

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073264.D
 Acq On : 30 Jun 2022 14:35
 Operator : JC\MD
 Sample : N3554-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 01 08:07:31 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)

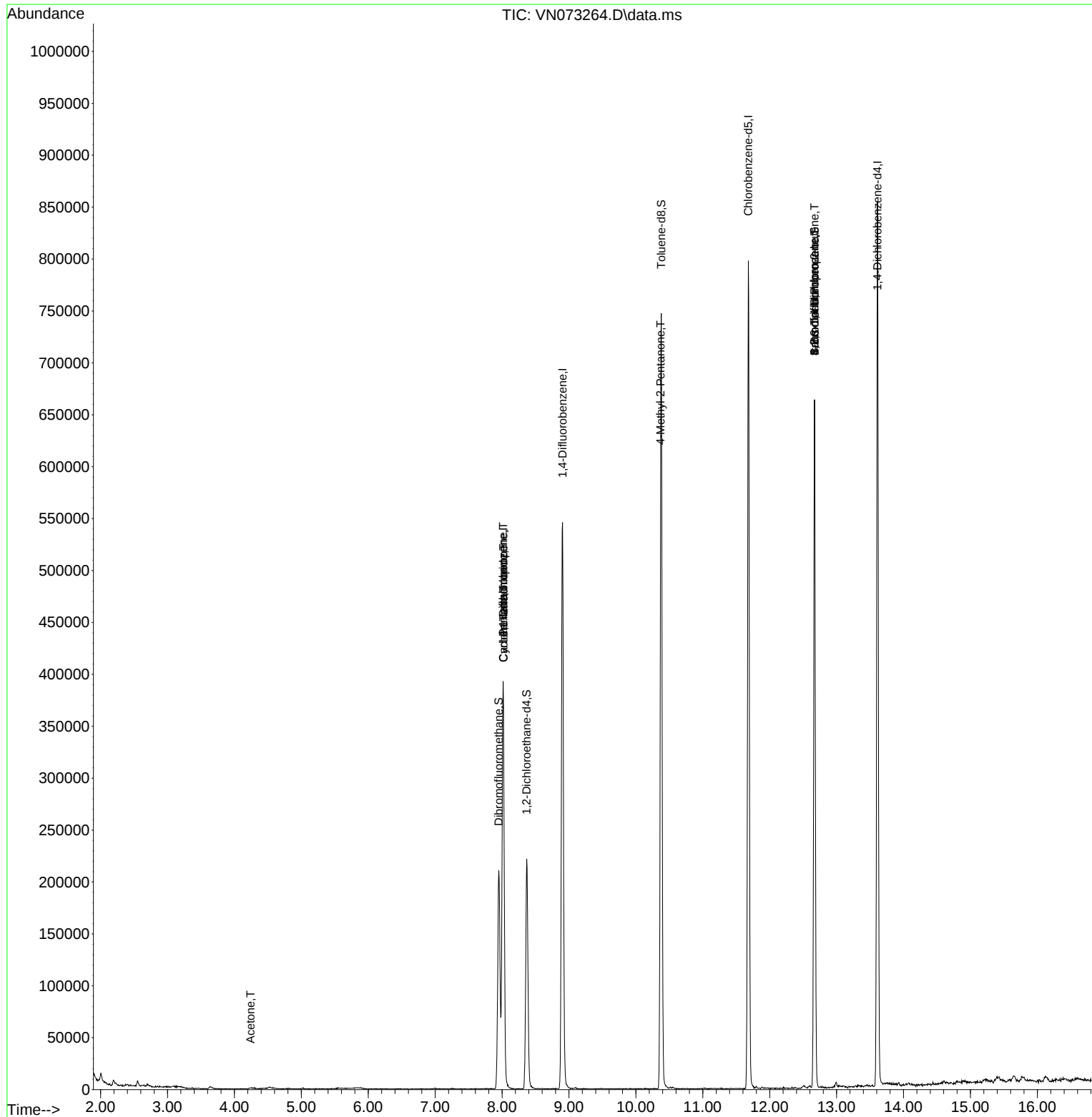
Internal Standards						
1) Pentafluorobenzene	8.016	168	291800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	491558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	460717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	230945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186778	44.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.680%
35) Dibromofluoromethane	7.951	113	157568	48.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	10.380	98	518346	44.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.669	95	228846	51.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.540%
Target Compounds						
					Qvalue	
16) Acetone	4.240	43	2492	1.054	ug/l #	73
31) Cyclohexane	8.022	56	6631	0.961	ug/l #	17
36) 1,1-Dichloropropene	8.016	75	24688	4.906	ug/l #	48
38) Carbon Tetrachloride	8.022	117	31307	6.016	ug/l #	16
51) 4-Methyl-2-Pentanone	10.369	43	2666	0.385	ug/l #	1
71) Bromoform	12.669	173	1775	0.633	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	119426	19.777	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	119426	54.237	ug/l #	10

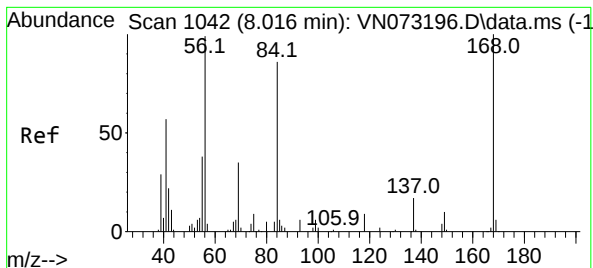
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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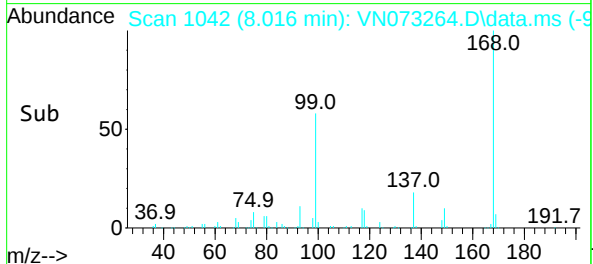
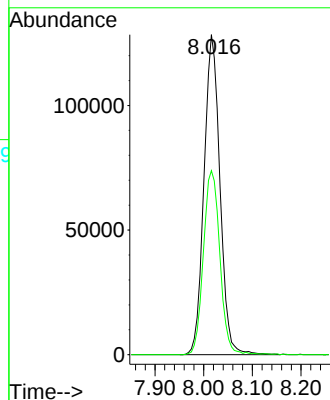
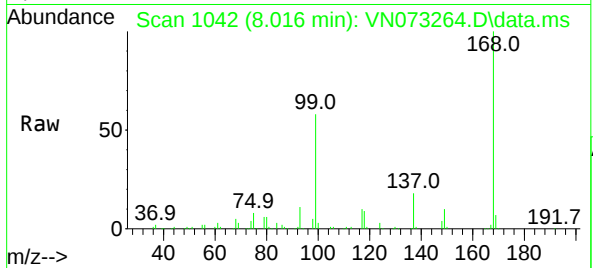




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

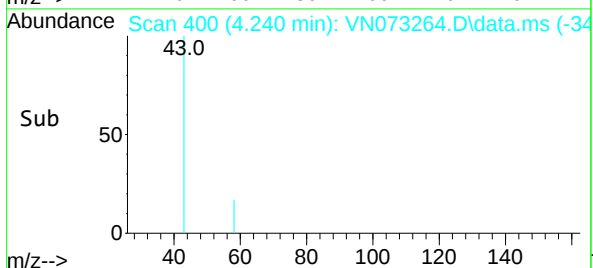
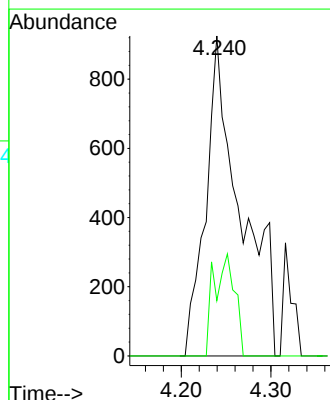
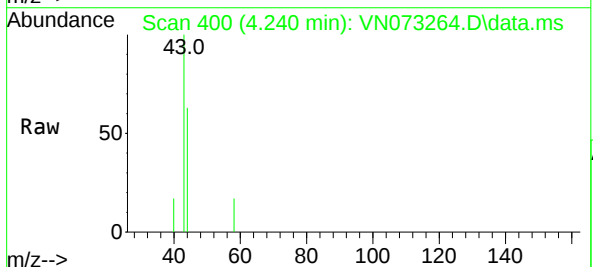
Instrument :
MSVOA_N
ClientSampleId :

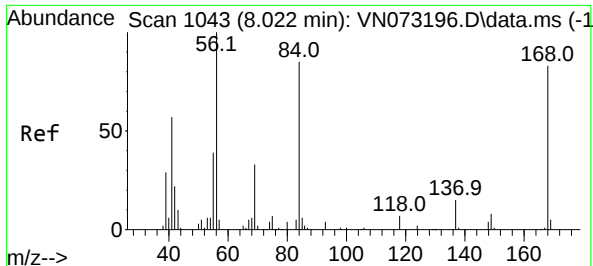
Tgt Ion:168 Resp: 291800
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#16
Acetone
Concen: 1.054 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

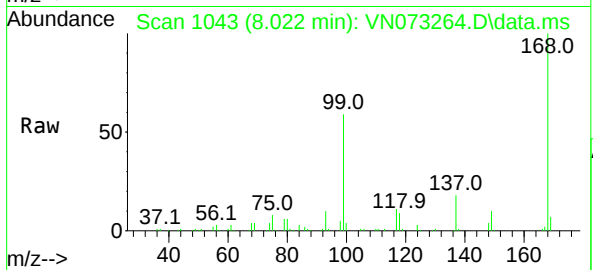
Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
58 17.3 26.0 39.0#



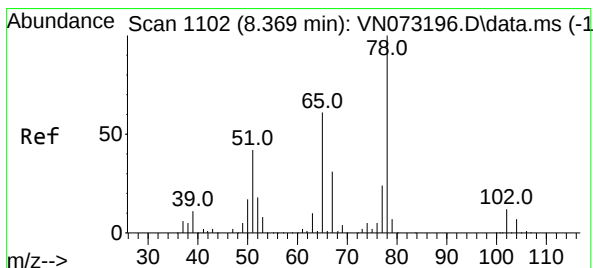
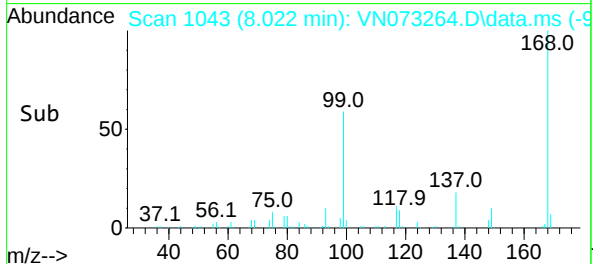
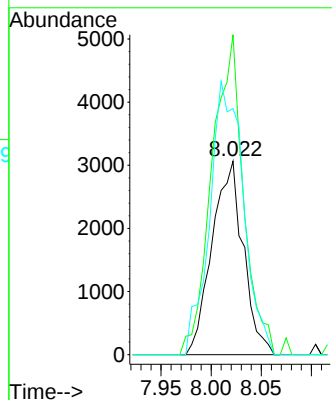


#31
Cyclohexane
Concen: 0.961 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :

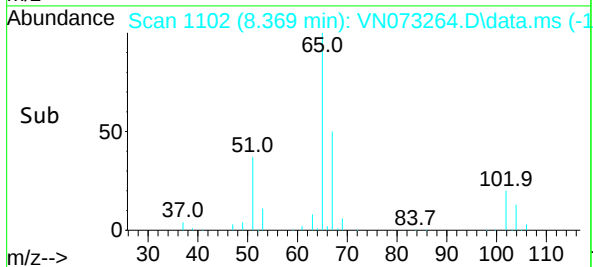
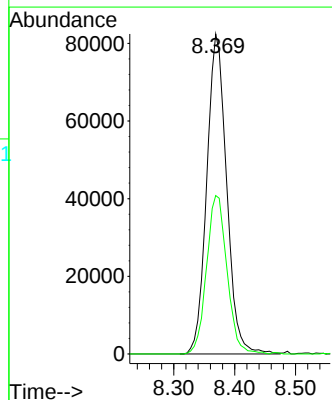
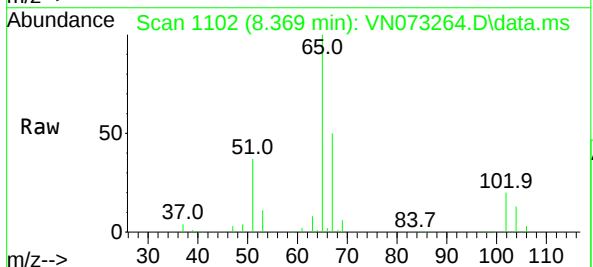


Tgt Ion: 56 Resp: 6631
Ion Ratio Lower Upper
56 100
69 165.4 27.8 41.8#
84 127.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 44.339 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

Tgt Ion: 65 Resp: 186778
Ion Ratio Lower Upper
65 100
67 51.0 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: VN073264.D

Acq: 30 Jun 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

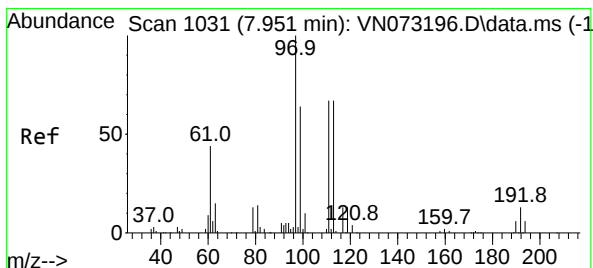
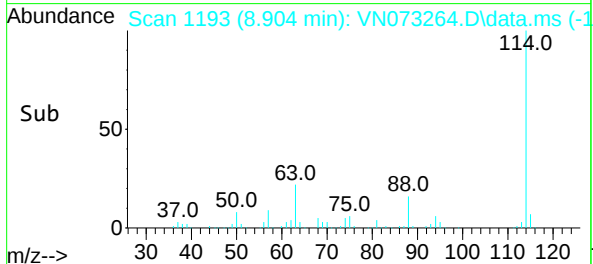
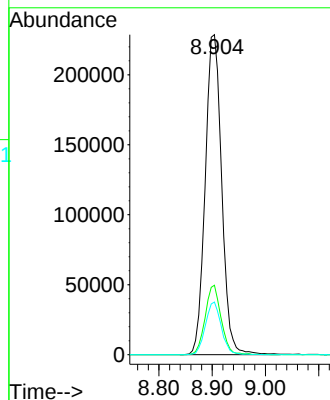
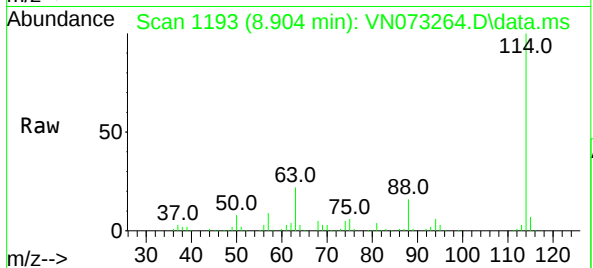
Tgt Ion:114 Resp: 491558

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.180 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073264.D

Acq: 30 Jun 2022 14:35

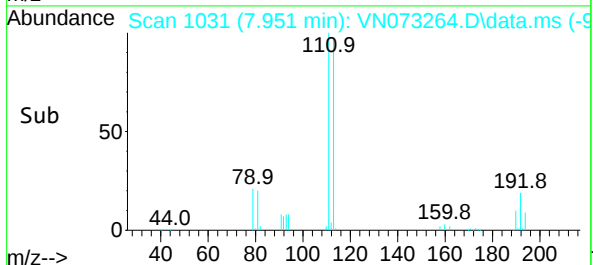
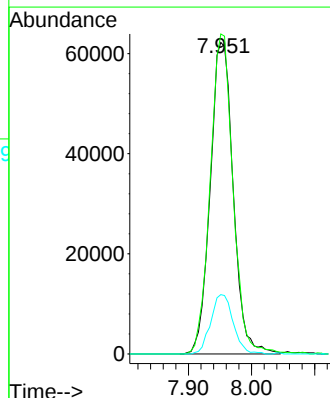
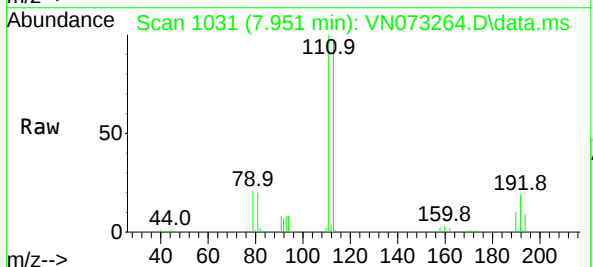
Tgt Ion:113 Resp: 157568

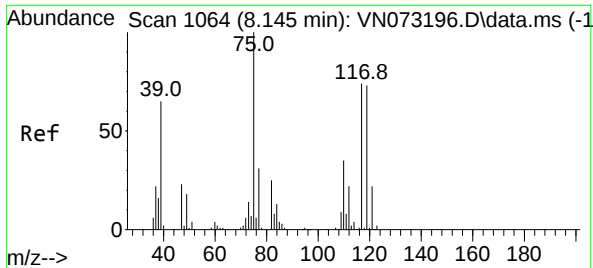
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

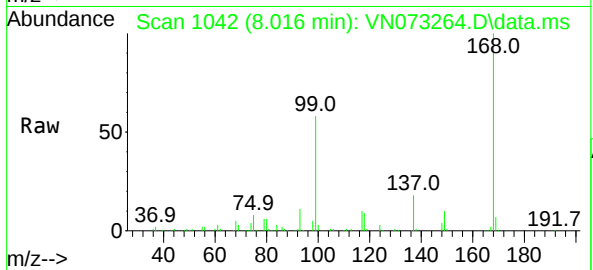
192 18.6 17.0 25.6



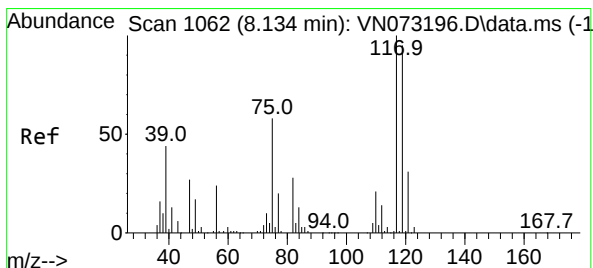
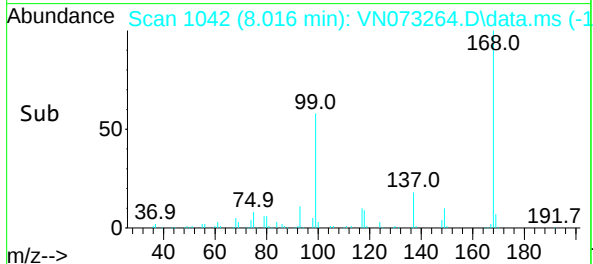
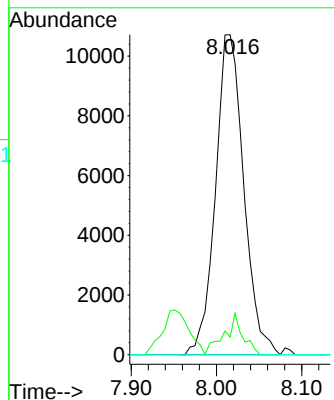


#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :

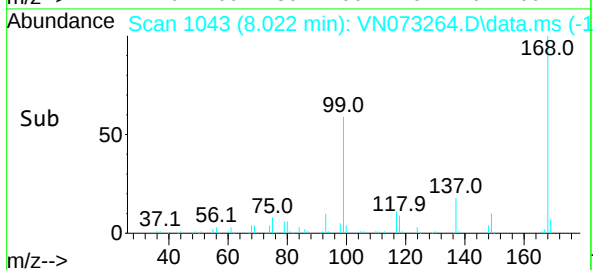
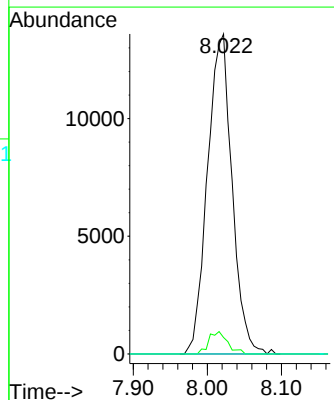
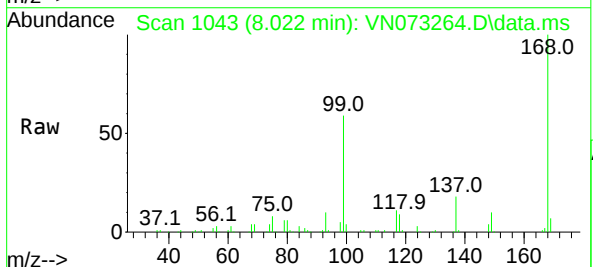


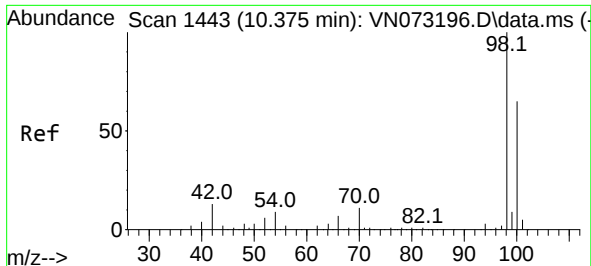
Tgt Ion: 75 Resp: 24688
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

Tgt Ion: 117 Resp: 31307
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#

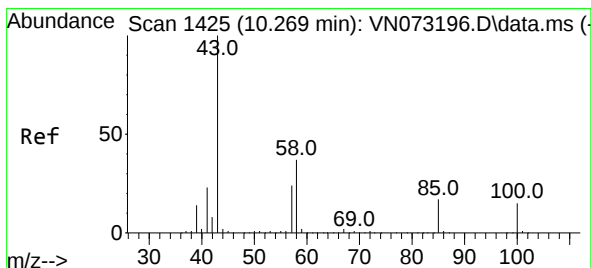
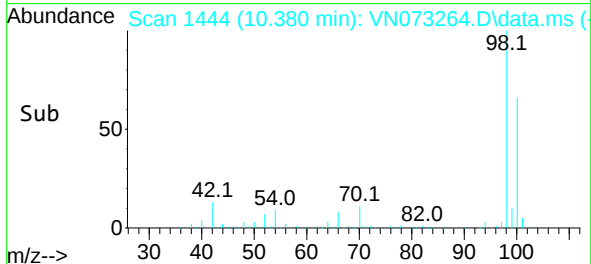
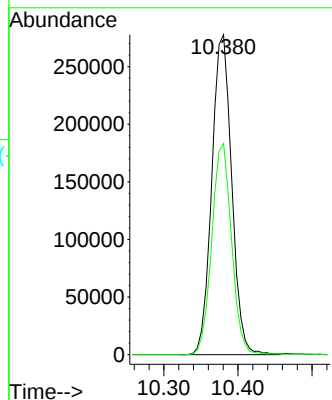
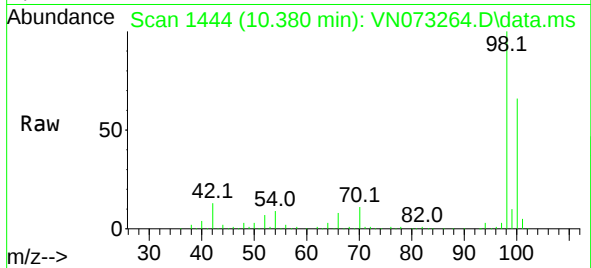




#50
Toluene-d8
Concen: 44.626 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

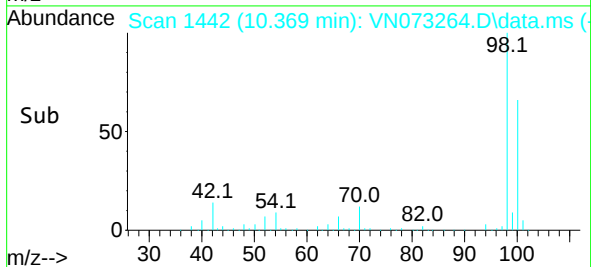
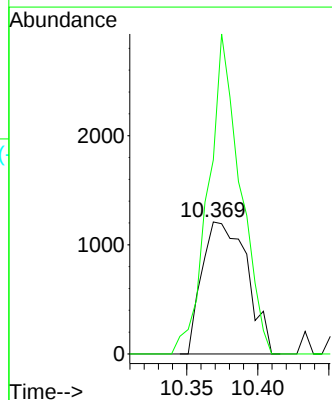
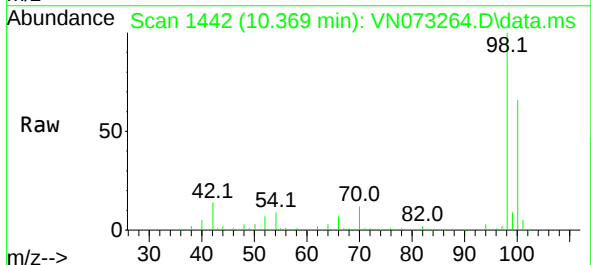
Instrument :
MSVOA_N
ClientSampleId :

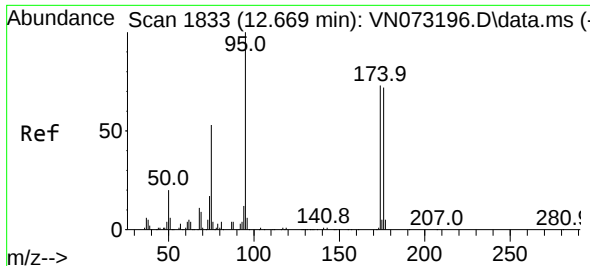
Tgt Ion: 98 Resp: 518346
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.385 ug/l
RT: 10.369 min Scan# 1442
Delta R.T. 0.100 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

Tgt Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
58 172.9 34.1 51.1#

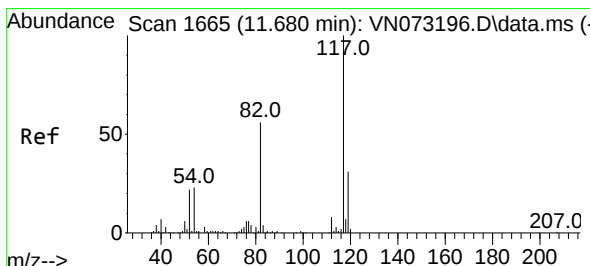
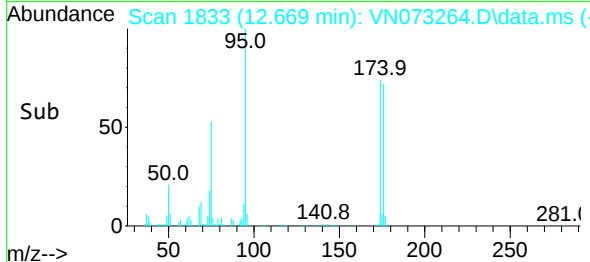
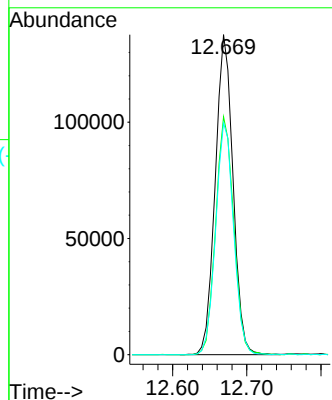
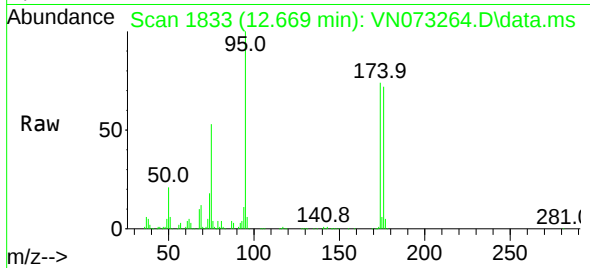




#62
4-Bromofluorobenzene
Concen: 51.268 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

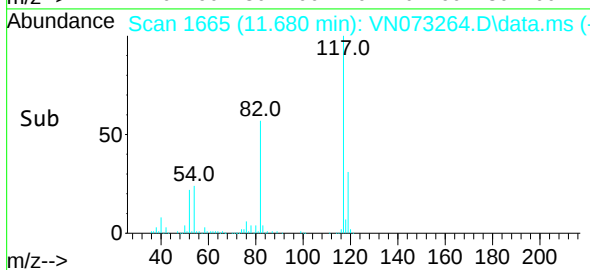
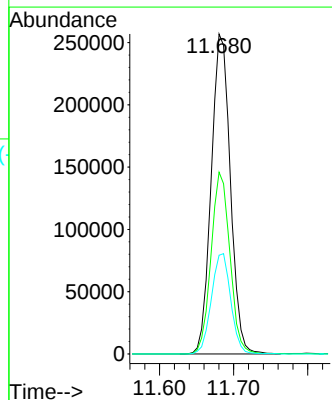
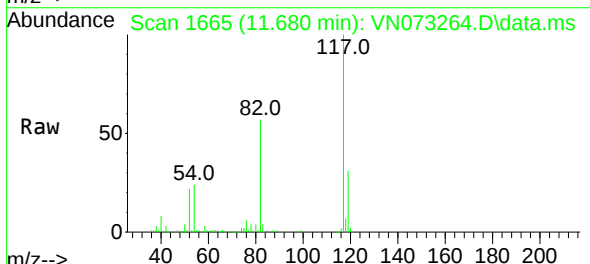
Instrument :
MSVOA_N
ClientSampleId :

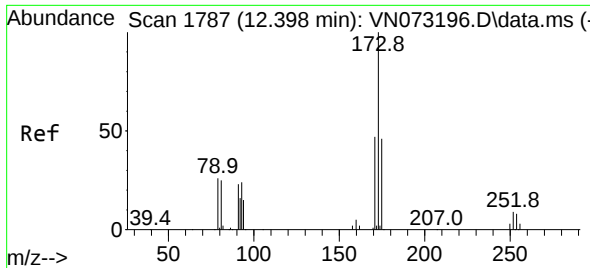
Tgt Ion: 95 Resp: 228846
Ion Ratio Lower Upper
95 100
174 75.7 0.0 167.6
176 73.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

Tgt Ion: 117 Resp: 460717
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 30.8 25.4 38.0

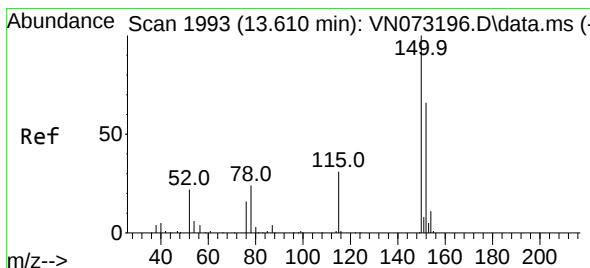
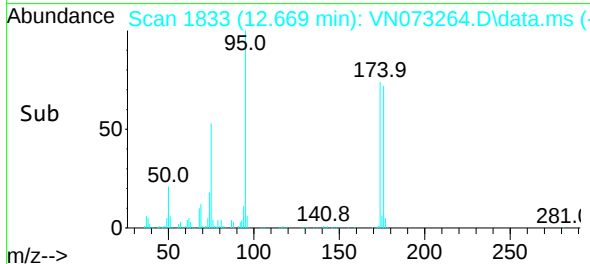
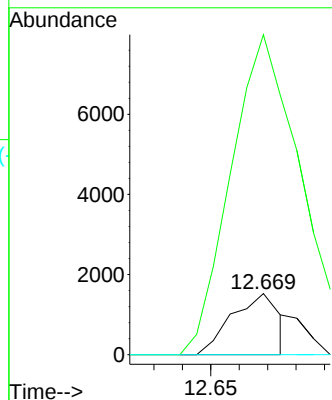
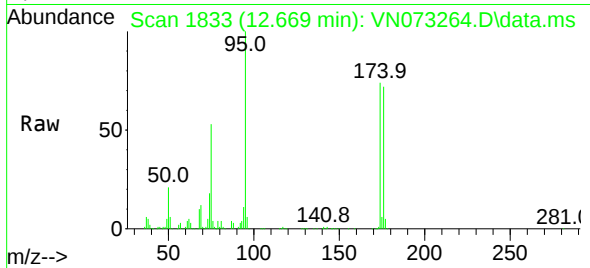




#71
Bromoform
Concen: 0.633 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

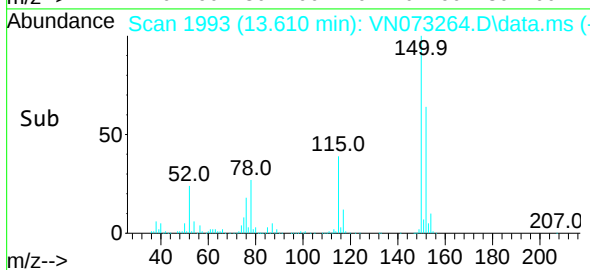
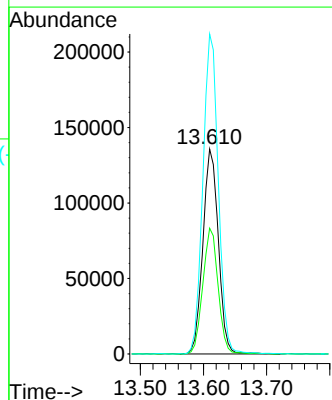
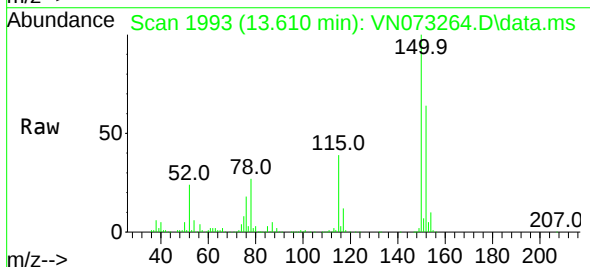
Instrument :
MSVOA_N
ClientSampleId :

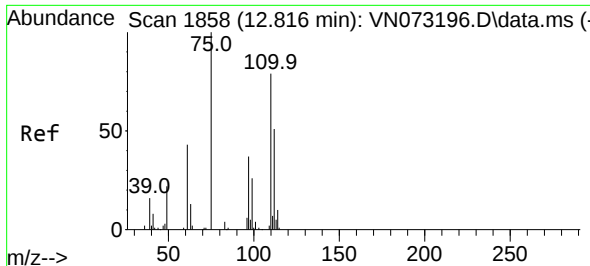
Tgt Ion:173 Resp: 1775
Ion Ratio Lower Upper
173 100
175 563.4 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

Tgt Ion:152 Resp: 230945
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 155.9 0.0 356.2

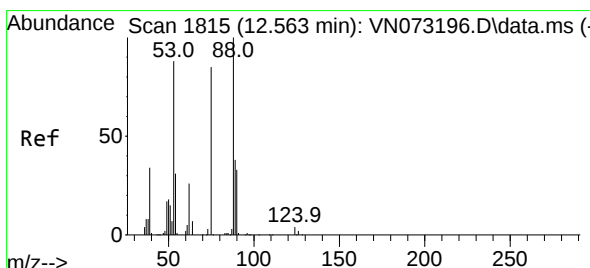
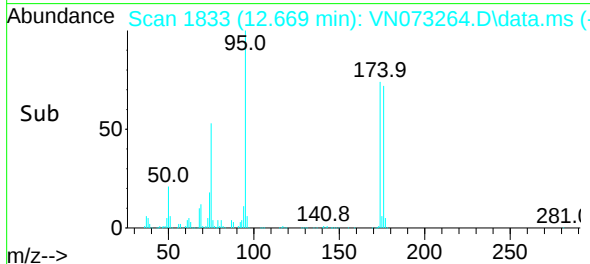
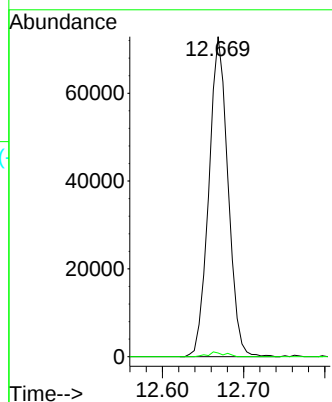
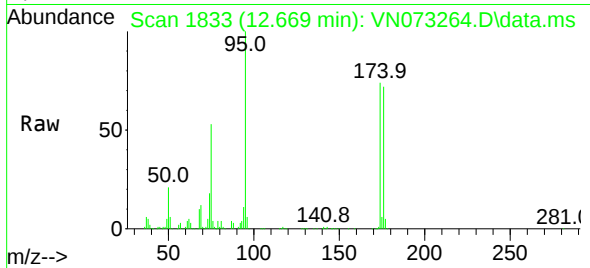




#76
1,2,3-Trichloropropane
Concen: 19.777 ug/l
RT: 12.669 min Scan# 1858
Delta R.T. -0.147 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 119426
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.237 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073264.D
Acq: 30 Jun 2022 14:35

Tgt Ion: 75 Resp: 119426
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

