

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074387.D
 Acq On : 09 Sep 2022 20:58
 Operator : JC\MD
 Sample : N4471-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14A-15-20-083122

Quant Time: Sep 10 07:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

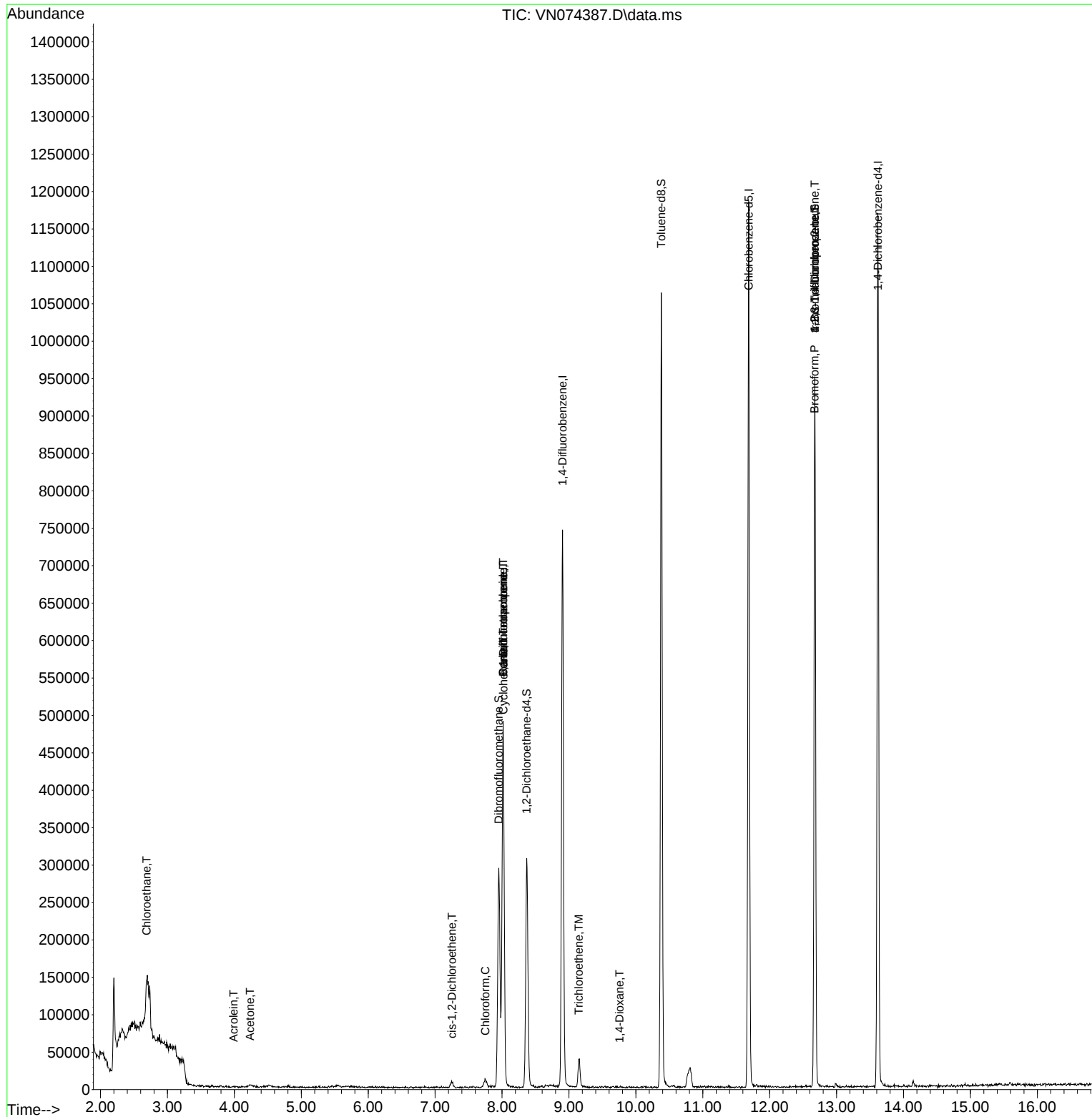
Internal Standards						
1) Pentafluorobenzene	8.016	168	341290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	593622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	586161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	277329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	242417	41.054	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.100%		
35) Dibromofluoromethane	7.951	113	202012	50.408	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.820%		
50) Toluene-d8	10.381	98	678434	43.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.900%		
62) 4-Bromofluorobenzene	12.674	95	279877	49.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.258	50	1809	Below Cal	#	73
6) Chloroethane	2.687	64	29680	2.365	ug/l #	43
13) Acrolein	3.987	56	245	0.239	ug/l	86
16) Acetone	4.234	43	3282	1.030	ug/l #	80
20) Methylene Chloride	4.987	84	56	Below Cal	#	1
27) cis-1,2-Dichloroethene	7.251	96	3925	0.668	ug/l	81
28) Bromochloromethane	7.751	49	747	Below Cal	#	20
30) Chloroform	7.751	83	6764	0.702	ug/l	92
31) Cyclohexane	8.022	56	10776	1.147	ug/l #	63
36) 1,1-Dichloropropene	8.016	75	32737	4.959	ug/l #	51
38) Carbon Tetrachloride	8.016	117	35861	5.261	ug/l #	15
44) Trichloroethene	9.145	130	12808	2.826	ug/l	97
49) 1,4-Dioxane	9.757	88	73	0.502	ug/l #	1
71) Bromoform	12.669	173	2069	0.500	ug/l #	29
74) N-amyl acetate	12.339	43	628	Below Cal	#	45
76) 1,2,3-Trichloropropane	12.674	75	178518	24.624	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	178518	54.886	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.592	75	199	Below Cal	#	8

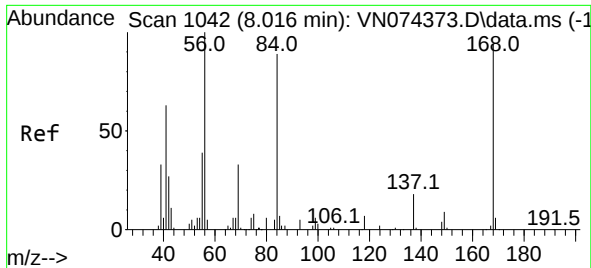
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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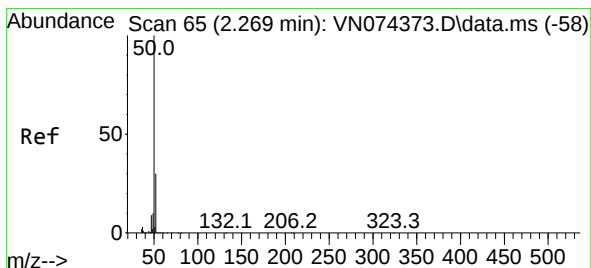
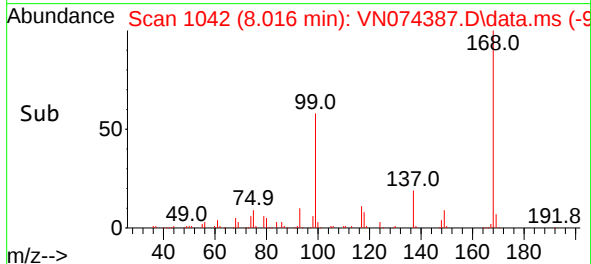
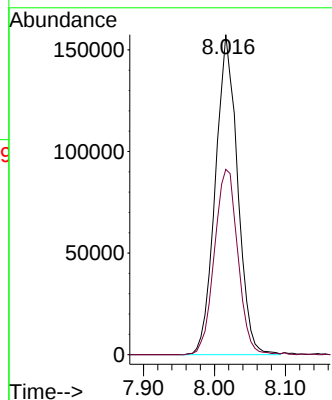
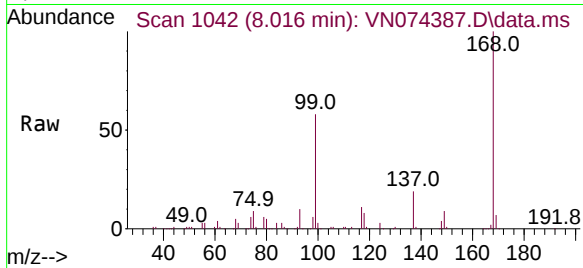




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

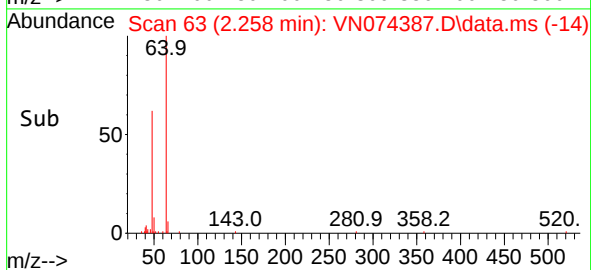
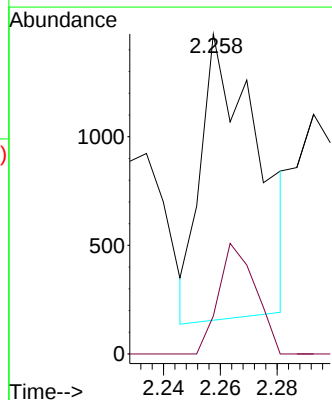
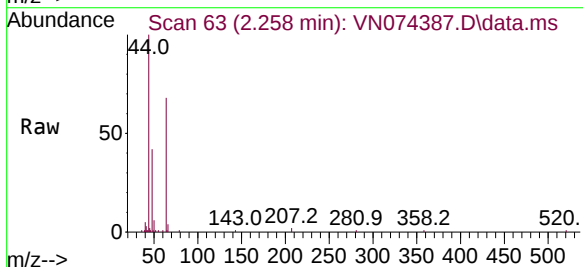
Instrument :
MSVOA_N
ClientSampleId :
MW-14A-15-20-083122

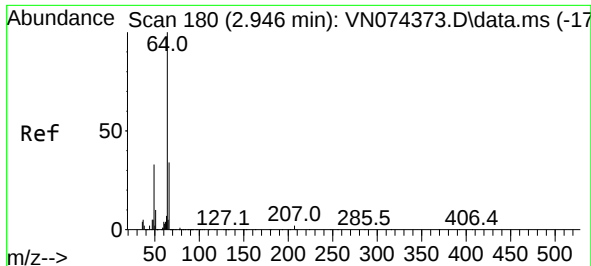
Tgt Ion:168 Resp: 341290
Ion Ratio Lower Upper
168 100
99 57.9 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.258 min Scan# 63
Delta R.T. -0.011 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion: 50 Resp: 1809
Ion Ratio Lower Upper
50 100
52 15.6 24.1 36.1#

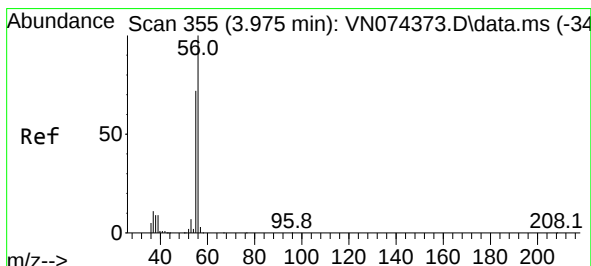
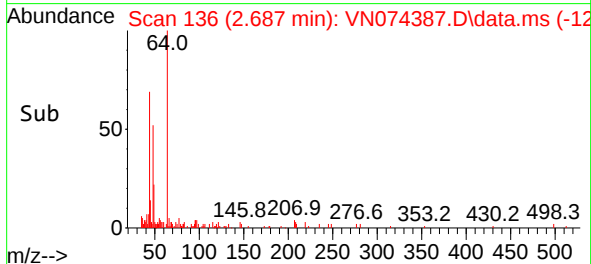
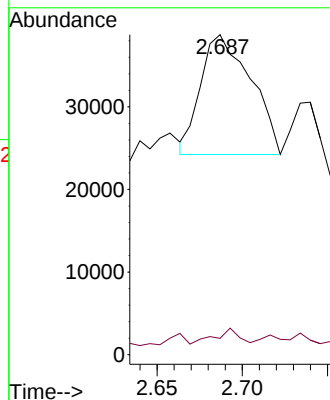
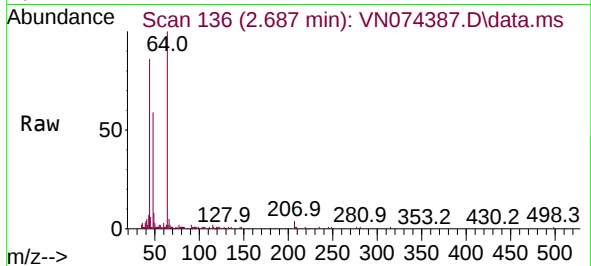




#6
Chloroethane
Concen: 2.365 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

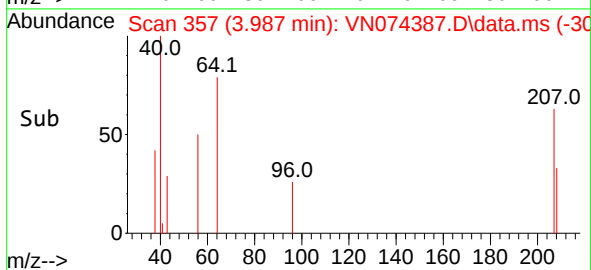
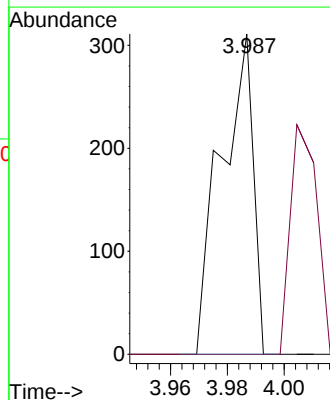
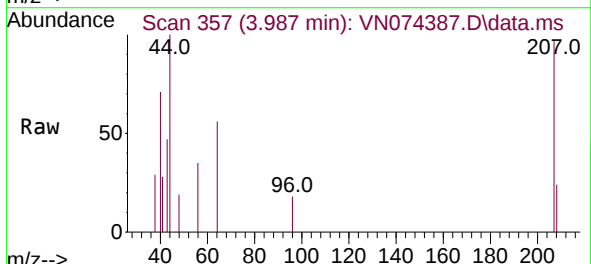
Instrument :
MSVOA_N
ClientSampleId :
MW-14A-15-20-083122

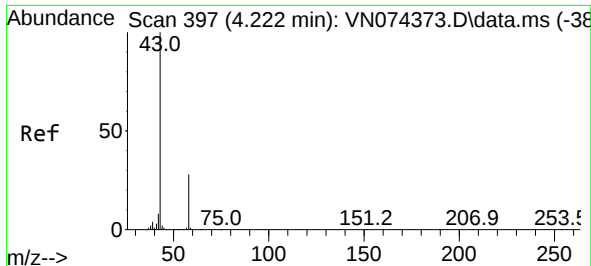
Tgt Ion: 64 Resp: 29680
Ion Ratio Lower Upper
64 100
66 0.8 26.5 39.7#



#13
Acrolein
Concen: 0.239 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.012 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 58.8 56.2 84.4

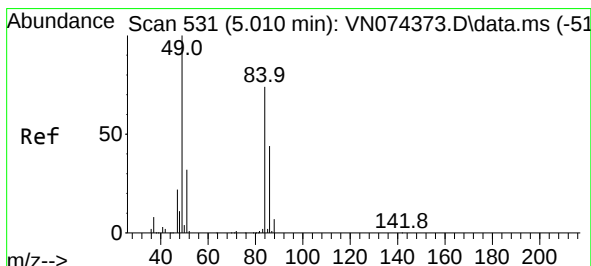
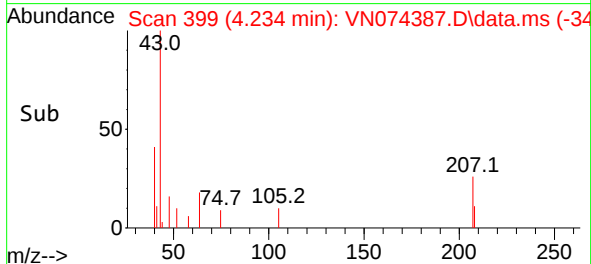
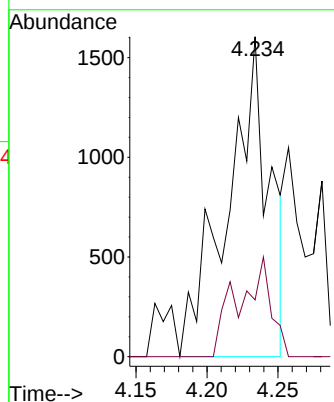
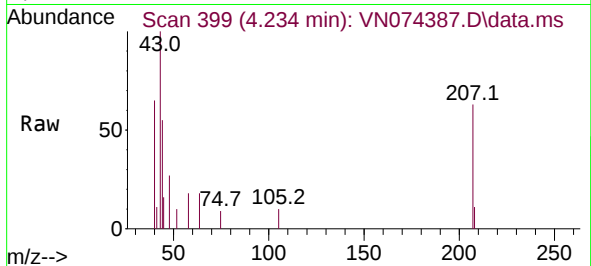




#16
Acetone
Concen: 1.030 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

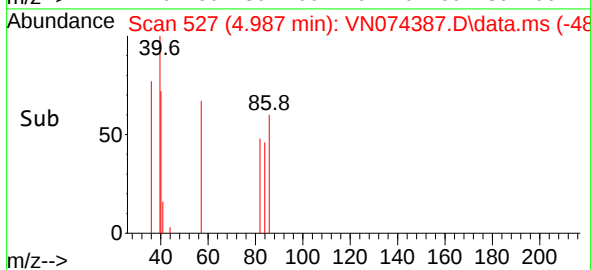
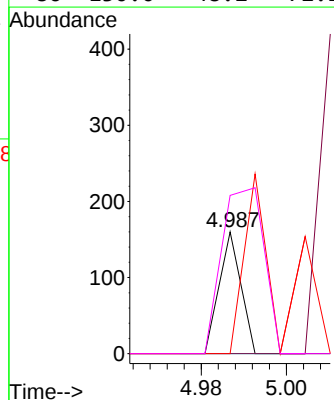
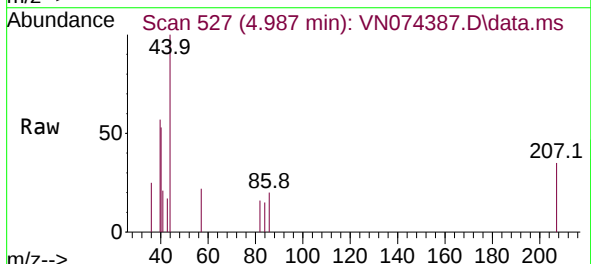
Instrument :
MSVOA_N
ClientSampleId :
MW-14A-15-20-083122

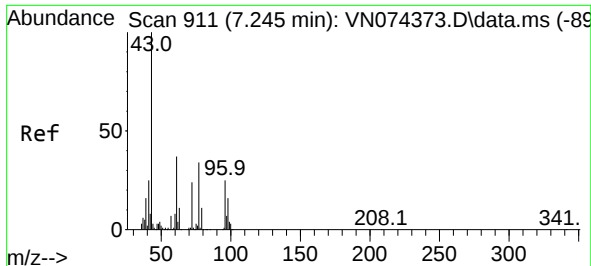
Tgt Ion: 43 Resp: 3282
Ion Ratio Lower Upper
43 100
58 17.8 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.987 min Scan# 527
Delta R.T. -0.023 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion: 84 Resp: 56
Ion Ratio Lower Upper
84 100
49 0.0 108.2 162.4#
51 0.0 34.3 51.5#
86 130.0 48.2 72.2#

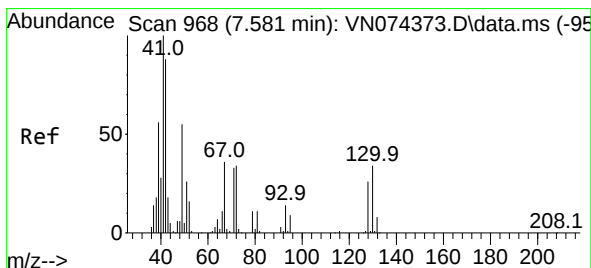
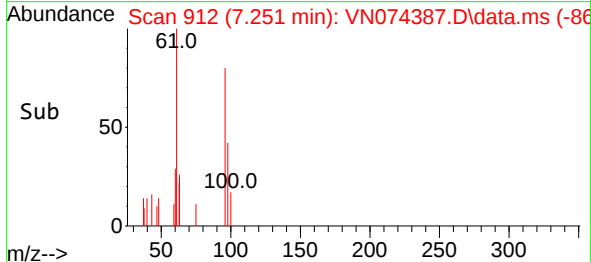
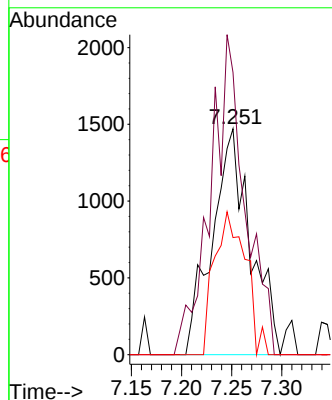
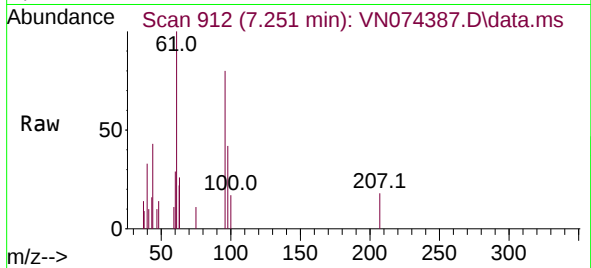




#27
 cis-1,2-Dichloroethene
 Concen: 0.668 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074387.D
 Acq: 09 Sep 2022 20:58

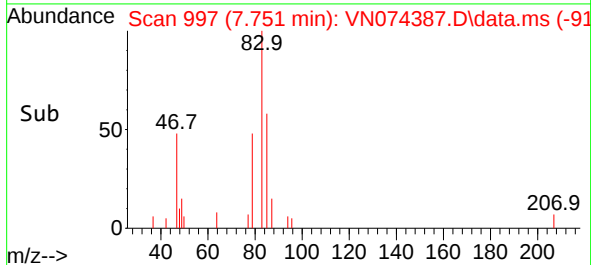
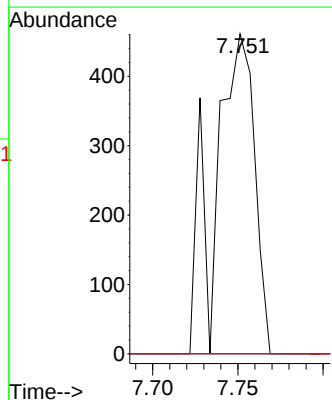
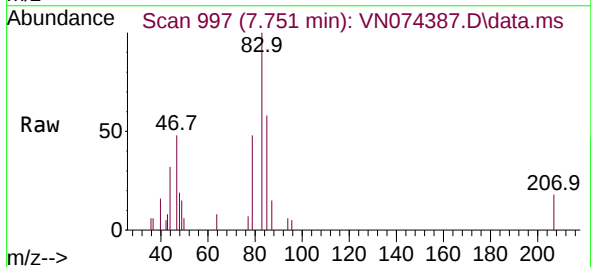
Instrument :
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 ClientSampleId :
 MW-14A-15-20-083122

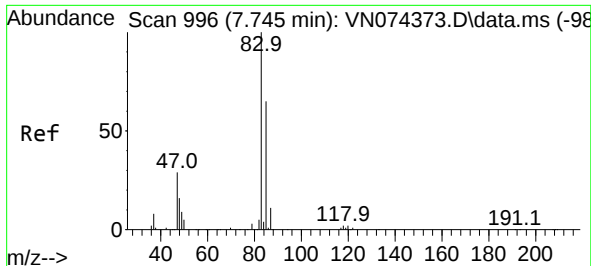
Tgt Ion: 96 Resp: 3925
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 306.2
 98 51.9 0.0 129.8



#28
 Bromochloromethane
 Concen: Below Cal
 RT: 7.751 min Scan# 997
 Delta R.T. 0.170 min
 Lab File: VN074387.D
 Acq: 09 Sep 2022 20:58

Tgt Ion: 49 Resp: 747
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.2
 130 0.0 50.0 75.0#

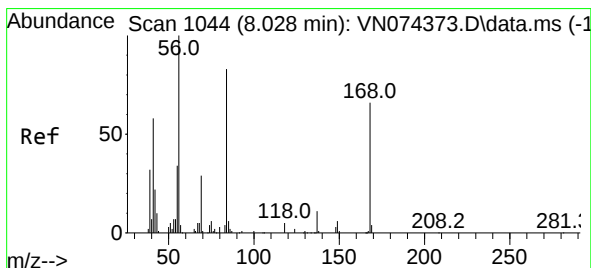
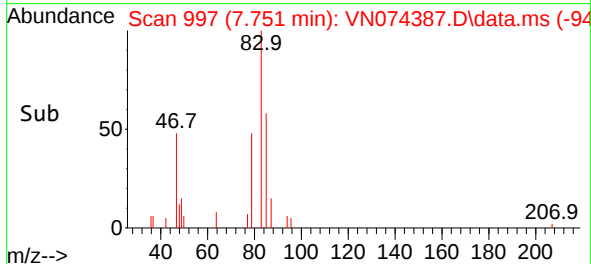
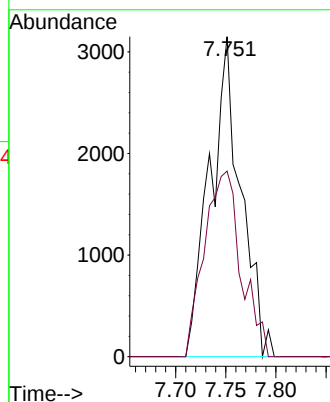
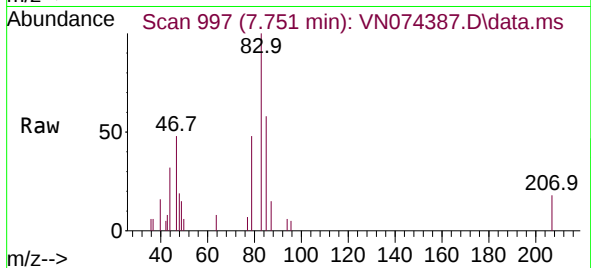




#30
Chloroform
Concen: 0.702 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

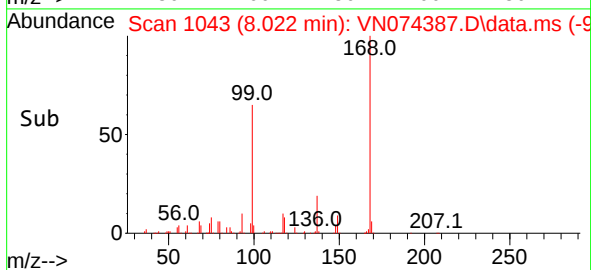
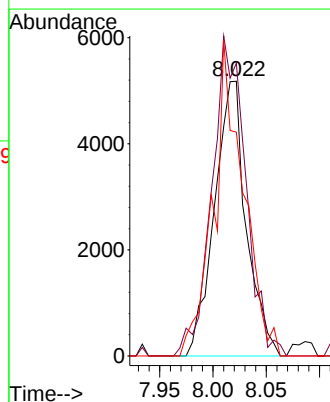
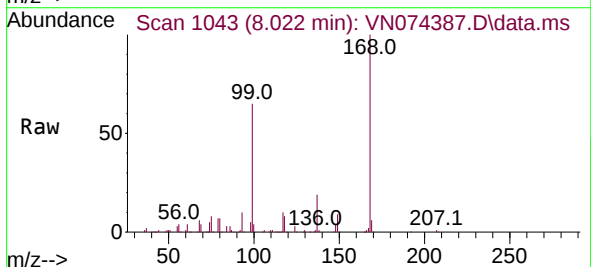
Instrument :
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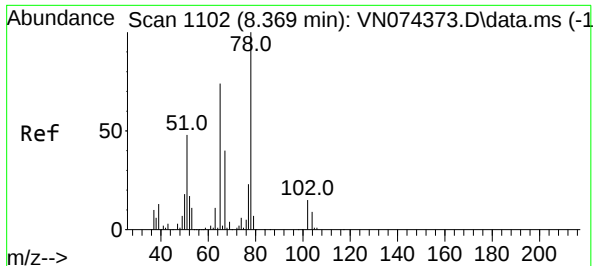
Tgt Ion: 83 Resp: 6764
Ion Ratio Lower Upper
83 100
85 58.0 51.8 77.6



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion: 56 Resp: 10776
Ion Ratio Lower Upper
56 100
69 103.7 23.0 34.4#
84 81.5 66.3 99.5





#33

1,2-Dichloroethane-d4

Concen: 41.054 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074387.D

Acq: 09 Sep 2022 20:58

Instrument :

MSVOA_N

ClientSampleId :

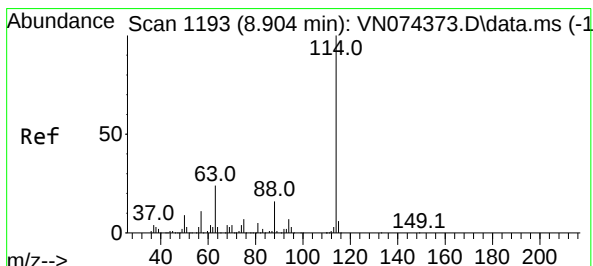
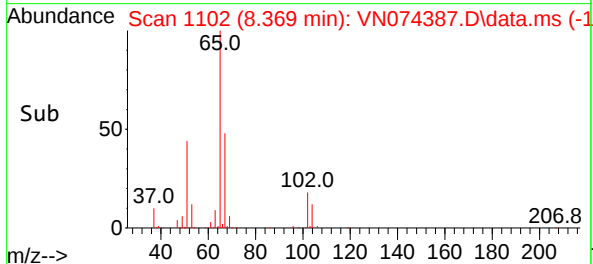
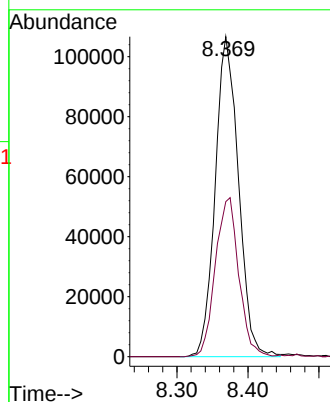
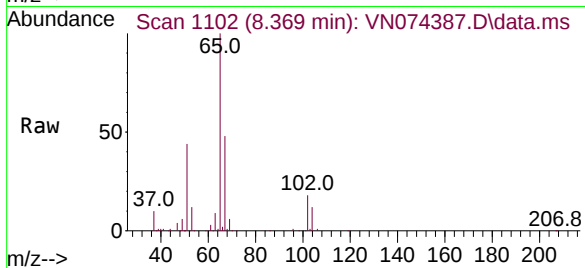
MW-14A-15-20-083122

Tgt Ion: 65 Resp: 242417

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074387.D

Acq: 09 Sep 2022 20:58

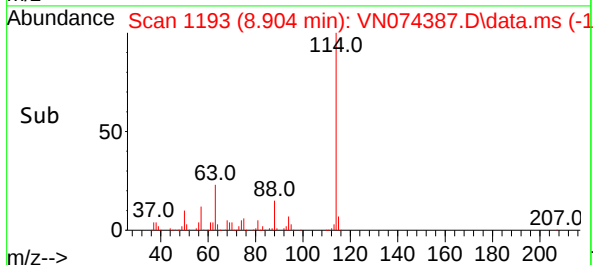
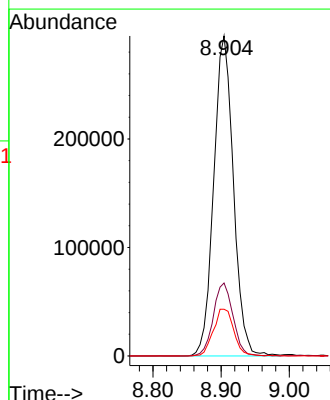
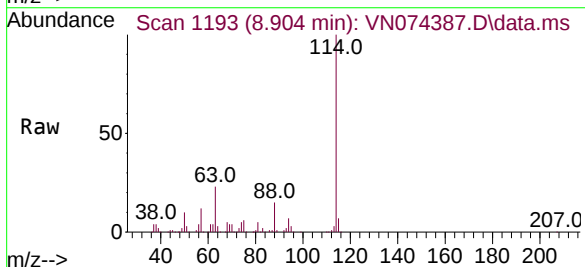
Tgt Ion: 114 Resp: 593622

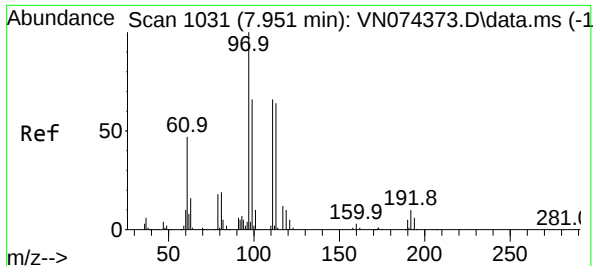
Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.6

88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.408 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074387.D

Acq: 09 Sep 2022 20:58

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MSVOA_N

ClientSampleId :

MW-14A-15-20-083122

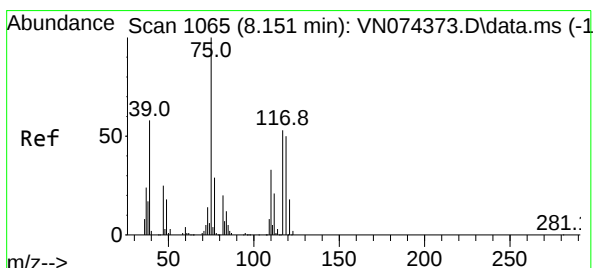
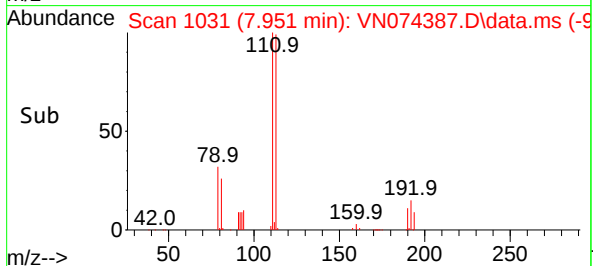
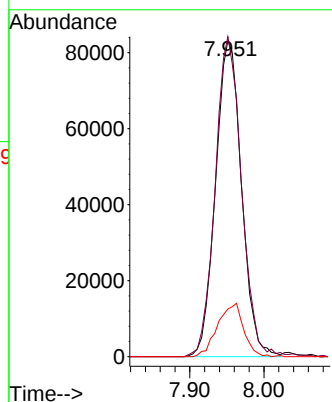
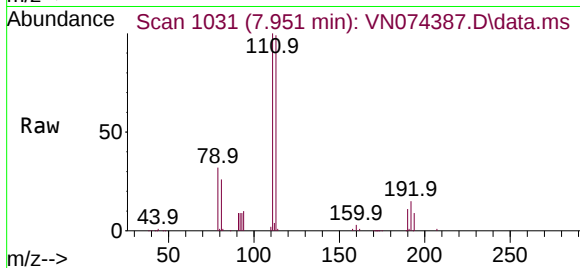
Tgt Ion:113 Resp: 202012

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 16.9 13.7 20.5



#36

1,1-Dichloropropene

Concen: 4.959 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074387.D

Acq: 09 Sep 2022 20:58

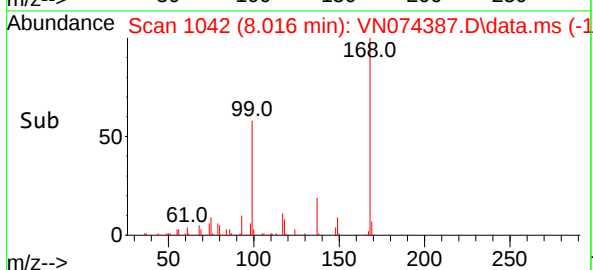
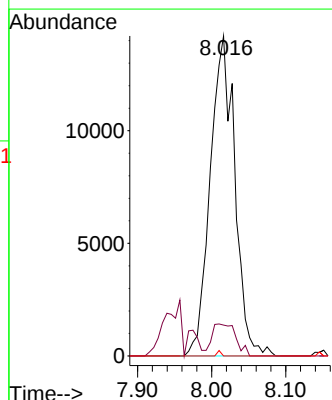
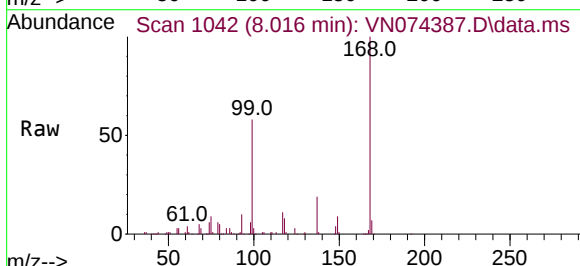
Tgt Ion: 75 Resp: 32737

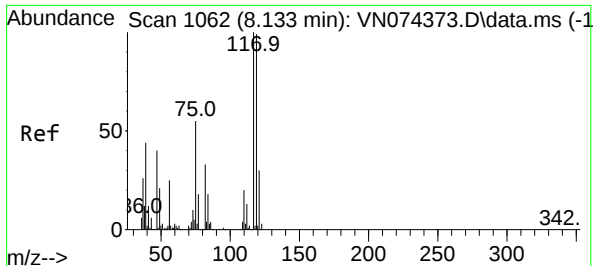
Ion Ratio Lower Upper

75 100

110 9.9 16.4 49.1#

77 0.3 25.4 38.2#

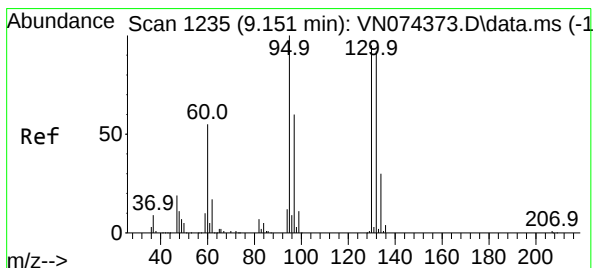
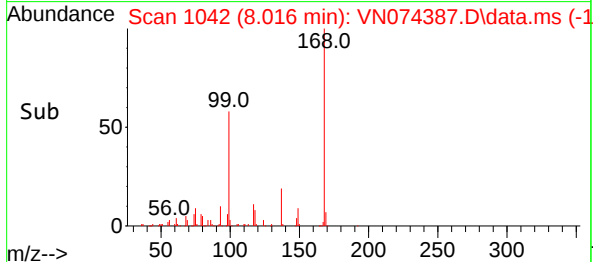
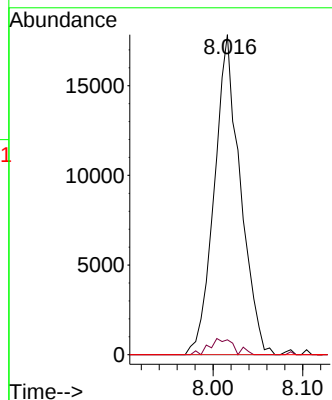
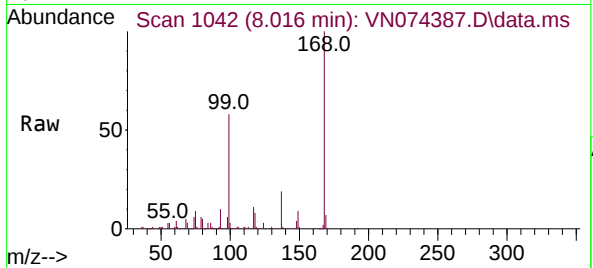




#38
Carbon Tetrachloride
Concen: 5.261 ug/l
RT: 8.016 min Scan# 117
Delta R.T. -0.117 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

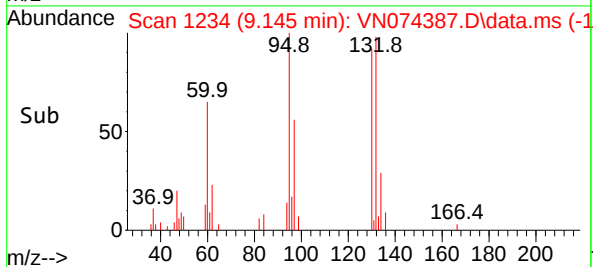
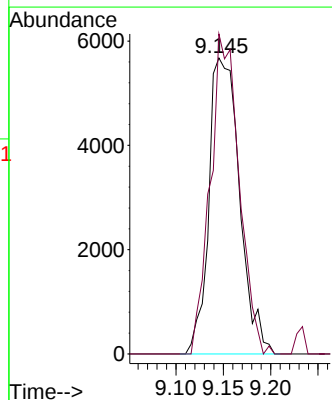
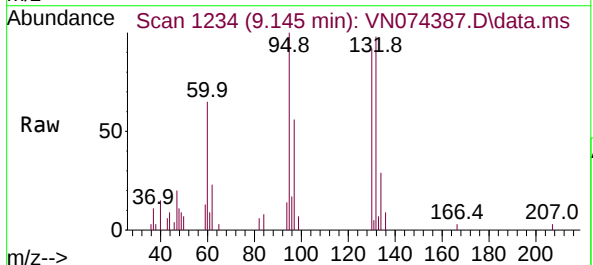
Instrument : MSVOA_N
ClientSampleId : MW-14A-15-20-083122

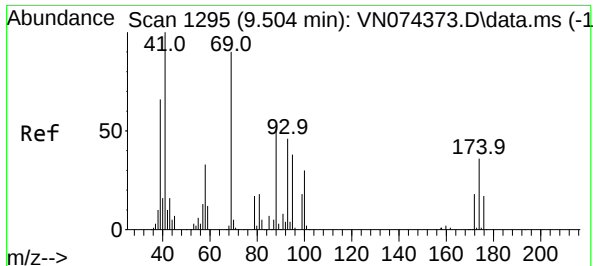
Tgt Ion:117 Resp: 35861
Ion Ratio Lower Upper
117 100
119 4.7 78.8 118.2#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 2.826 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion:130 Resp: 12808
Ion Ratio Lower Upper
130 100
95 108.1 0.0 210.0

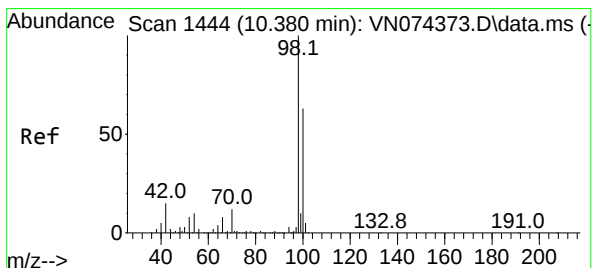
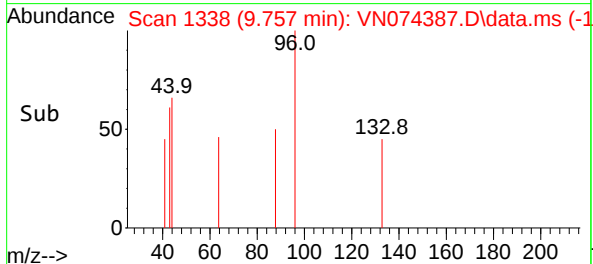
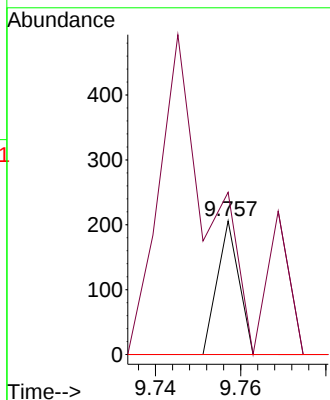
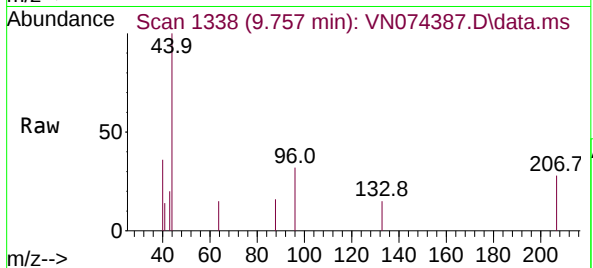




#49
1,4-Dioxane
Concen: 0.502 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.253 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

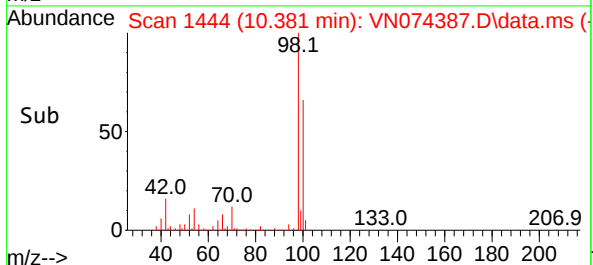
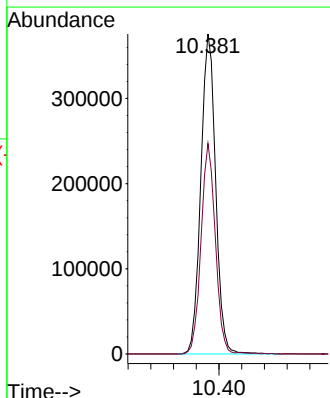
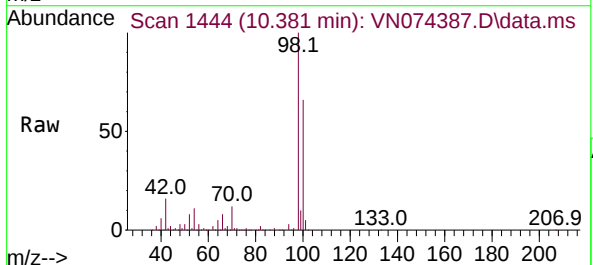
Instrument :
MSVOA_N
ClientSampleId :
MW-14A-15-20-083122

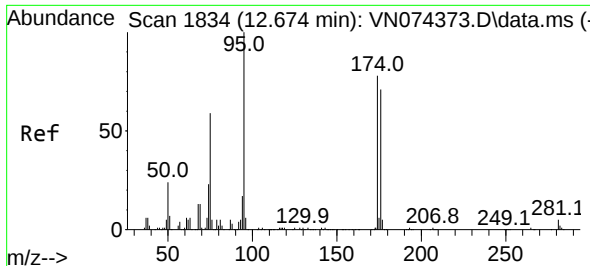
Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 639.7 26.9 40.3#
58 0.0 52.7 79.1#



#50
Toluene-d8
Concen: 43.447 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion: 98 Resp: 678434
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0

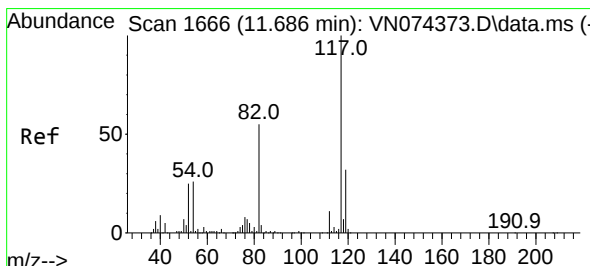
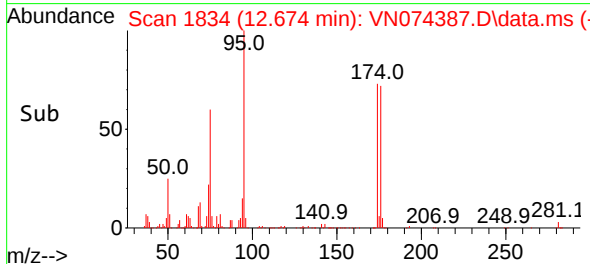
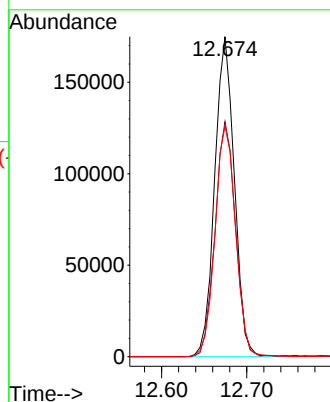
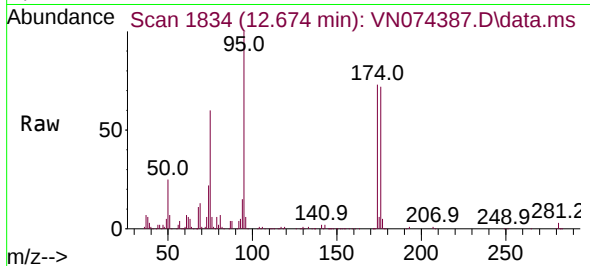




#62
4-Bromofluorobenzene
Concen: 49.367 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

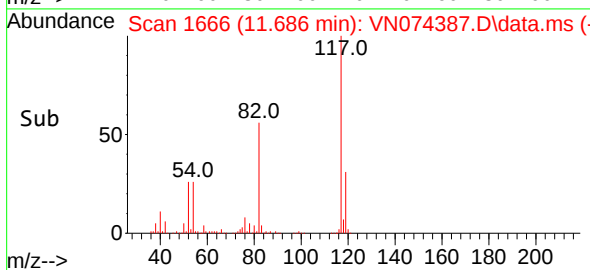
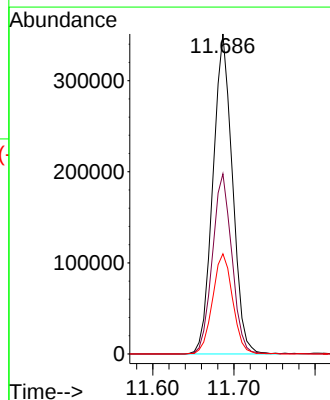
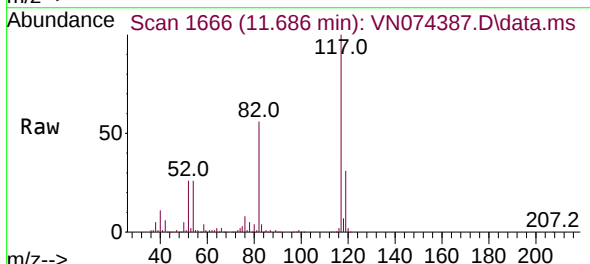
Instrument :
MSVOA_N
ClientSampleId :
MW-14A-15-20-083122

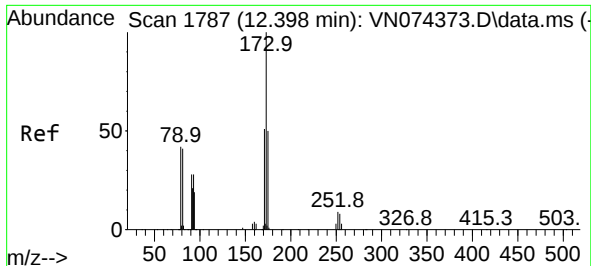
Tgt Ion: 95 Resp: 279877
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.6
176 75.4 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion: 117 Resp: 586161
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 31.3 25.5 38.3

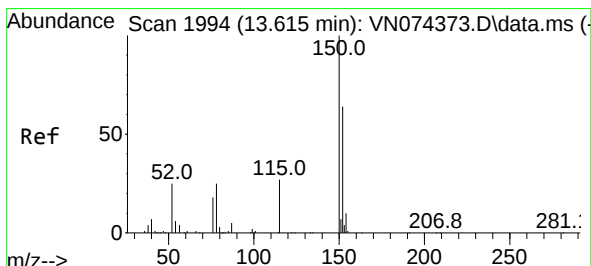
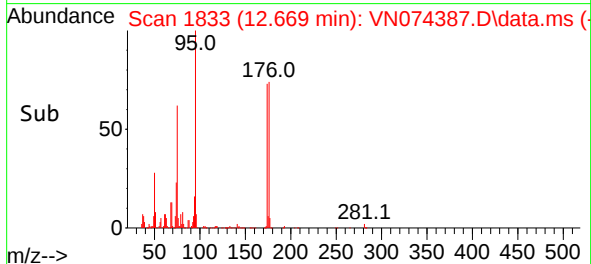
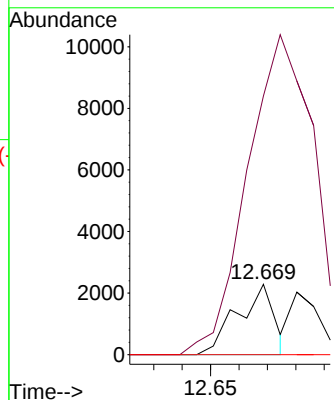
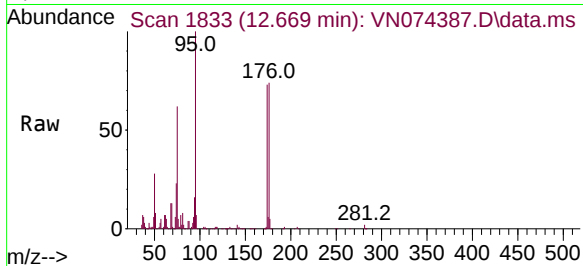




#71
Bromoform
Concen: 0.500 ug/l
RT: 12.669 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

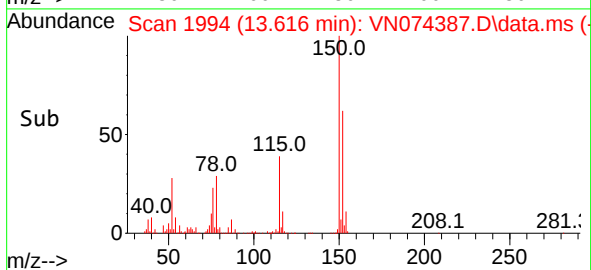
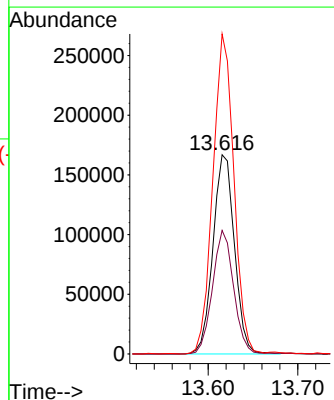
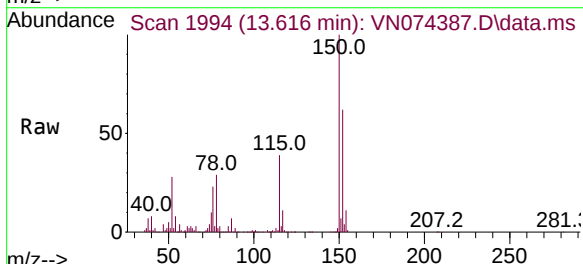
Instrument :
MSVOA_N
ClientSampleId :
MW-14A-15-20-083122

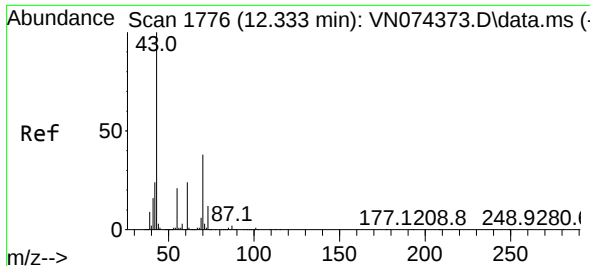
Tgt Ion:173 Resp: 2069
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion:152 Resp: 277329
Ion Ratio Lower Upper
152 100
115 61.2 32.0 96.0
150 156.8 0.0 359.6

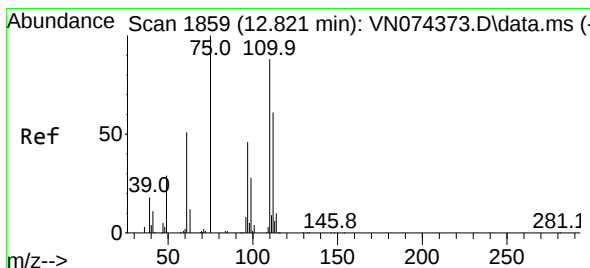
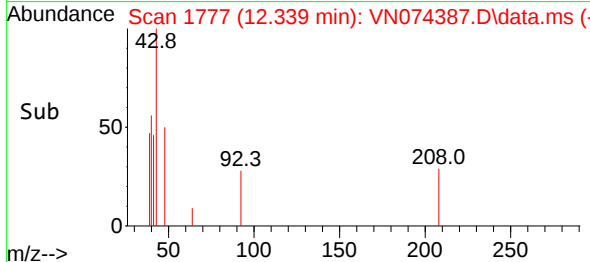
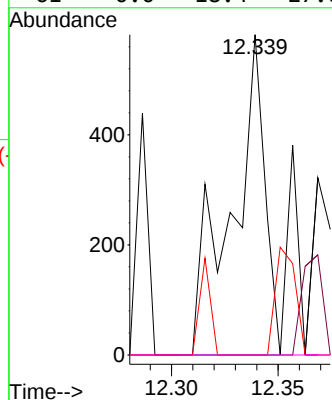
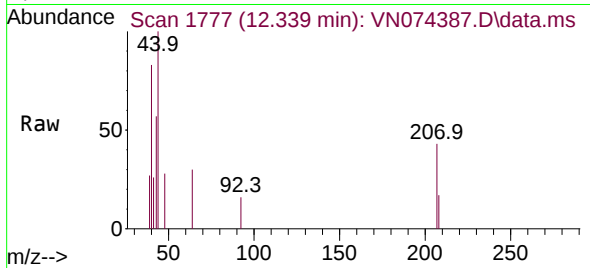




#74
N-amy1 acetate
Concen: Below Cal
RT: 12.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

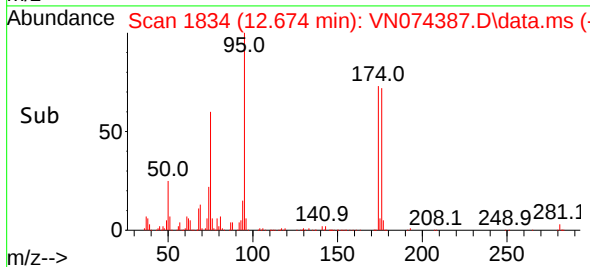
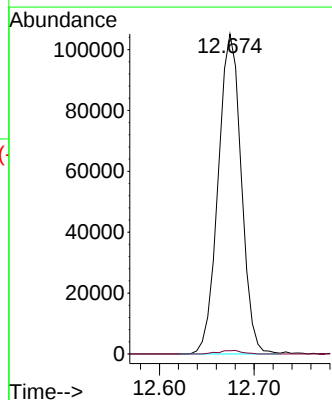
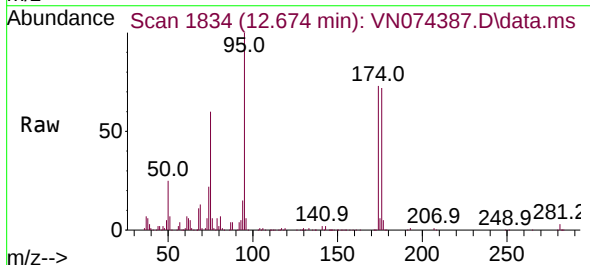
Instrument :
MSVOA_N
ClientSampleId :
MW-14A-15-20-083122

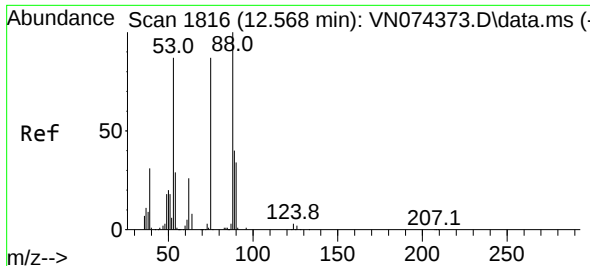
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
70 0.0 31.4 47.0#
55 0.0 17.0 25.6#
61 0.0 18.4 27.6#



#76
1,2,3-Trichloropropane
Concen: 24.624 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion: 75 Resp: 178518
Ion Ratio Lower Upper
75 100
77 1.1 78.9 236.7#

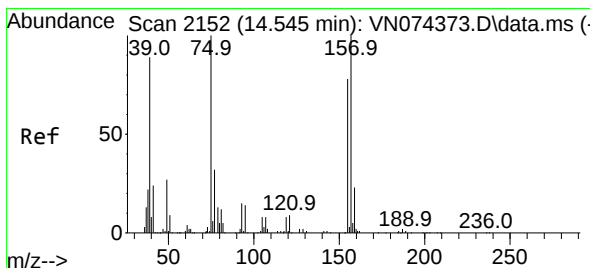
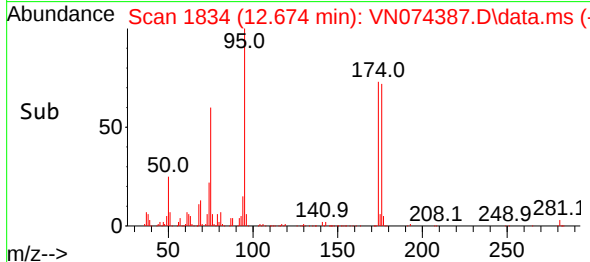
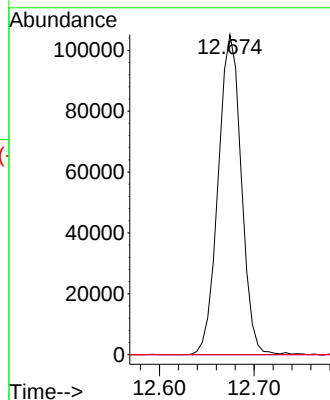
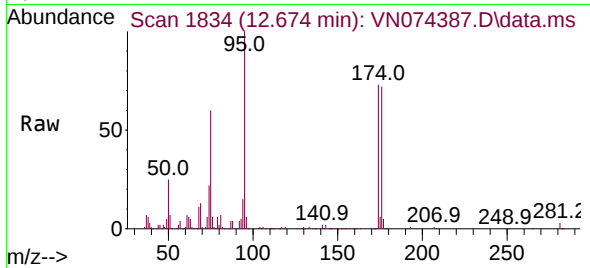




#81
trans-1,4-Dichloro-2-butene
Concen: 54.886 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Instrument :
MSVOA_N
ClientSampleId :
MW-14A-15-20-083122

Tgt Ion: 75 Resp: 178518
Ion Ratio Lower Upper
75 100
53 0.0 82.2 123.2#
89 0.0 37.7 56.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.592 min Scan# 2160
Delta R.T. 0.047 min
Lab File: VN074387.D
Acq: 09 Sep 2022 20:58

Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.9#
157 0.0 46.2 138.5#

