

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074446.D
 Acq On : 13 Sep 2022 20:34
 Operator : JC\MD
 Sample : N4492-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-04-7-17-090122

Quant Time: Sep 14 08:05:58 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)

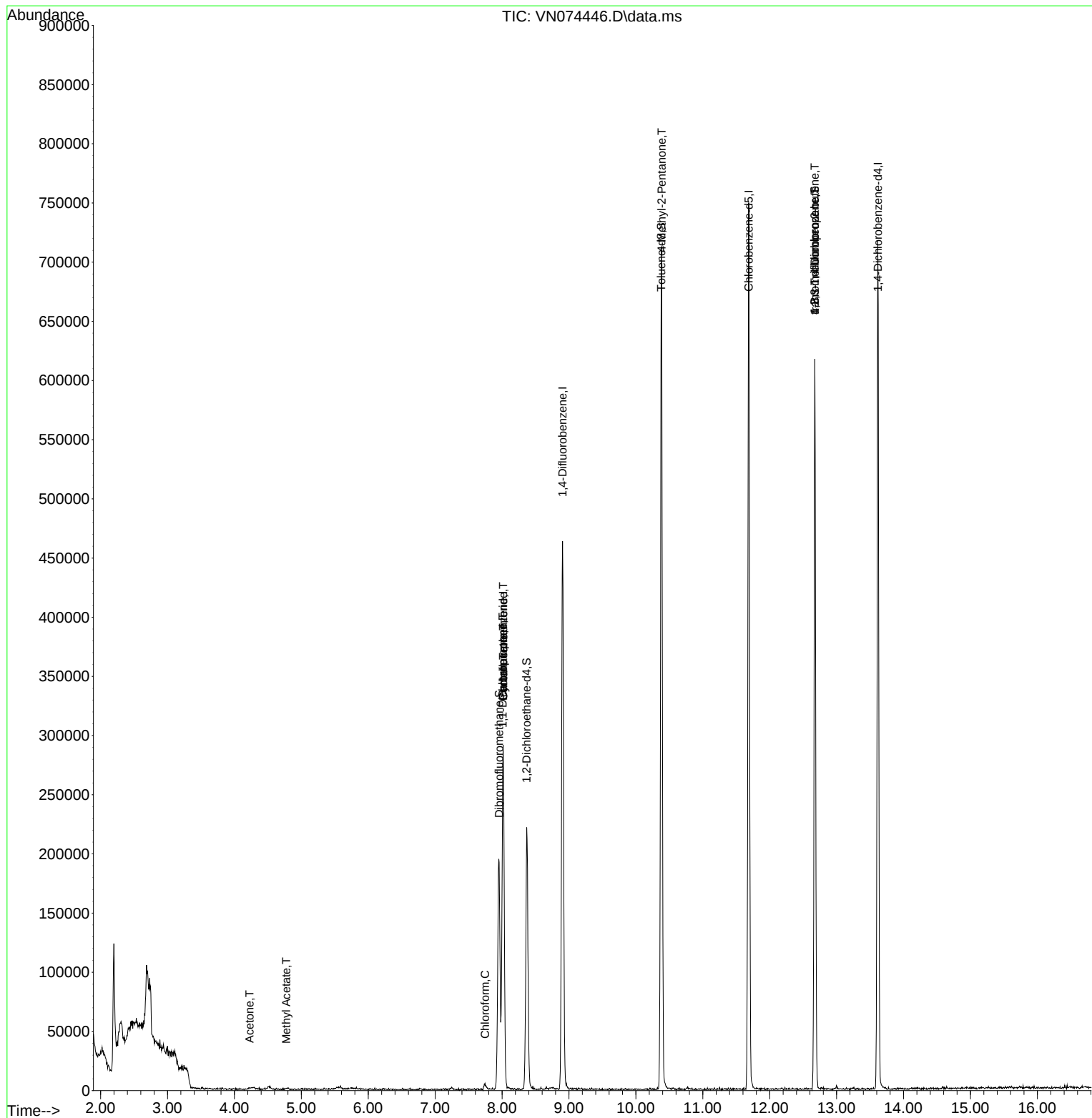
Internal Standards						
1) Pentafluorobenzene	8.016	168	197807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	365351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	367654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	162701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	168067	49.109	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.220%			
35) Dibromofluoromethane	7.957	113	131543	53.332	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	10.380	98	450227	46.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.700%			
62) 4-Bromofluorobenzene	12.674	95	176677	50.635	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.260%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	2582	Below Cal	#	45
6) Chloroethane	2.998	64	4475	Below Cal	#	42
16) Acetone	4.228	43	1403	0.759	ug/l #	82
18) Methyl Acetate	4.775	43	1409	0.259	ug/l #	81
20) Methylene Chloride	5.016	84	240	Below Cal	#	3
28) Bromochloromethane	7.745	49	151	Below Cal	#	20
30) Chloroform	7.745	83	2111	0.378	ug/l	84
31) Cyclohexane	8.016	56	7591	1.395	ug/l #	51
36) 1,1-Dichloropropene	8.010	75	19684	4.844	ug/l #	42
38) Carbon Tetrachloride	8.016	117	21296	5.077	ug/l #	13
51) 4-Methyl-2-Pentanone	10.386	43	3161	0.501	ug/l #	1
74) N-amyl acetate	12.292	43	73	Below Cal	#	45
76) 1,2,3-Trichloropropane	12.674	75	113497	26.685	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	113497	59.479	ug/l #	9

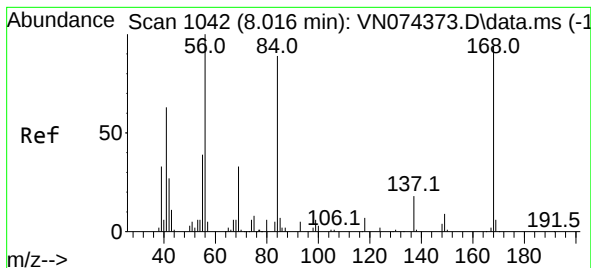
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
Data File : VN074446.D
Acq On : 13 Sep 2022 20:34
Operator : JC\MD
Sample : N4492-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-04-7-17-090122

Quant Time: Sep 14 08:05:58 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN074446.D

Acq: 13 Sep 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

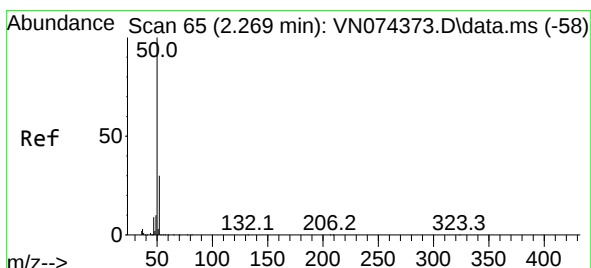
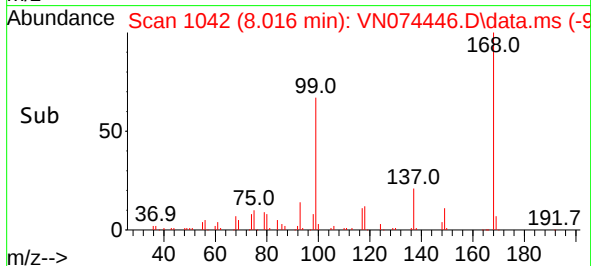
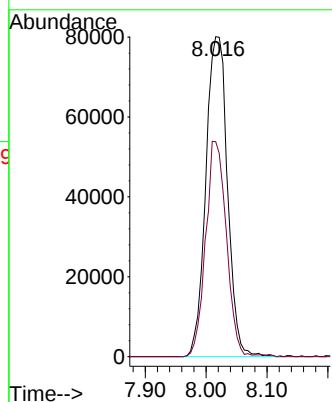
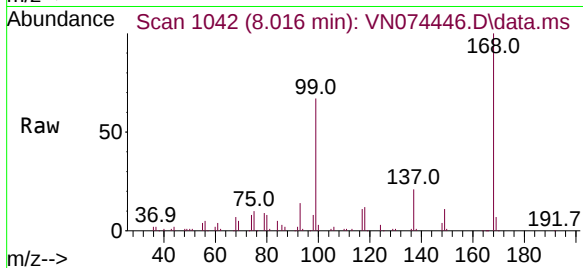
MW-04-7-17-090122

Tgt Ion:168 Resp: 197807

Ion Ratio Lower Upper

168 100

99 67.2 52.8 79.2



#3

Chloromethane

Concen: Below Cal

RT: 2.275 min Scan# 66

Delta R.T. 0.006 min

Lab File: VN074446.D

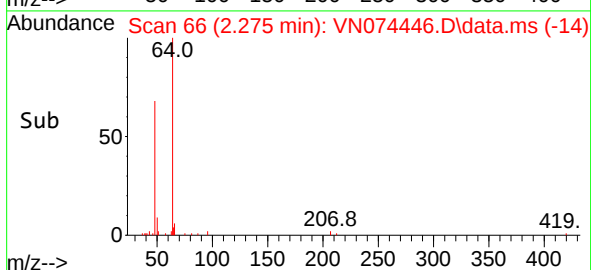
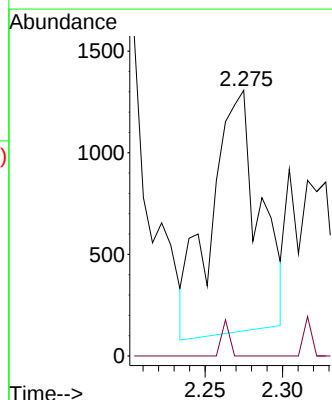
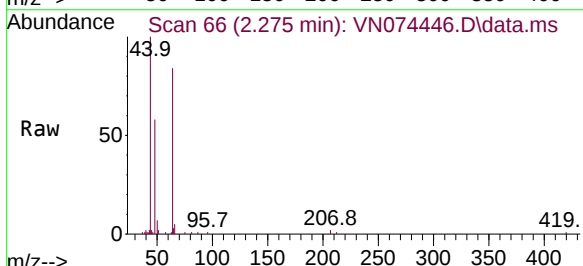
Acq: 13 Sep 2022 20:34

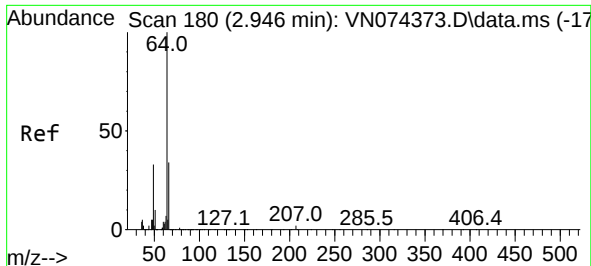
Tgt Ion: 50 Resp: 2582

Ion Ratio Lower Upper

50 100

52 0.0 24.1 36.1#

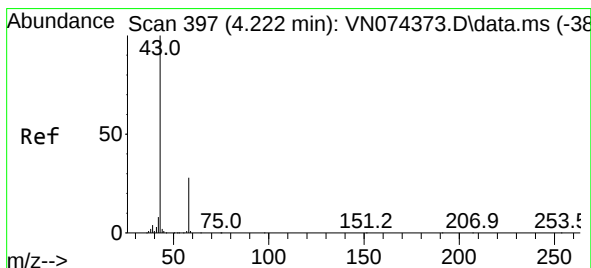
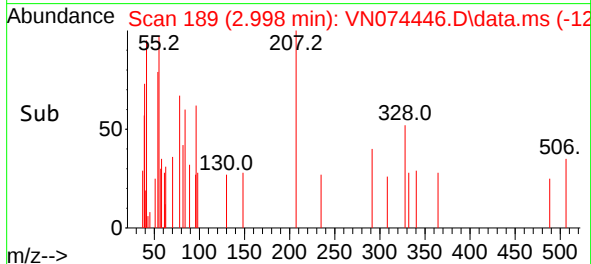
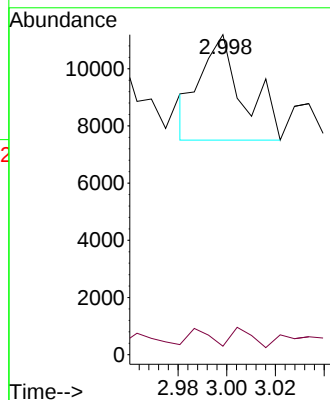
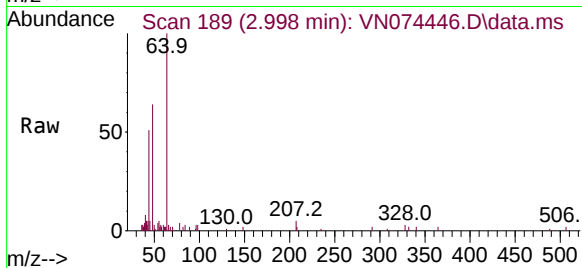




#6
Chloroethane
Concen: Below Cal
RT: 2.998 min Scan# 189
Delta R.T. 0.052 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

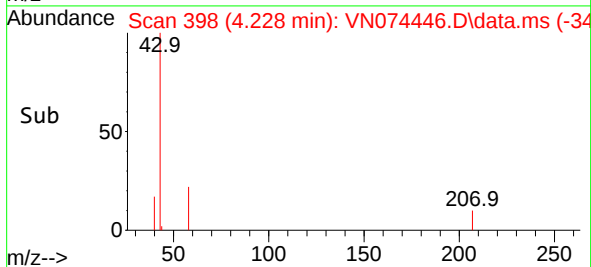
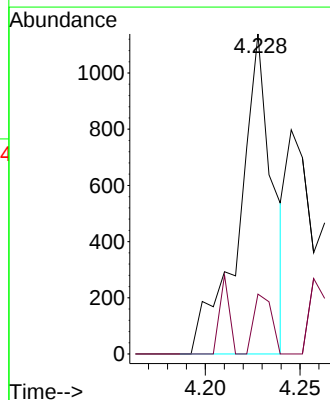
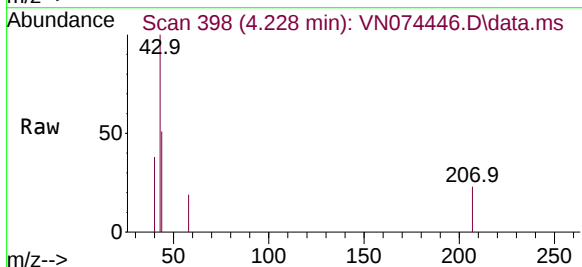
Instrument :
MSVOA_N
ClientSampleId :
MW-04-7-17-090122

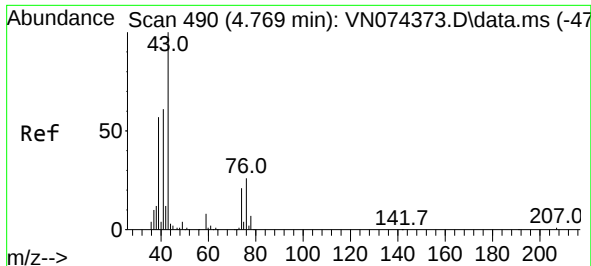
Tgt Ion: 64 Resp: 4475
Ion Ratio Lower Upper
64 100
66 0.0 26.5 39.7#



#16
Acetone
Concen: 0.759 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
58 18.7 22.7 34.1#

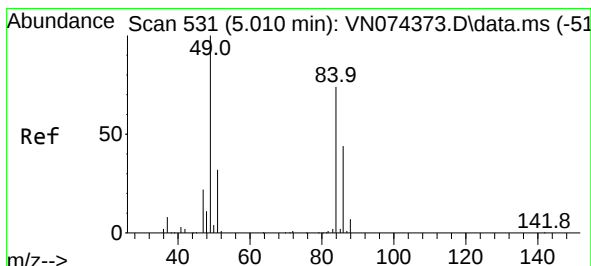
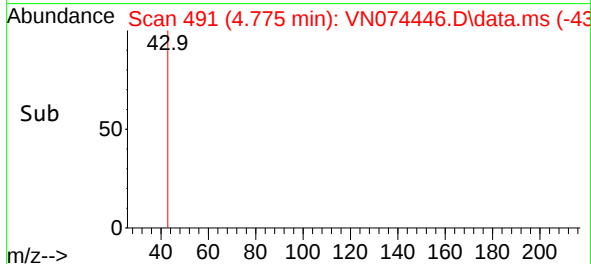
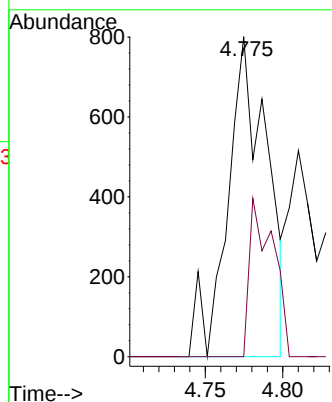
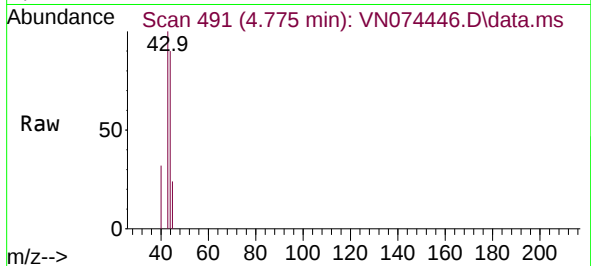




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

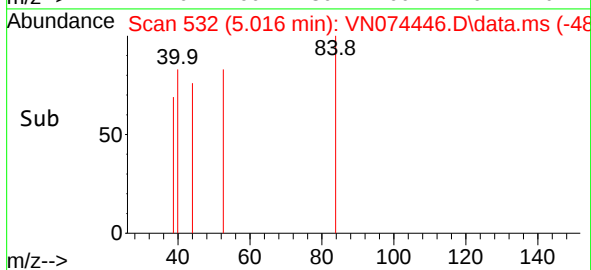
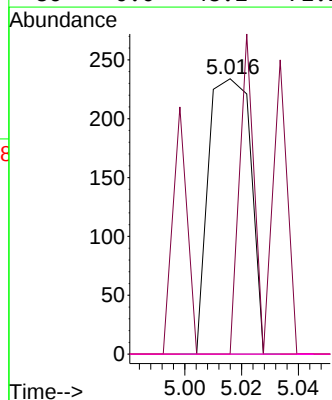
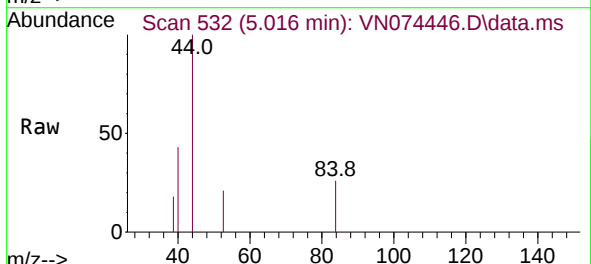
Instrument :
MSVOA_N
ClientSampleId :
MW-04-7-17-090122

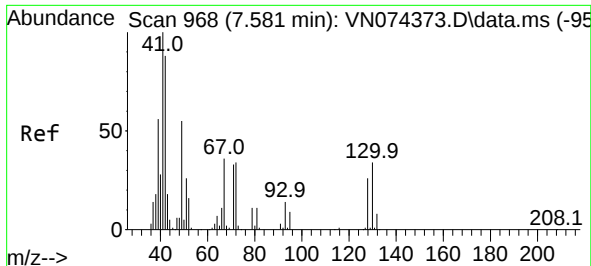
Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
74 29.9 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

Tgt Ion: 84 Resp: 240
Ion Ratio Lower Upper
84 100
49 0.0 108.2 162.4#
51 0.0 34.3 51.5#
86 0.0 48.2 72.2#





#28

Bromochloromethane

Concen: Below Cal

RT: 7.745 min Scan# 996

Delta R.T. 0.164 min

Lab File: VN074446.D

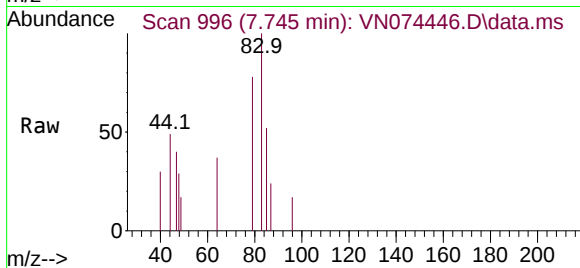
Acq: 13 Sep 2022 20:34

Instrument :

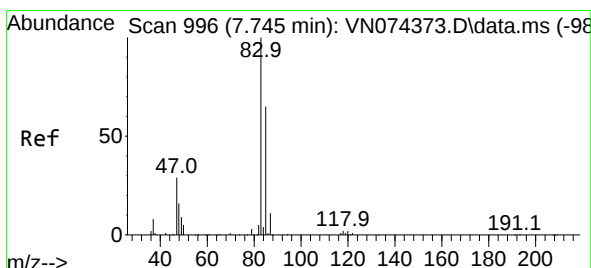
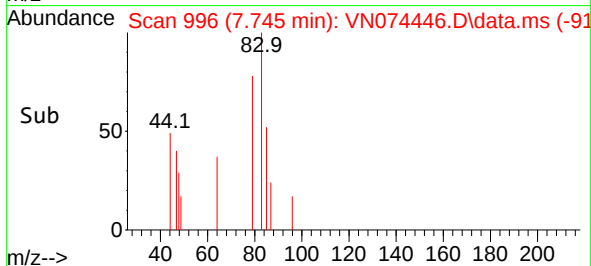
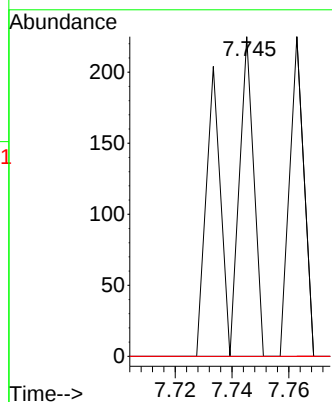
MSVOA_N

ClientSampleId :

MW-04-7-17-090122



Tgt Ion:	49	Resp:	151
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	0.0	50.0	75.0



#30

Chloroform

Concen: 0.378 ug/l

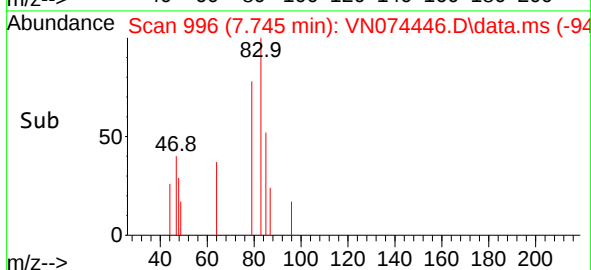
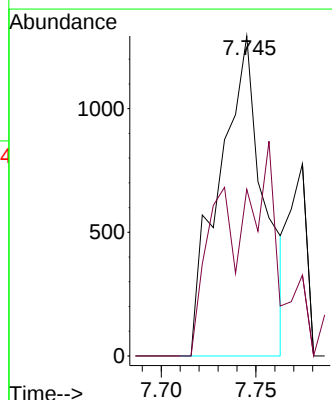
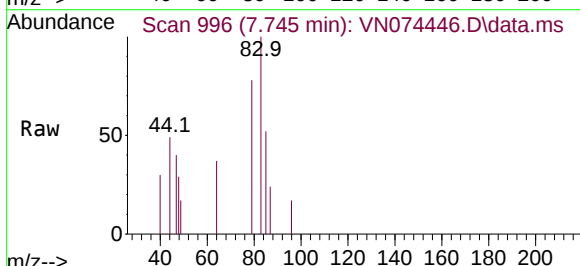
RT: 7.745 min Scan# 996

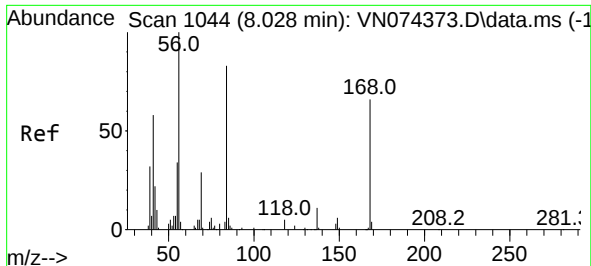
Delta R.T. -0.000 min

Lab File: VN074446.D

Acq: 13 Sep 2022 20:34

Tgt Ion:	83	Resp:	2111
Ion	Ratio	Lower	Upper
83	100		
85	52.1	51.8	77.6





#31

Cyclohexane

Concen: 1.395 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN074446.D

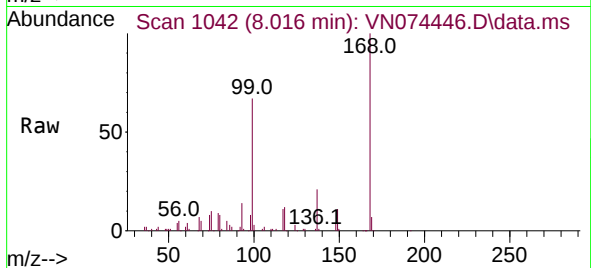
Acq: 13 Sep 2022 20:34

Instrument :

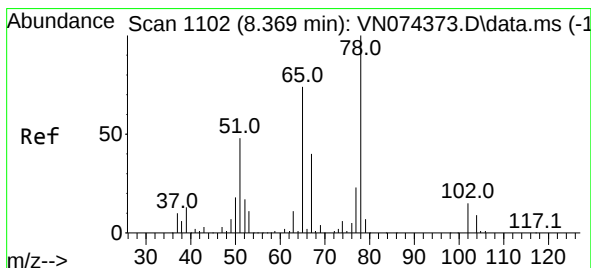
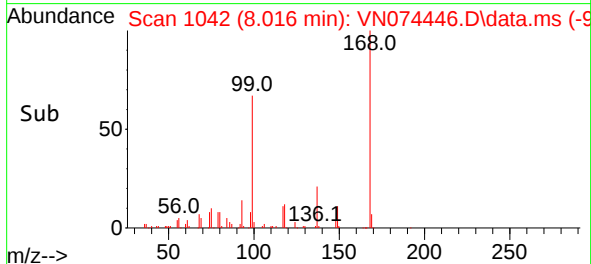
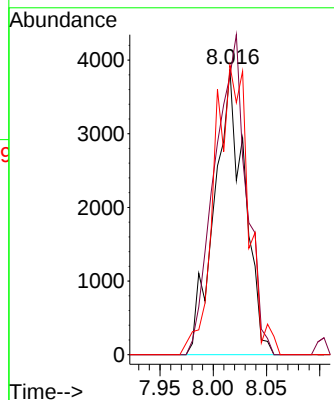
MSVOA_N

ClientSampleId :

MW-04-7-17-090122



Tgt Ion:	56	Resp:	7591
Ion Ratio	Lower	Upper	
56	100		
69	97.8	23.0	34.4#
84	101.4	66.3	99.5#



#33

1,2-Dichloroethane-d4

Concen: 49.109 ug/l

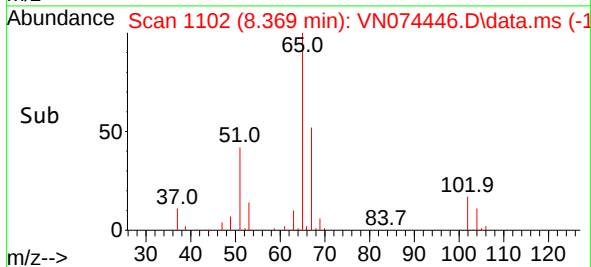
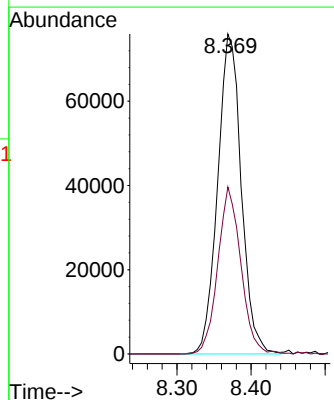
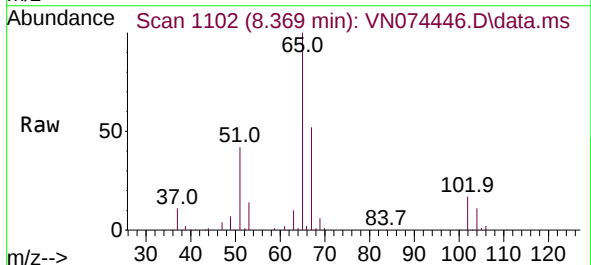
RT: 8.369 min Scan# 1102

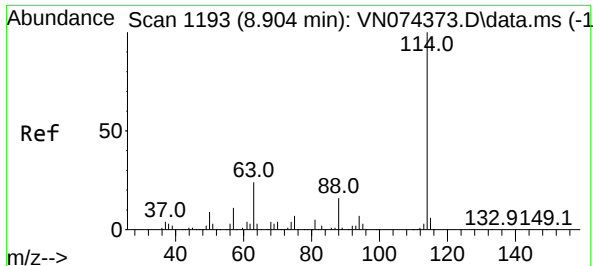
Delta R.T. -0.000 min

Lab File: VN074446.D

Acq: 13 Sep 2022 20:34

Tgt Ion:	65	Resp:	168067
Ion Ratio	Lower	Upper	
65	100		
67	51.0	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: VN074446.D

Acq: 13 Sep 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

MW-04-7-17-090122

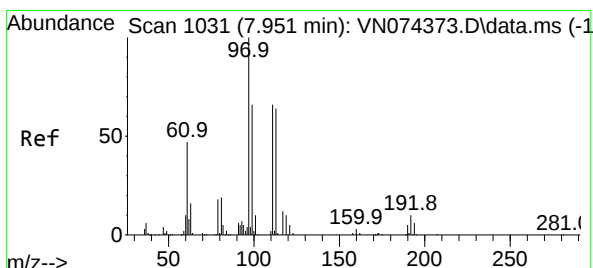
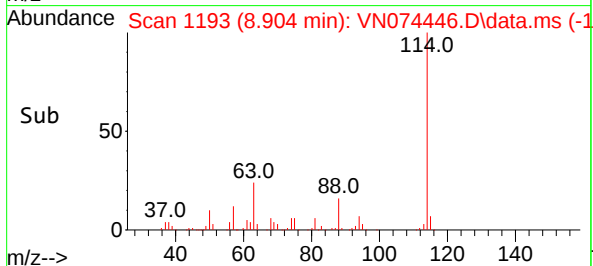
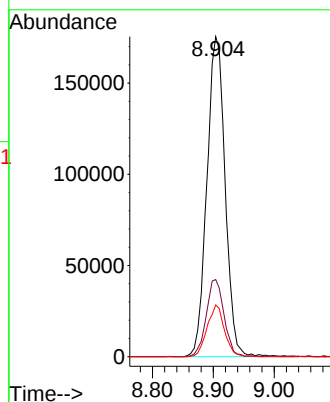
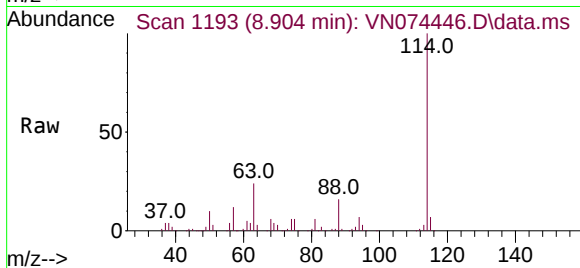
Tgt Ion:114 Resp: 365351

Ion Ratio Lower Upper

114 100

63 24.1 0.0 47.6

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.332 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074446.D

Acq: 13 Sep 2022 20:34

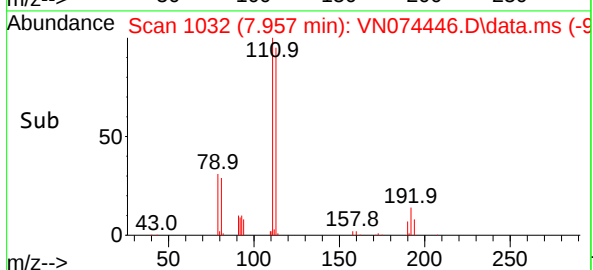
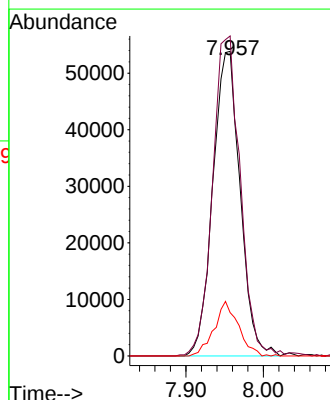
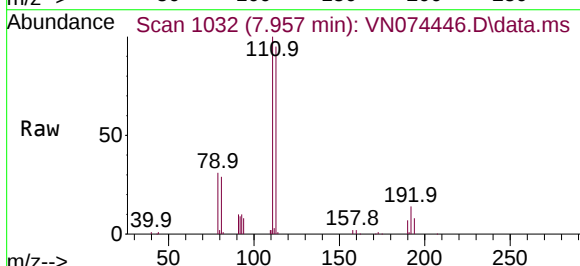
Tgt Ion:113 Resp: 131543

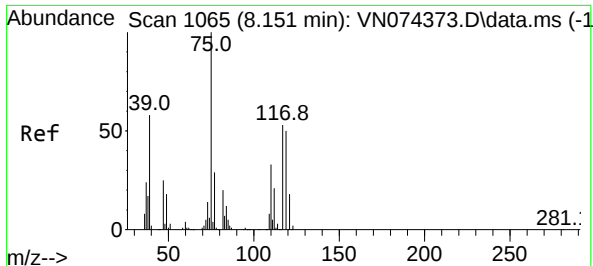
Ion Ratio Lower Upper

113 100

111 106.4 83.0 124.4

192 16.0 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.844 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN074446.D

Acq: 13 Sep 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

MW-04-7-17-090122

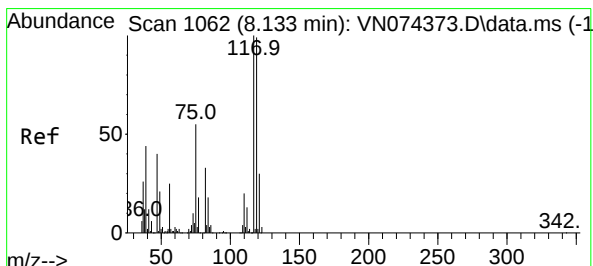
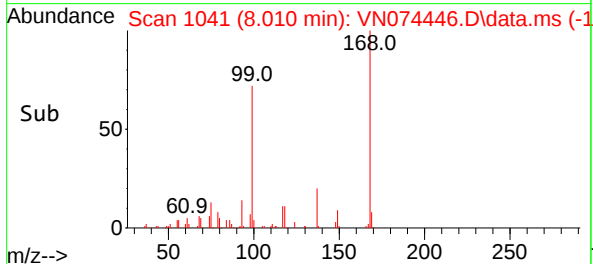
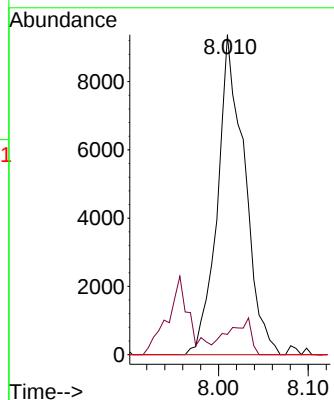
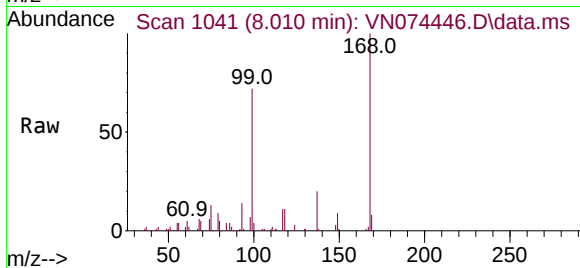
Tgt Ion: 75 Resp: 19684

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.077 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN074446.D

Acq: 13 Sep 2022 20:34

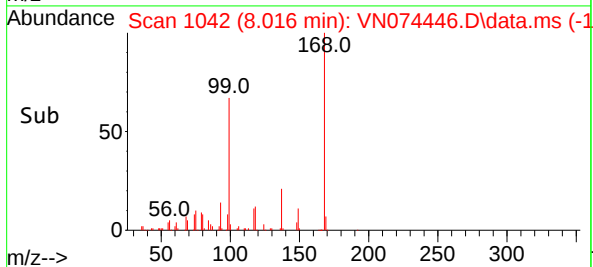
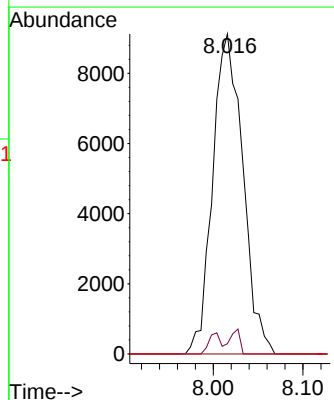
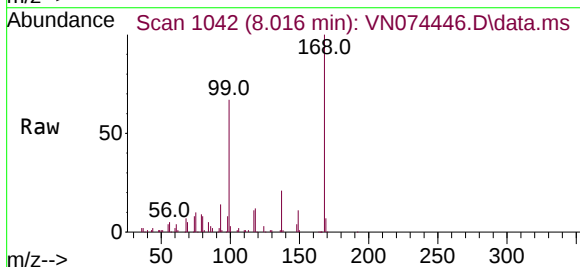
Tgt Ion: 117 Resp: 21296

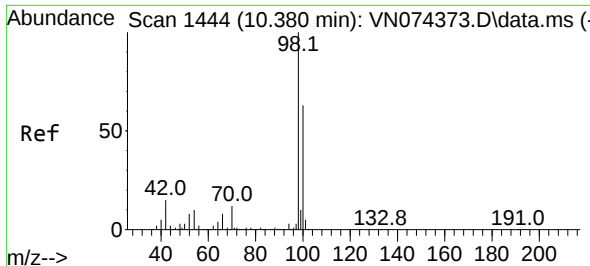
Ion Ratio Lower Upper

117 100

119 3.2 78.8 118.2#

121 0.0 24.1 36.1#

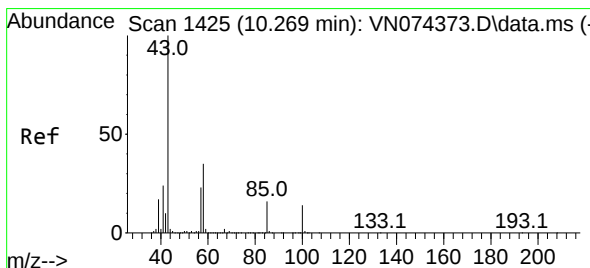
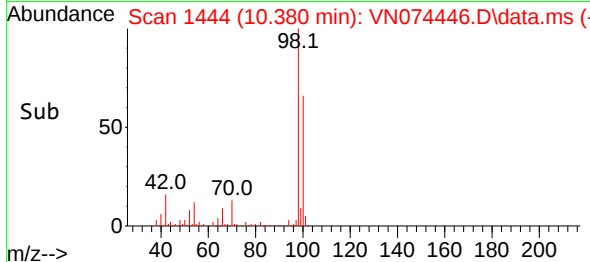
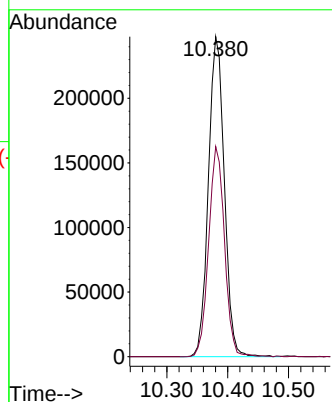
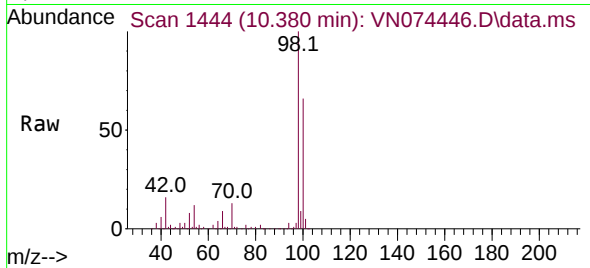




#50
Toluene-d8
Concen: 46.847 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

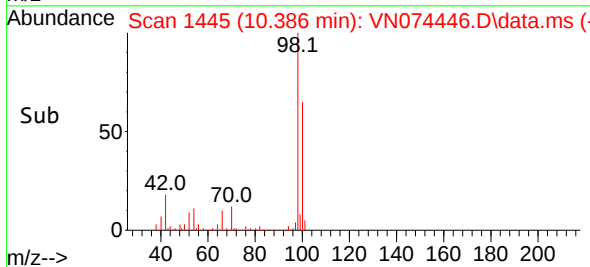
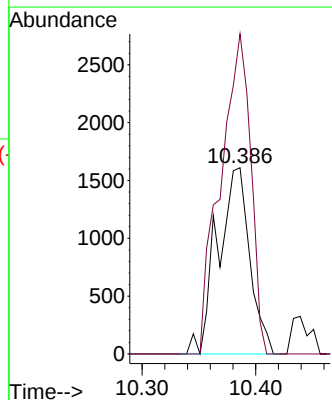
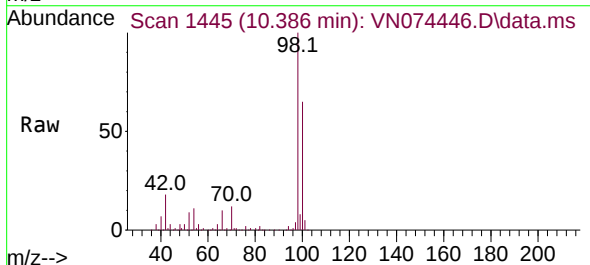
Instrument :
MSVOA_N
ClientSampleId :
MW-04-7-17-090122

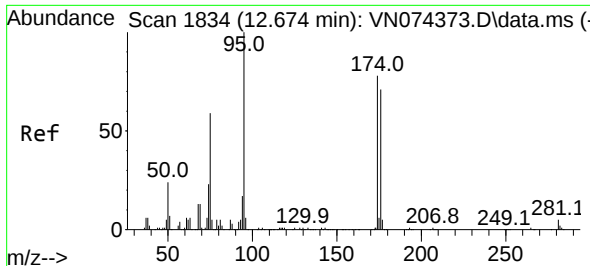
Tgt Ion: 98 Resp: 450227
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 10.386 min Scan# 1445
Delta R.T. 0.118 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

Tgt Ion: 43 Resp: 3161
Ion Ratio Lower Upper
43 100
58 162.2 29.0 43.6#

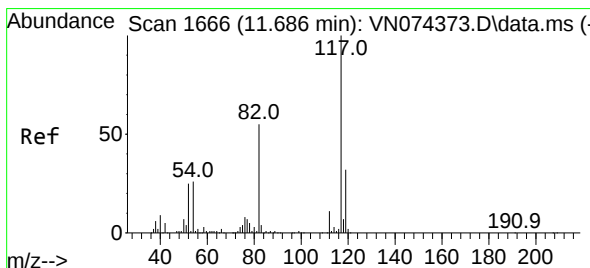
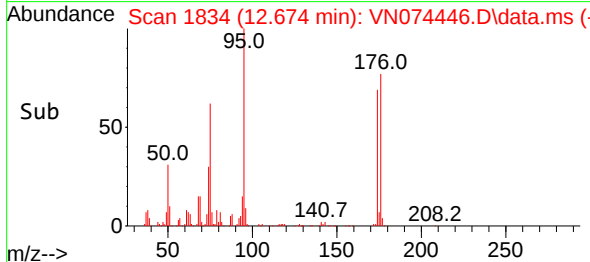
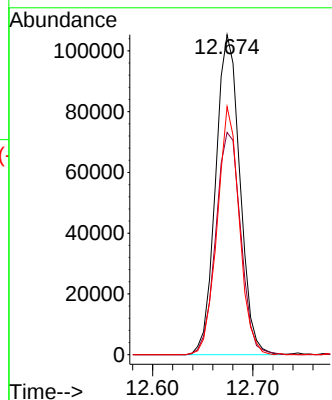
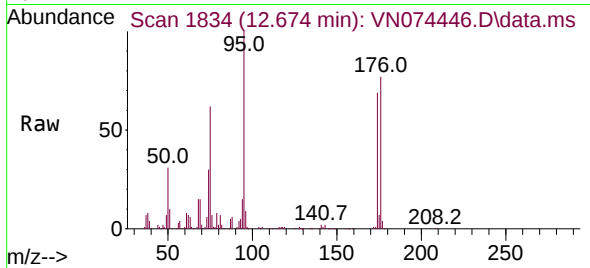




#62
4-Bromofluorobenzene
Concen: 50.635 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

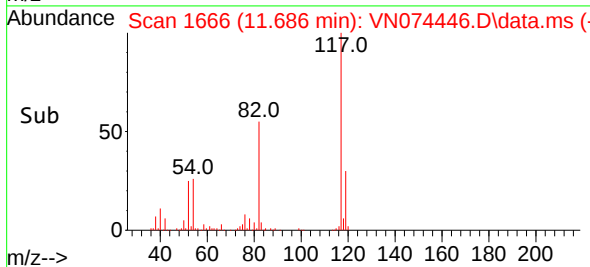
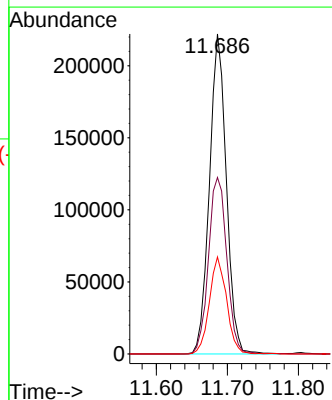
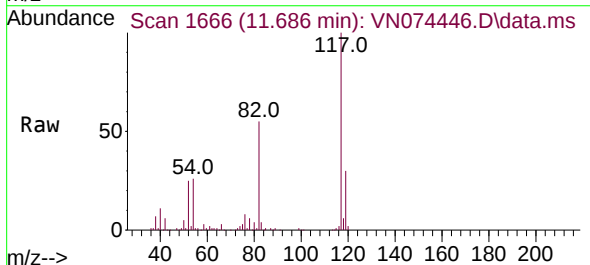
Instrument :
MSVOA_N
ClientSampleId :
MW-04-7-17-090122

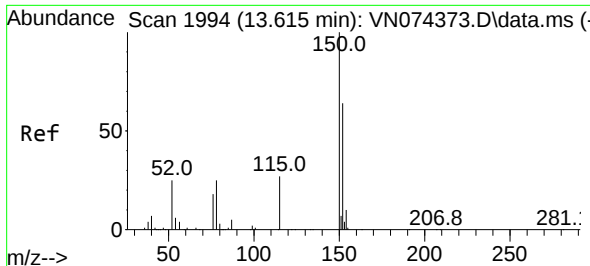
Tgt Ion:	95	Resp:	176677
Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	150.6
176	70.7	0.0	143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

Tgt Ion:	117	Resp:	367654
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	30.3	25.5	38.3

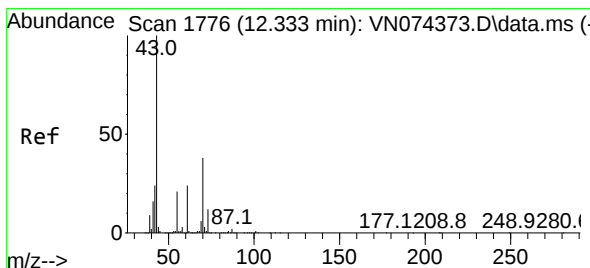
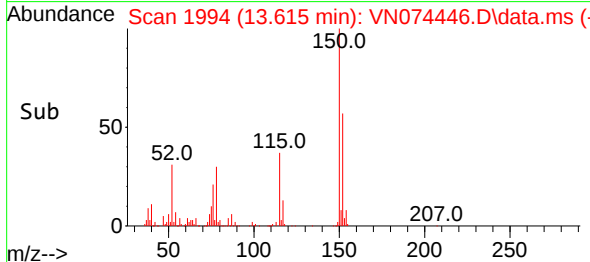
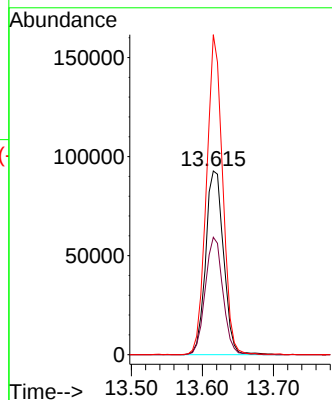
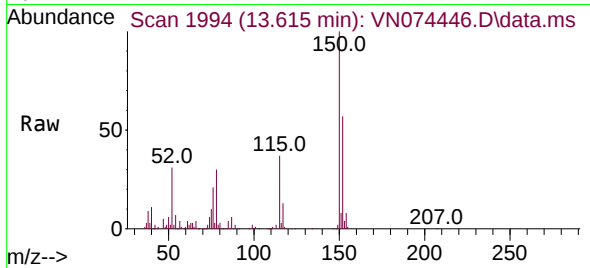




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074446.D
 Acq: 13 Sep 2022 20:34

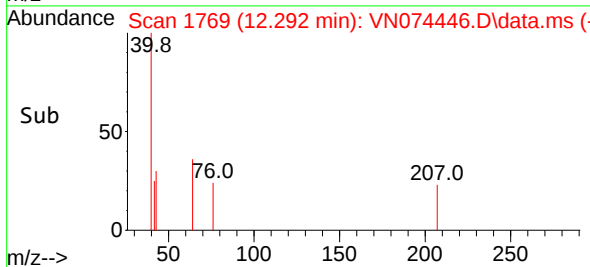
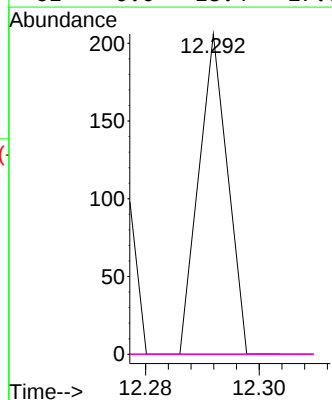
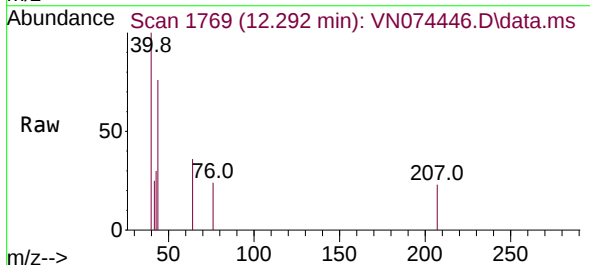
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-04-7-17-090122

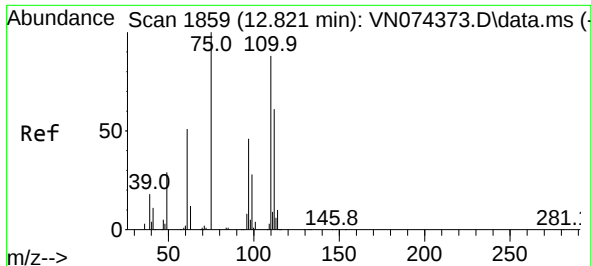
Tgt Ion:152 Resp: 162701
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.0 96.0
 150 157.3 0.0 359.6



#74
 N-ethyl acetate
 Concen: Below Cal
 RT: 12.292 min Scan# 1769
 Delta R.T. -0.041 min
 Lab File: VN074446.D
 Acq: 13 Sep 2022 20:34

Tgt Ion: 43 Resp: 73
 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#

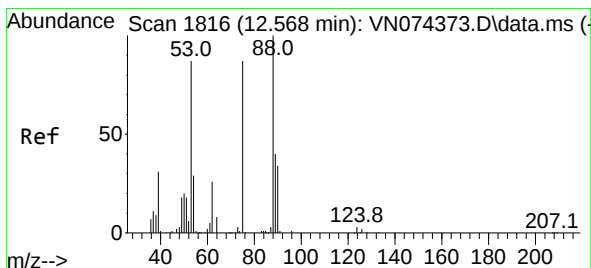
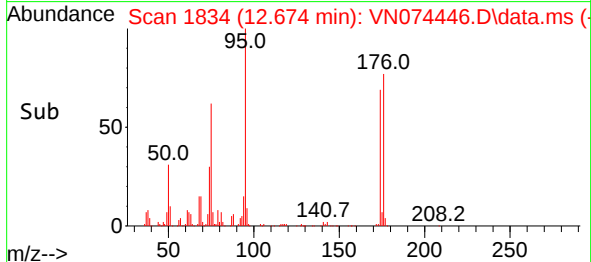
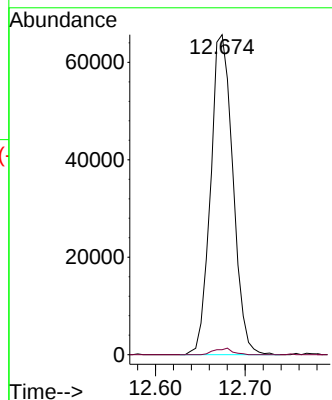
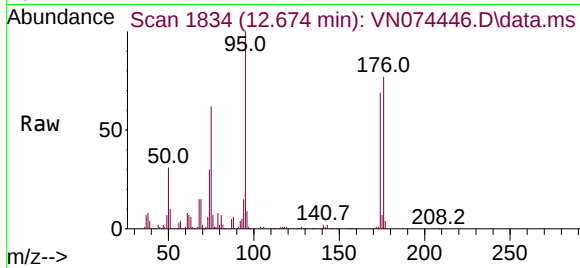




#76
1,2,3-Trichloropropane
Concen: 26.685 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

Instrument :
MSVOA_N
ClientSampleId :
MW-04-7-17-090122

Tgt Ion: 75 Resp: 113497
Ion Ratio Lower Upper
75 100
77 1.7 78.9 236.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.479 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074446.D
Acq: 13 Sep 2022 20:34

Tgt Ion: 75 Resp: 113497
Ion Ratio Lower Upper
75 100
53 0.0 82.2 123.2#
89 0.0 37.7 56.5#

