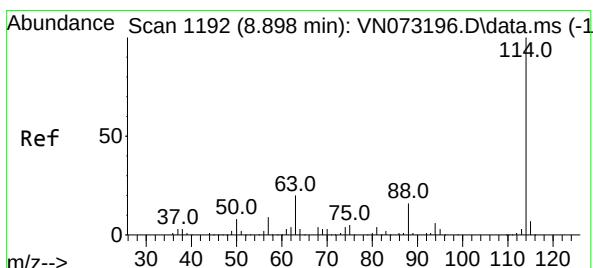
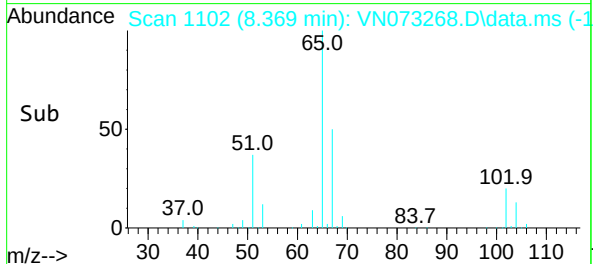
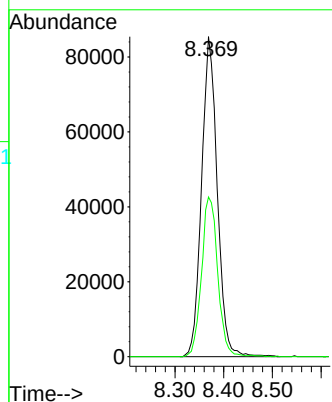
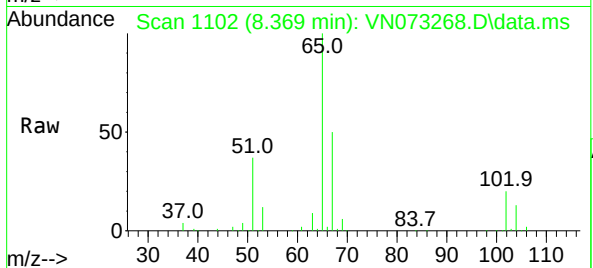
ClientSampleId :

Tgt Ion: 65 Resp: 191335

Ion Ratio Lower Upper

65 100

67 51.3 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: VN073268.D

Acq: 30 Jun 2022 16:13

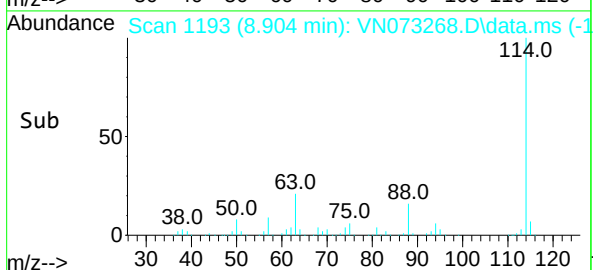
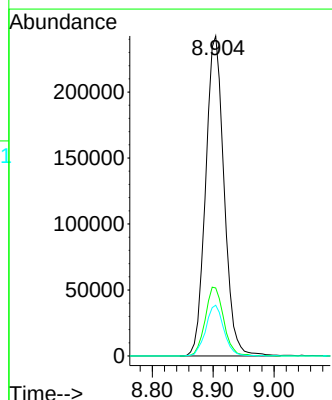
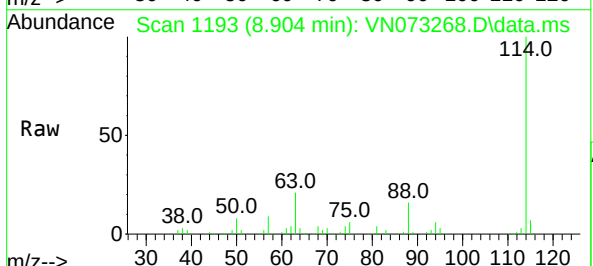
Tgt Ion: 114 Resp: 509236

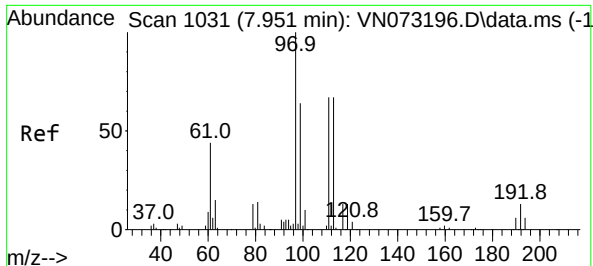
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.053 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

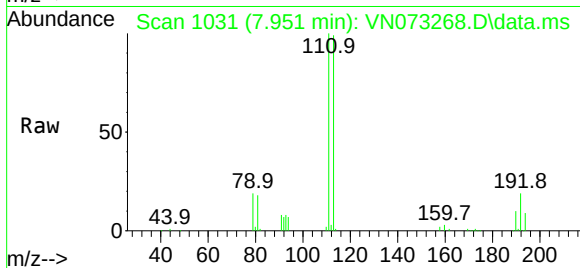
Lab File: VN073268.D

Acq: 30 Jun 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :



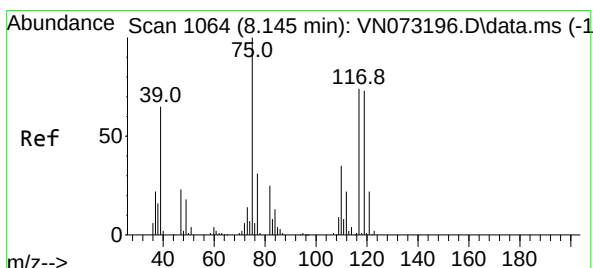
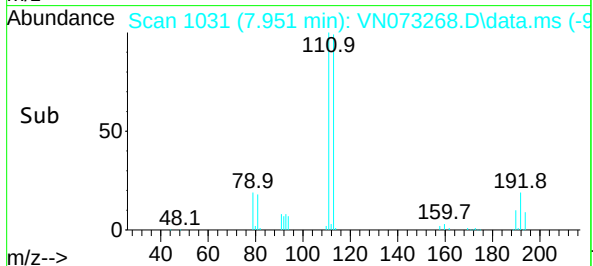
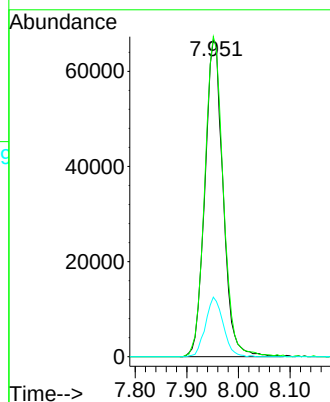
Tgt Ion:113 Resp: 162803

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 18.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.958 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073268.D

Acq: 30 Jun 2022 16:13

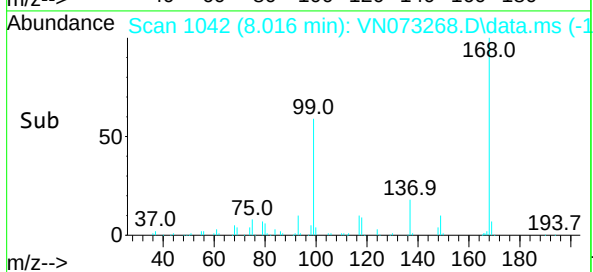
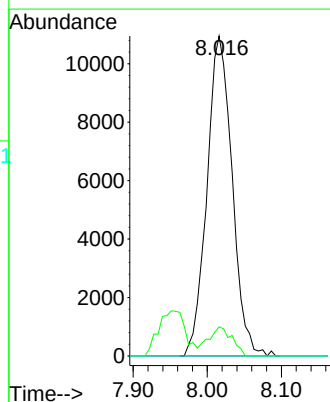
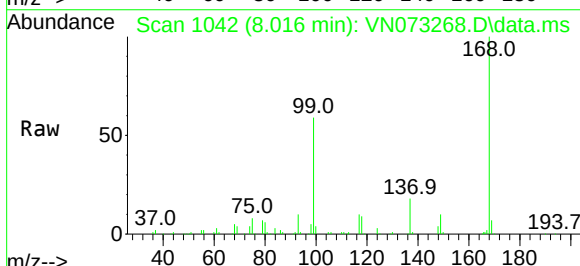
Tgt Ion: 75 Resp: 25848

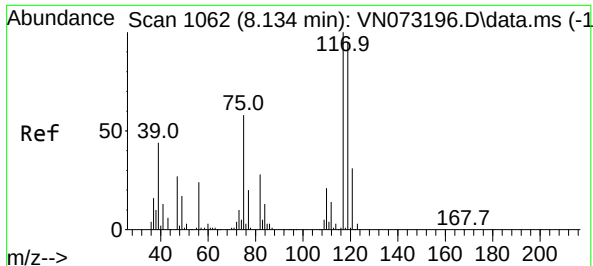
Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

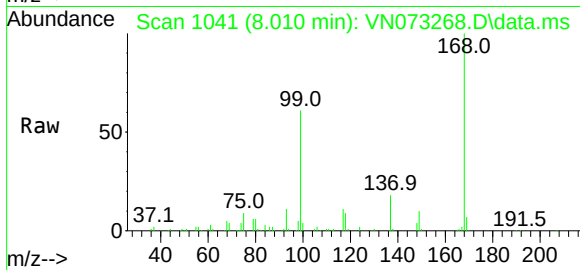
77 0.0 25.1 37.7#



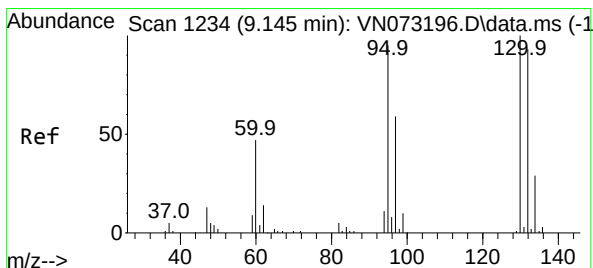
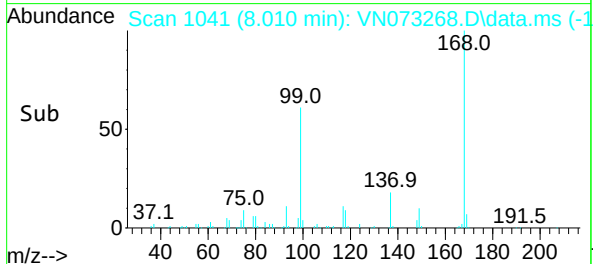
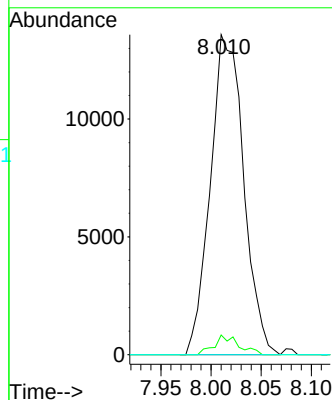


#38
Carbon Tetrachloride
Concen: 5.817 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.124 min
Lab File: VN073268.D
Acq: 30 Jun 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :

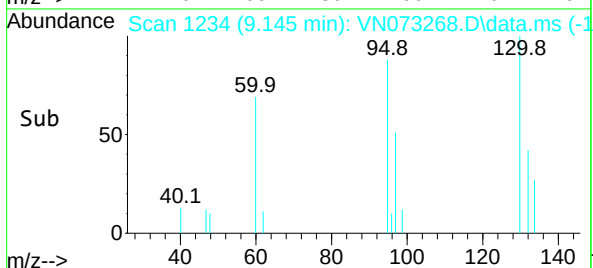
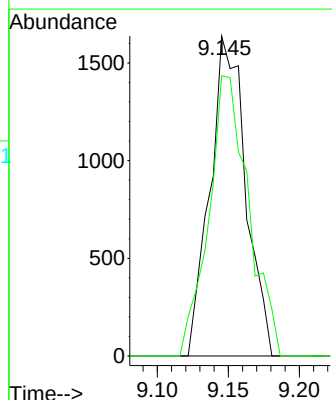
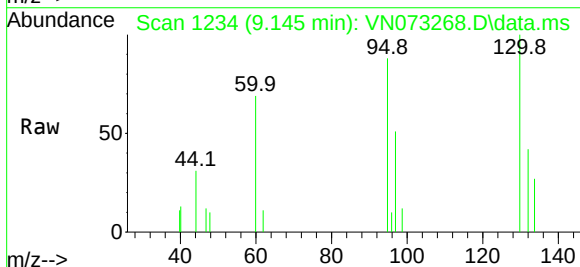


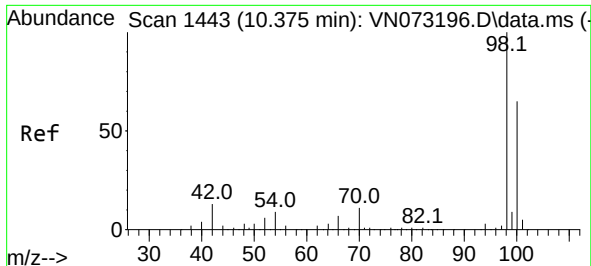
Tgt Ion:117 Resp: 31358
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 0.697 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN073268.D
Acq: 30 Jun 2022 16:13

Tgt Ion:130 Resp: 2852
Ion Ratio Lower Upper
130 100
95 87.5 0.0 186.8

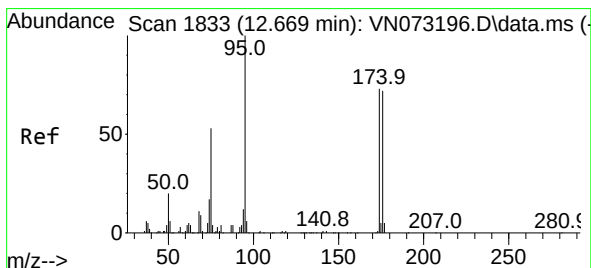
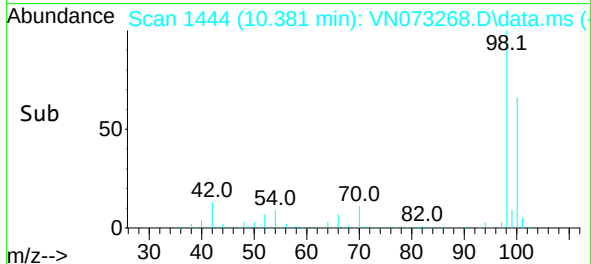
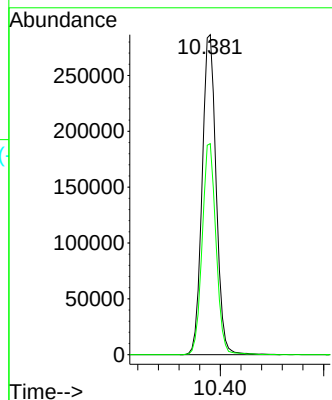
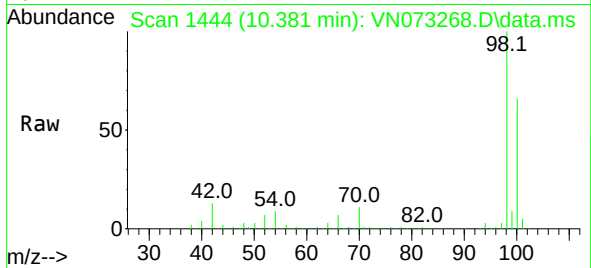




#50
Toluene-d8
Concen: 44.720 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073268.D
Acq: 30 Jun 2022 16:13

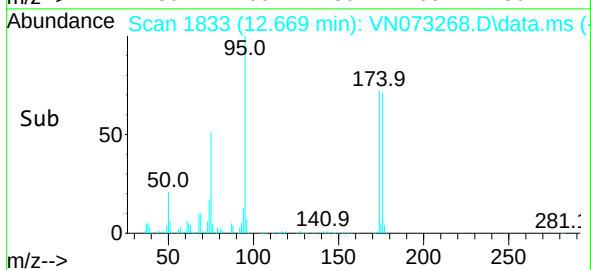
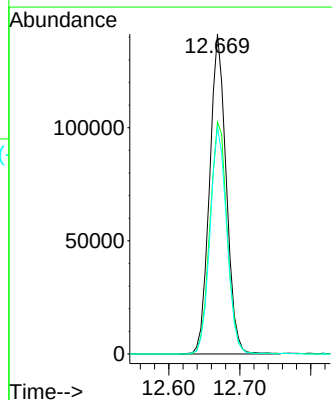
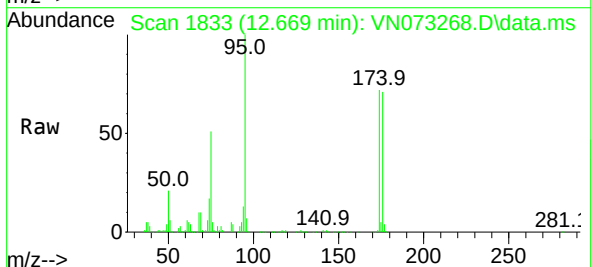
Instrument :
MSVOA_N
ClientSampleId :

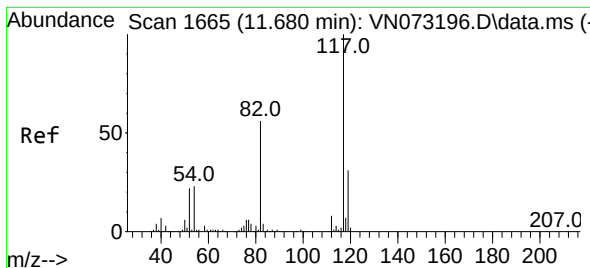
Tgt Ion: 98 Resp: 538122
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.973 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073268.D
Acq: 30 Jun 2022 16:13

Tgt Ion: 95 Resp: 231089
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 71.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

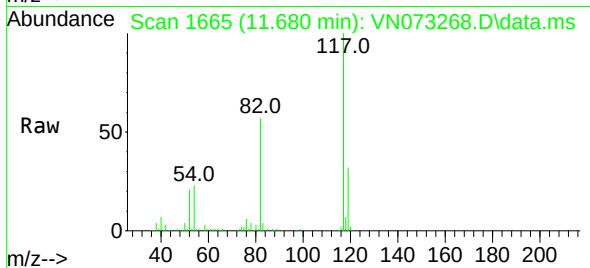
Lab File: VN073268.D

Acq: 30 Jun 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :



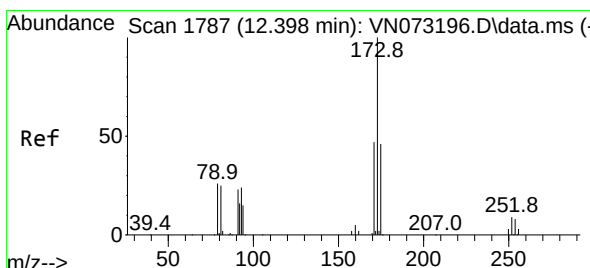
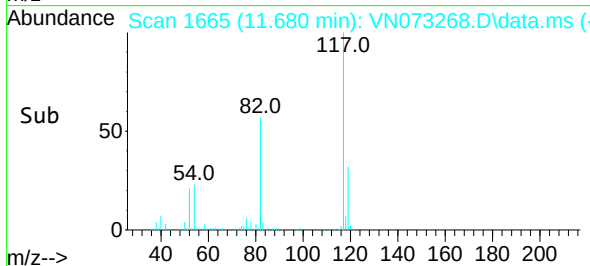
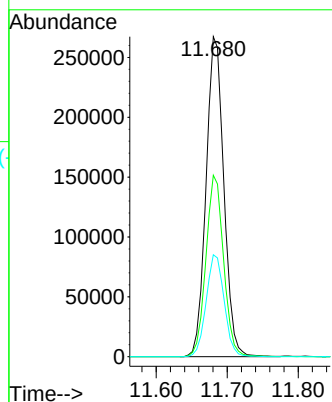
Tgt Ion:117 Resp: 465711

Ion Ratio Lower Upper

117 100

82 56.7 44.2 66.2

119 31.9 25.4 38.0



#71

Bromoform

Concen: 0.732 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.271 min

Lab File: VN073268.D

Acq: 30 Jun 2022 16:13

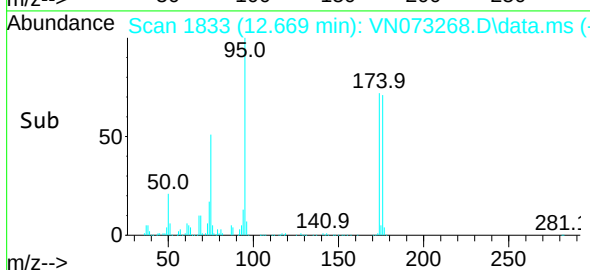
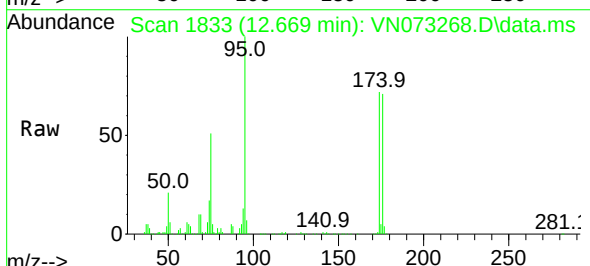
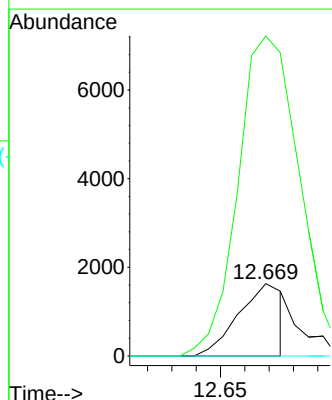
Tgt Ion:173 Resp: 2074

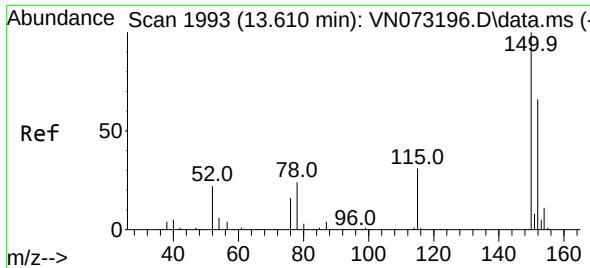
Ion Ratio Lower Upper

173 100

175 453.0 24.6 73.6#

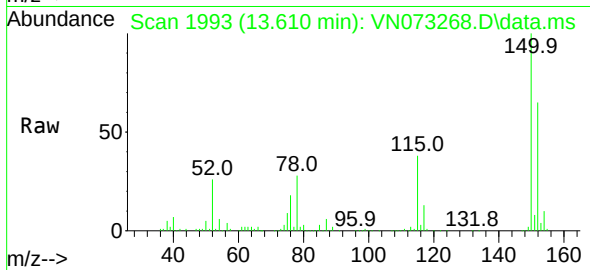
254 0.0 0.1 0.1#



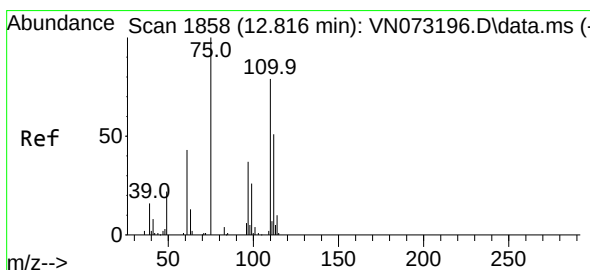
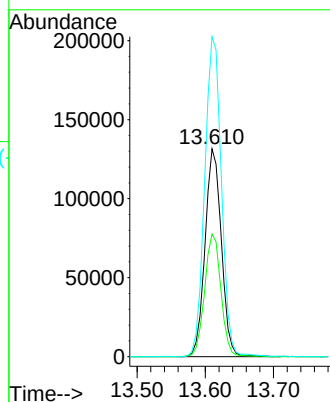
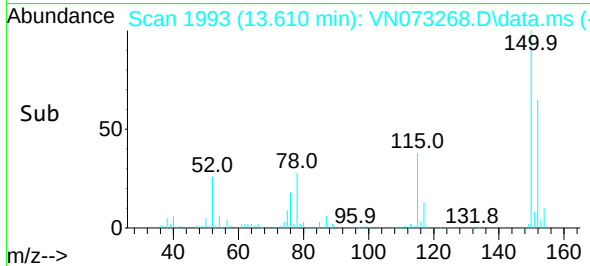


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073268.D
 Acq: 30 Jun 2022 16:13

Instrument :
 MSVOA_N
 ClientSampleId :

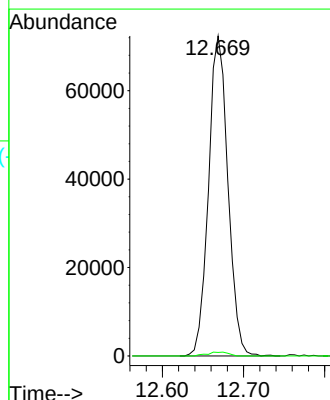
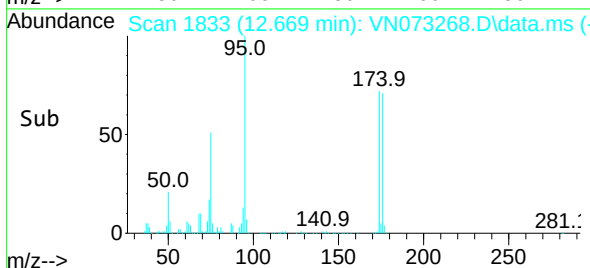
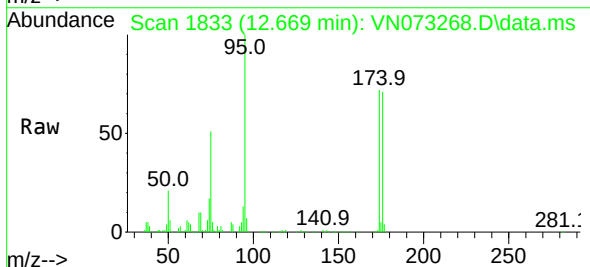


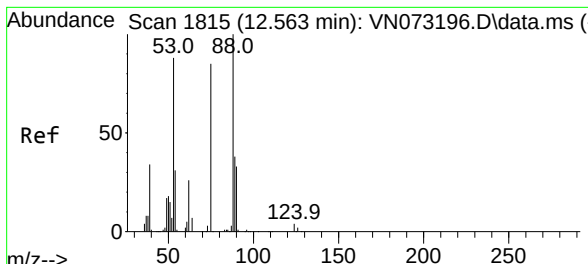
Tgt Ion:152 Resp: 219302
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.9 86.7
 150 157.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.947 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073268.D
 Acq: 30 Jun 2022 16:13

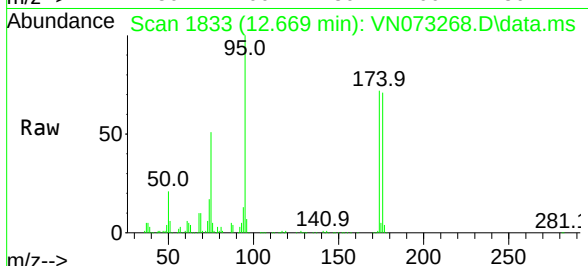
Tgt Ion: 75 Resp: 120114
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.445 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073268.D
 Acq: 30 Jun 2022 16:13

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 120114
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

