

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073403.D
 Acq On : 08 Jul 2022 19:22
 Operator : JC\MD
 Sample : N3642-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jul 09 05:30:01 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)

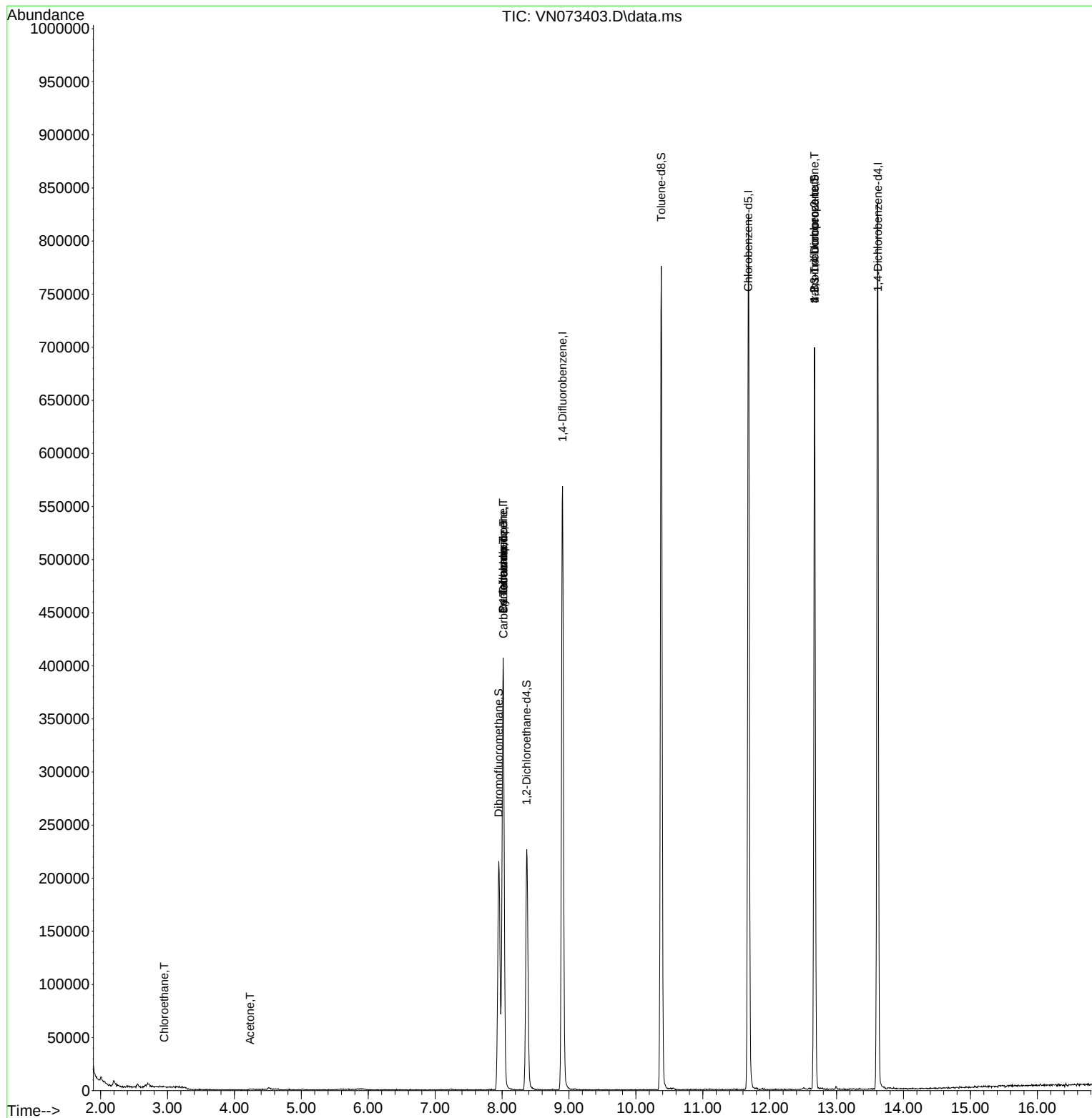
Internal Standards						
1) Pentafluorobenzene	8.016	168	296348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	503957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	475112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	225648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194554	45.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	7.951	113	161470	48.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.320%
50) Toluene-d8	10.380	98	533793	44.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.669	95	235907	51.549	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.100%
Target Compounds						
					Qvalue	
6) Chloroethane	2.952	64	526	0.250	ug/l #	42
16) Acetone	4.234	43	1687	0.703	ug/l #	42
31) Cyclohexane	8.016	56	6658	0.950	ug/l #	16
36) 1,1-Dichloropropene	8.016	75	24559	4.760	ug/l #	49
38) Carbon Tetrachloride	8.022	117	31791	5.959	ug/l #	16
76) 1,2,3-Trichloropropane	12.669	75	121918	20.663	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	121918	56.668	ug/l #	10

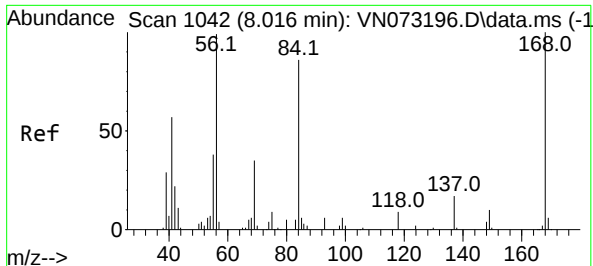
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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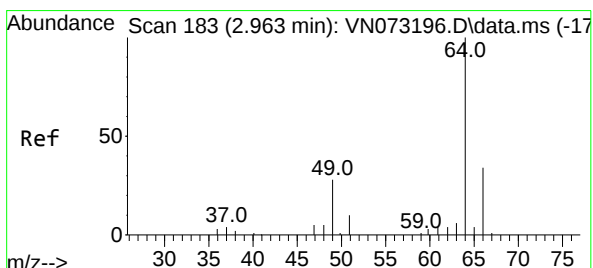
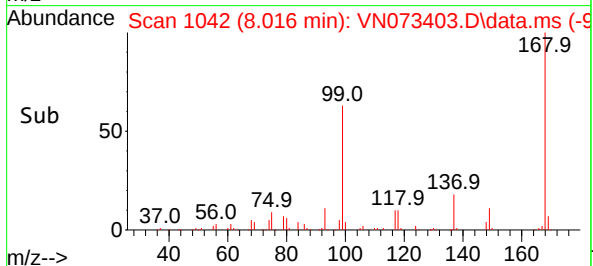
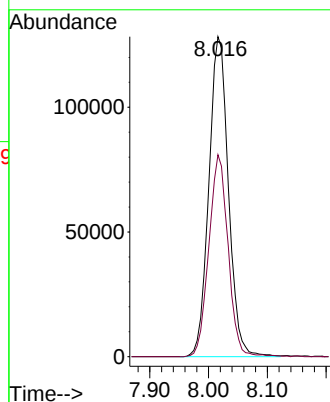
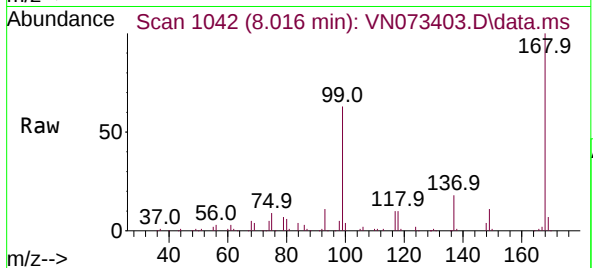




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

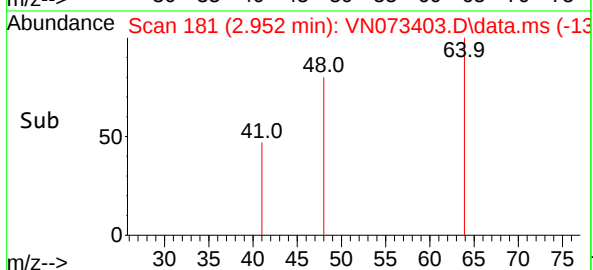
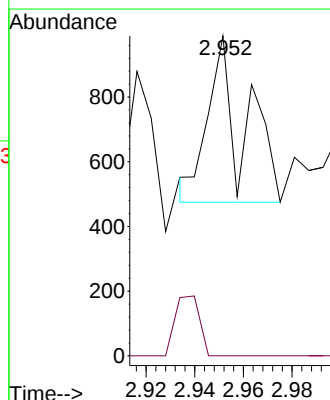
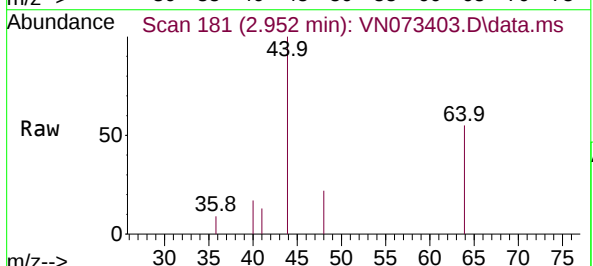
Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:168 Resp: 296348
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5



#6
Chloroethane
Concen: 0.250 ug/l
RT: 2.952 min Scan# 181
Delta R.T. -0.011 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

Tgt Ion: 64 Resp: 526
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

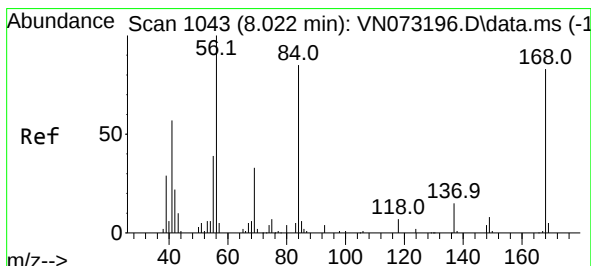
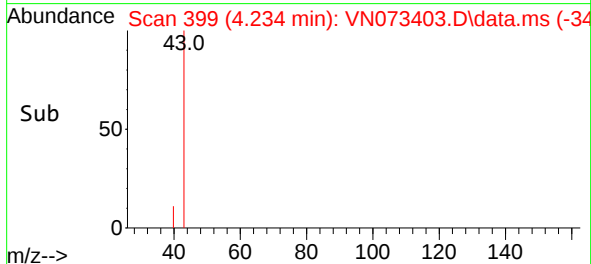
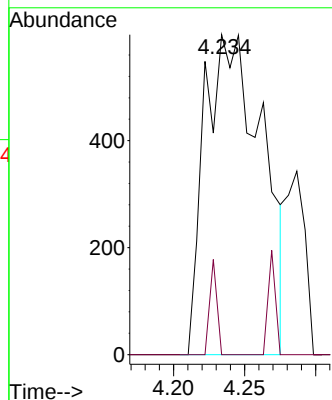
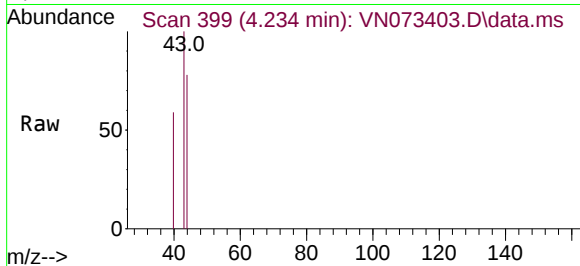




#16
Acetone
Concen: 0.703 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

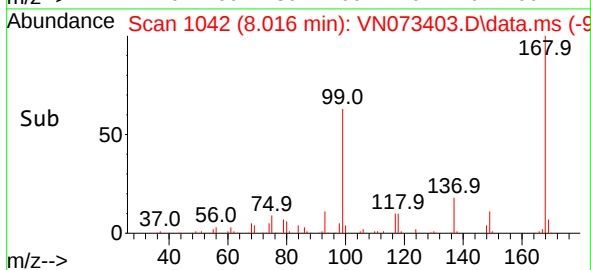
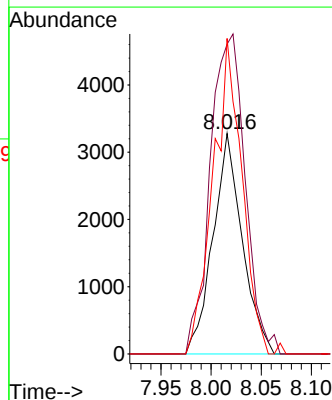
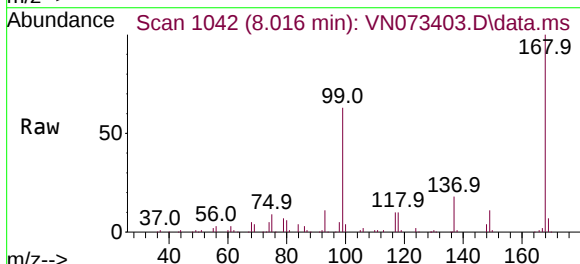
Instrument :
MSVOA_N
ClientSampleId :
MW-1

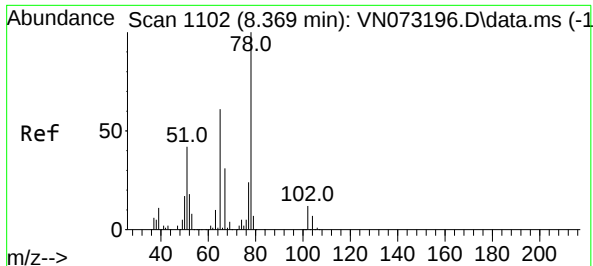
Tgt Ion: 43 Resp: 1687
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#31
Cyclohexane
Concen: 0.950 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

Tgt Ion: 56 Resp: 6658
Ion Ratio Lower Upper
56 100
69 140.5 27.8 41.8#
84 143.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 45.477 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073403.D

Acq: 08 Jul 2022 19:22

Instrument :

MSVOA_N

ClientSampleId :

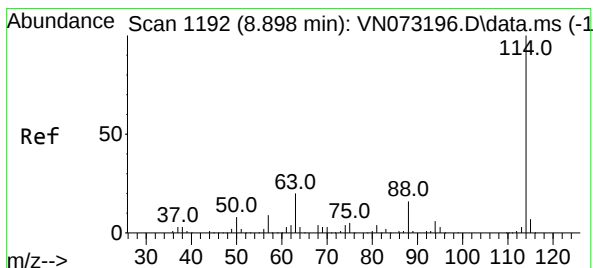
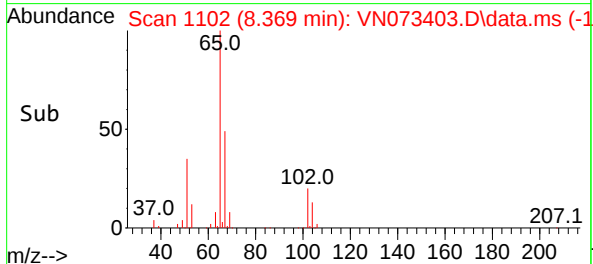
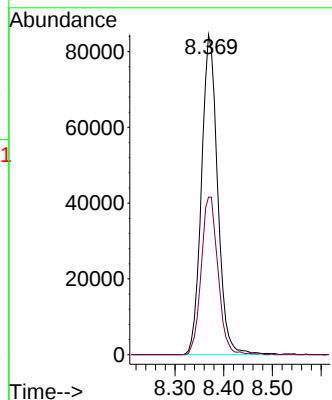
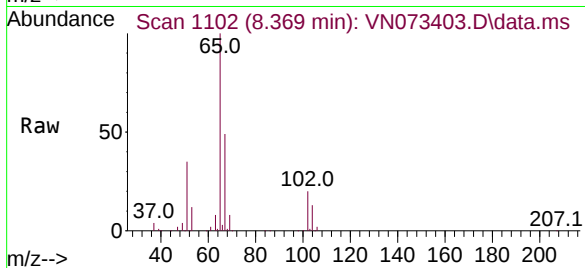
MW-1

Tgt Ion: 65 Resp: 194554

Ion Ratio Lower Upper

65 100

67 51.2 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: VN073403.D

Acq: 08 Jul 2022 19:22

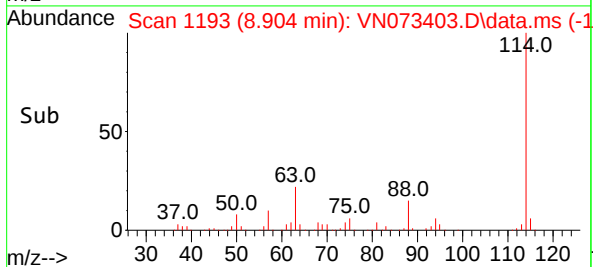
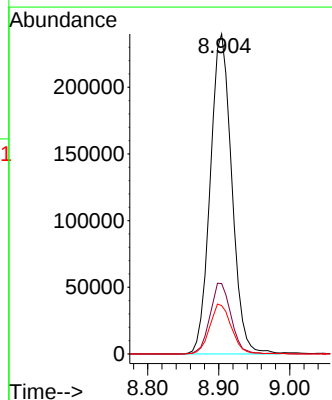
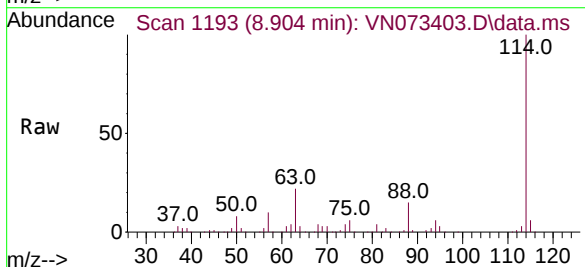
Tgt Ion: 114 Resp: 503957

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 15.1 0.0 32.6

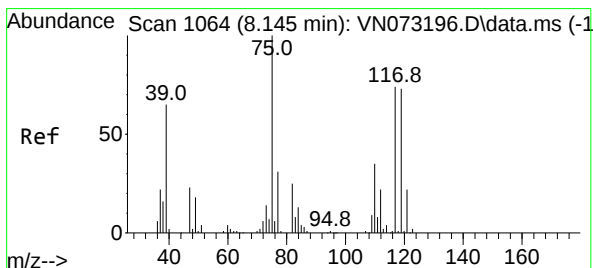
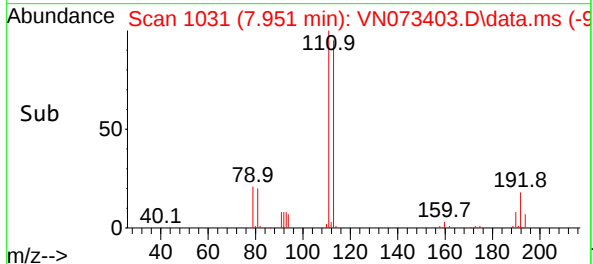
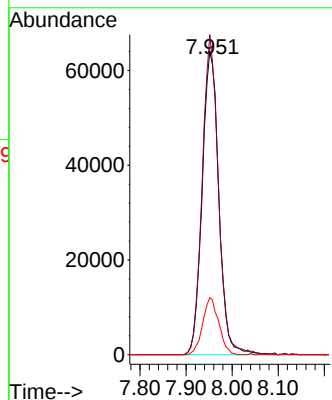
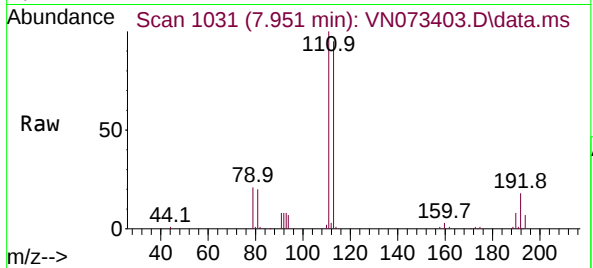




#35
Dibromofluoromethane
Concen: 48.158 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

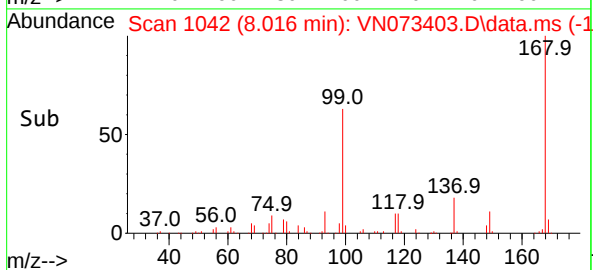
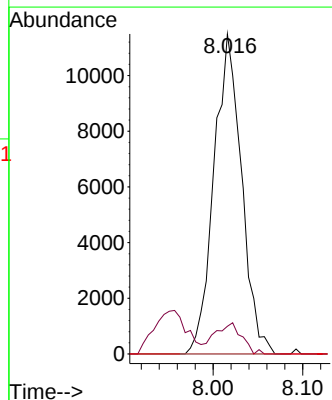
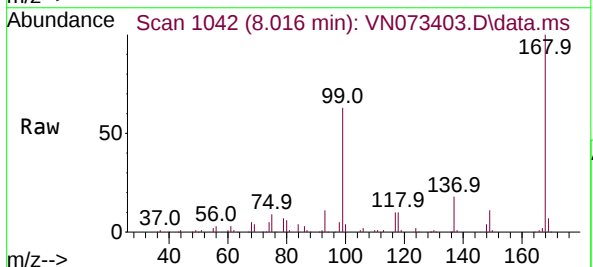
Instrument :
MSVOA_N
ClientSampleId :
MW-1

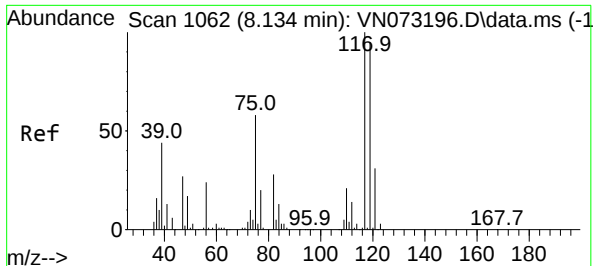
Tgt Ion:113 Resp: 161470
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 18.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

Tgt Ion: 75 Resp: 24559
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.959 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.112 min

Lab File: VN073403.D

Acq: 08 Jul 2022 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-1

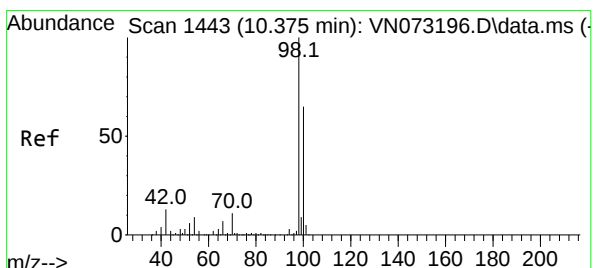
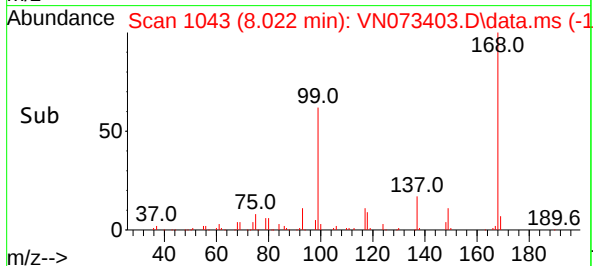
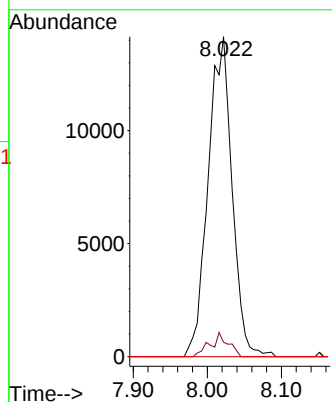
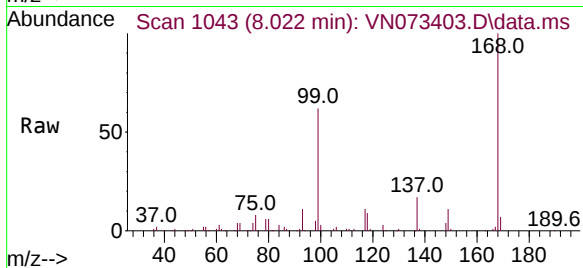
Tgt Ion:117 Resp: 31791

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 44.825 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073403.D

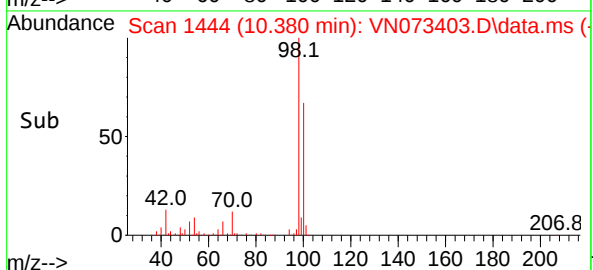
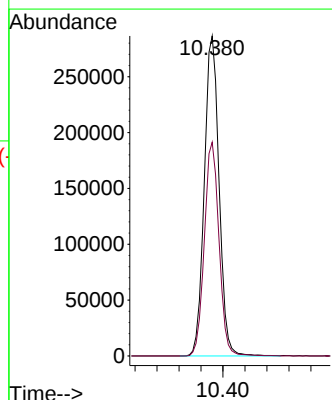
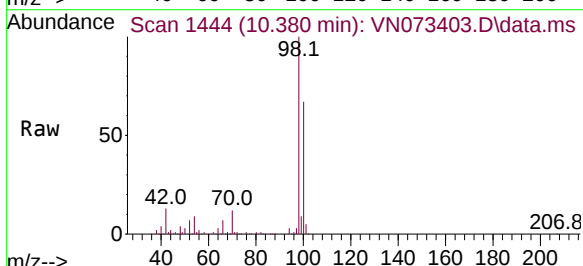
Acq: 08 Jul 2022 19:22

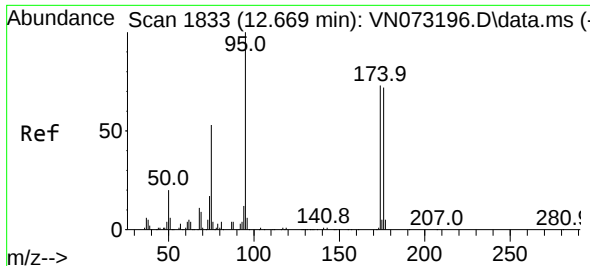
Tgt Ion: 98 Resp: 533793

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8

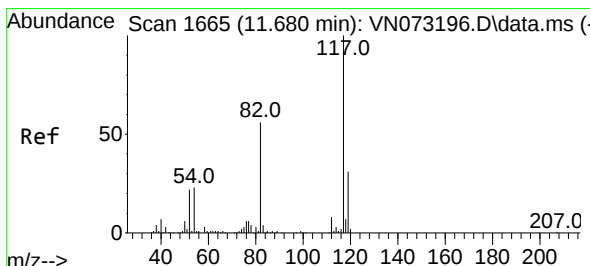
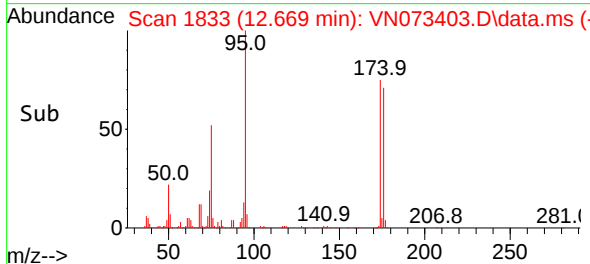
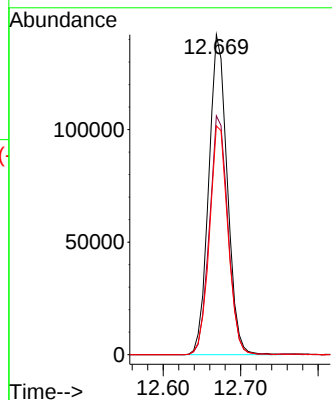
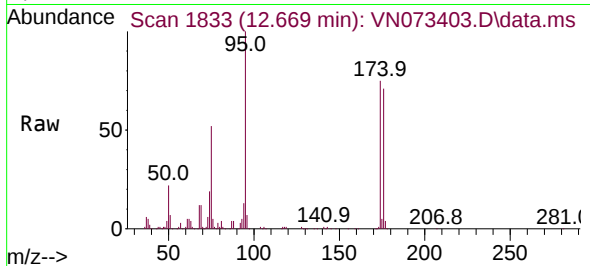




#62
4-Bromofluorobenzene
Concen: 51.549 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

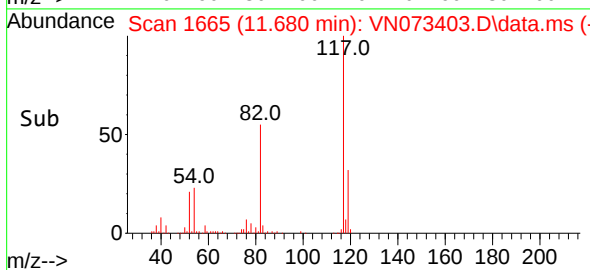
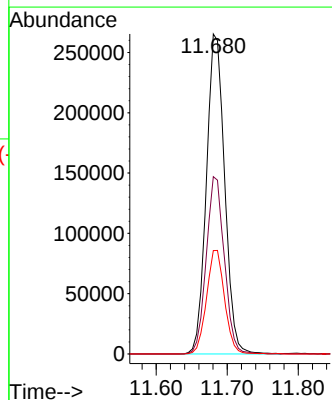
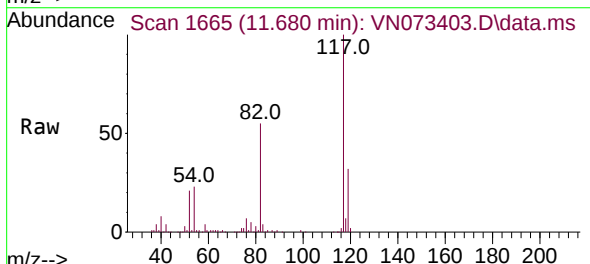
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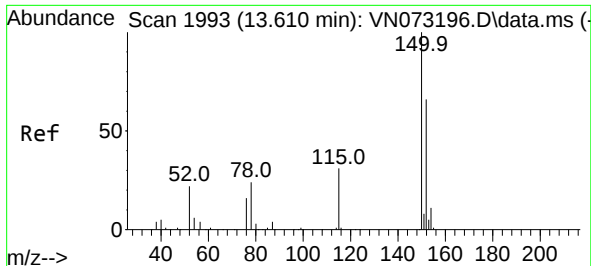
Tgt Ion: 95 Resp: 235907
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 71.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073403.D
Acq: 08 Jul 2022 19:22

Tgt Ion: 117 Resp: 475112
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.3 25.4 38.0

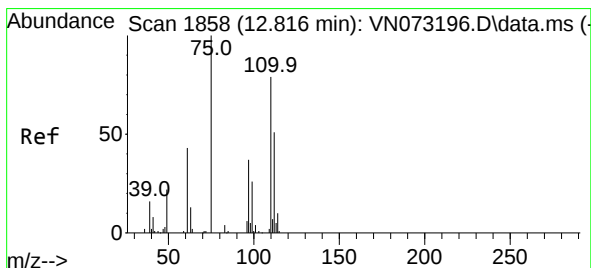
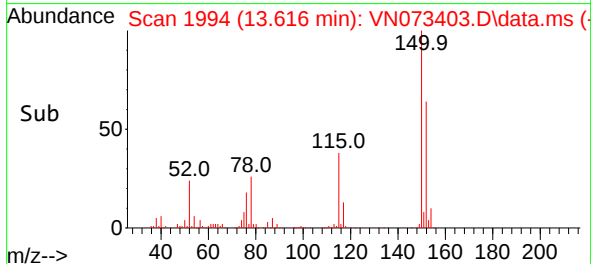
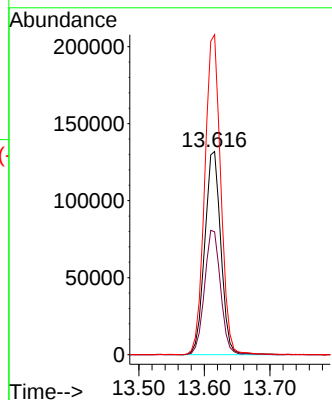
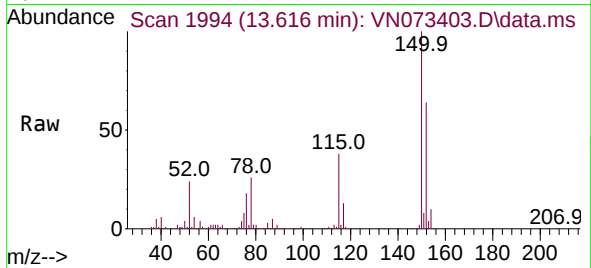




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073403.D
 Acq: 08 Jul 2022 19:22

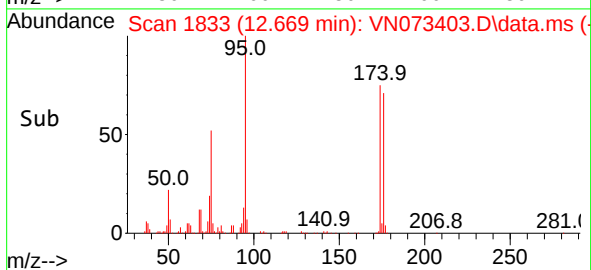
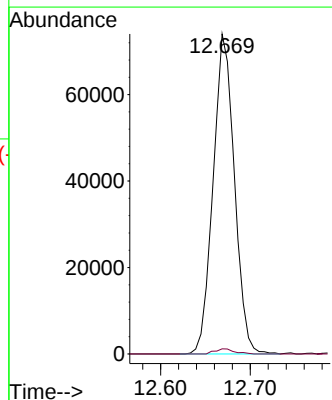
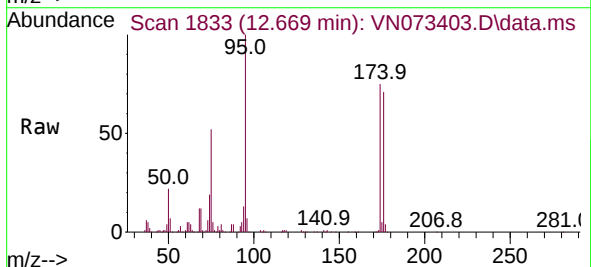
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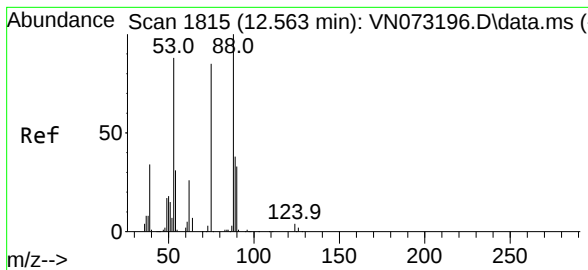
Tgt Ion:152 Resp: 225648
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.9 86.7
 150 157.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.663 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073403.D
 Acq: 08 Jul 2022 19:22

Tgt Ion: 75 Resp: 121918
 Ion Ratio Lower Upper
 75 100
 77 1.5 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.668 ug/l
 RT: 12.669 min Scan# 1815
 Delta R.T. 0.106 min
 Lab File: VN073403.D
 Acq: 08 Jul 2022 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tgt Ion: 75 Resp: 121918
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#

