

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073220.D
 Acq On : 29 Jun 2022 00:41
 Operator : JC\MD
 Sample : N3409-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jun 29 02:05:14 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)

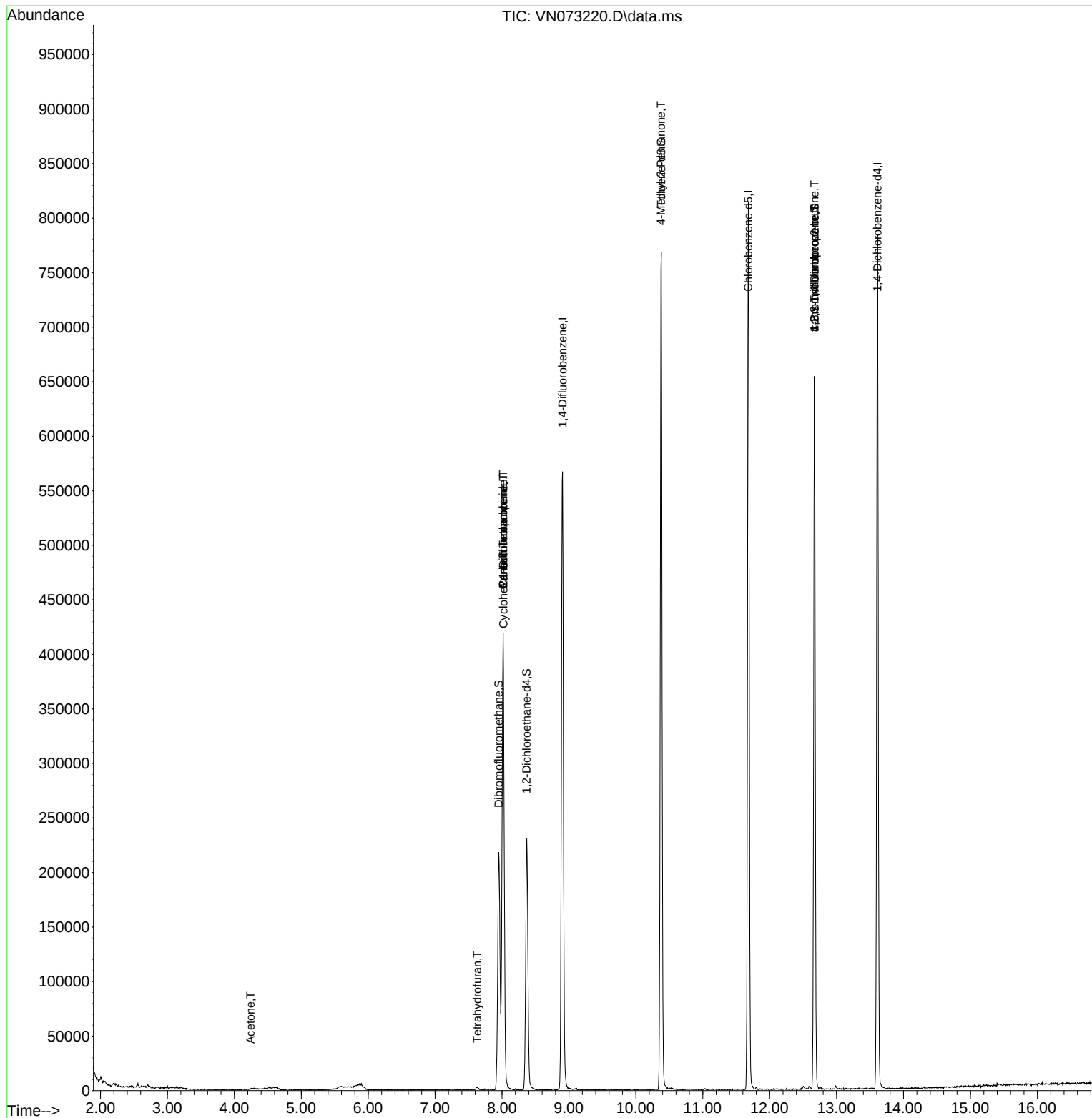
Internal Standards						
1) Pentafluorobenzene	8.016	168	310810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	505554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	456392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	203935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	192541	42.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.820%
35) Dibromofluoromethane	7.951	113	160381	47.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	10.381	98	533124	44.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.669	95	219231	47.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.500%
Target Compounds						
					Qvalue	
16) Acetone	4.240	43	2255	0.895	ug/l	91
29) Tetrahydrofuran	7.628	42	1657	0.604	ug/l #	76
31) Cyclohexane	8.022	56	6812	0.927	ug/l #	34
36) 1,1-Dichloropropene	8.016	75	25638	4.954	ug/l #	49
38) Carbon Tetrachloride	8.016	117	31955	5.971	ug/l #	16
51) 4-Methyl-2-Pentanone	10.375	43	2762	0.388	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	114837	21.535	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	114837	59.060	ug/l #	10

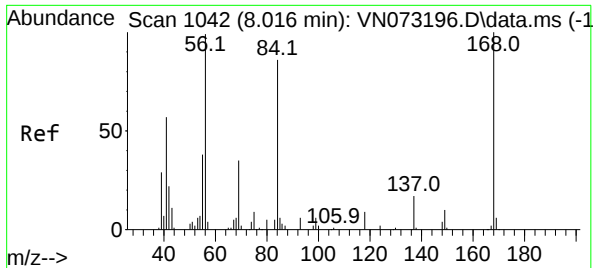
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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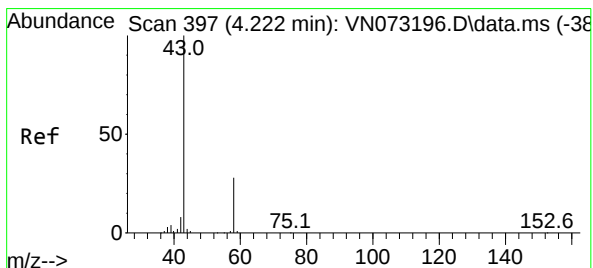
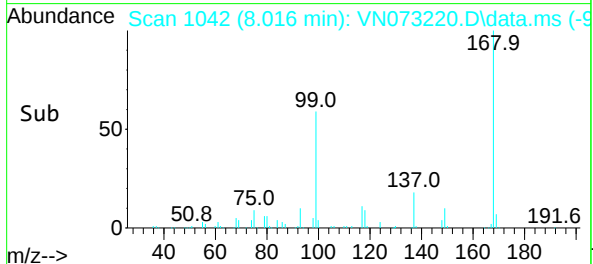
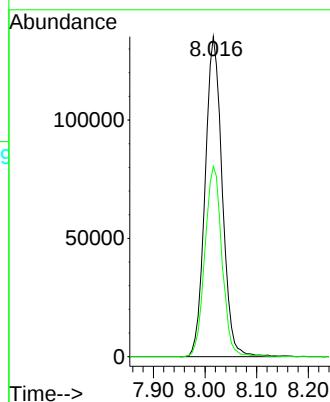
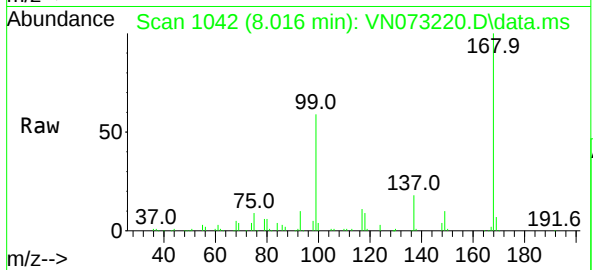




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

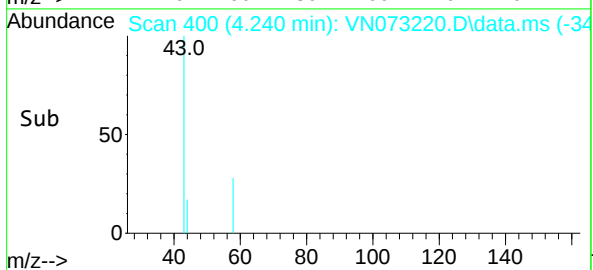
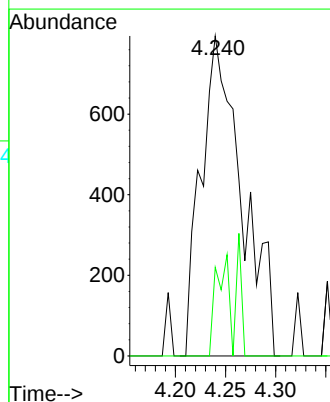
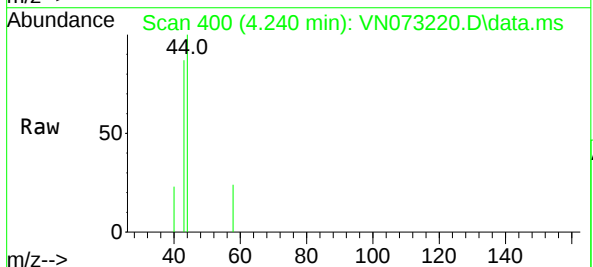
Instrument :
MSVOA_N
ClientSampleId :
MW-1

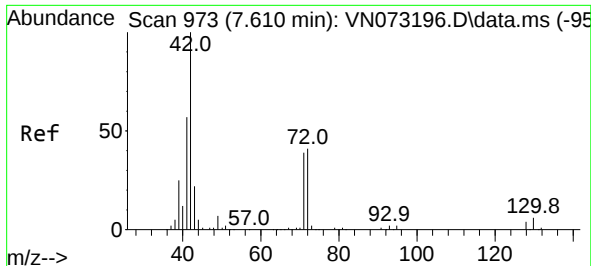
Tgt Ion:168 Resp: 310810
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#16
Acetone
Concen: 0.895 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
58 27.7 26.0 39.0





#29

Tetrahydrofuran

Concen: 0.604 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073220.D

Acq: 29 Jun 2022 00:41

Instrument :

MSVOA_N

ClientSampleId :

MW-1

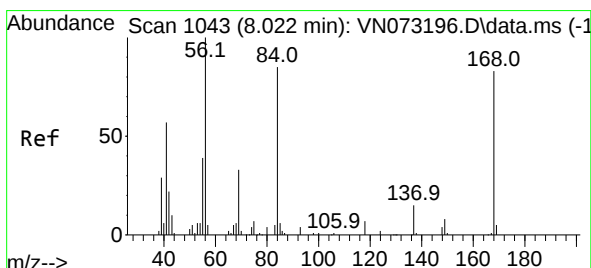
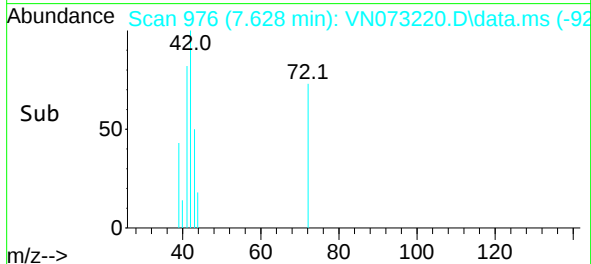
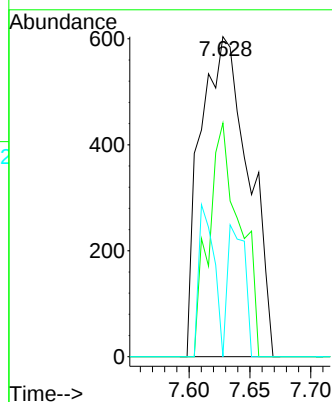
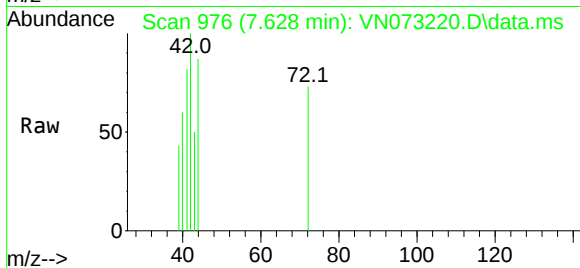
Tgt Ion: 42 Resp: 1657

Ion Ratio Lower Upper

42 100

72 47.6 39.7 59.5

71 14.7 36.6 55.0#



#31

Cyclohexane

Concen: 0.927 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073220.D

Acq: 29 Jun 2022 00:41

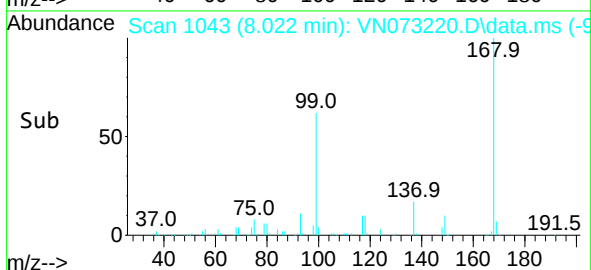
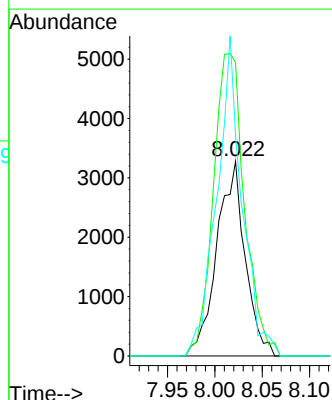
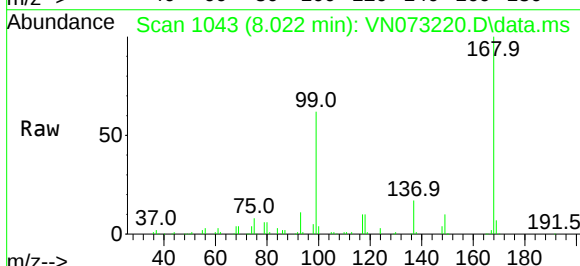
Tgt Ion: 56 Resp: 6812

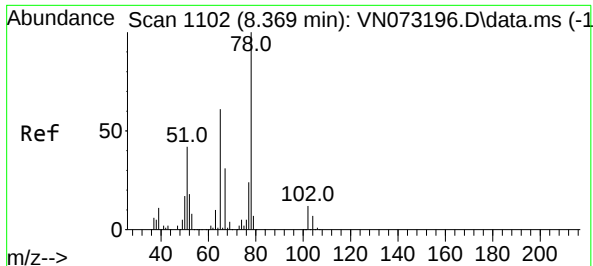
Ion Ratio Lower Upper

56 100

69 150.9 27.8 41.8#

84 113.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 42.912 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073220.D

Acq: 29 Jun 2022 00:41

Instrument :

MSVOA_N

ClientSampleId :

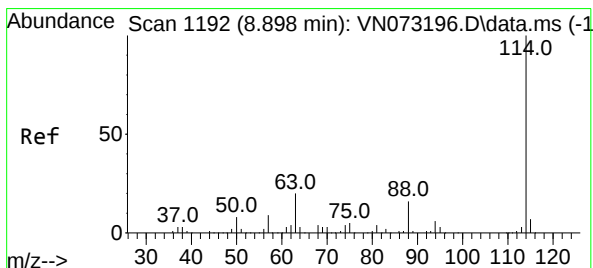
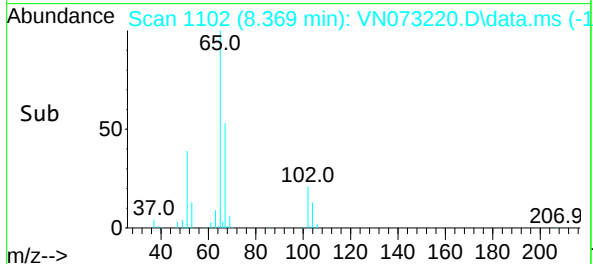
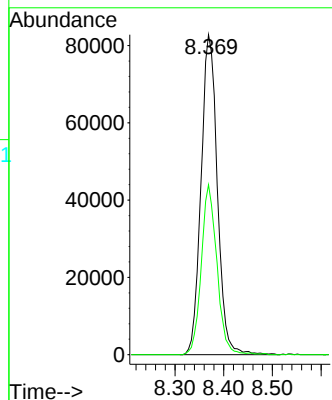
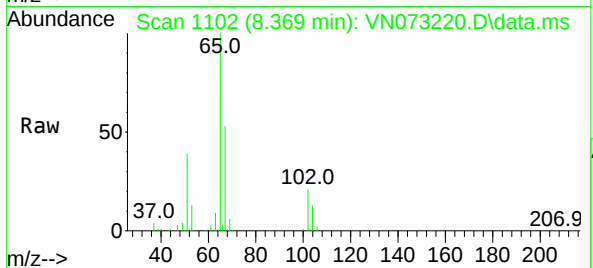
MW-1

Tgt Ion: 65 Resp: 192541

Ion Ratio Lower Upper

65 100

67 50.9 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: VN073220.D

Acq: 29 Jun 2022 00:41

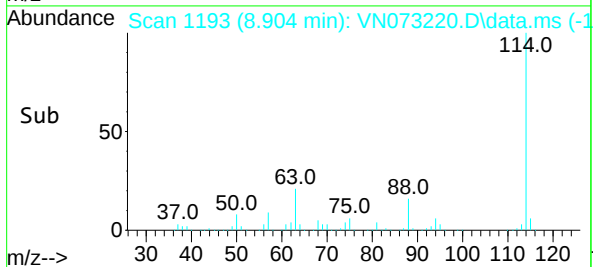
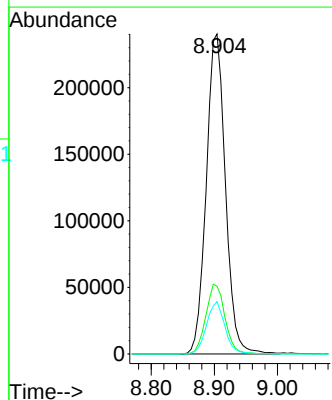
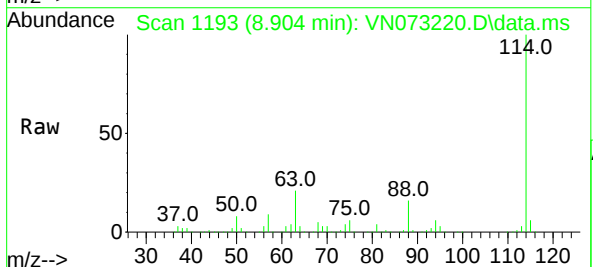
Tgt Ion: 114 Resp: 505554

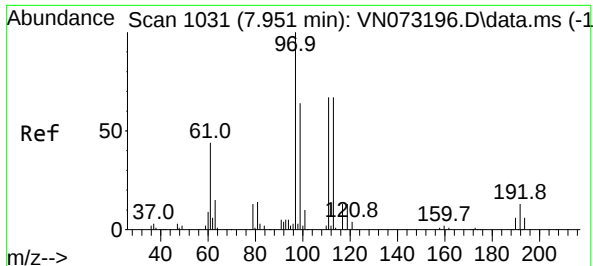
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 16.4 0.0 32.6

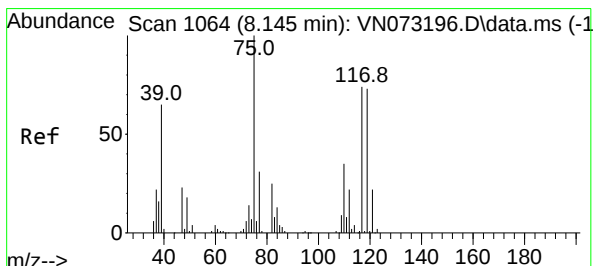
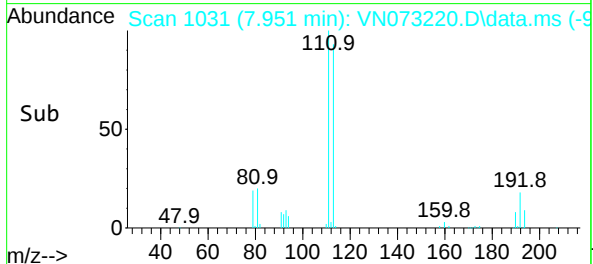
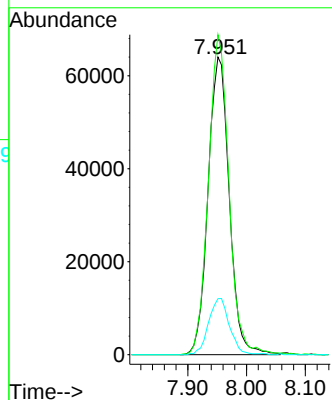
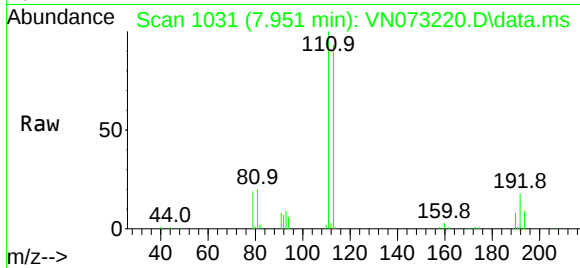




#35
Dibromofluoromethane
Concen: 47.682 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

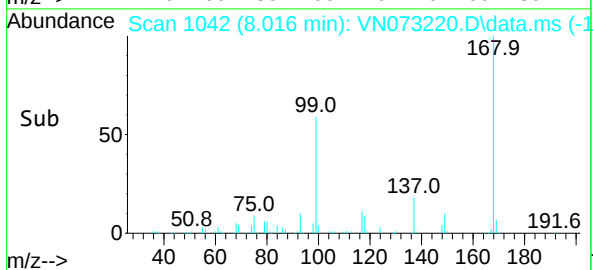
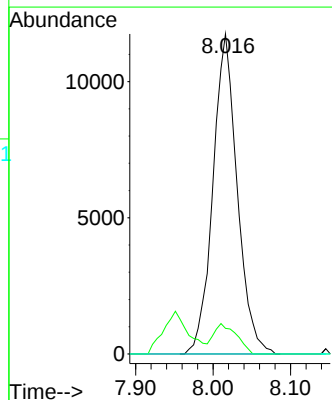
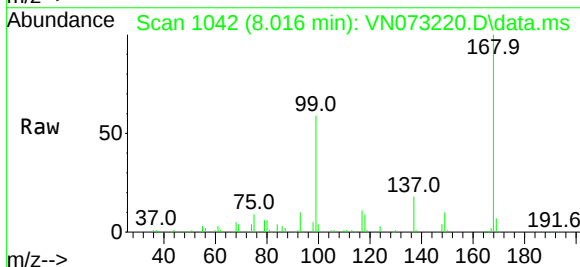
Instrument :
MSVOA_N
ClientSampleId :
MW-1

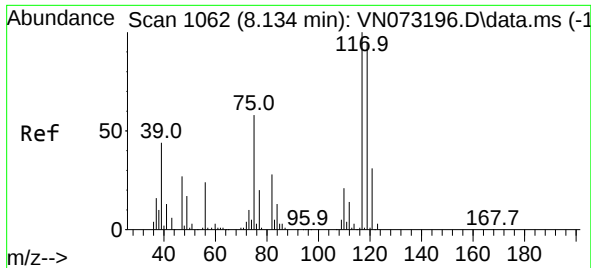
Tgt Ion:113 Resp: 160381
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 18.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

Tgt Ion: 75 Resp: 25638
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#

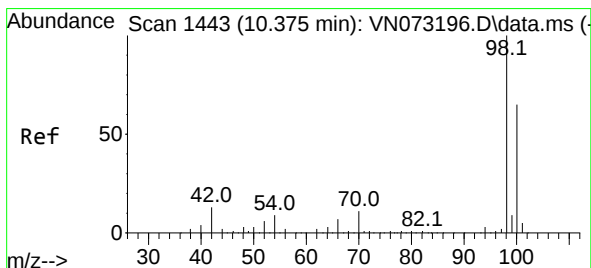
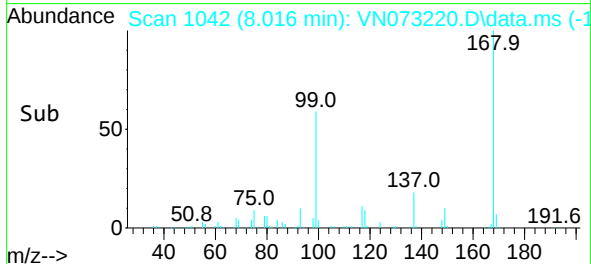
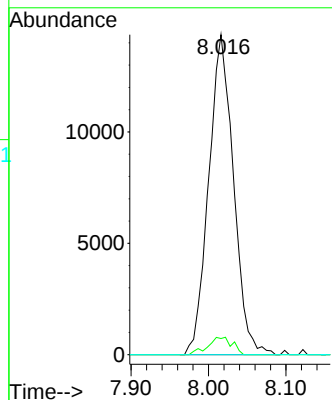
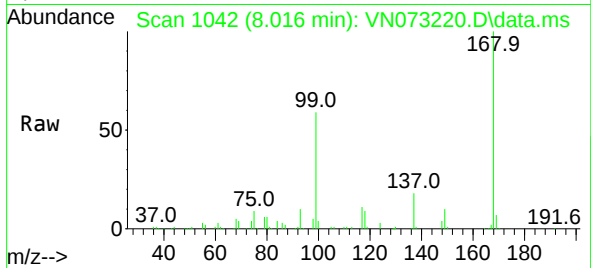




#38
Carbon Tetrachloride
Concen: 5.971 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

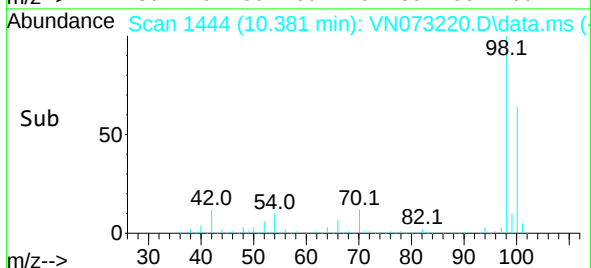
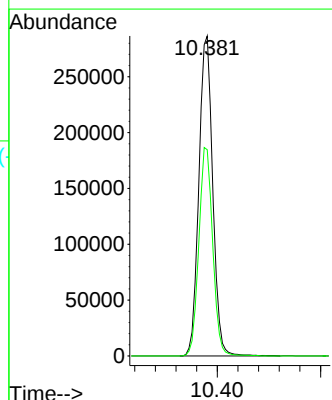
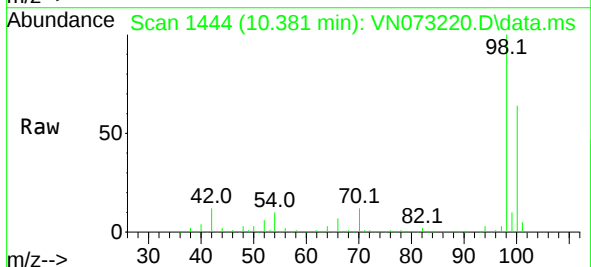
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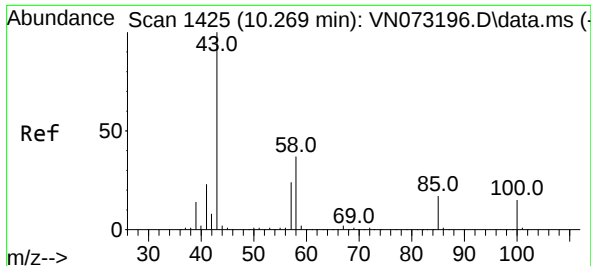
Tgt Ion:117 Resp: 31955
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.627 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

Tgt Ion: 98 Resp: 533124
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

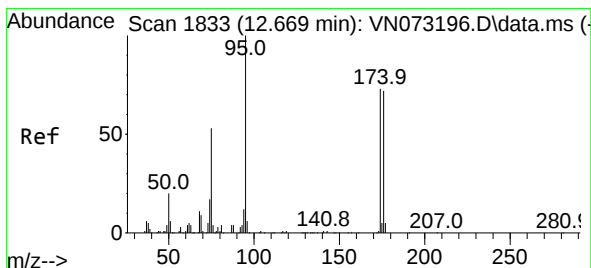
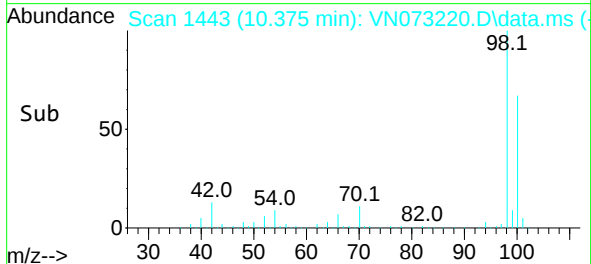
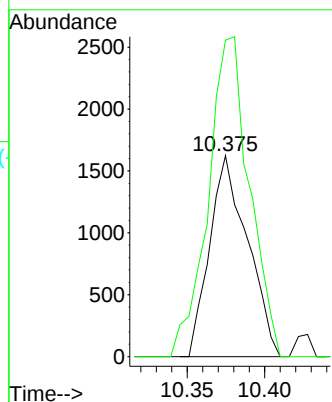
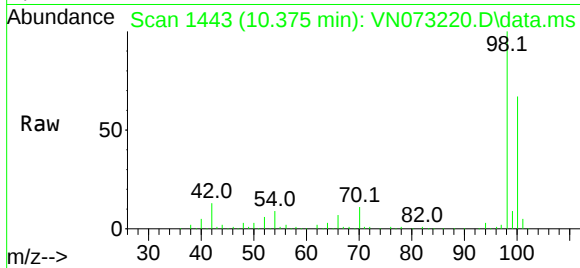




#51
4-Methyl-2-Pentanone
Concen: 0.388 ug/l
RT: 10.375 min Scan# 1425
Delta R.T. 0.106 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

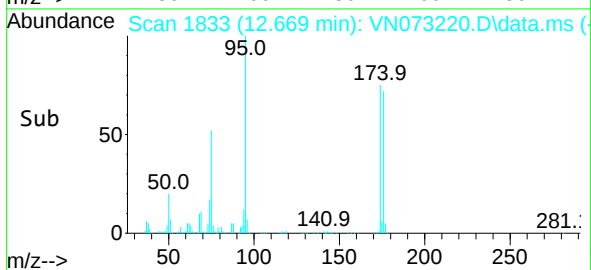
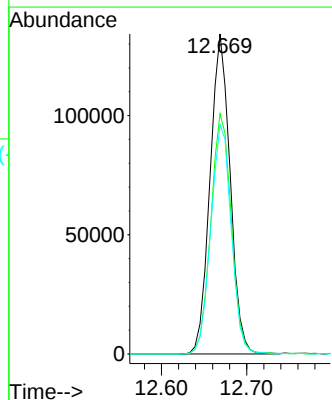
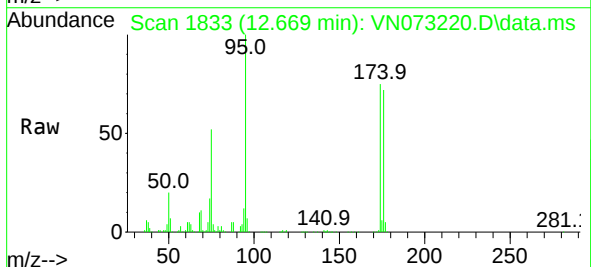
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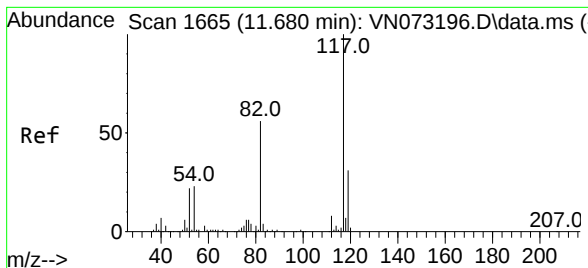
Tgt Ion: 43 Resp: 2762
Ion Ratio Lower Upper
43 100
58 173.0 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 47.754 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

Tgt Ion: 95 Resp: 219231
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 73.1 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: VN073220.D

Acq: 29 Jun 2022 00:41

Instrument :

MSVOA_N

ClientSampleId :

MW-1

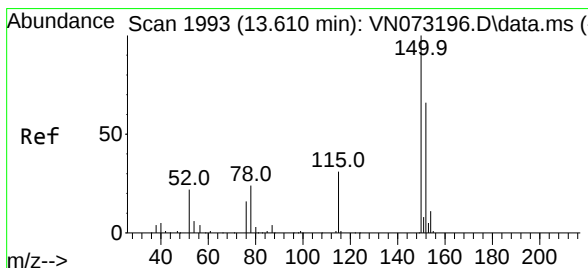
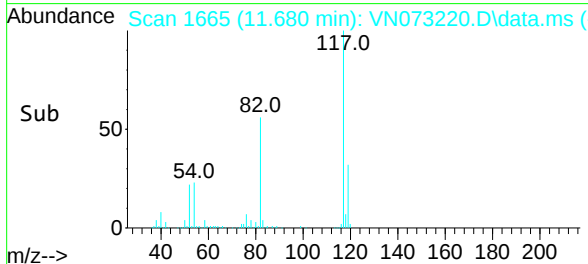
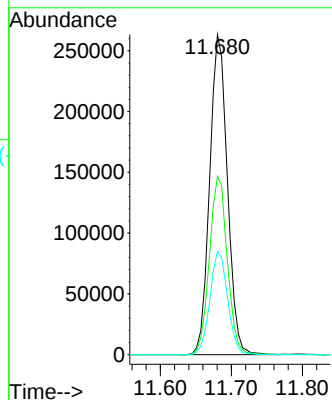
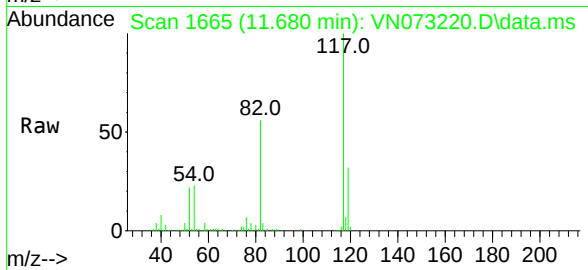
Tgt Ion:117 Resp: 456392

Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073220.D

Acq: 29 Jun 2022 00:41

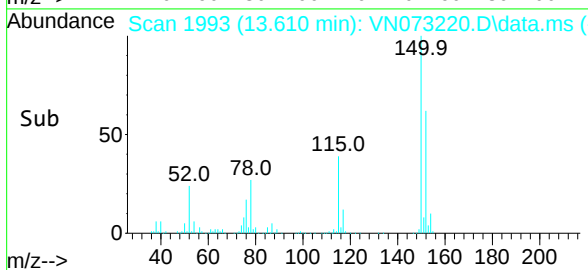
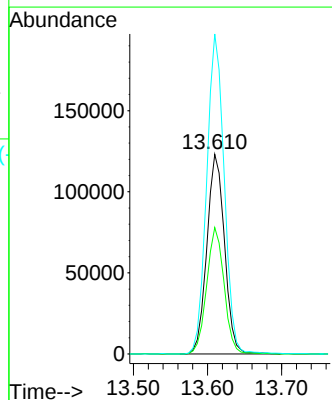
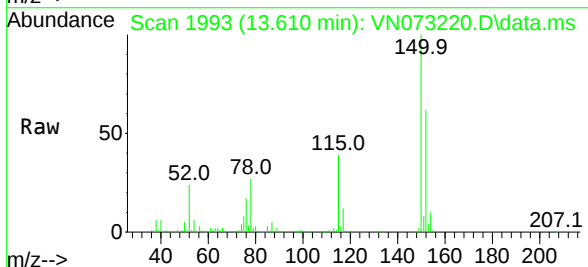
Tgt Ion:152 Resp: 203935

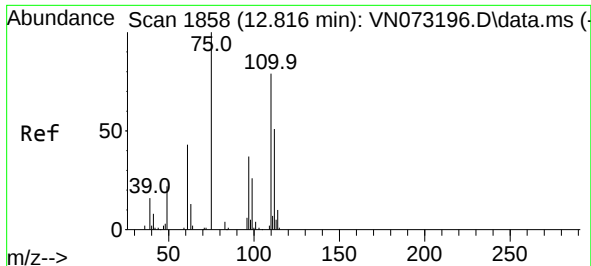
Ion Ratio Lower Upper

152 100

115 62.4 28.9 86.7

150 159.0 0.0 356.2

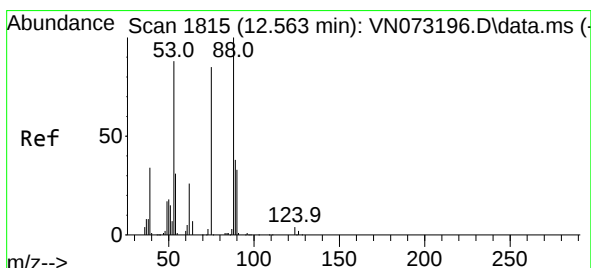
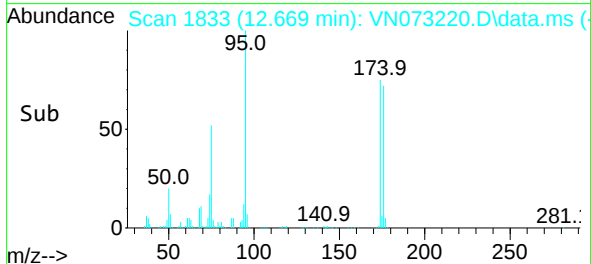
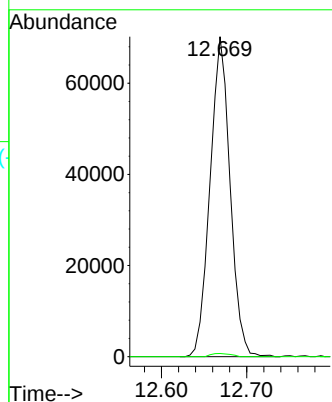
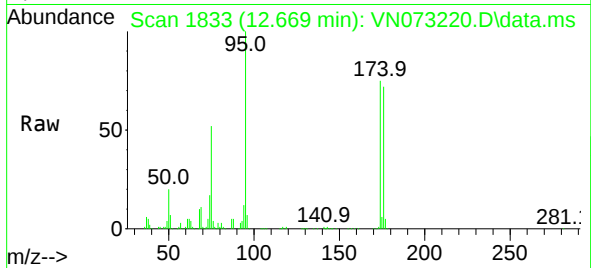




#76
1,2,3-Trichloropropane
Concen: 21.535 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

Instrument : MSVOA_N
ClientSampleId : MW-1

Tgt Ion: 75 Resp: 114837
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.060 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073220.D
Acq: 29 Jun 2022 00:41

Tgt Ion: 75 Resp: 114837
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

