

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074441.D
 Acq On : 13 Sep 2022 18:31
 Operator : JC\MD
 Sample : N4492-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-02-4-14-090122

Quant Time: Sep 14 08:04:07 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)

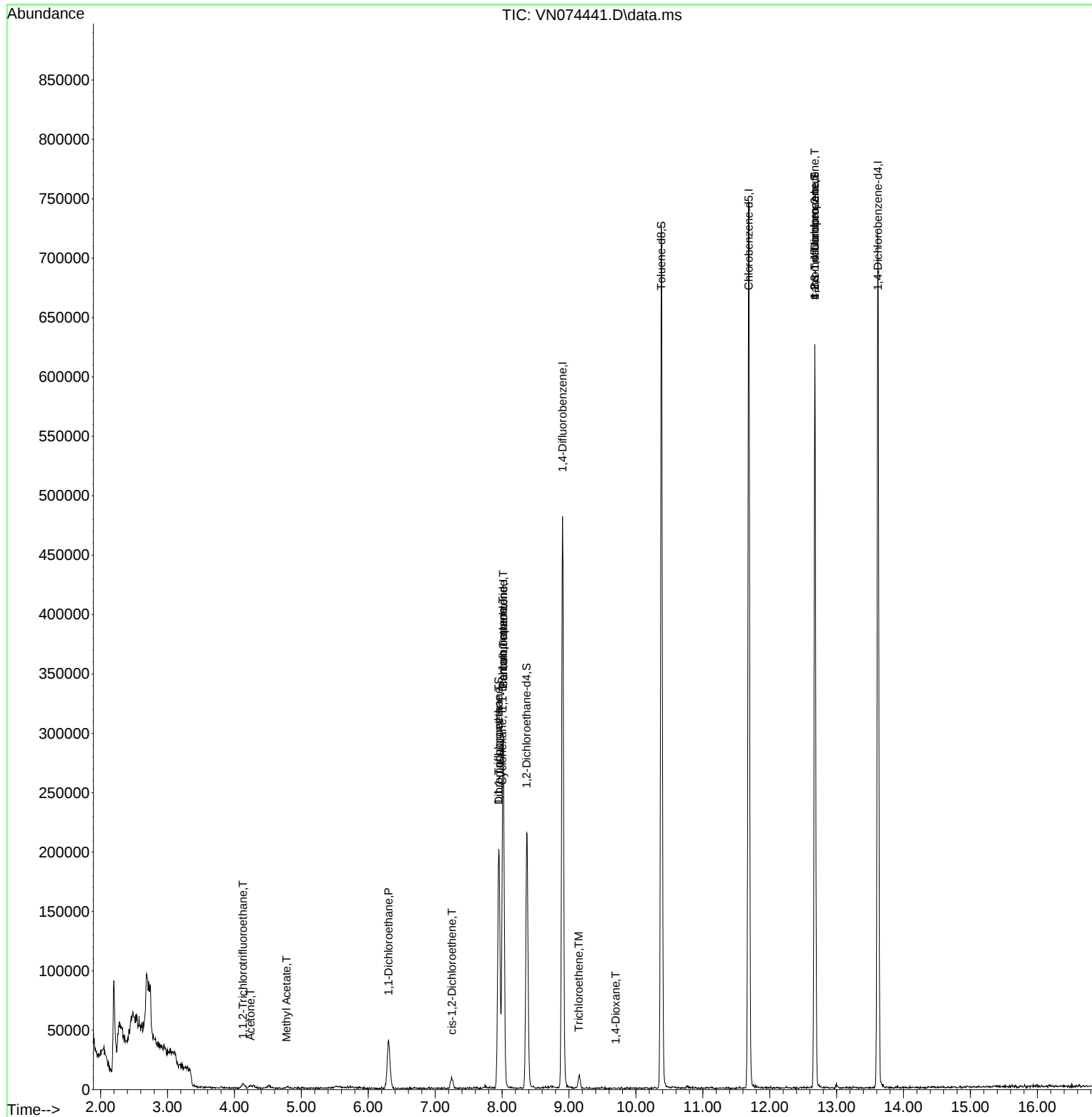
Internal Standards						
1) Pentafluorobenzene	8.016	168	199825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	376557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	369716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	166715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171029	49.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.940%
35) Dibromofluoromethane	7.951	113	132207	52.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.020%
50) Toluene-d8	10.380	98	452418	45.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.674	95	183344	50.982	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.257	50	2014	Below Cal		98
6) Chloroethane	2.746	64	8765	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	4.128	101	1067	0.417	ug/l #	53
16) Acetone	4.240	43	2759	1.478	ug/l	97
18) Methyl Acetate	4.781	43	1115	0.203	ug/l #	65
20) Methylene Chloride	5.004	84	55	Below Cal	#	16
24) 1,1-Dichloroethane	6.304	63	53435	9.453	ug/l #	95
27) cis-1,2-Dichloroethene	7.251	96	4043	1.176	ug/l	99
31) Cyclohexane	8.004	56	7030	1.279	ug/l #	56
32) 1,1,1-Trichloroethane	7.951	97	6243	1.233	ug/l #	23
36) 1,1-Dichloropropene	8.010	75	21296	5.085	ug/l #	51
38) Carbon Tetrachloride	8.016	117	23433	5.420	ug/l #	16
44) Trichloroethene	9.145	130	1991	0.693	ug/l	98
49) 1,4-Dioxane	9.698	88	68	0.737	ug/l #	1
74) N-amyl acetate	12.310	43	71	Below Cal	#	45
76) 1,2,3-Trichloropropane	12.674	75	116642	26.764	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	116642	59.656	ug/l #	9

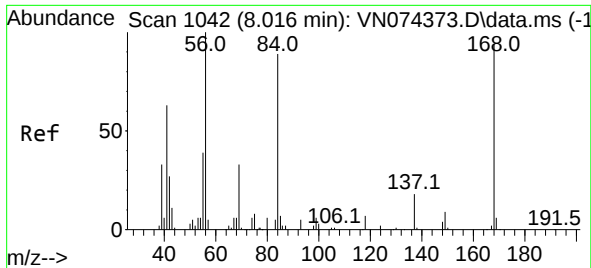
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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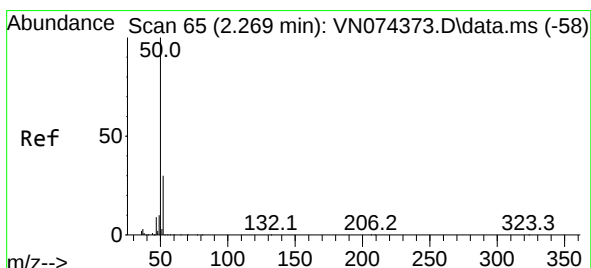
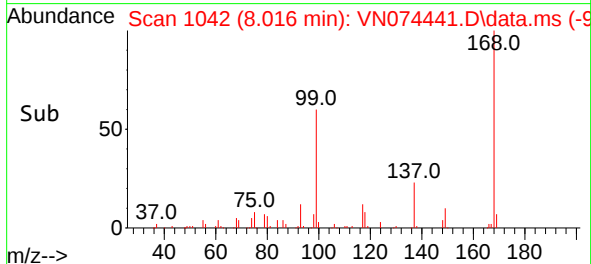
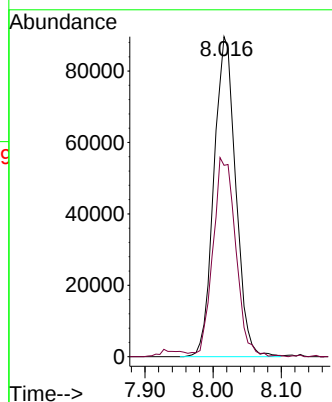
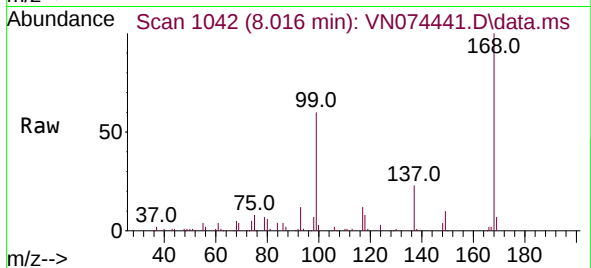




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

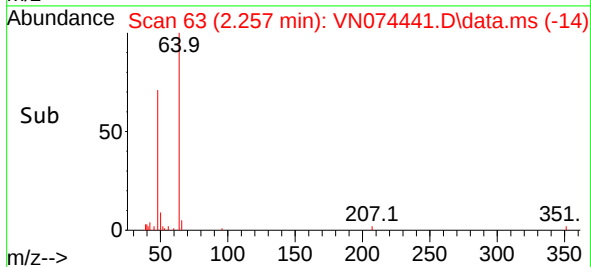
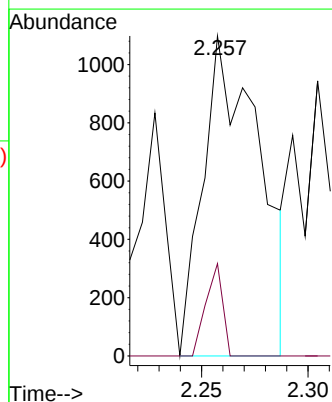
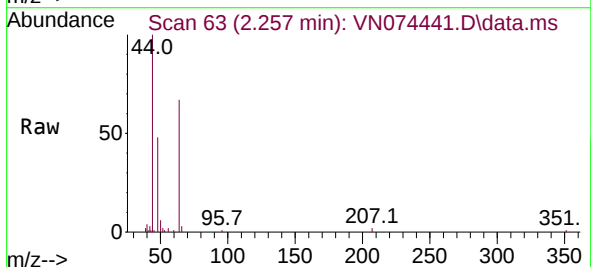
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122

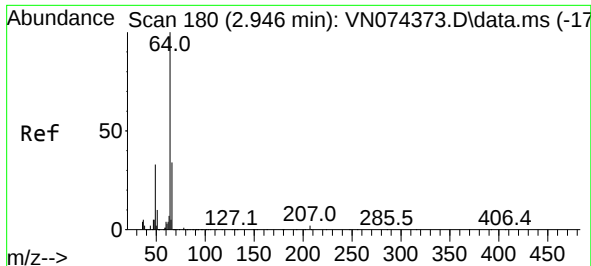
Tgt Ion:168 Resp: 199825
Ion Ratio Lower Upper
168 100
99 59.4 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.257 min Scan# 63
Delta R.T. -0.012 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

Tgt Ion: 50 Resp: 2014
Ion Ratio Lower Upper
50 100
52 28.9 24.1 36.1

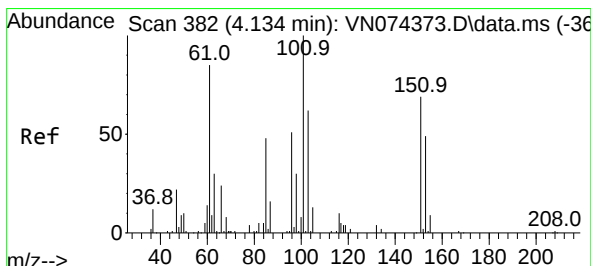
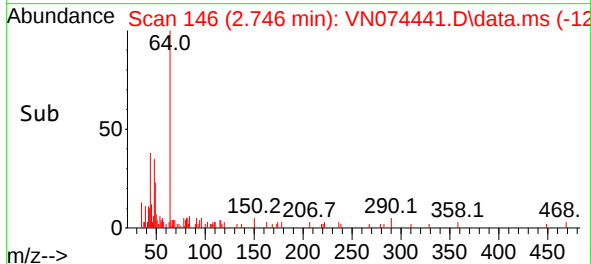
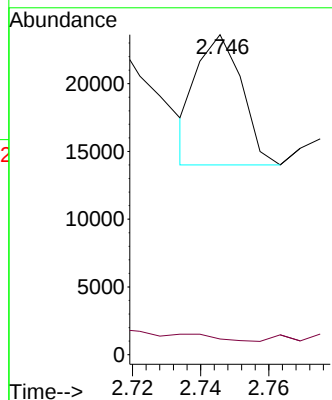
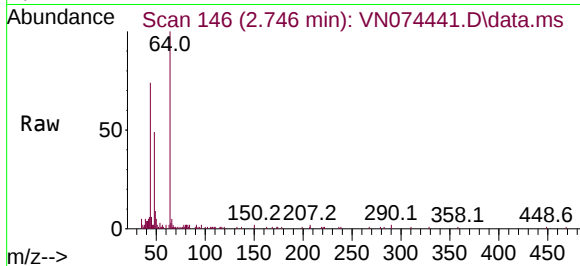




#6
Chloroethane
Concen: Below Cal
RT: 2.746 min Scan# 14
Delta R.T. -0.200 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

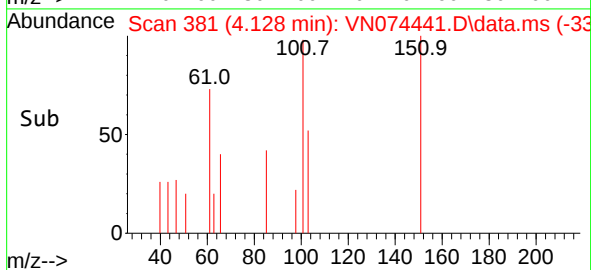
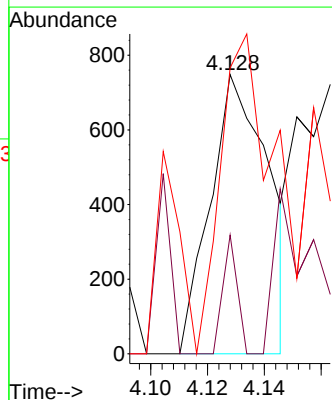
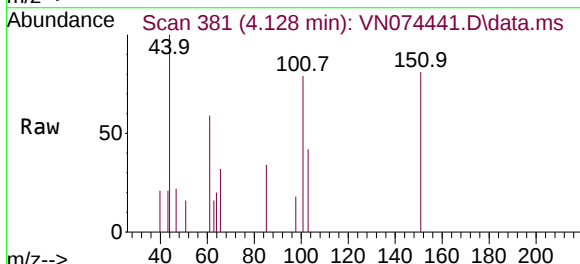
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122

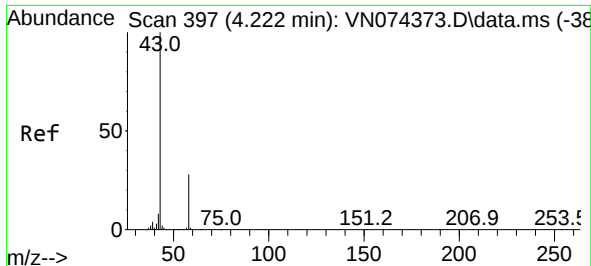
Tgt Ion: 64 Resp: 8765
Ion Ratio Lower Upper
64 100
66 0.0 26.5 39.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.417 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

Tgt Ion: 101 Resp: 1067
Ion Ratio Lower Upper
101 100
85 10.5 39.5 59.3#
151 105.5 57.8 86.6#

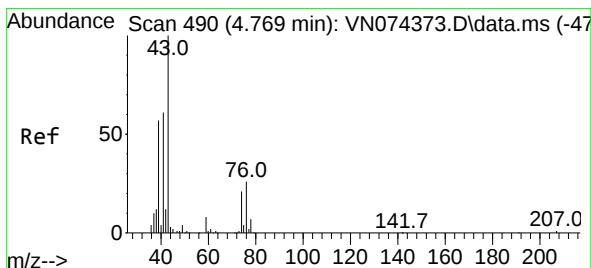
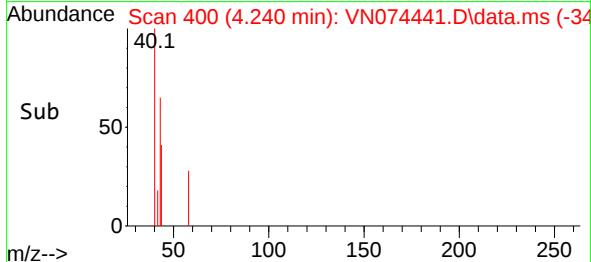
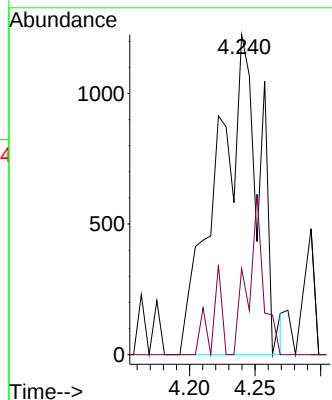
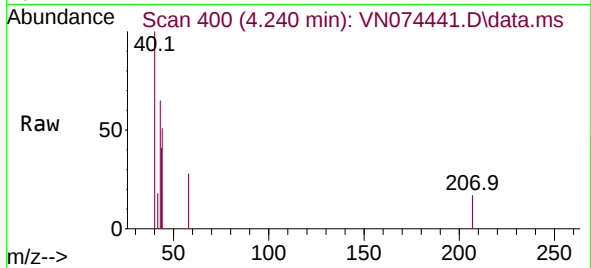




#16
Acetone
Concen: 1.478 ug/l
RT: 4.240 min Scan# 401
Delta R.T. 0.018 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

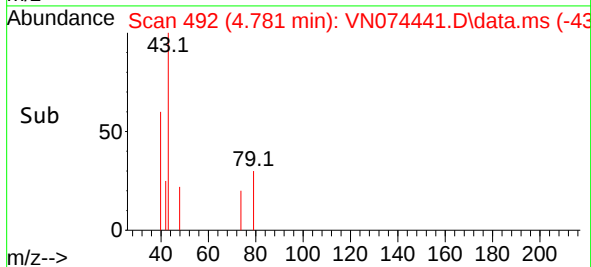
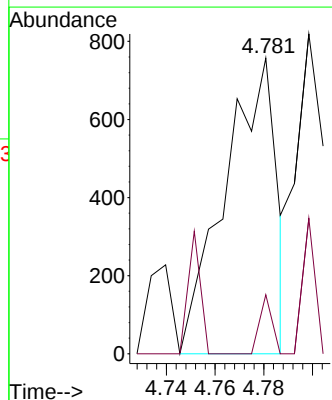
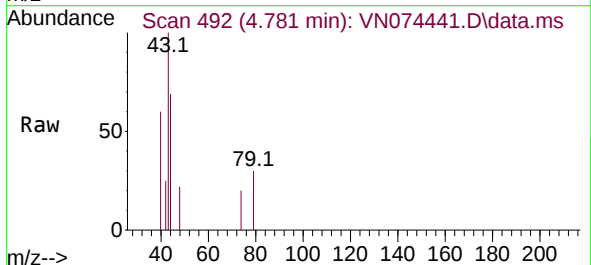
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122

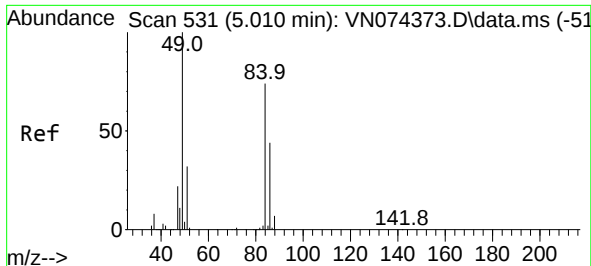
Tgt Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
58 26.9 22.7 34.1



#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

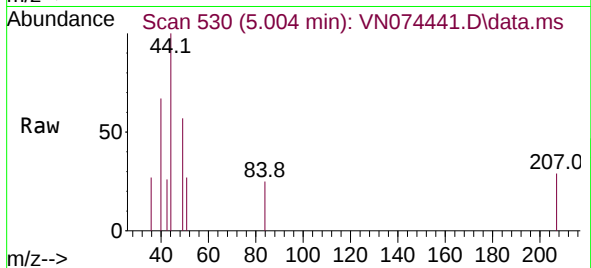
Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
74 4.8 16.7 25.1#



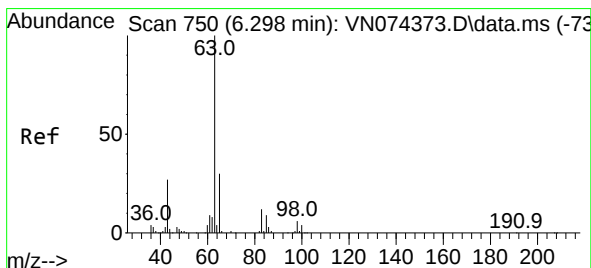
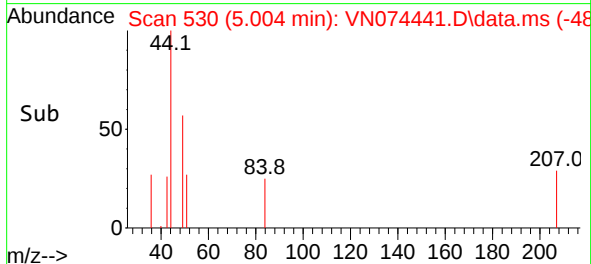
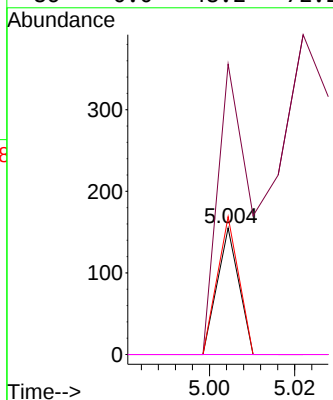


#20
Methylene Chloride
Concen: Below Cal
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122

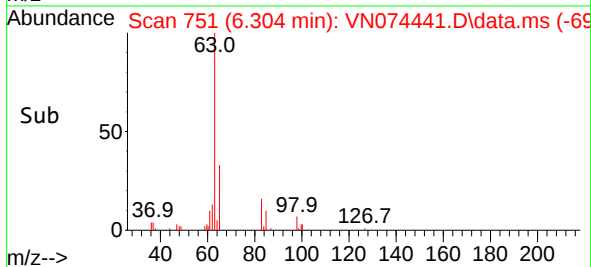
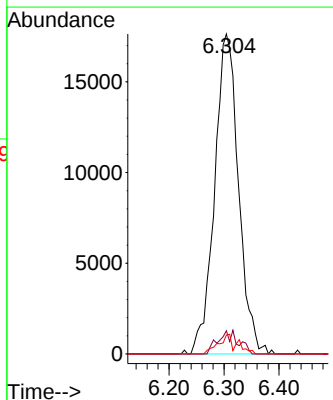
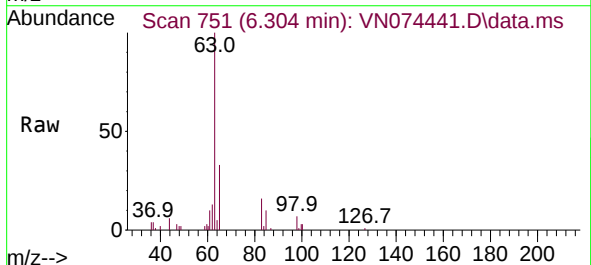


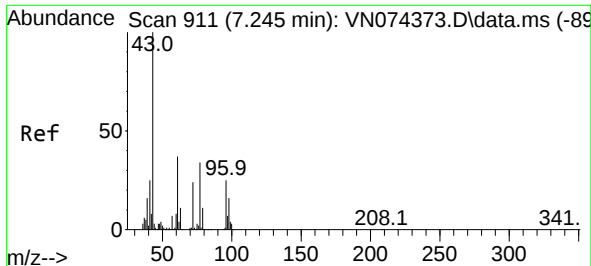
Tgt Ion:	84	Resp:	55
Ion	Ratio	Lower	Upper
84	100		
49	229.7	108.2	162.4#
51	109.0	34.3	51.5#
86	0.0	48.2	72.2#



#24
1,1-Dichloroethane
Concen: 9.453 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.006 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

Tgt Ion:	63	Resp:	53435
Ion	Ratio	Lower	Upper
63	100		
98	7.3	2.9	8.6
100	5.9	2.0	5.8#

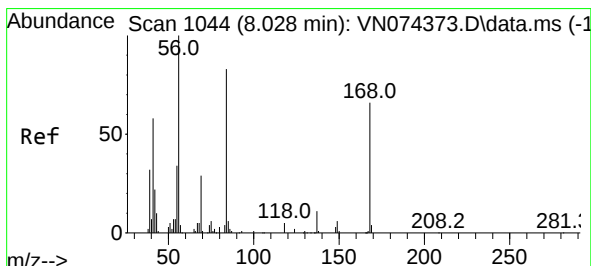
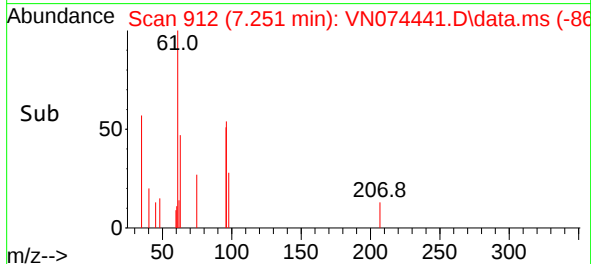
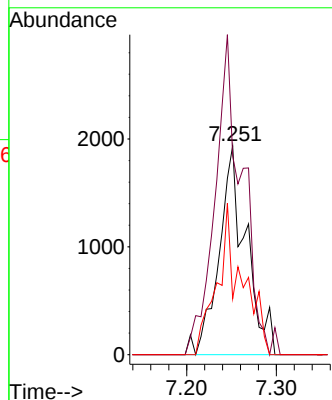
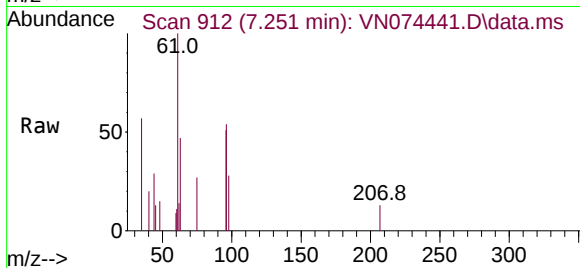




#27
 cis-1,2-Dichloroethene
 Concen: 1.176 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074441.D
 Acq: 13 Sep 2022 18:31

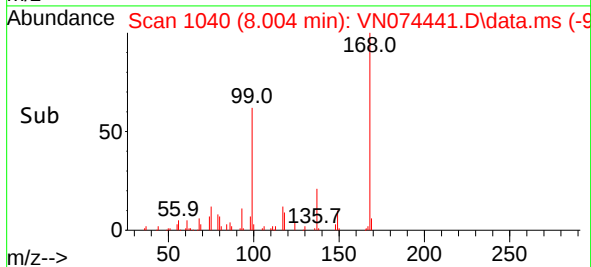
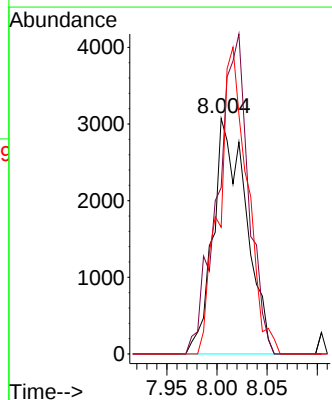
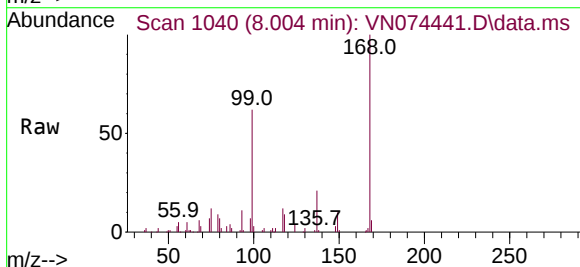
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-02-4-14-090122

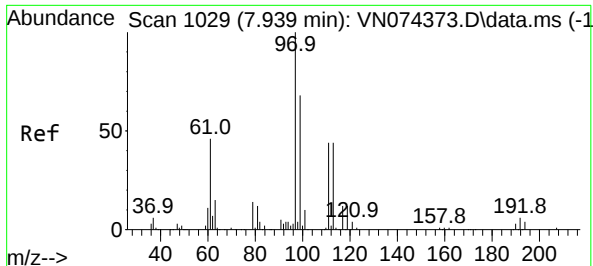
Tgt Ion: 96 Resp: 4043
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 306.2
 98 67.3 0.0 129.8



#31
 Cyclohexane
 Concen: 1.279 ug/l
 RT: 8.004 min Scan# 1040
 Delta R.T. -0.023 min
 Lab File: VN074441.D
 Acq: 13 Sep 2022 18:31

Tgt Ion: 56 Resp: 7030
 Ion Ratio Lower Upper
 56 100
 69 70.6 23.0 34.4#
 84 53.8 66.3 99.5#





#32

1,1,1-Trichloroethane

Concen: 1.233 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VN074441.D

Acq: 13 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

MW-02-4-14-090122

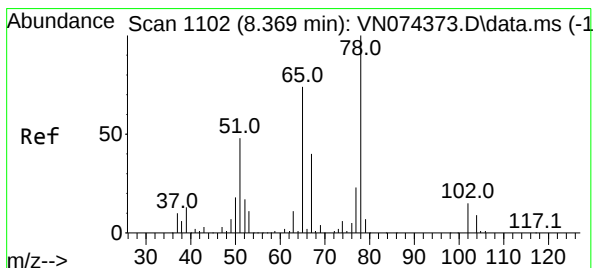
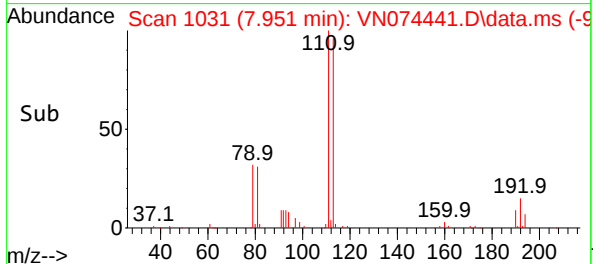
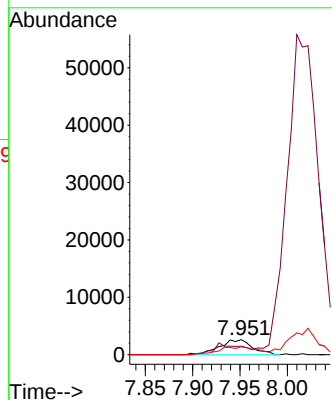
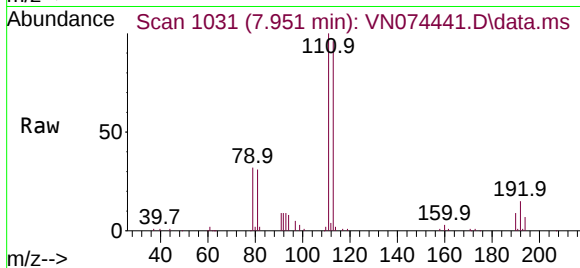
Tgt Ion: 97 Resp: 6243

Ion Ratio Lower Upper

97 100

99 0.0 50.2 75.2#

61 0.0 38.7 58.1#



#33

1,2-Dichloroethane-d4

Concen: 49.469 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074441.D

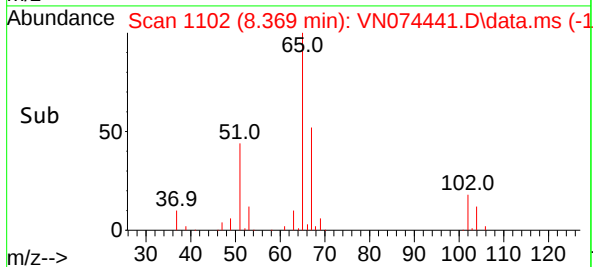
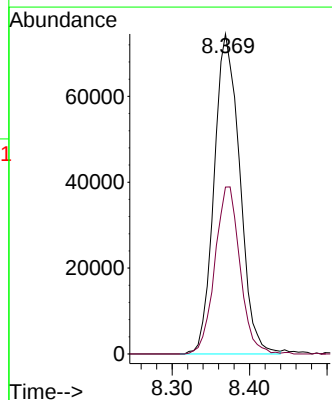
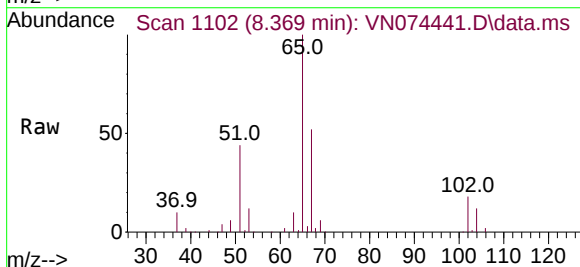
Acq: 13 Sep 2022 18:31

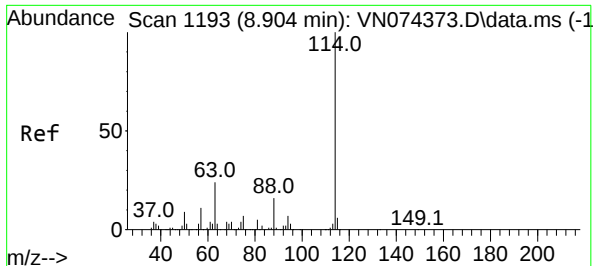
Tgt Ion: 65 Resp: 171029

Ion Ratio Lower Upper

65 100

67 51.5 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: VN074441.D

Acq: 13 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

MW-02-4-14-090122

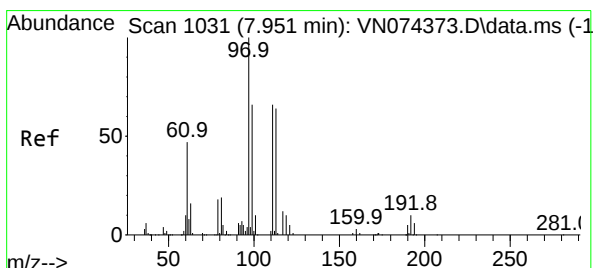
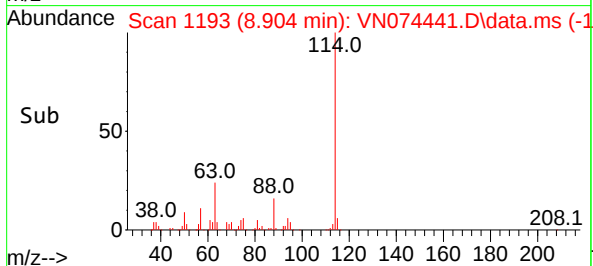
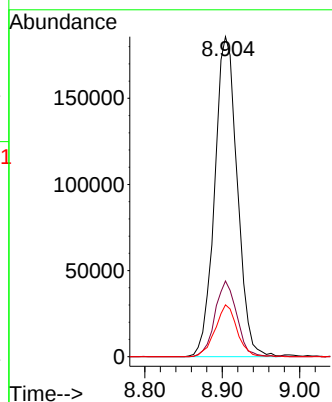
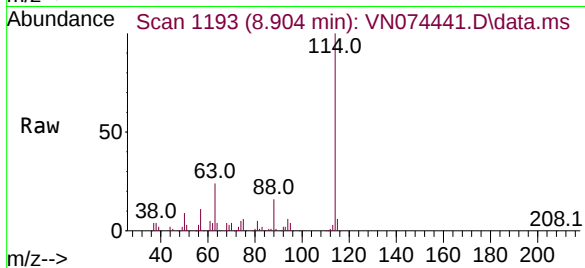
Tgt Ion:114 Resp: 376557

Ion Ratio Lower Upper

114 100

63 23.7 0.0 47.6

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.006 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074441.D

Acq: 13 Sep 2022 18:31

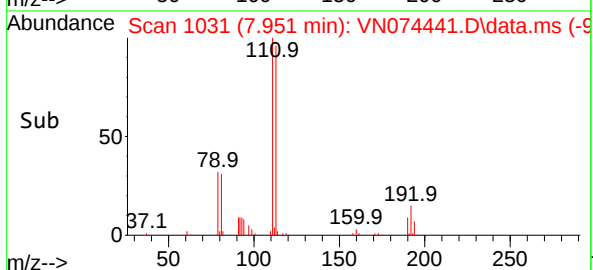
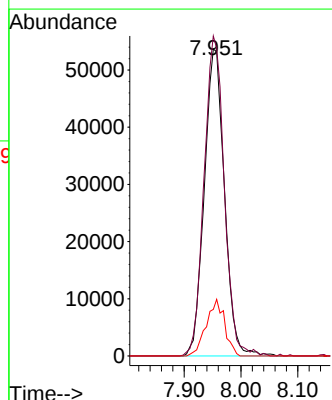
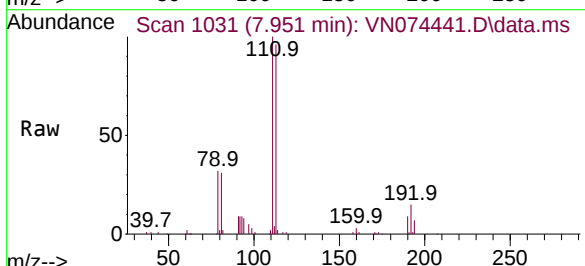
Tgt Ion:113 Resp: 132207

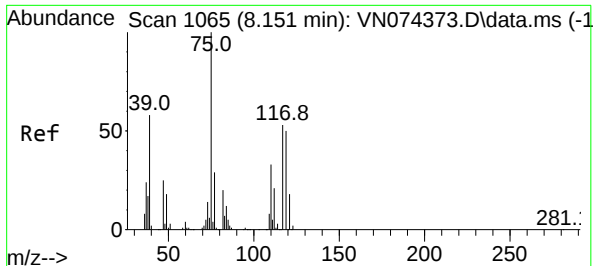
Ion Ratio Lower Upper

113 100

111 104.4 83.0 124.4

192 16.8 13.7 20.5





#36

1,1-Dichloropropene

Concen: 5.085 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN074441.D

Acq: 13 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

MW-02-4-14-090122

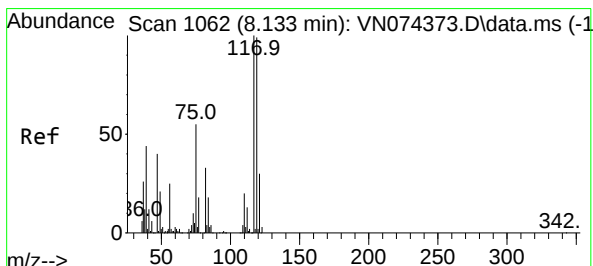
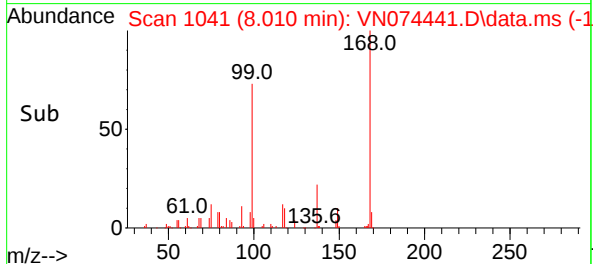
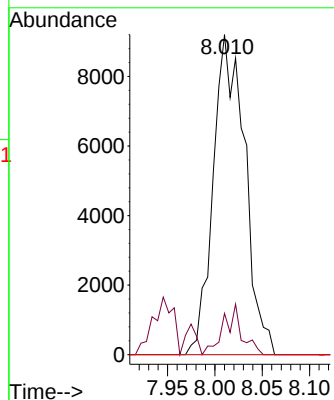
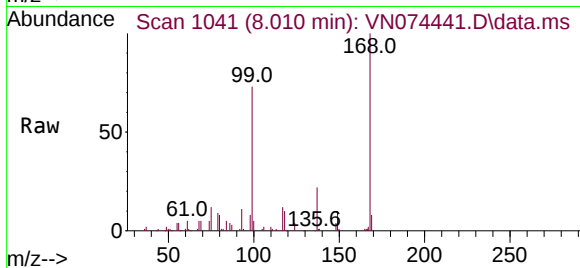
Tgt Ion: 75 Resp: 21296

Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.420 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN074441.D

Acq: 13 Sep 2022 18:31

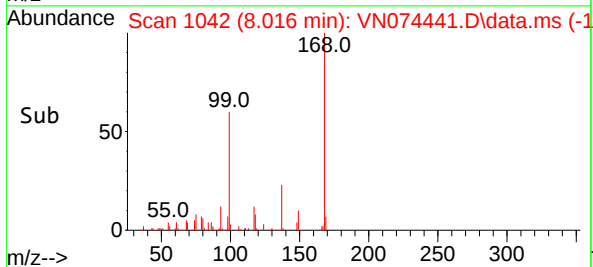
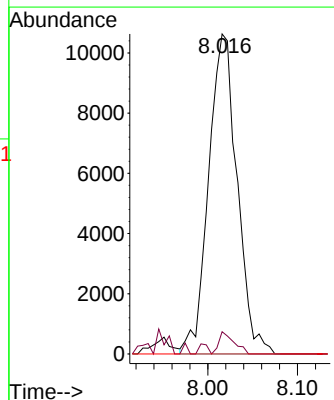
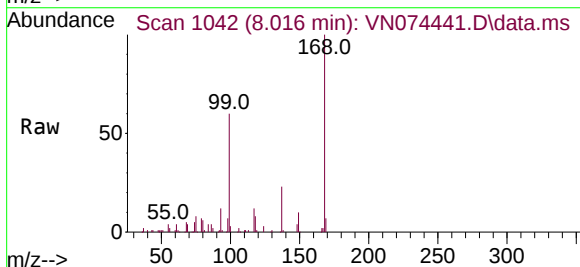
Tgt Ion: 117 Resp: 23433

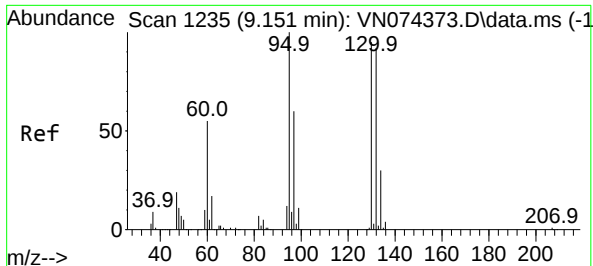
Ion Ratio Lower Upper

117 100

119 6.9 78.8 118.2#

121 0.0 24.1 36.1#

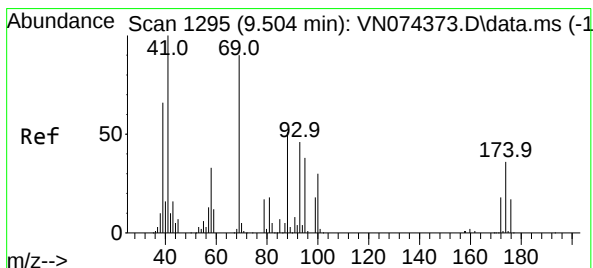
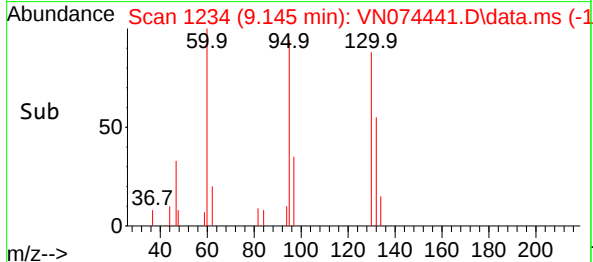
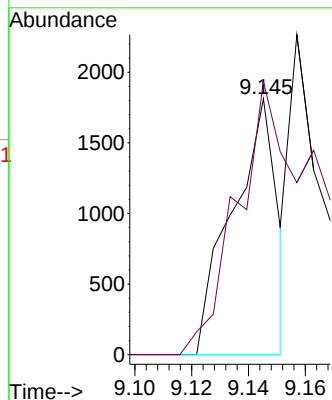
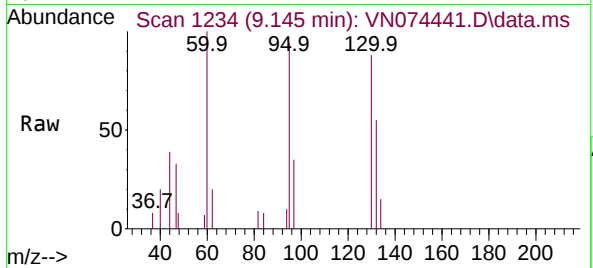




#44
Trichloroethene
Concen: 0.693 ug/l
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

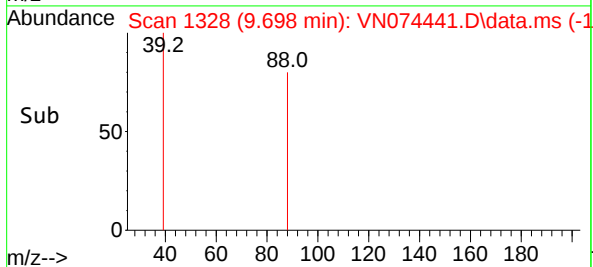
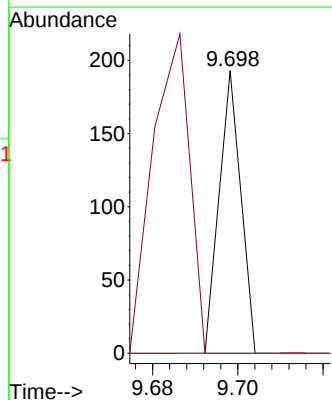
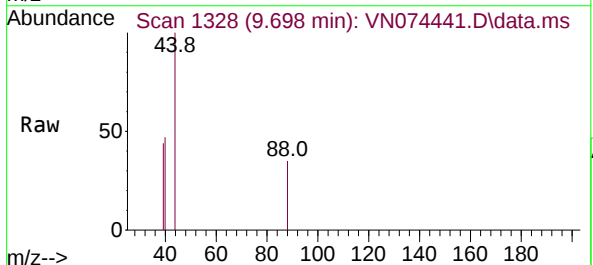
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122

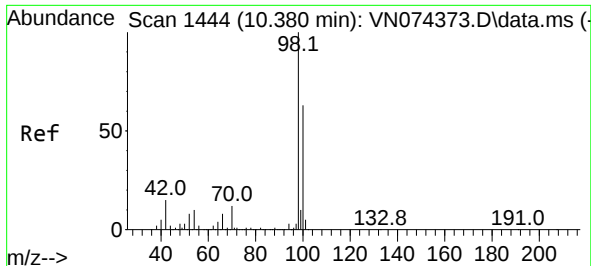
Tgt Ion:130 Resp: 1991
Ion Ratio Lower Upper
130 100
95 106.8 0.0 210.0



#49
1,4-Dioxane
Concen: 0.737 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.194 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 194.1 26.9 40.3#
58 0.0 52.7 79.1#

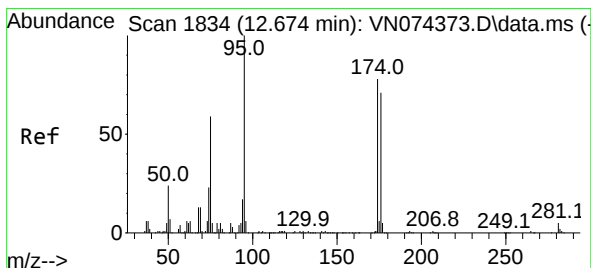
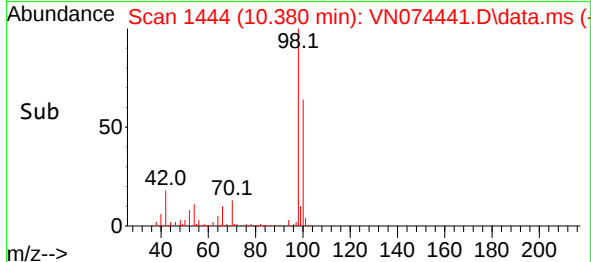
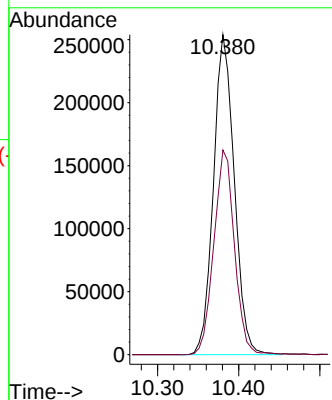
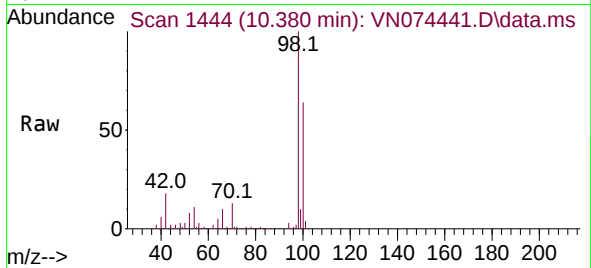




#50
Toluene-d8
Concen: 45.674 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

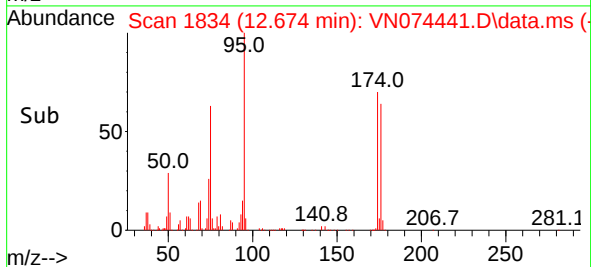
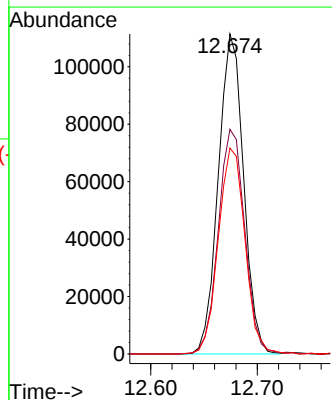
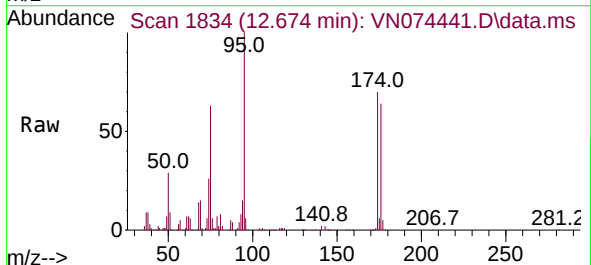
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122

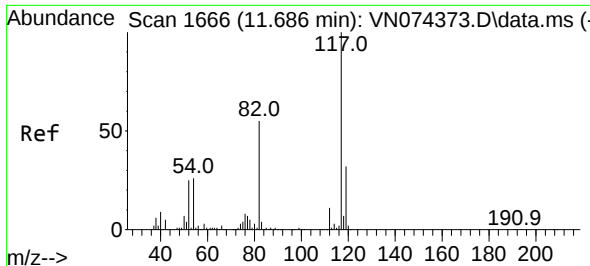
Tgt Ion: 98 Resp: 452418
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 50.982 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

Tgt Ion: 95 Resp: 183344
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.6
176 68.0 0.0 143.4

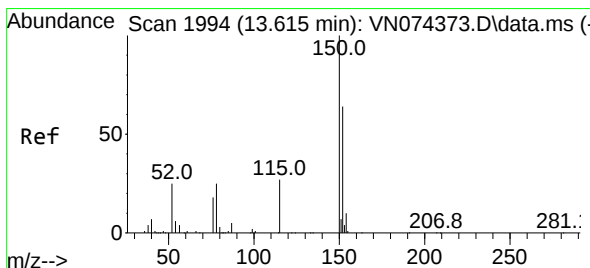
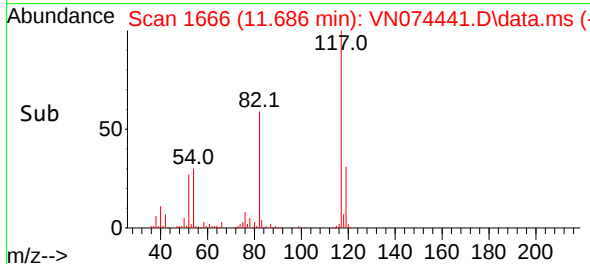
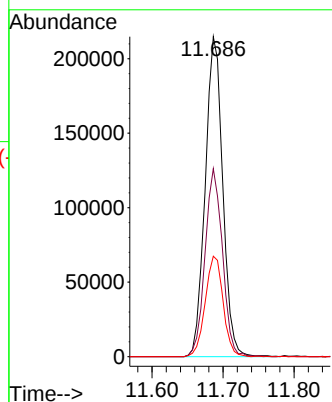
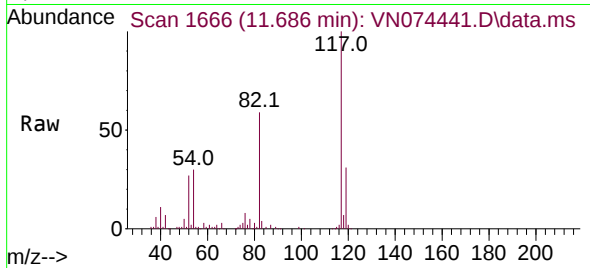




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

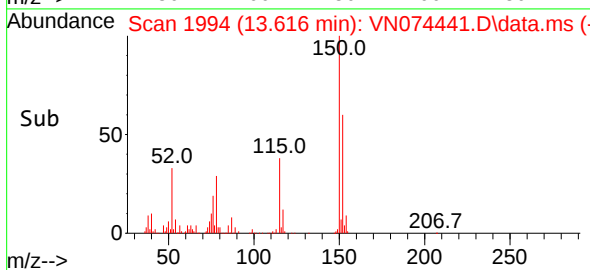
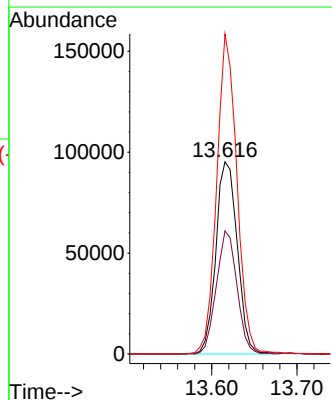
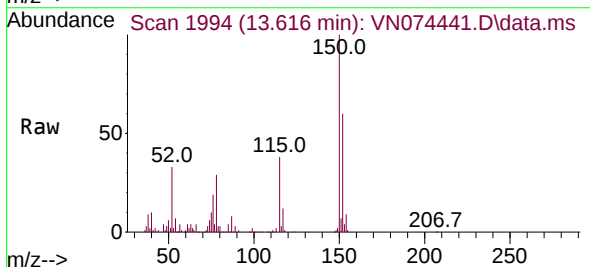
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122

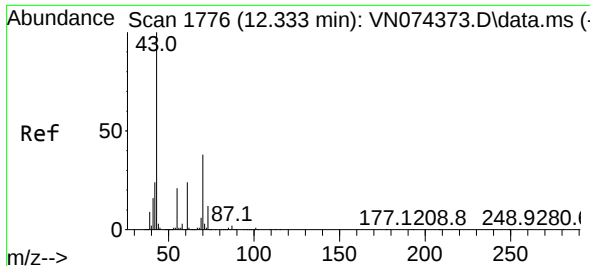
Tgt Ion:117 Resp: 369716
Ion Ratio Lower Upper
117 100
82 58.7 44.3 66.5
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

Tgt Ion:152 Resp: 166715
Ion Ratio Lower Upper
152 100
115 61.5 32.0 96.0
150 156.5 0.0 359.6

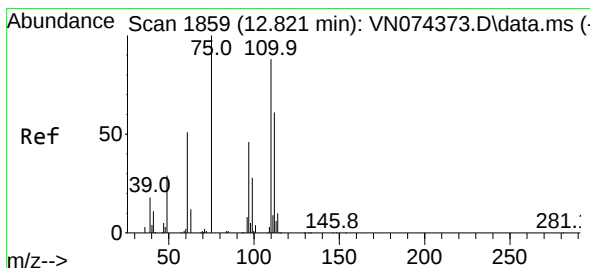
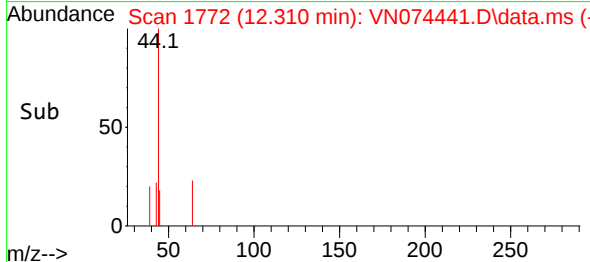
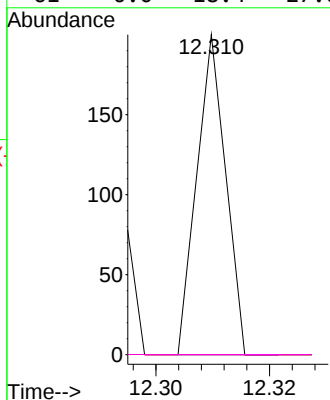
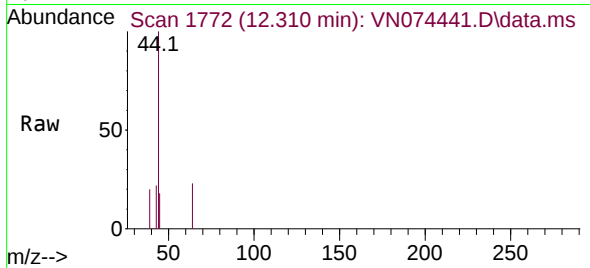




#74
N-amy1 acetate
Concen: Below Cal
RT: 12.310 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

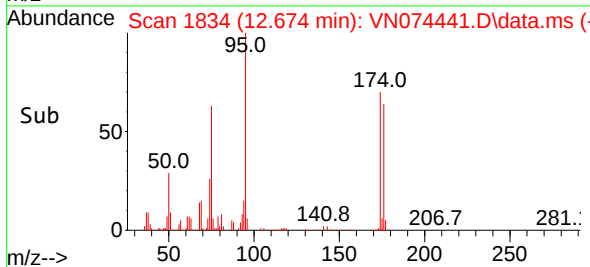
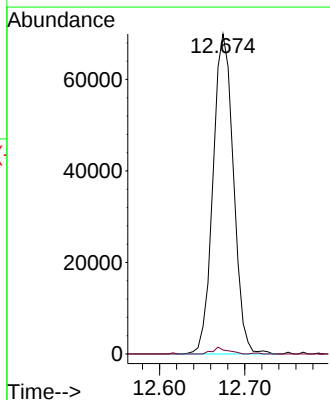
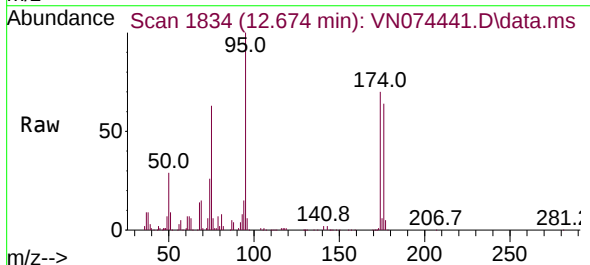
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122

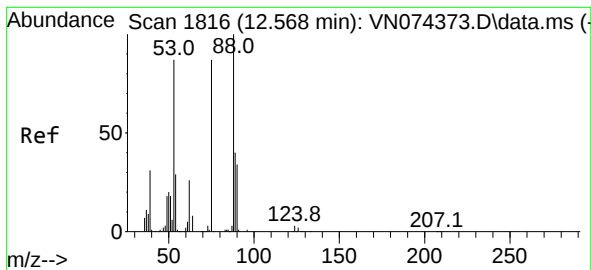
Tgt Ion: 43	Resp: 71
Ion Ratio	Lower Upper
43 100	
70 0.0	31.4 47.0#
55 0.0	17.0 25.6#
61 0.0	18.4 27.6#



#76
1,2,3-Trichloropropane
Concen: 26.764 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074441.D
Acq: 13 Sep 2022 18:31

Tgt Ion: 75	Resp: 116642
Ion Ratio	Lower Upper
75 100	
77 1.5	78.9 236.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.656 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN074441.D
 Acq: 13 Sep 2022 18:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-02-4-14-090122

Tgt Ion: 75 Resp: 116642
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.2 123.2#
 89 0.0 37.7 56.5#

