

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073223.D
 Acq On : 29 Jun 2022 01:54
 Operator : JC\MD
 Sample : N3409-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

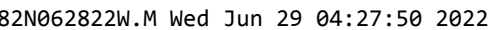
Quant Time: Jun 29 04:27:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

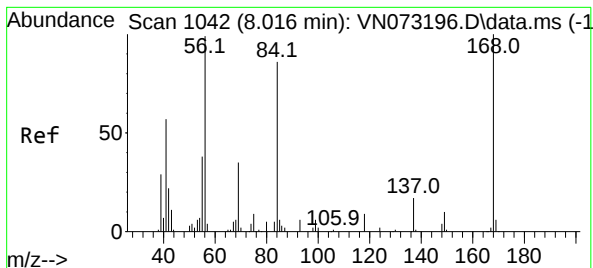
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	315666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	521737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	472675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	219143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	198038	43.458	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.920%
35) Dibromofluoromethane	7.951	113	165885	47.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	10.375	98	548529	44.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.669	95	232734	49.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
					Qvalue	
16) Acetone	4.246	43	2777	1.086	ug/l	95
31) Cyclohexane	8.022	56	7324	0.981	ug/l #	32
36) 1,1-Dichloropropene	8.016	75	26337	4.931	ug/l #	49
38) Carbon Tetrachloride	8.016	117	33623	6.087	ug/l #	17
51) 4-Methyl-2-Pentanone	10.375	43	2562	0.348	ug/l #	1
71) Bromoform	12.669	173	1710	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	122159	21.319	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	122159	58.466	ug/l #	10

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

Quant Time: Jun 29 04:27:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
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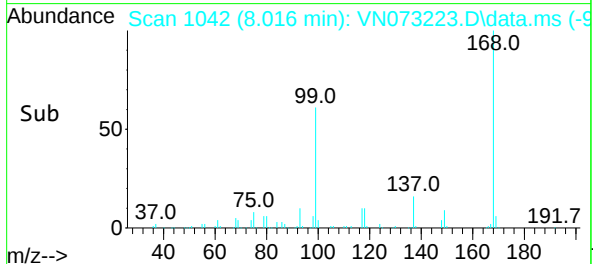
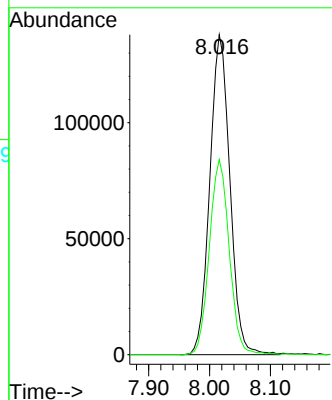
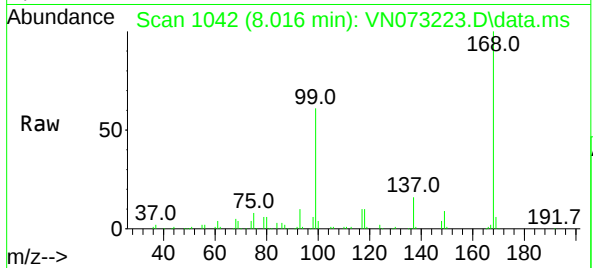




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

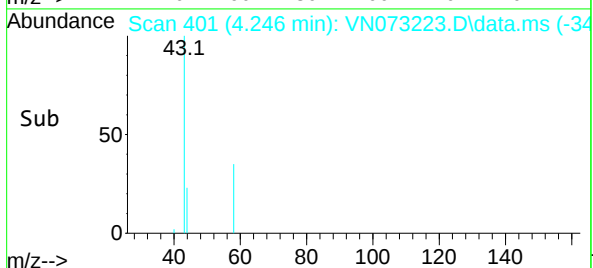
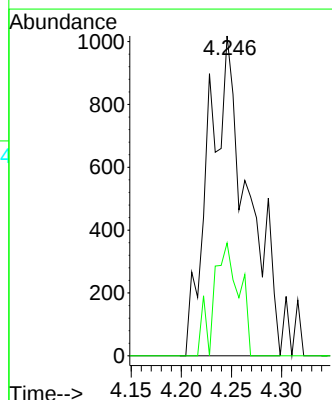
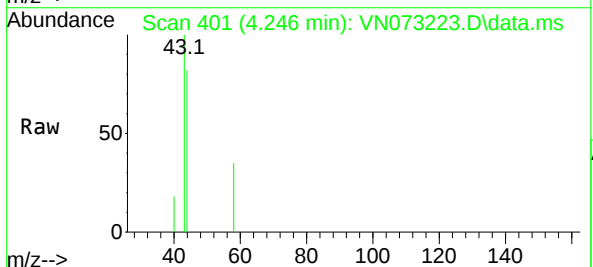
Instrument :
MSVOA_N
ClientSampleId :

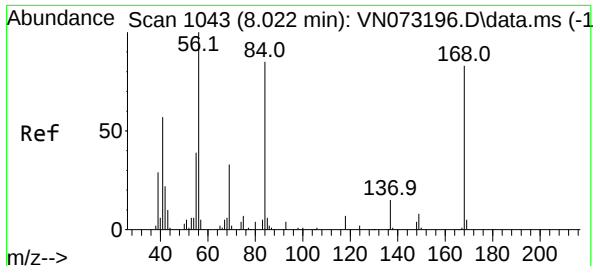
Tgt Ion:168 Resp: 315666
Ion Ratio Lower Upper
168 100
99 61.0 42.3 63.5



#16
Acetone
Concen: 1.086 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

Tgt Ion: 43 Resp: 2777
Ion Ratio Lower Upper
43 100
58 35.3 26.0 39.0





#31

Cyclohexane

Concen: 0.981 ug/l

RT: 8.022 min Scan# 1101

Delta R.T. -0.000 min

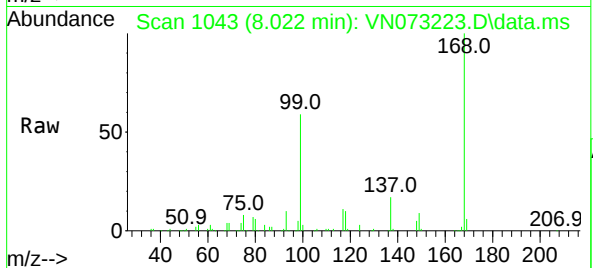
Lab File: VN073223.D

Acq: 29 Jun 2022 01:54

Instrument :

MSVOA_N

ClientSampleId :



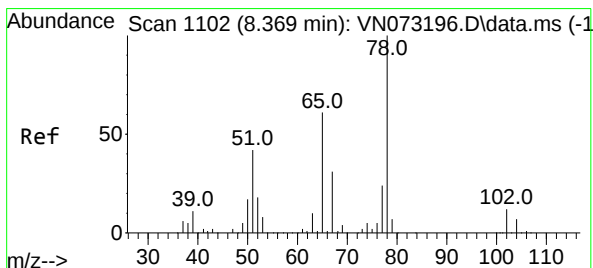
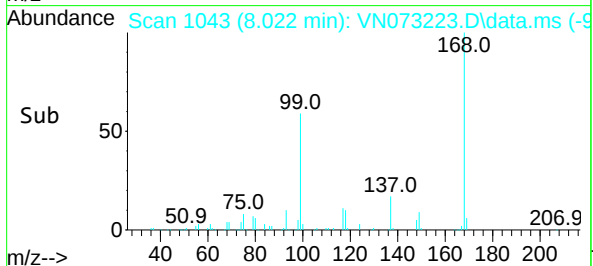
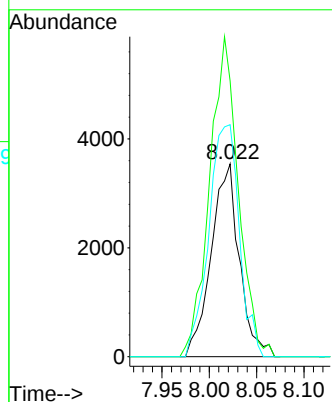
Tgt Ion: 56 Resp: 7324

Ion Ratio Lower Upper

56 100

69 143.0 27.8 41.8#

84 120.3 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 43.458 ug/l

RT: 8.363 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VN073223.D

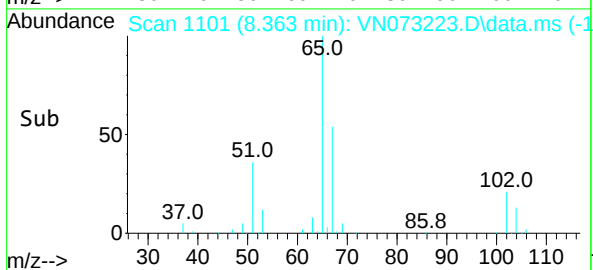
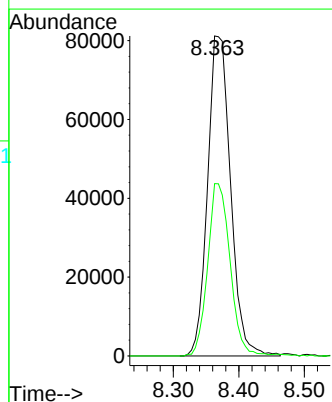
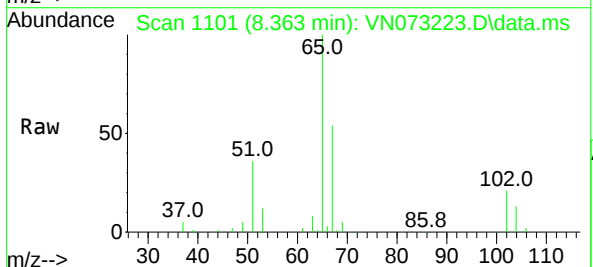
Acq: 29 Jun 2022 01:54

Tgt Ion: 65 Resp: 198038

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073223.D

Acq: 29 Jun 2022 01:54

Instrument :

MSVOA_N

ClientSampleId :

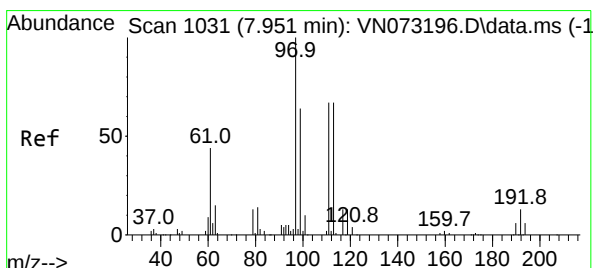
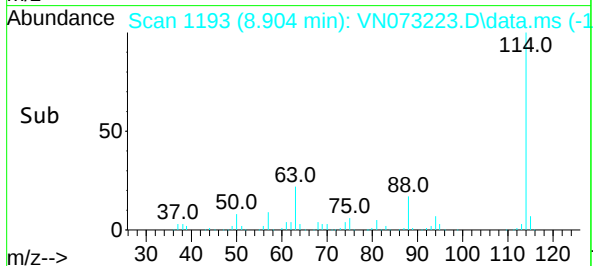
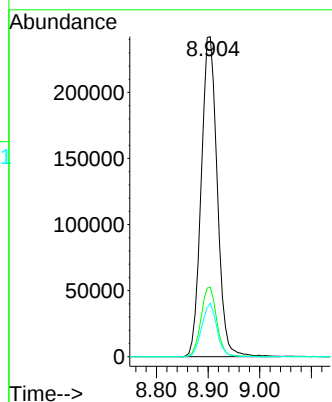
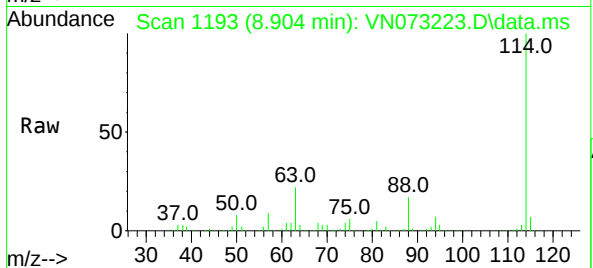
Tgt Ion:114 Resp: 521737

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.789 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073223.D

Acq: 29 Jun 2022 01:54

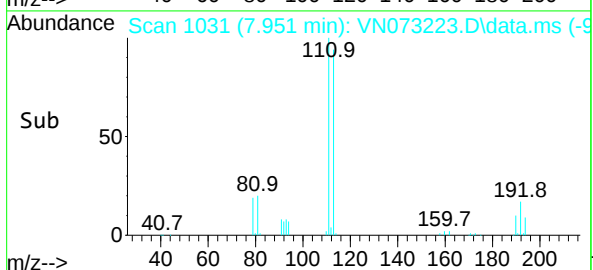
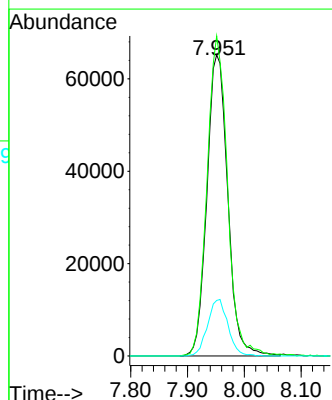
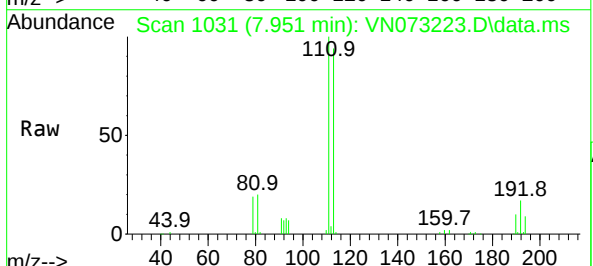
Tgt Ion:113 Resp: 165885

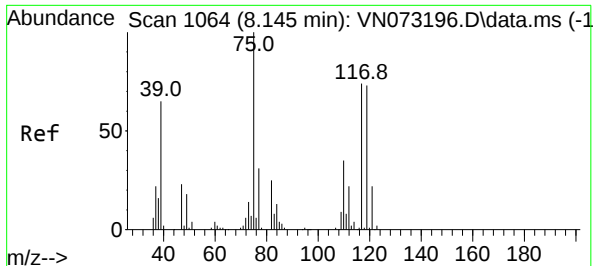
Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 18.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.931 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073223.D

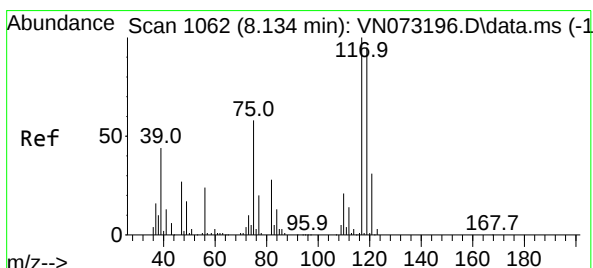
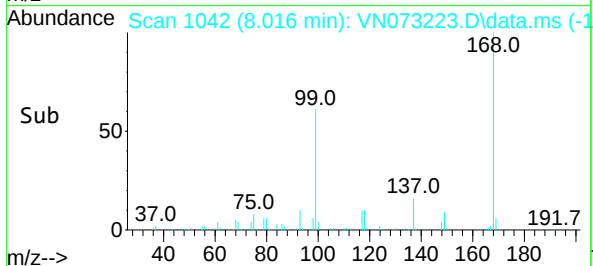
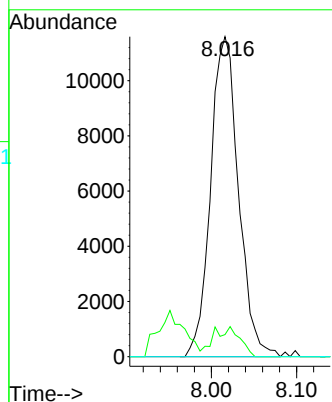
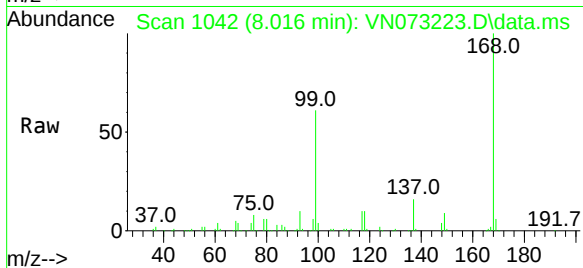
Acq: 29 Jun 2022 01:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 26337
Ion Ratio	Lower Upper
75	100
110	8.8 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.087 ug/l

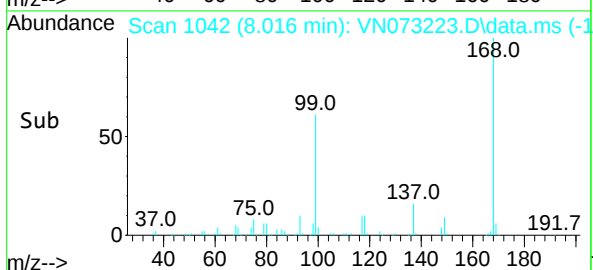
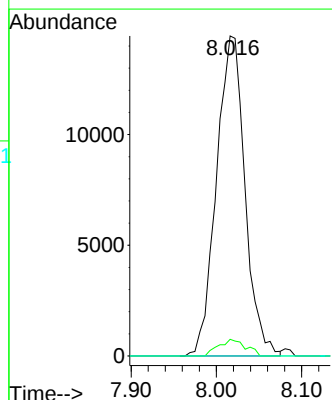
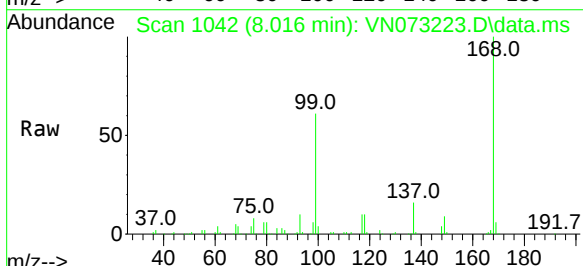
RT: 8.016 min Scan# 1042

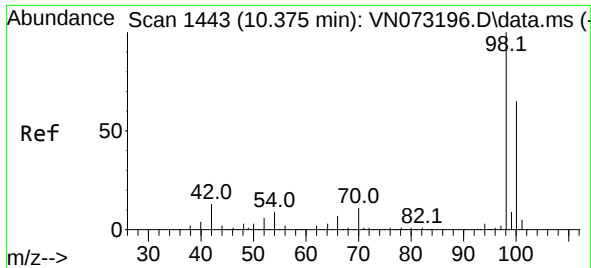
Delta R.T. -0.118 min

Lab File: VN073223.D

Acq: 29 Jun 2022 01:54

Tgt Ion: 117	Resp: 33623
Ion Ratio	Lower Upper
117	100
119	5.2 75.8 113.8#
121	0.0 24.6 37.0#

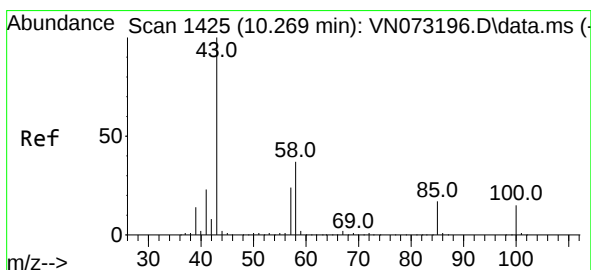
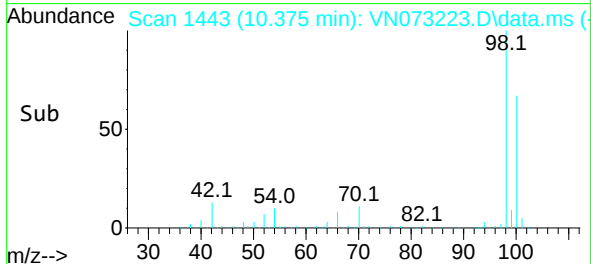
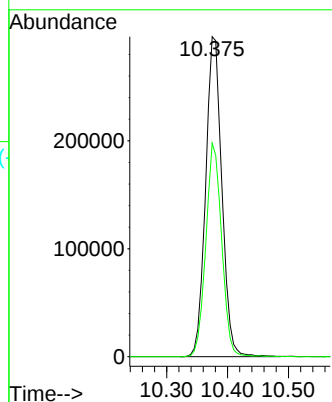
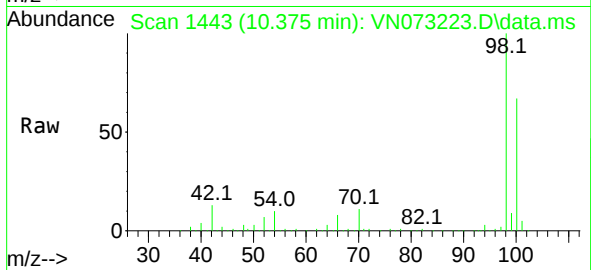




#50
Toluene-d8
Concen: 44.493 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

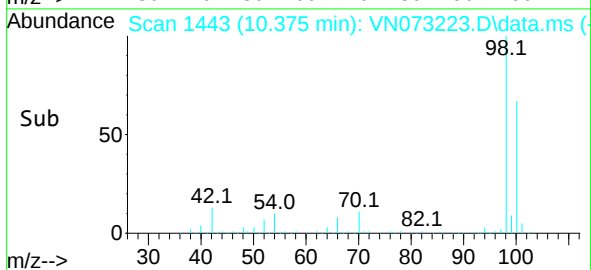
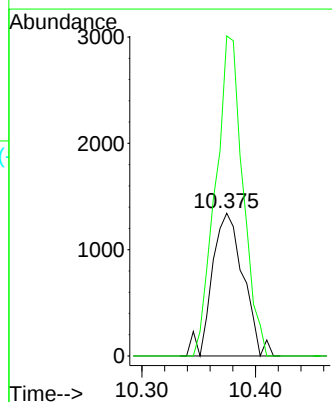
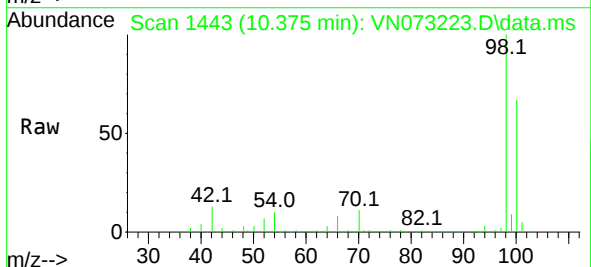
Instrument :
MSVOA_N
ClientSampleId :

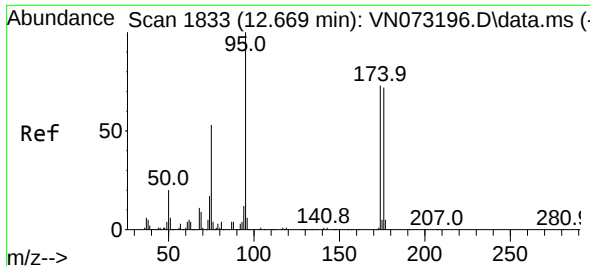
Tgt Ion: 98 Resp: 548529
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.348 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.106 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

Tgt Ion: 43 Resp: 2562
Ion Ratio Lower Upper
43 100
58 197.0 34.1 51.1#

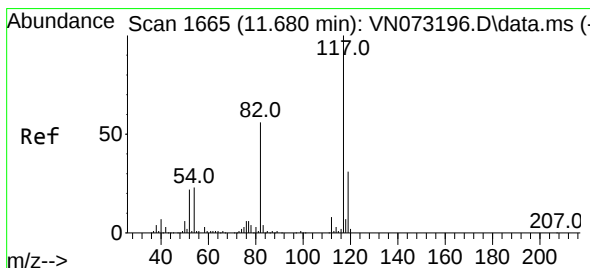
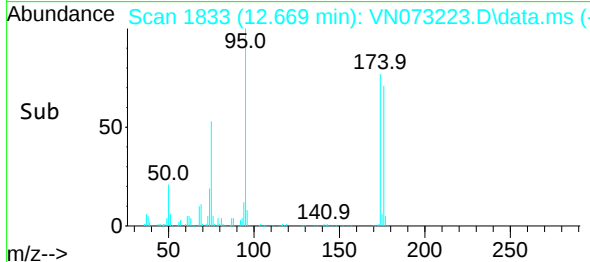
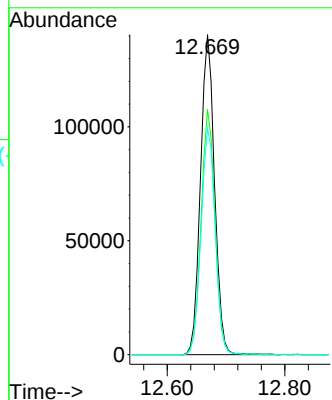
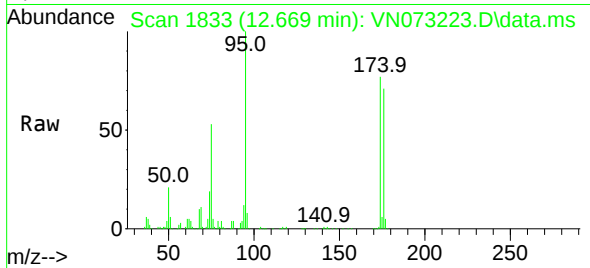




#62
4-Bromofluorobenzene
Concen: 49.123 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

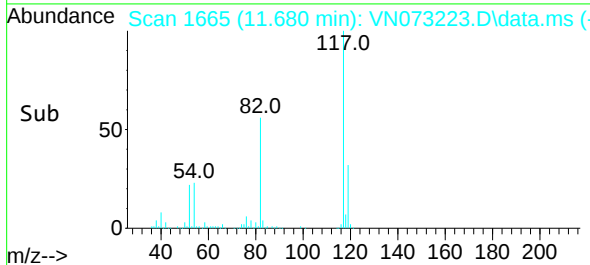
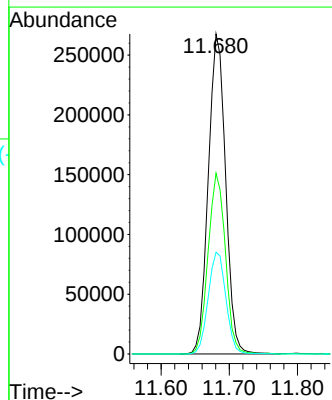
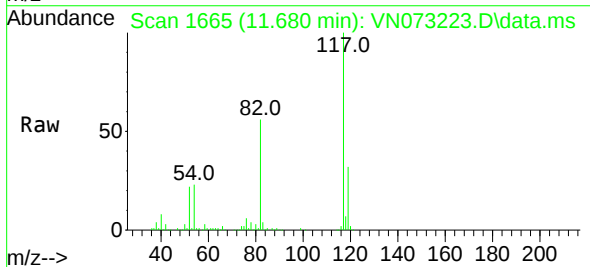
Instrument :
MSVOA_N
ClientSampleId :

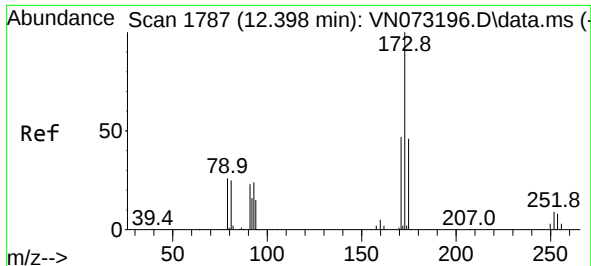
Tgt Ion: 95 Resp: 232734
Ion Ratio Lower Upper
95 100
174 75.7 0.0 167.6
176 71.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

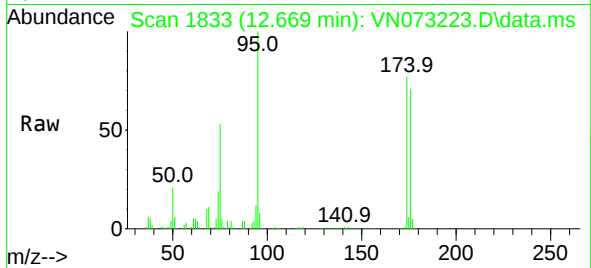
Tgt Ion: 117 Resp: 472675
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 31.8 25.4 38.0



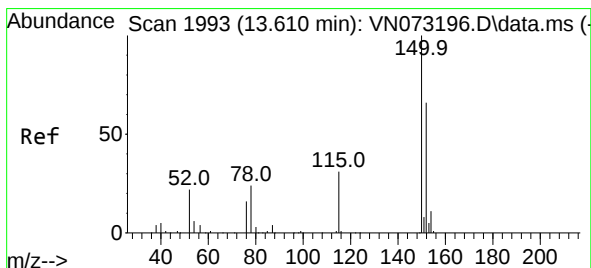
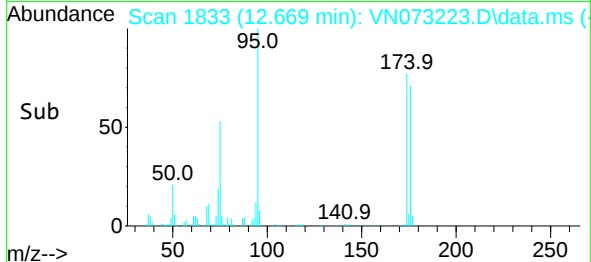
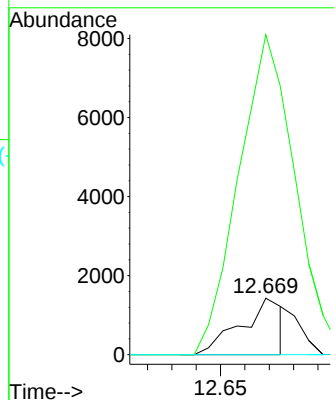


#71
Bromoform
Concen: 0.594 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

Instrument :
MSVOA_N
ClientSampleId :

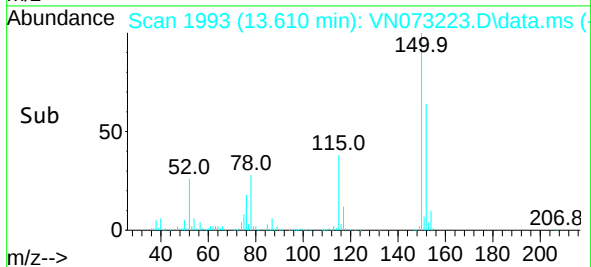
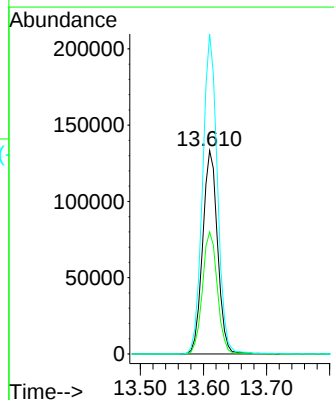
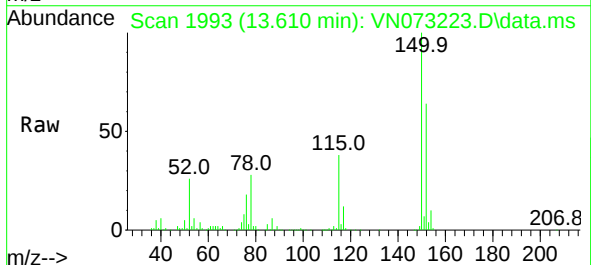


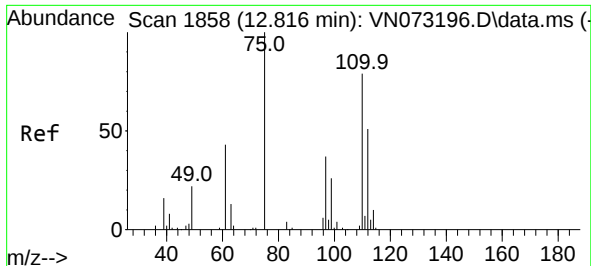
Tgt Ion:173 Resp: 1710
Ion Ratio Lower Upper
173 100
175 588.8 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

Tgt Ion:152 Resp: 219143
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 155.2 0.0 356.2

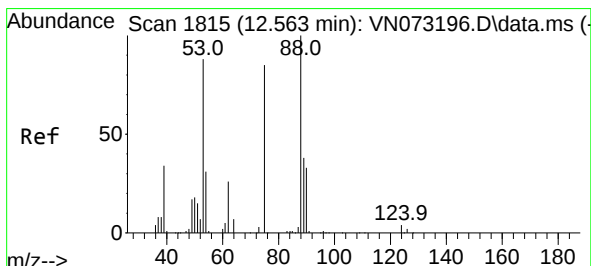
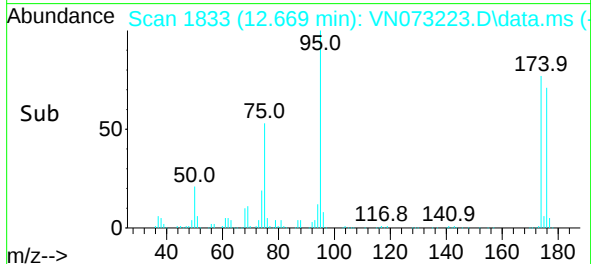
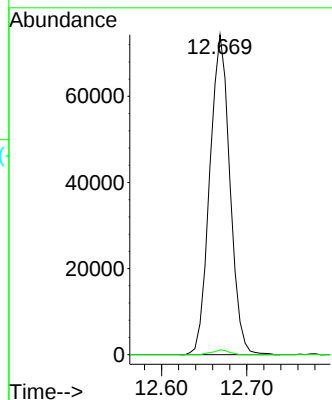
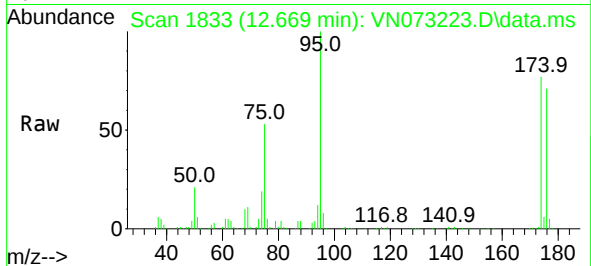




#76
1,2,3-Trichloropropane
Concen: 21.319 ug/l
RT: 12.669 min Scan# 1858
Delta R.T. -0.147 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 122159
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.466 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073223.D
Acq: 29 Jun 2022 01:54

Tgt Ion: 75 Resp: 122159
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

