

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073232.D
 Acq On : 29 Jun 2022 09:31
 Operator : JC\MD
 Sample : VN0629WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBL01

Quant Time: Jun 29 15:39:42 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)

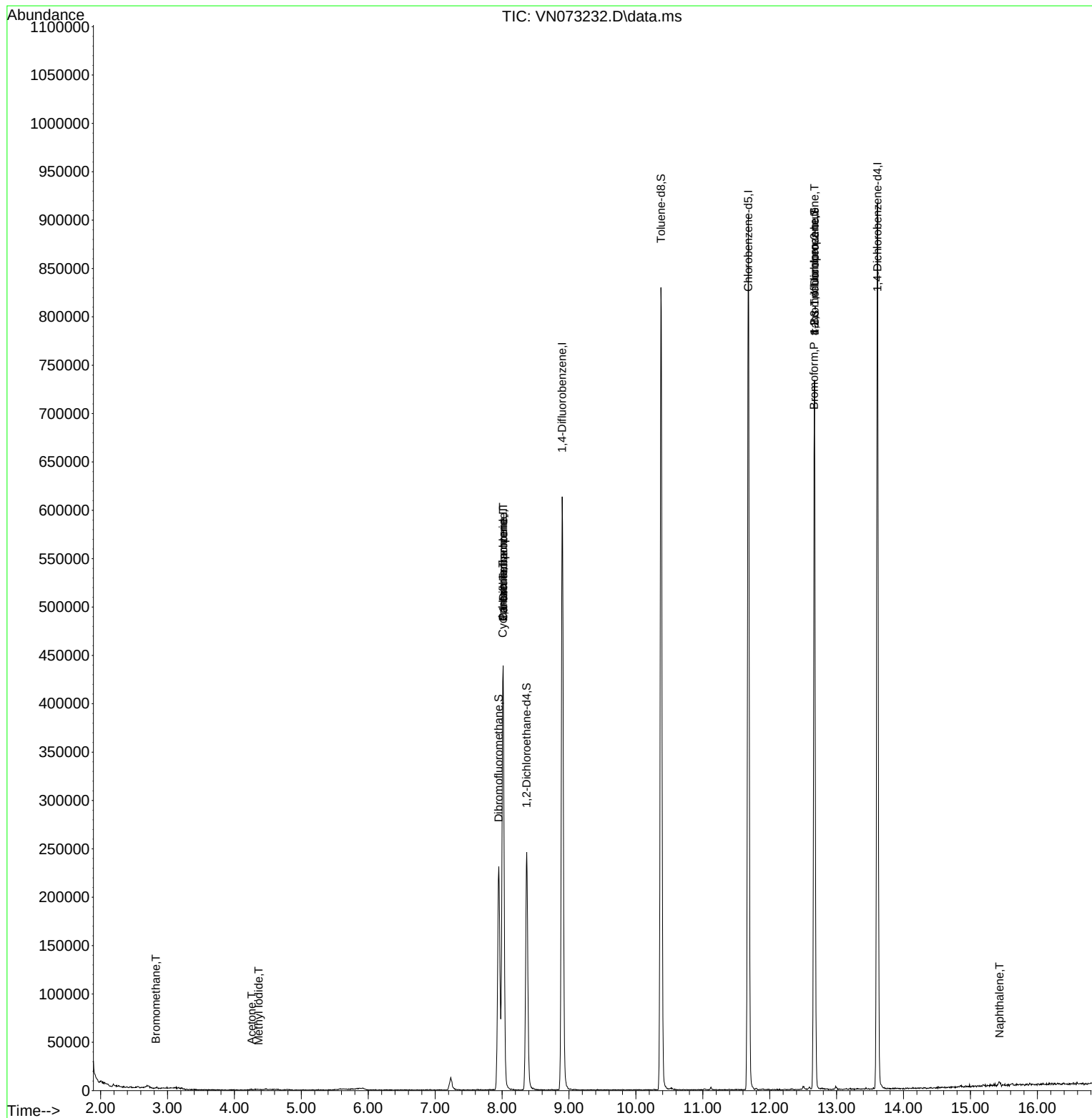
Internal Standards						
1) Pentafluorobenzene	8.016	168	329744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	545800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	504824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	238305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	206294	43.337	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.680%		
35) Dibromofluoromethane	7.951	113	172869	47.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.220%		
50) Toluene-d8	10.375	98	571414	44.306	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.620%		
62) 4-Bromofluorobenzene	12.669	95	252198	50.884	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.760%		
Target Compounds						Qvalue
5) Bromomethane	2.828	94	554	0.295	ug/l #	2
10) Methyl Iodide	4.363	142	153	3.762	ug/l #	44
16) Acetone	4.257	43	741	0.277	ug/l #	42
31) Cyclohexane	8.010	56	7958	1.021	ug/l #	31
36) 1,1-Dichloropropene	8.016	75	26713	4.781	ug/l #	49
38) Carbon Tetrachloride	8.016	117	33103	5.729	ug/l #	17
71) Bromoform	12.663	173	962	0.313	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	133606	21.441	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	133606	58.802	ug/l #	10
95) Naphthalene	15.433	128	4631	0.252	ug/l #	93

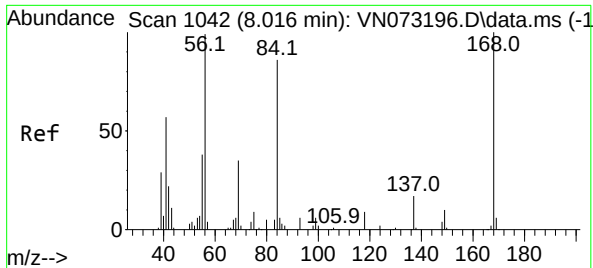
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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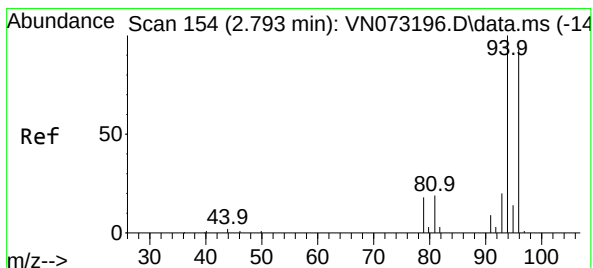
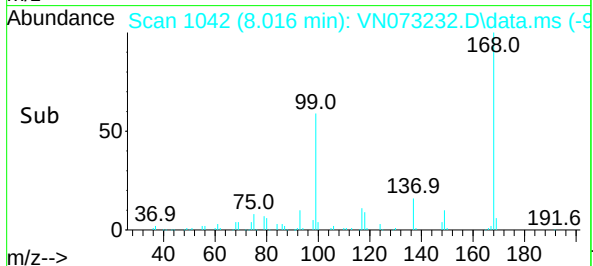
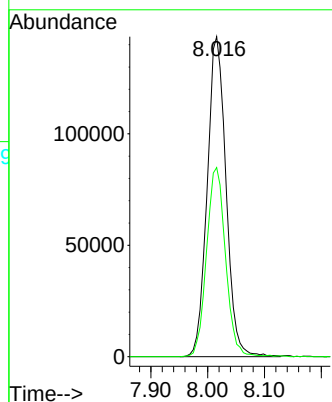
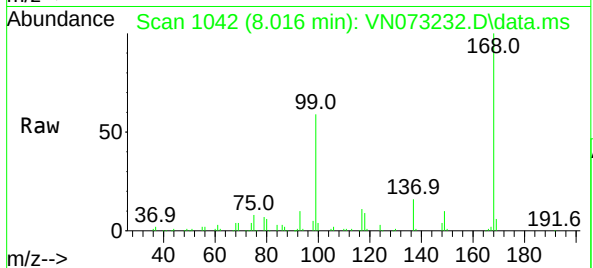




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073232.D
Acq: 29 Jun 2022 09:31

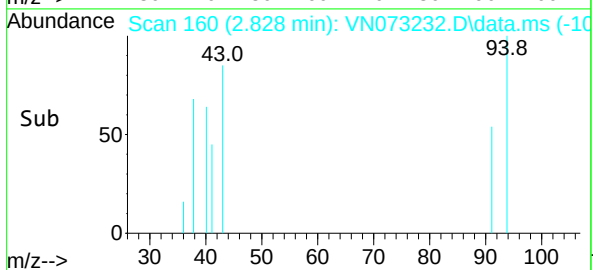
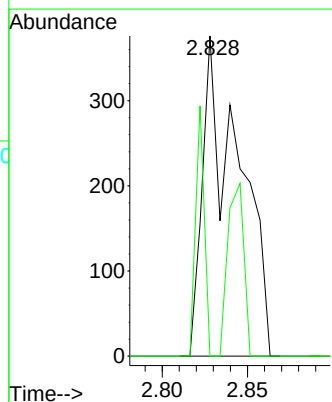
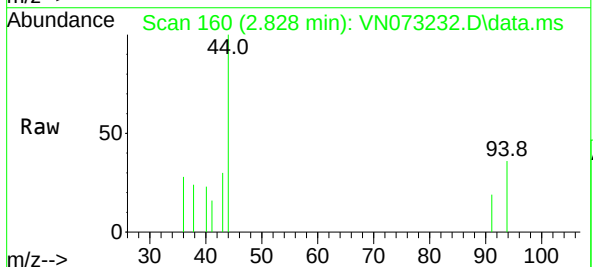
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBL01

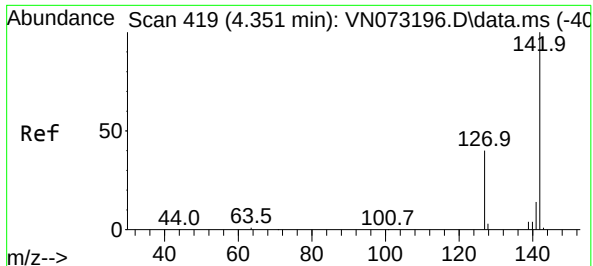
Tgt Ion:168 Resp: 329744
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#5
Bromomethane
Concen: 0.295 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.035 min
Lab File: VN073232.D
Acq: 29 Jun 2022 09:31

Tgt Ion: 94 Resp: 554
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

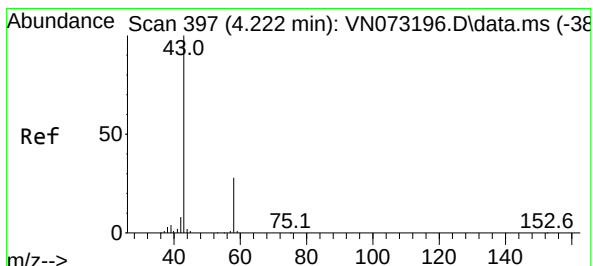
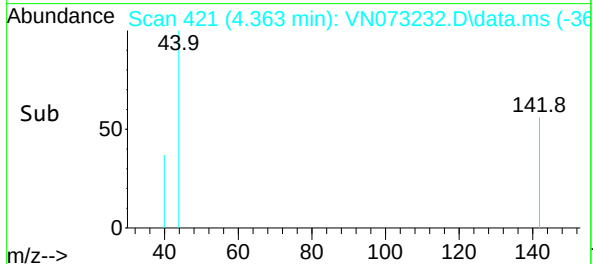
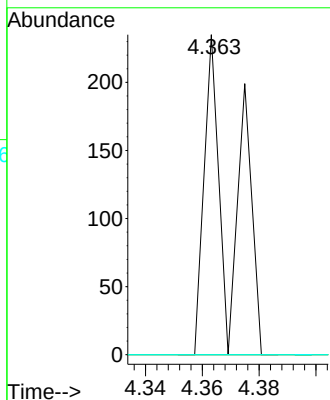
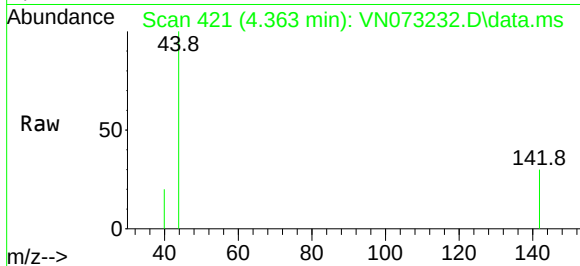




#10
Methyl Iodide
Concen: 3.762 ug/l
RT: 4.363 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN073232.D
Acq: 29 Jun 2022 09:31

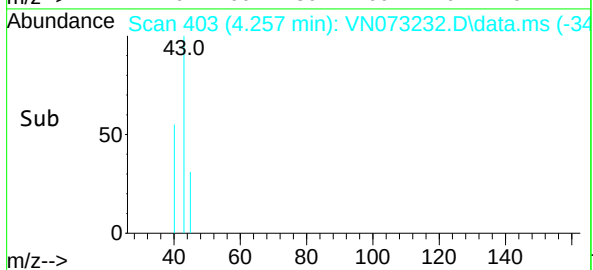
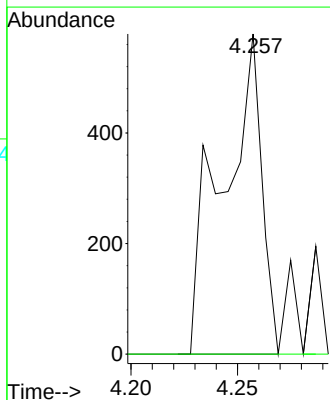
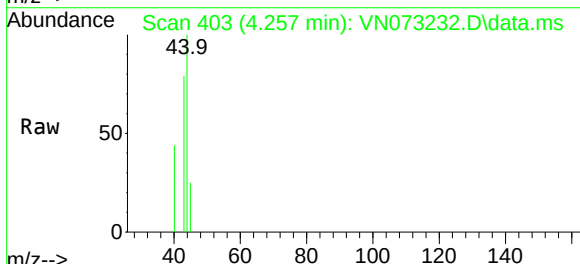
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBL01

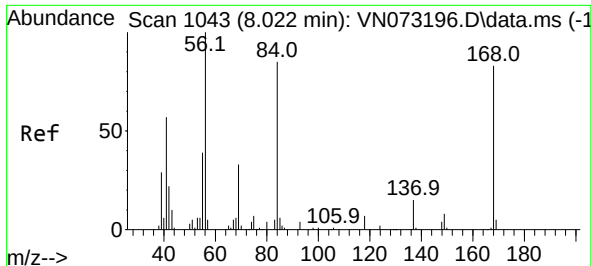
Tgt Ion:142 Resp: 153
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.277 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.035 min
Lab File: VN073232.D
Acq: 29 Jun 2022 09:31

Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#31

Cyclohexane

Concen: 1.021 ug/l

RT: 8.010 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN073232.D

Acq: 29 Jun 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBL01

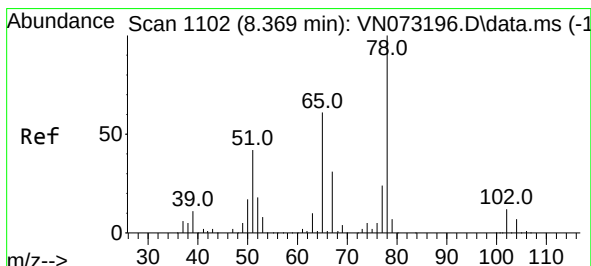
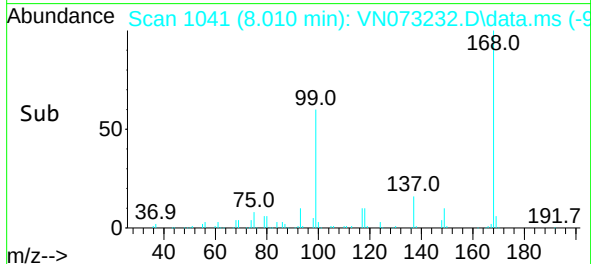
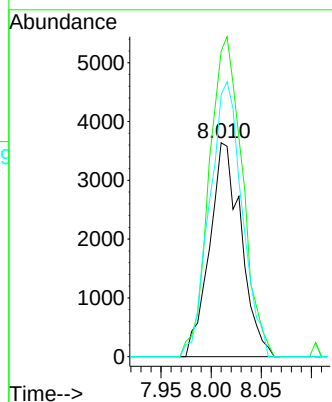
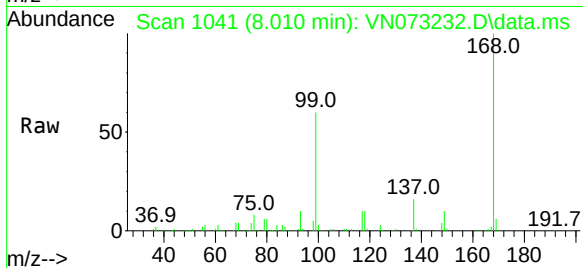
Tgt Ion: 56 Resp: 7958

Ion Ratio Lower Upper

56 100

69 142.8 27.8 41.8#

84 122.5 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 43.337 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073232.D

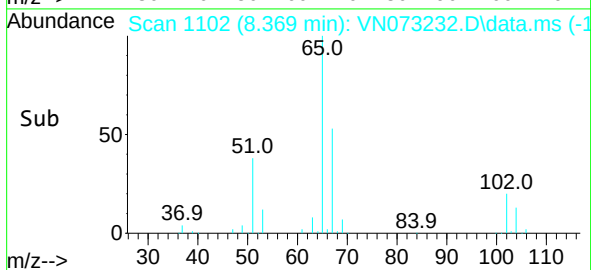
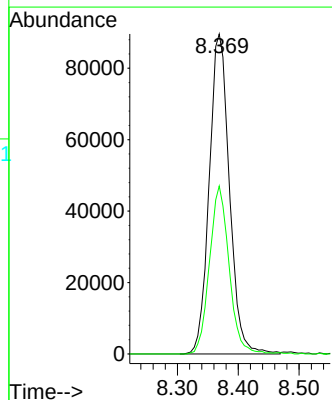
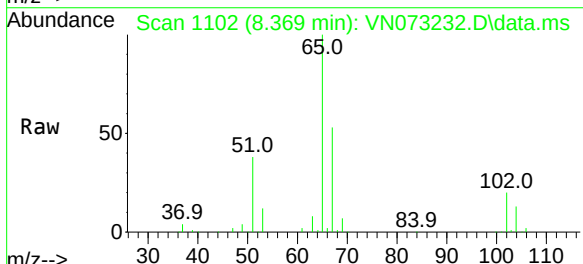
Acq: 29 Jun 2022 09:31

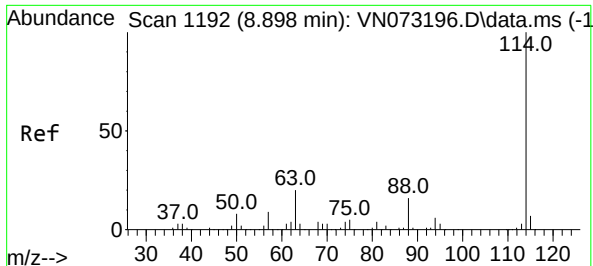
Tgt Ion: 65 Resp: 206294

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073232.D

Acq: 29 Jun 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBL01

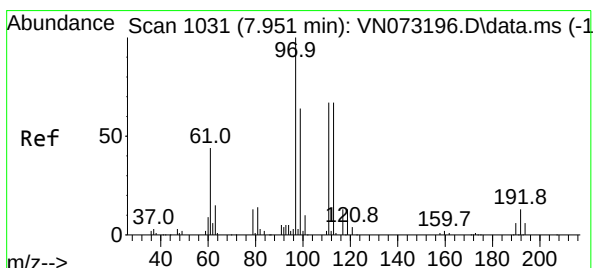
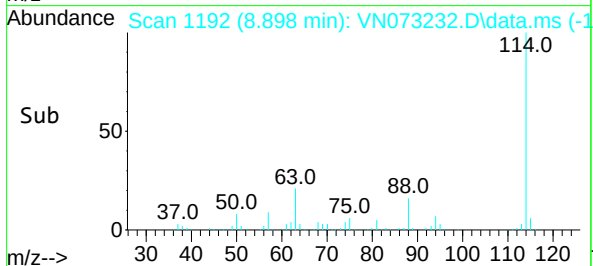
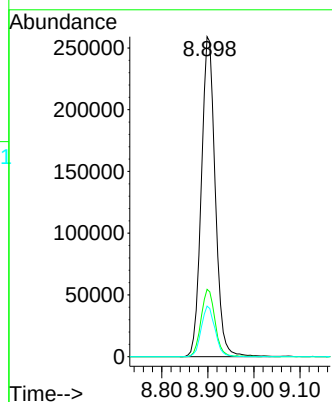
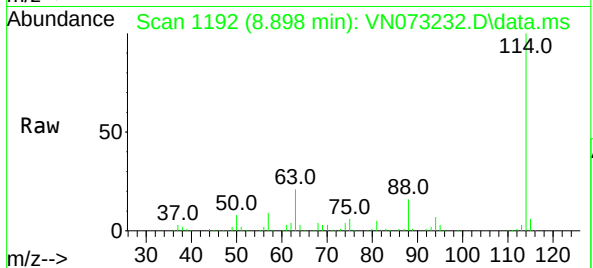
Tgt Ion:114 Resp: 545800

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.605 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073232.D

Acq: 29 Jun 2022 09:31

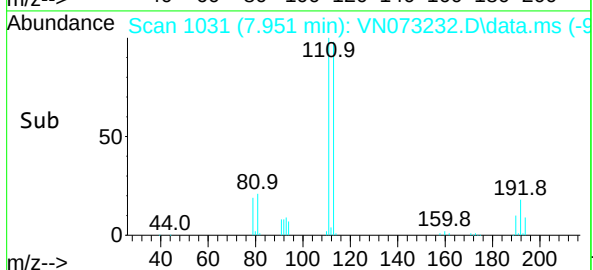
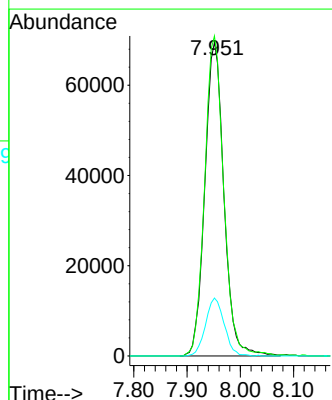
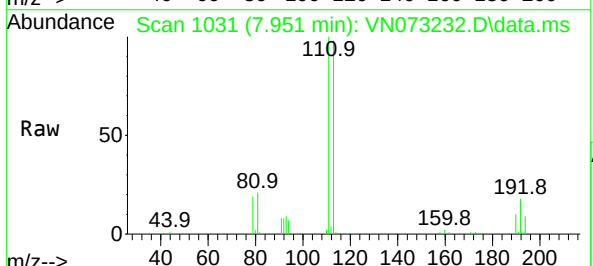
Tgt Ion:113 Resp: 172869

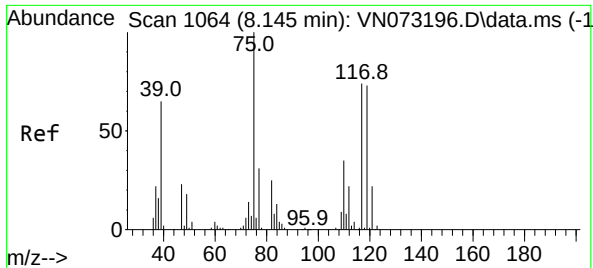
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 18.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.781 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073232.D

Acq: 29 Jun 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBL01

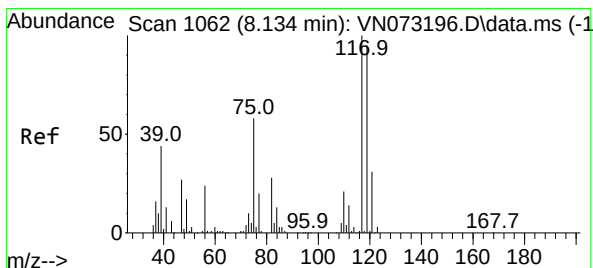
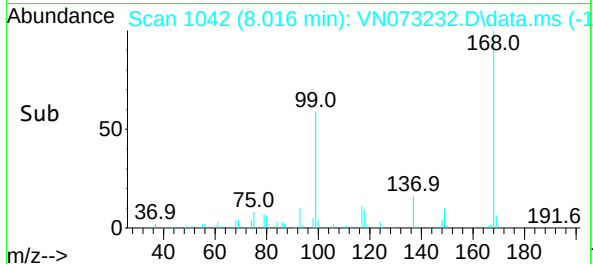
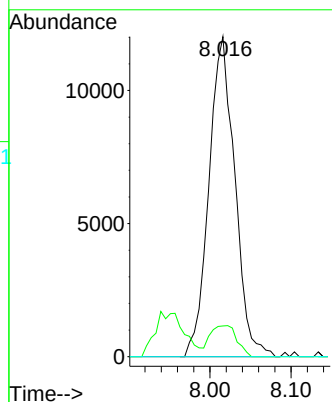
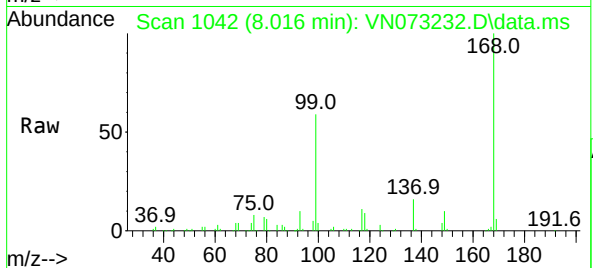
Tgt Ion: 75 Resp: 26713

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.729 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073232.D

Acq: 29 Jun 2022 09:31

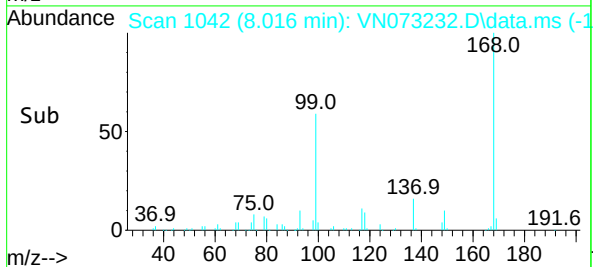
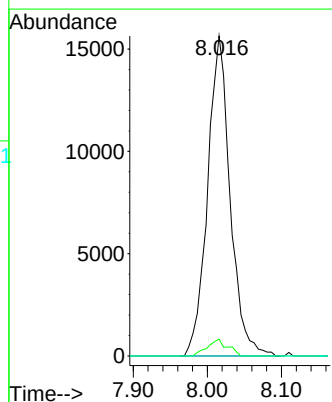
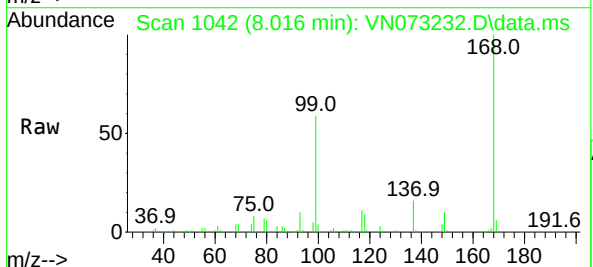
Tgt Ion: 117 Resp: 33103

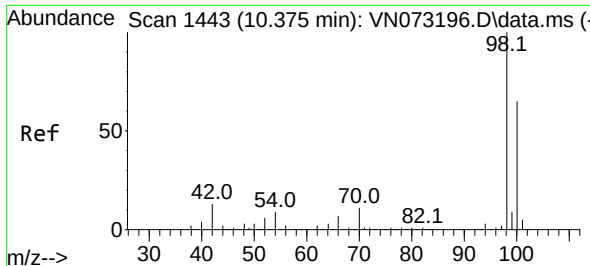
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 24.6 37.0#

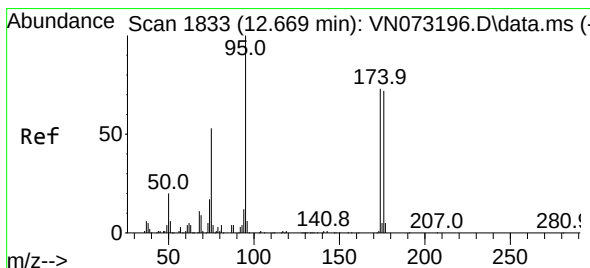
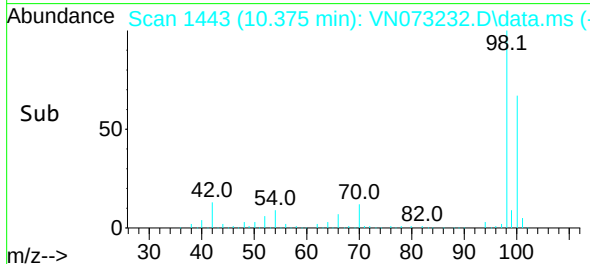
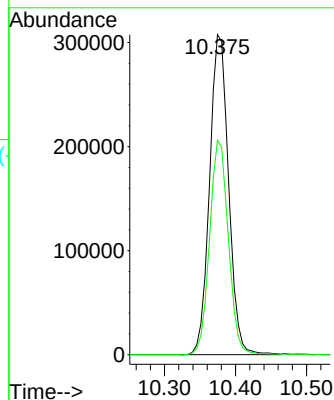
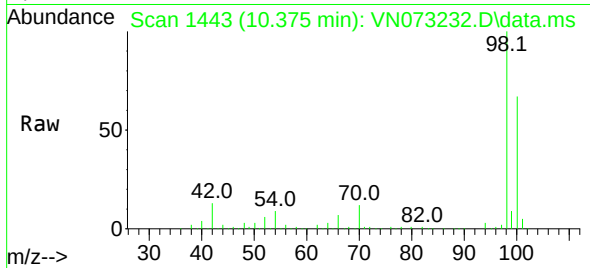




#50
Toluene-d8
Concen: 44.306 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073232.D
Acq: 29 Jun 2022 09:31

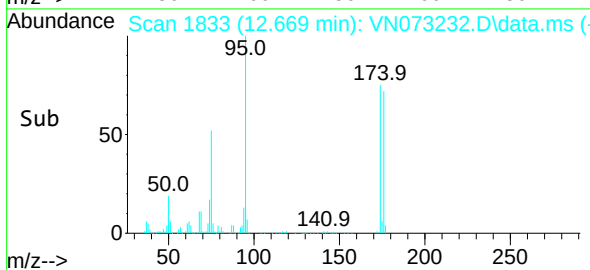
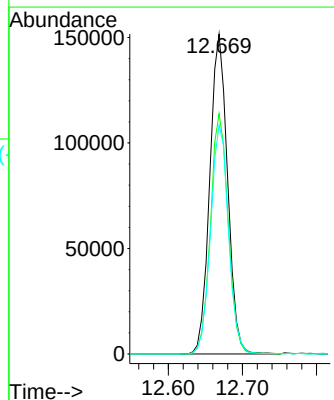
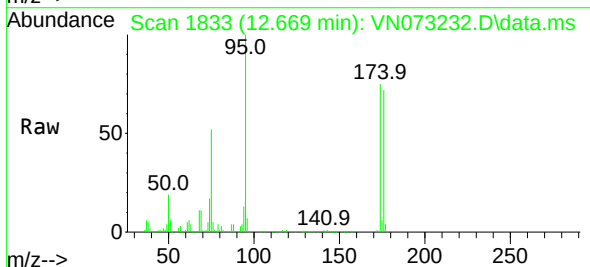
Instrument :
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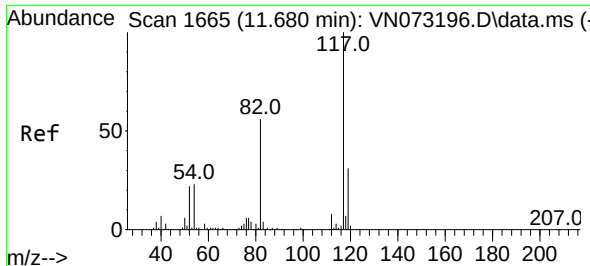
Tgt Ion: 98 Resp: 571414
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.884 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073232.D
Acq: 29 Jun 2022 09:31

Tgt Ion: 95 Resp: 252198
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 72.1 0.0 163.4

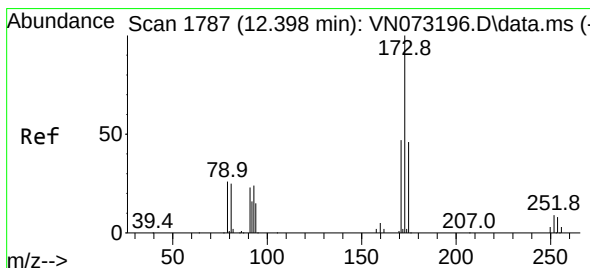
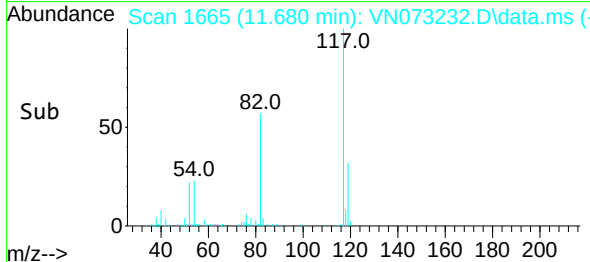
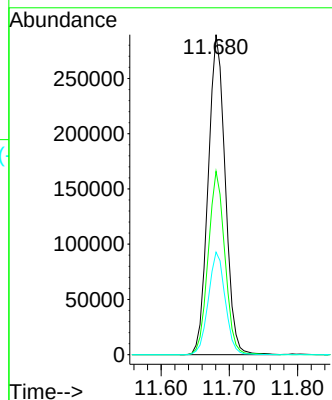
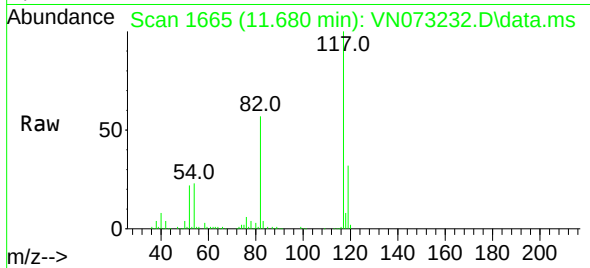




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073232.D
Acq: 29 Jun 2022 09:31

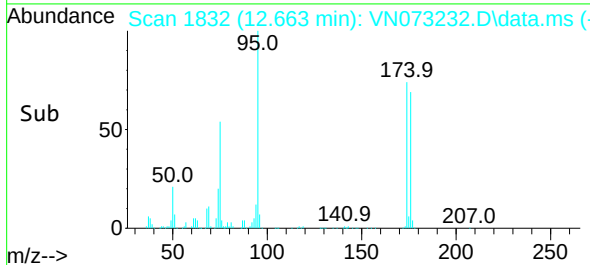
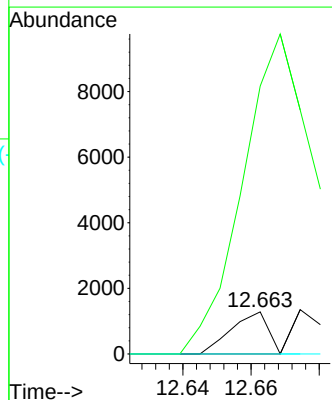
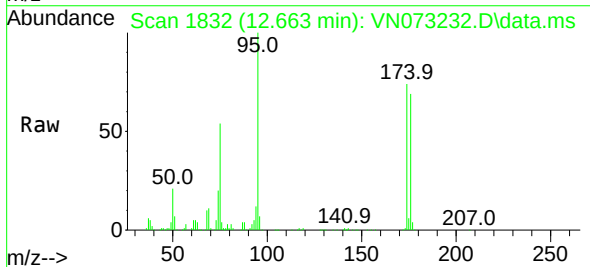
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBL01

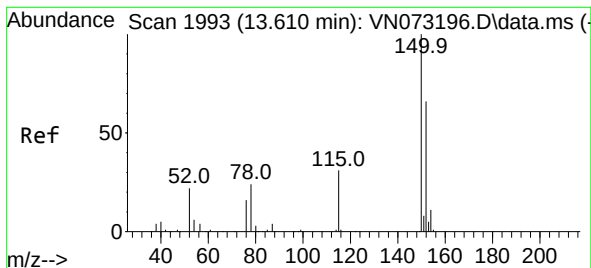
Tgt Ion:117 Resp: 504824
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.1 25.4 38.0



#71
Bromoform
Concen: 0.313 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073232.D
Acq: 29 Jun 2022 09:31

Tgt Ion:173 Resp: 962
Ion Ratio Lower Upper
173 100
175 1212.0 24.6 73.6#
254 0.0 0.1 0.1#

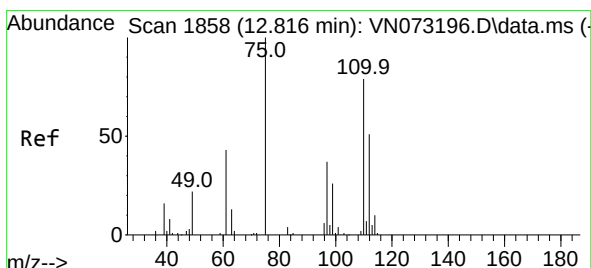
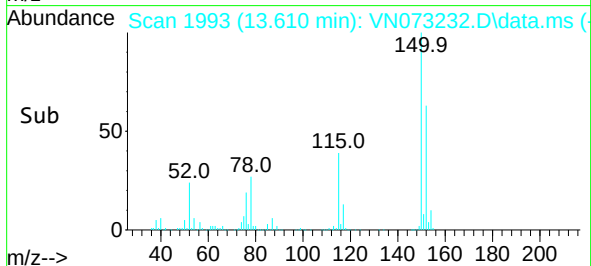
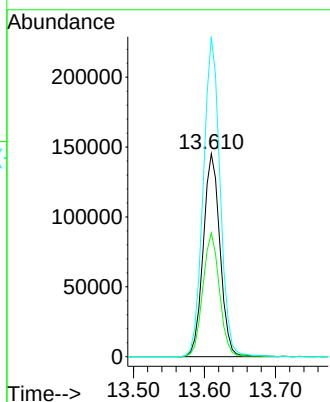
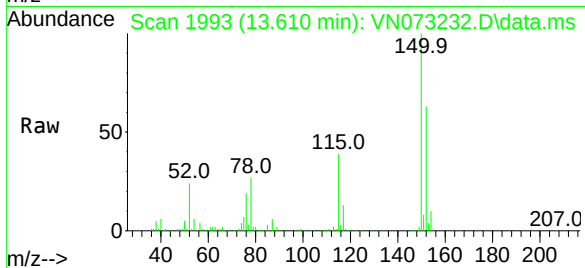




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073232.D
 Acq: 29 Jun 2022 09:31

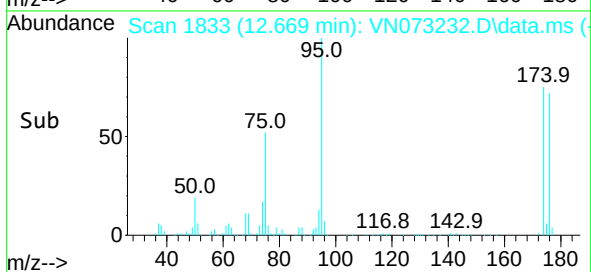
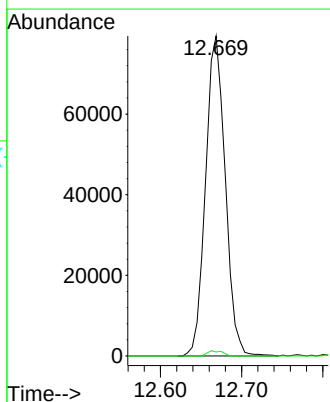
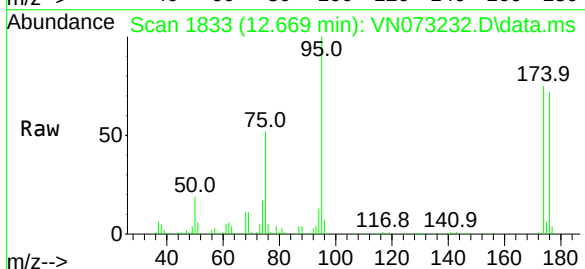
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBL01

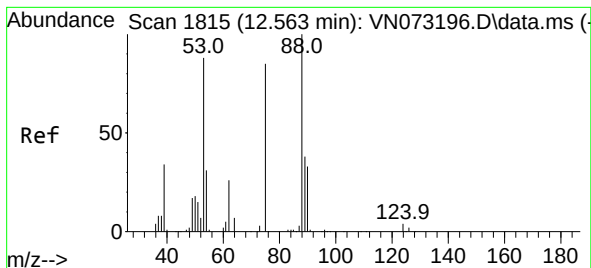
Tgt Ion:152 Resp: 238305
 Ion Ratio Lower Upper
 152 100
 115 60.6 28.9 86.7
 150 157.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.441 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073232.D
 Acq: 29 Jun 2022 09:31

Tgt Ion: 75 Resp: 133606
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

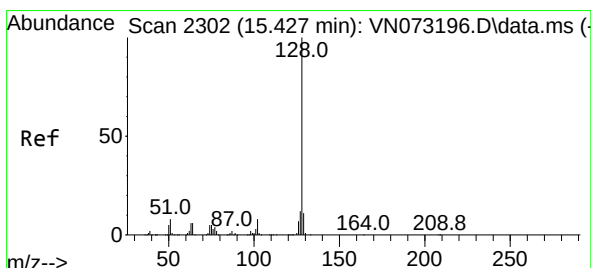
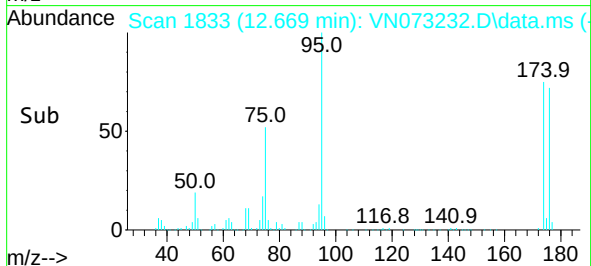
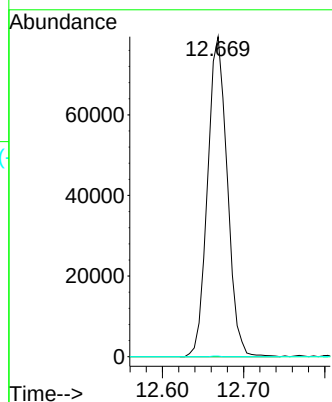
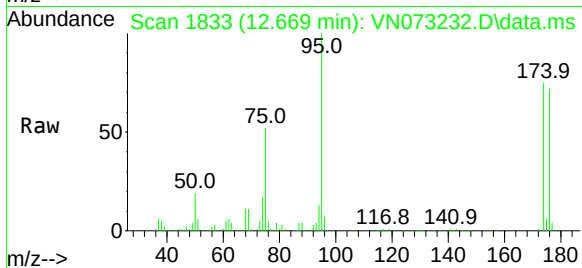




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.802 ug/l
 RT: 12.669 min Scan# 1815
 Delta R.T. 0.106 min
 Lab File: VN073232.D
 Acq: 29 Jun 2022 09:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBL01

Tgt Ion: 75 Resp: 133606
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#



#95
 Naphthalene
 Concen: 0.252 ug/l
 RT: 15.433 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN073232.D
 Acq: 29 Jun 2022 09:31

Tgt Ion: 128 Resp: 4631
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.3 15.5
 129 6.1 8.6 13.0#

