

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074610.D
 Acq On : 21 Sep 2022 13:48
 Operator : JC\MD
 Sample : N4645-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-09-14

Quant Time: Sep 22 06:57:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

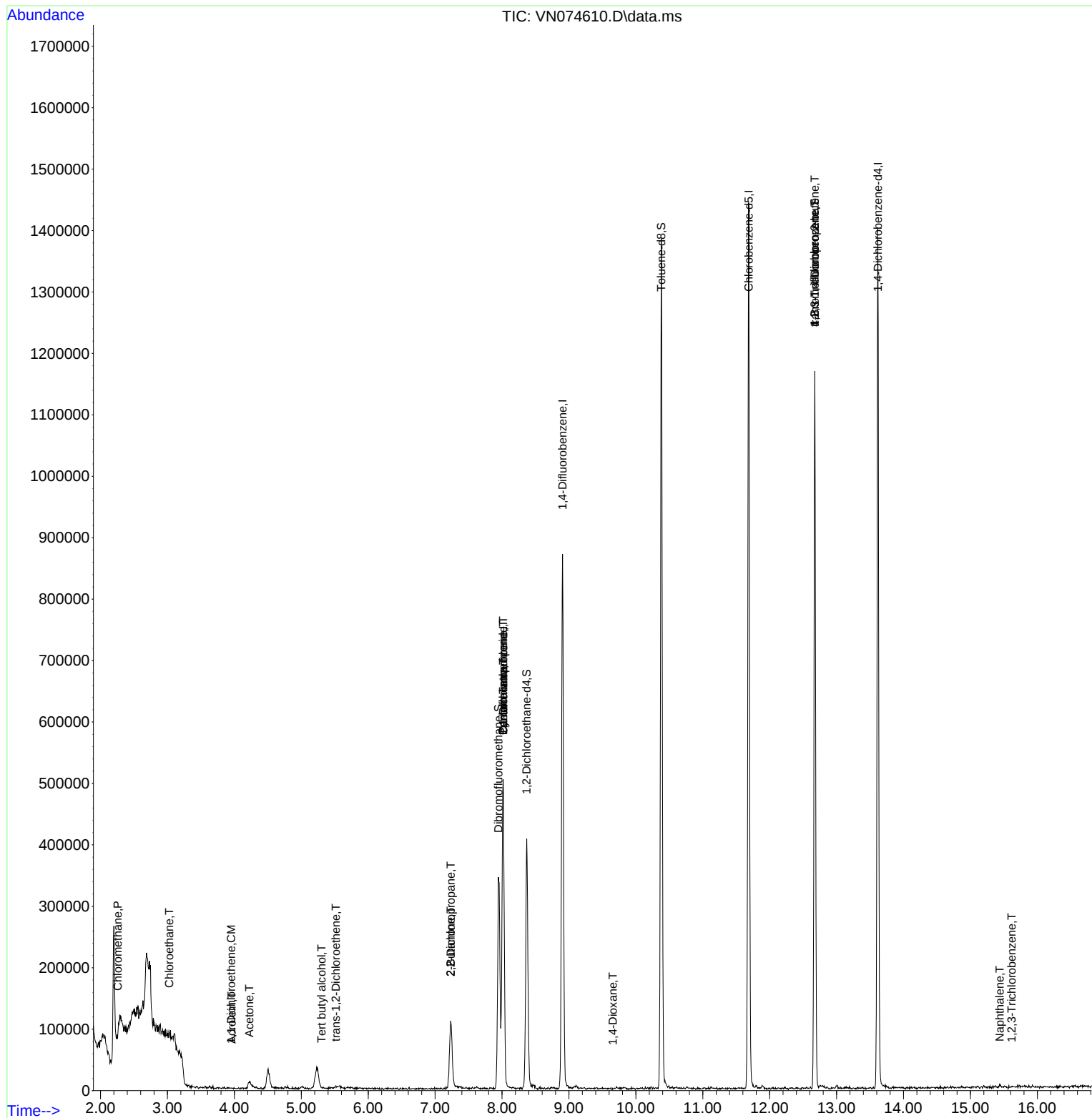
Internal Standards						
1) Pentafluorobenzene	8.016	168	359422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	700081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	714963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	322851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	293007	48.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.100%
35) Dibromofluoromethane	7.945	113	244801	52.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.280%
50) Toluene-d8	10.381	98	872904	48.534	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.674	95	339888	55.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.360%
Target Compounds						
					Qvalue	
3) Chloromethane	2.258	50	1897	0.545	ug/l	96
6) Chloroethane	3.028	64	6931	1.441	ug/l #	42
11) Tert butyl alcohol	5.304	59	1271	0.640	ug/l #	72
12) 1,1-Dichloroethene	3.952	96	149	0.716	ug/l #	1
13) Acrolein	3.957	56	435	0.600	ug/l	93
16) Acetone	4.222	43	20188	5.173	ug/l	100
21) trans-1,2-Dichloroethene	5.516	96	73	0.443	ug/l #	1
25) 2-Butanone	7.234	43	4093	0.632	ug/l	97
26) 2,2-Dichloropropane	7.234	77	7333	0.750	ug/l #	53
31) Cyclohexane	8.016	56	10980	1.014	ug/l #	32
36) 1,1-Dichloropropene	8.016	75	36728	4.462	ug/l #	48
38) Carbon Tetrachloride	8.016	117	36492	4.802	ug/l #	17
49) 1,4-Dioxane	9.657	88	80	0.471	ug/l #	2
76) 1,2,3-Trichloropropane	12.674	75	203778	20.506	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	203778	44.258	ug/l #	11
95) Naphthalene	15.439	128	2157	1.665	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.615	180	214	1.368	ug/l #	12

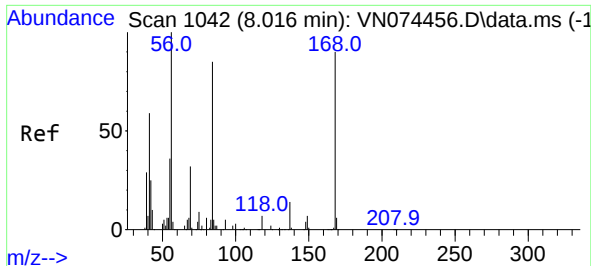
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
Data File : VN074610.D
Acq On : 21 Sep 2022 13:48
Operator : JC\MD
Sample : N4645-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

Quant Time: Sep 22 06:57:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

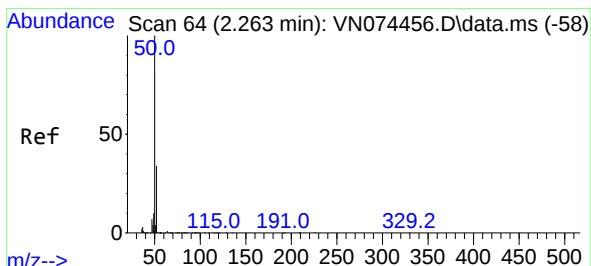
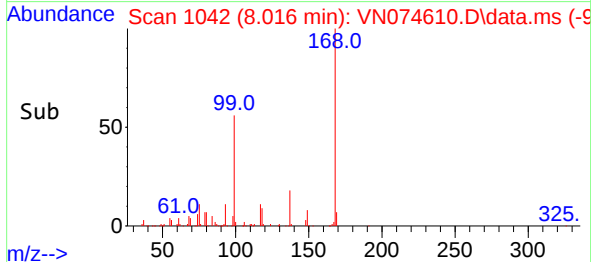
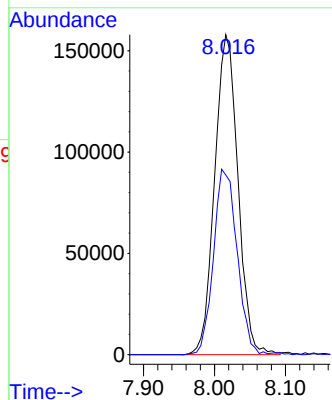
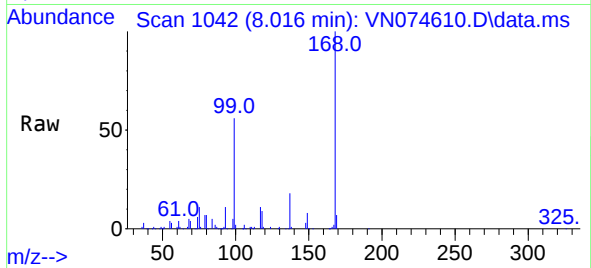




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

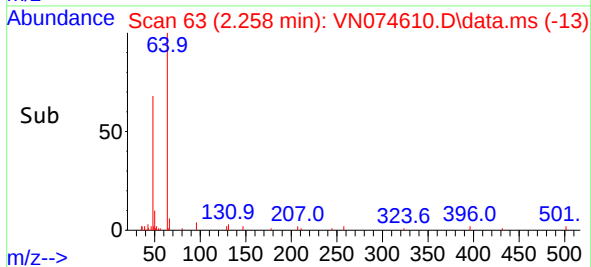
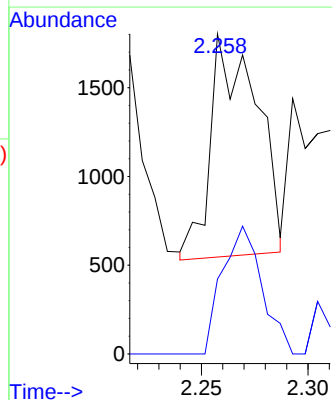
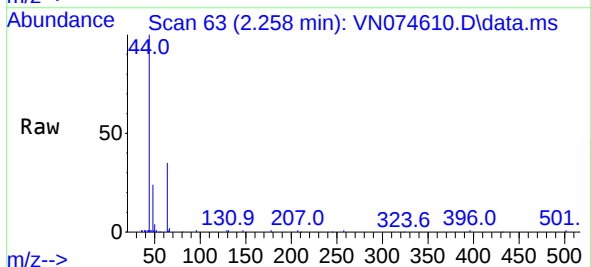
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

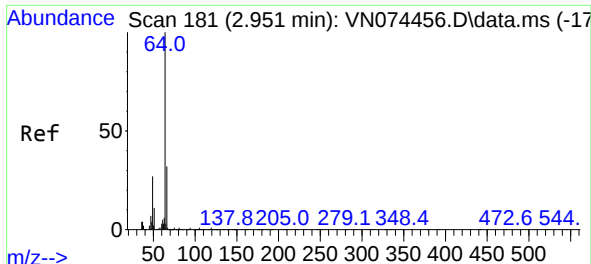
Tgt Ion:168 Resp: 359422
Ion Ratio Lower Upper
168 100
99 56.1 42.3 63.5



#3
Chloromethane
Concen: 0.545 ug/l
RT: 2.258 min Scan# 63
Delta R.T. -0.005 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Tgt Ion: 50 Resp: 1897
Ion Ratio Lower Upper
50 100
52 34.3 25.7 38.5

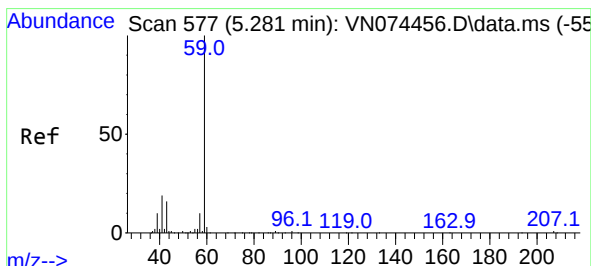
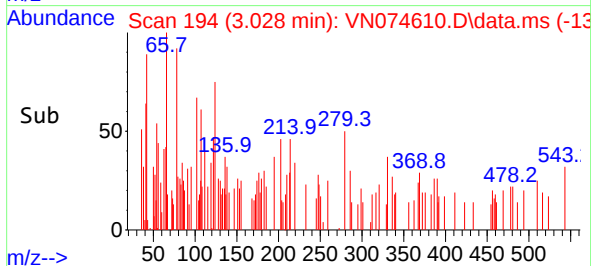
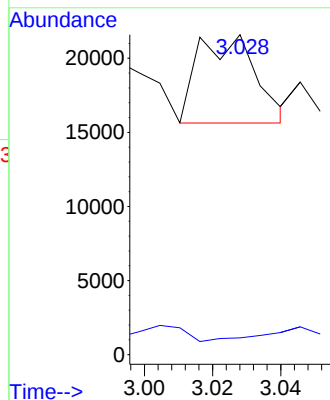
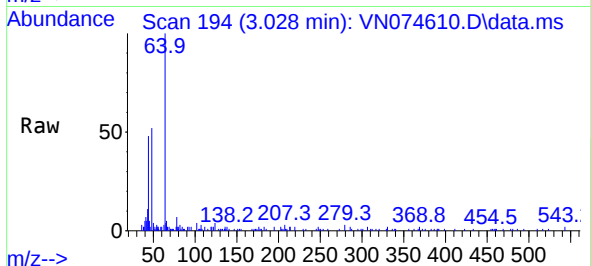




#6
Chloroethane
Concen: 1.441 ug/l
RT: 3.028 min Scan# 11
Delta R.T. 0.077 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

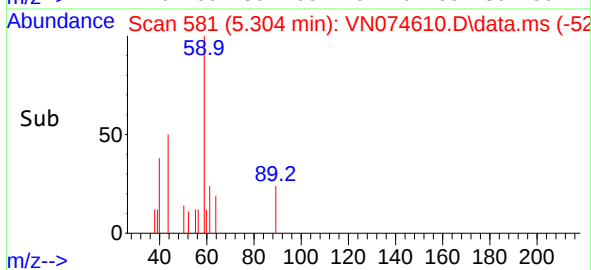
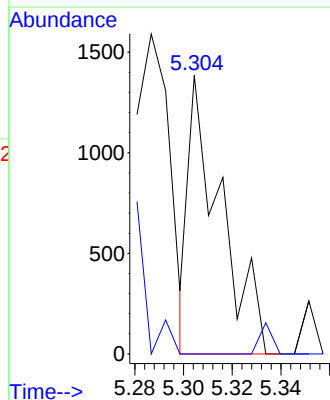
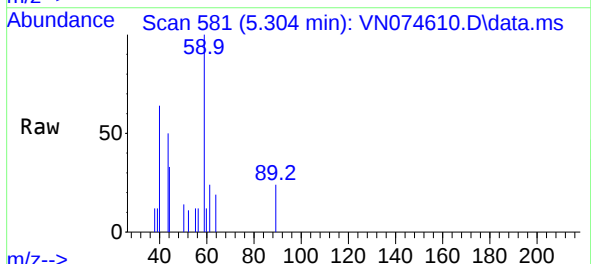
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

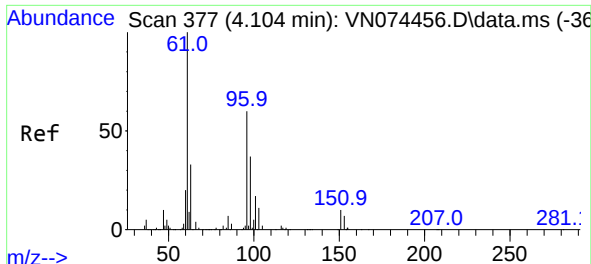
Tgt Ion: 64 Resp: 6931
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.640 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.023 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Tgt Ion: 59 Resp: 1271
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

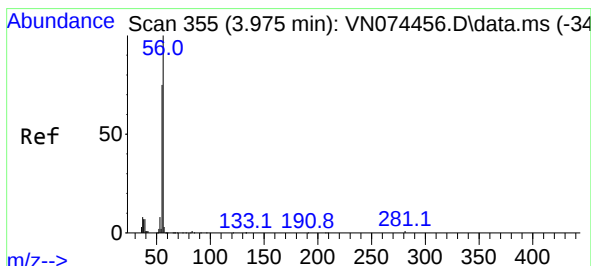
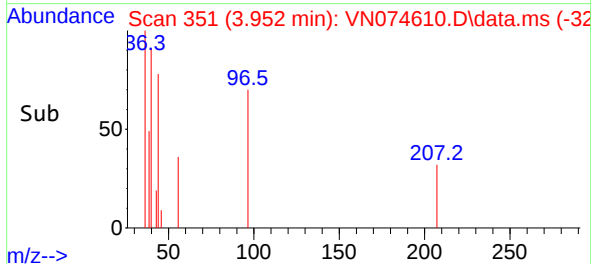
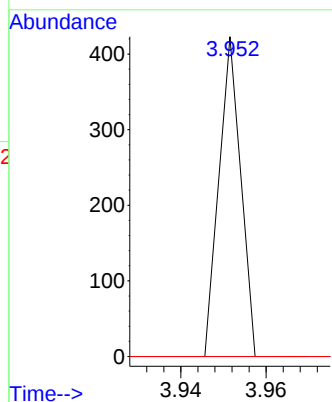
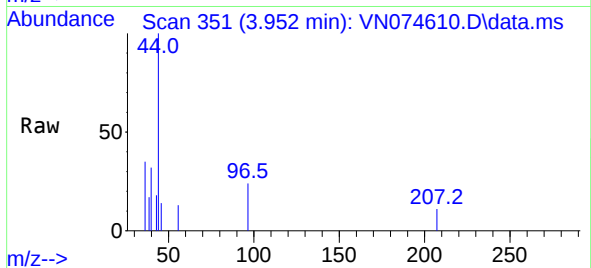




#12
1,1-Dichloroethene
Concen: 0.716 ug/l
RT: 3.952 min Scan# 31
Delta R.T. -0.152 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

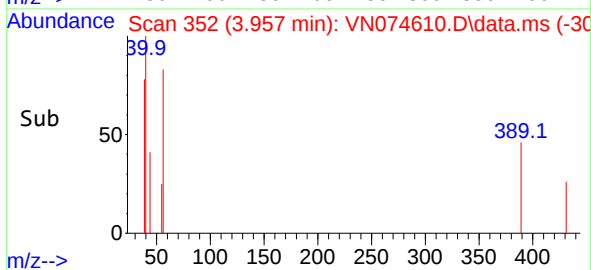
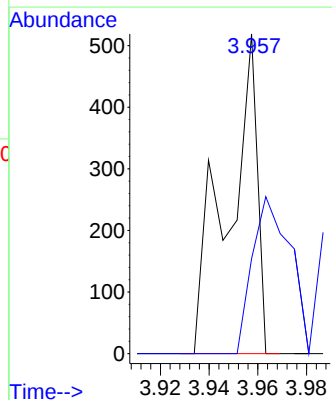
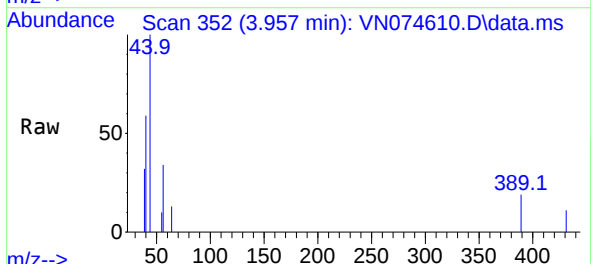
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

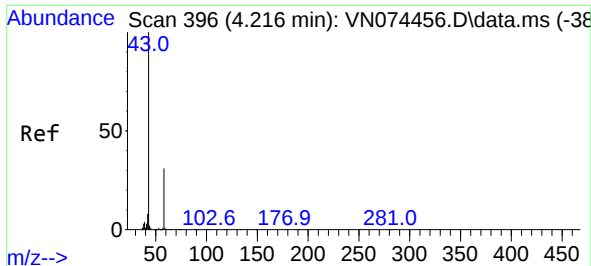
Tgt Ion: 96 Resp: 149
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.600 ug/l
RT: 3.957 min Scan# 352
Delta R.T. -0.018 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Tgt Ion: 56 Resp: 435
Ion Ratio Lower Upper
56 100
55 62.8 54.8 82.2

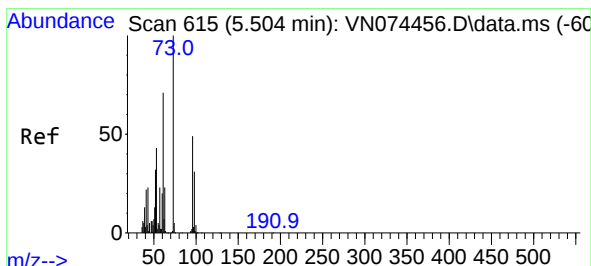
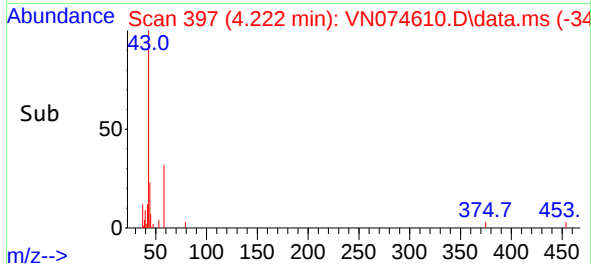
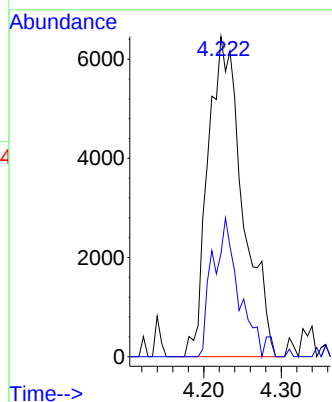
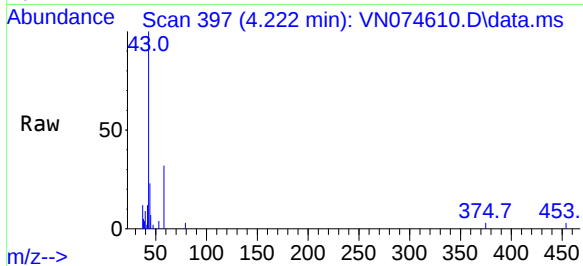




#16
Acetone
Concen: 5.173 ug/l
RT: 4.222 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

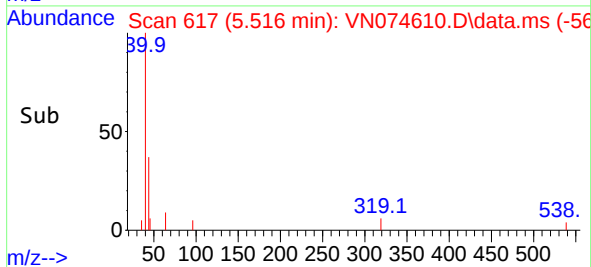
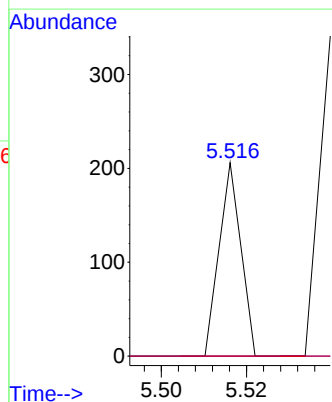
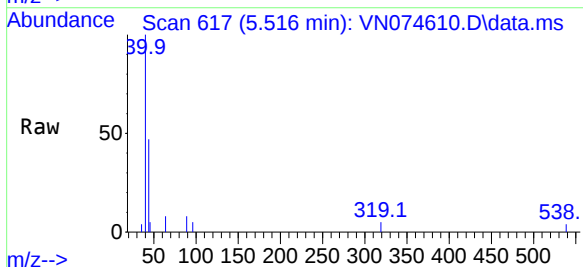
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

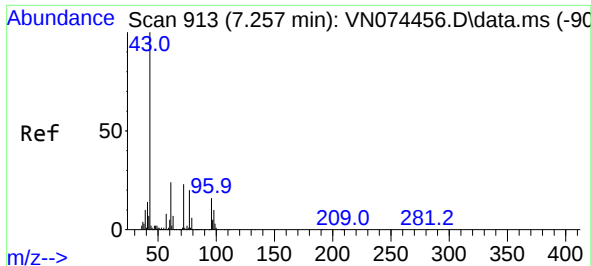
Tgt Ion: 43 Resp: 20188
Ion Ratio Lower Upper
43 100
58 32.2 26.0 39.0



#21
trans-1,2-Dichloroethene
Concen: 0.443 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.012 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Tgt Ion: 96 Resp: 73
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#





#25

2-Butanone

Concen: 0.632 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.023 min

Lab File: VN074610.D

Acq: 21 Sep 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

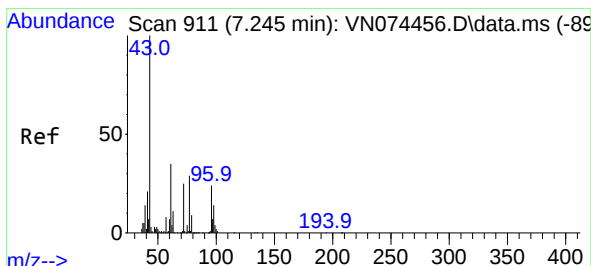
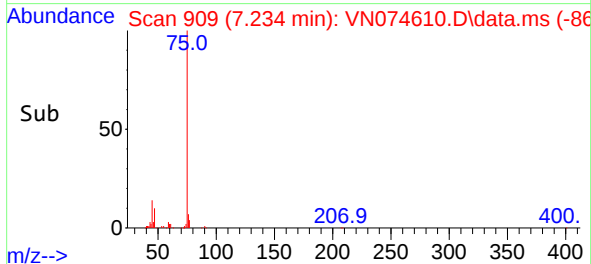
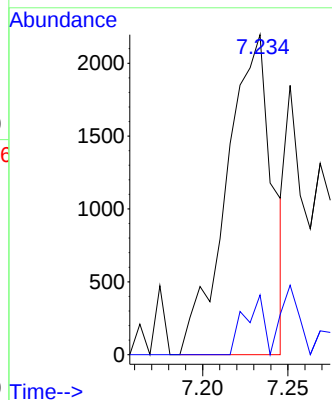
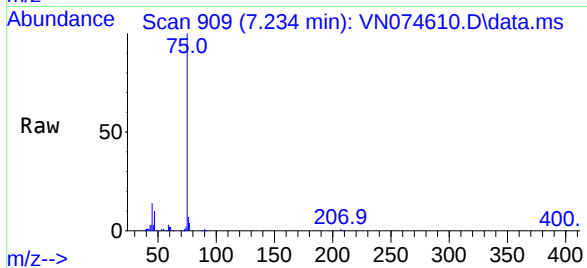
EB-2022-09-14

Tgt Ion: 43 Resp: 4093

Ion Ratio Lower Upper

43 100

72 31.3 23.7 35.5



#26

2,2-Dichloropropane

Concen: 0.750 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.011 min

Lab File: VN074610.D

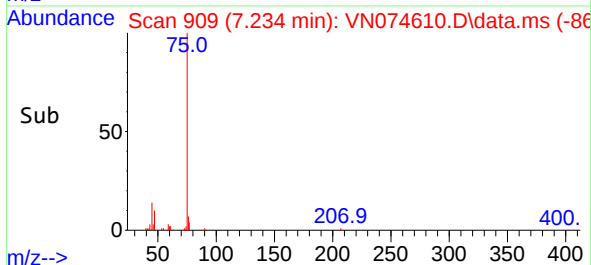
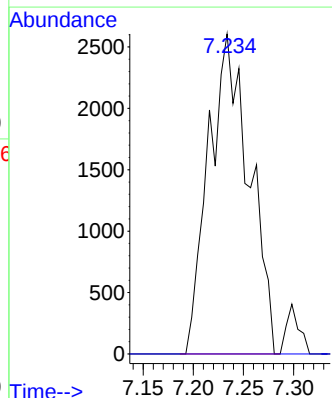
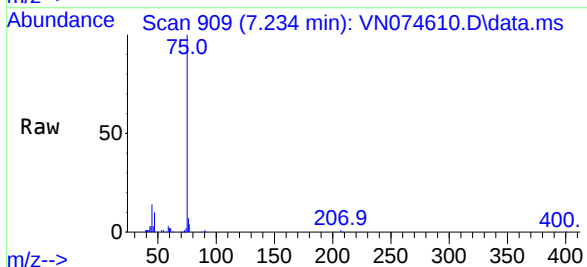
Acq: 21 Sep 2022 13:48

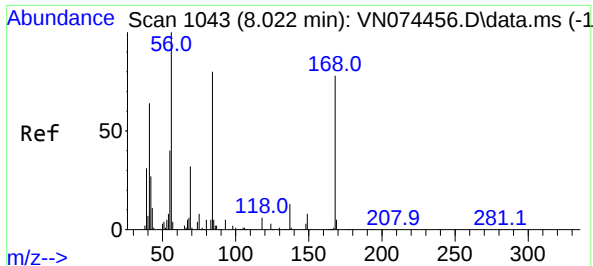
Tgt Ion: 77 Resp: 7333

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

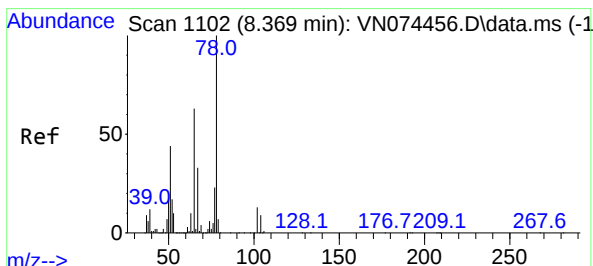
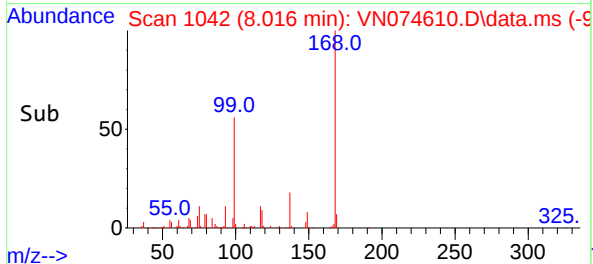
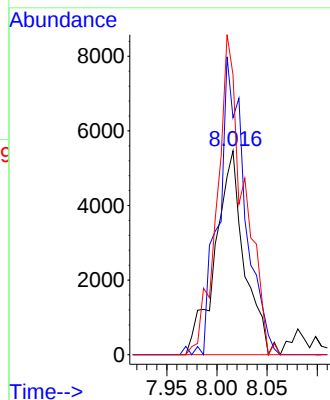
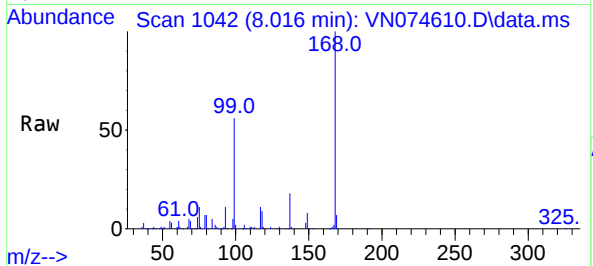




#31
Cyclohexane
Concen: 1.014 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

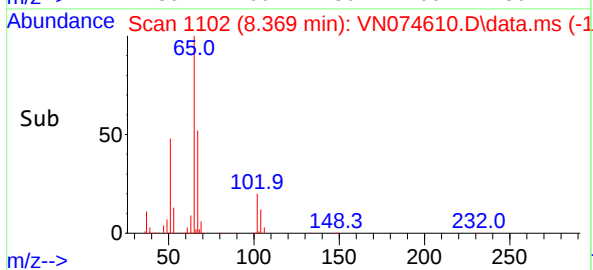
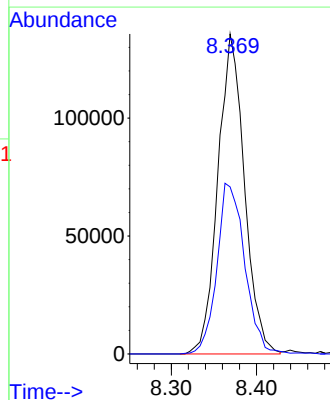
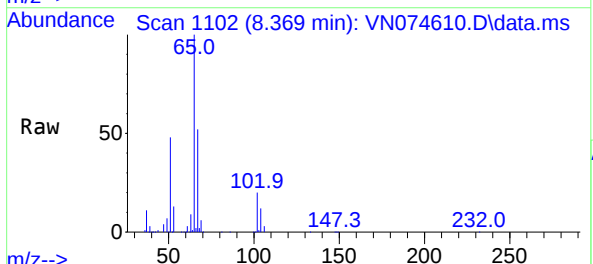
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

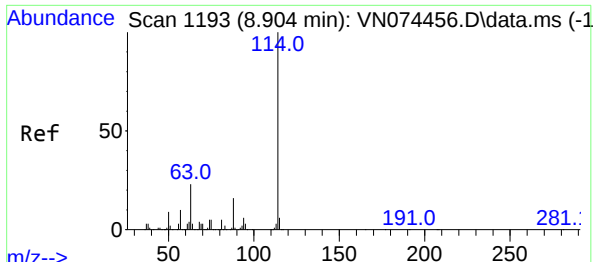
Tgt Ion: 56 Resp: 10980
Ion Ratio Lower Upper
56 100
69 116.2 27.8 41.8#
84 137.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.046 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Tgt Ion: 65 Resp: 293007
Ion Ratio Lower Upper
65 100
67 56.0 0.0 104.8



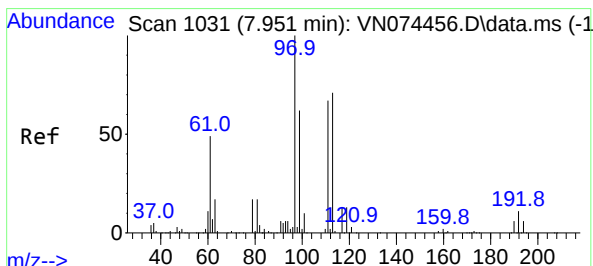
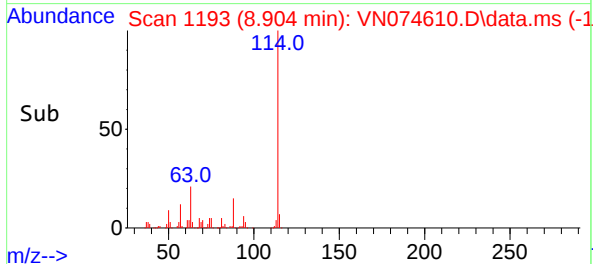
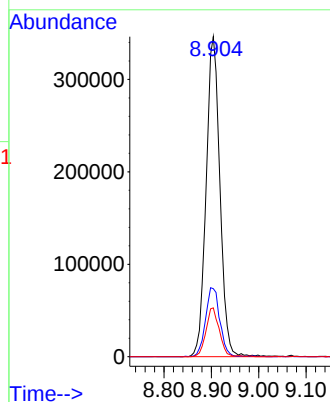
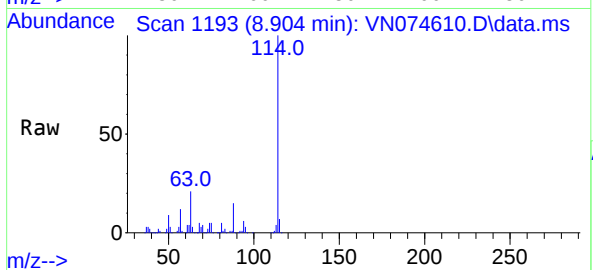


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

Tgt Ion:114 Resp: 700081

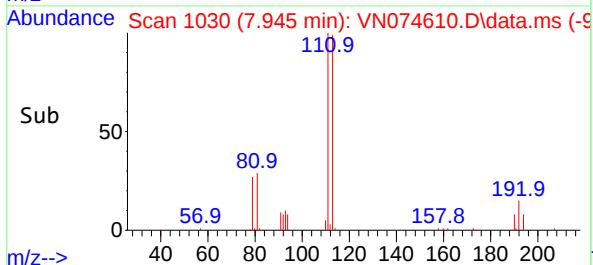
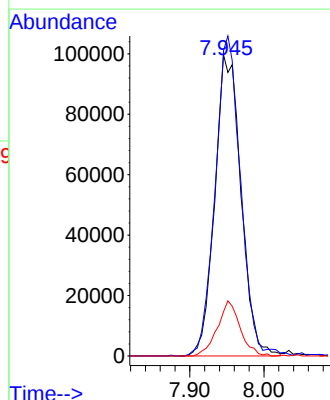
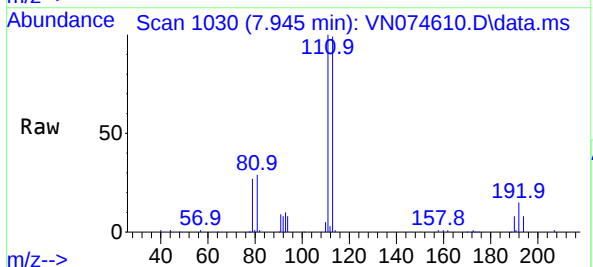
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.0
88	15.2	0.0	32.6

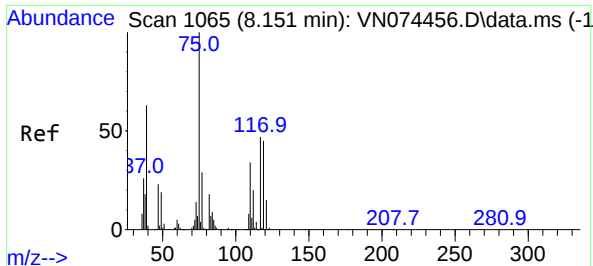


#35
Dibromofluoromethane
Concen: 52.640 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Tgt Ion:113 Resp: 244801

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	15.9	17.0	25.6





#36

1,1-Dichloropropene

Concen: 4.462 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074610.D

Acq: 21 Sep 2022 13:48

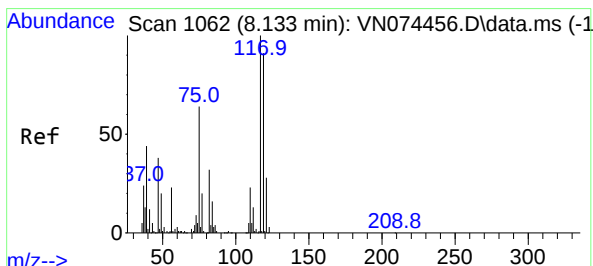
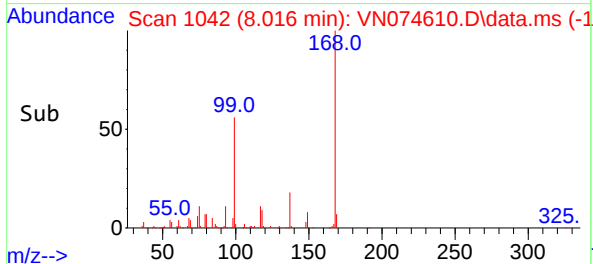
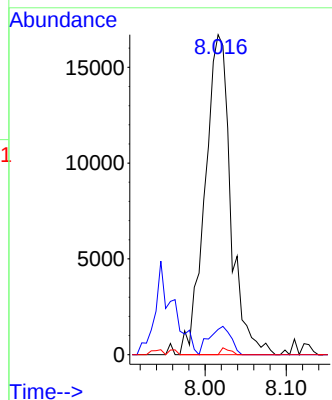
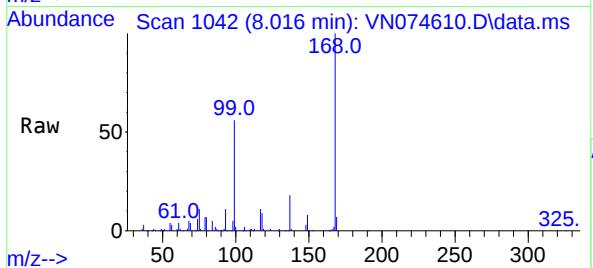
Instrument :

MSVOA_N

ClientSampleId :

EB-2022-09-14

Tgt Ion:	75	Resp:	36728
Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.3	54.8#
77	0.7	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 4.802 ug/l

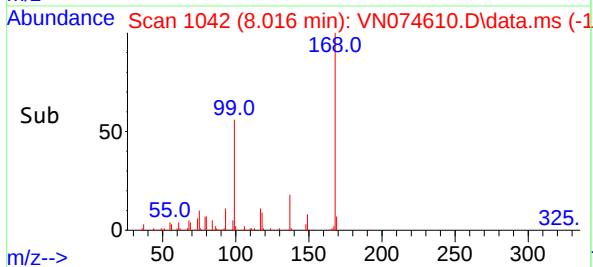
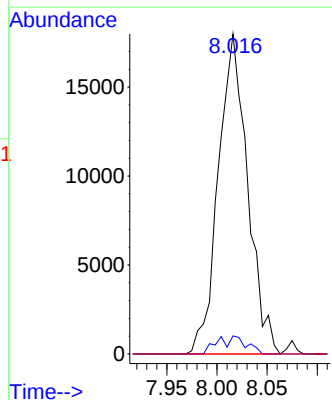
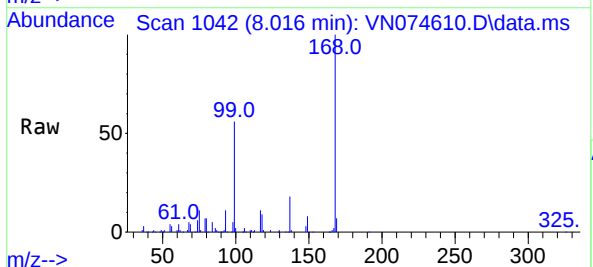
RT: 8.016 min Scan# 1042

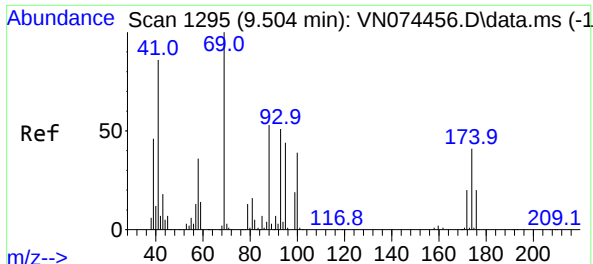
Delta R.T. -0.117 min

Lab File: VN074610.D

Acq: 21 Sep 2022 13:48

Tgt Ion:	117	Resp:	36492
Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.8	113.8#
121	0.0	24.6	37.0#

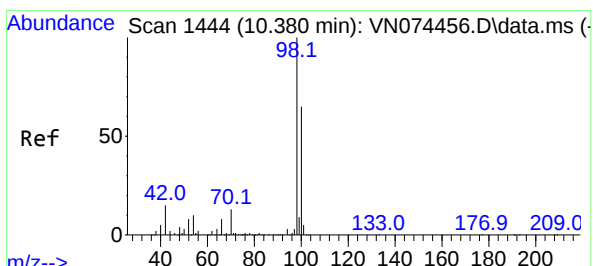
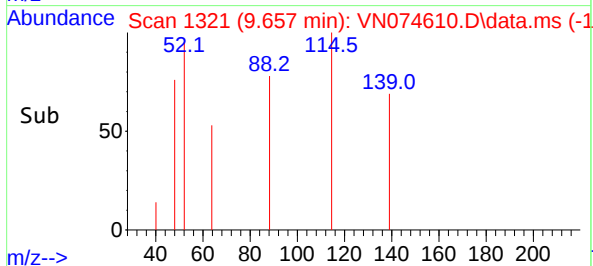
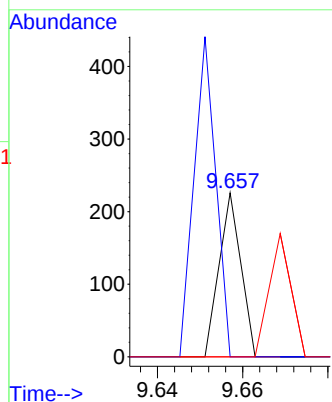
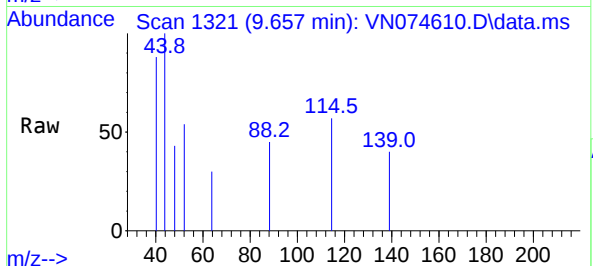




#49
1,4-Dioxane
Concen: 0.471 ug/l
RT: 9.657 min Scan# 11
Delta R.T. 0.153 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

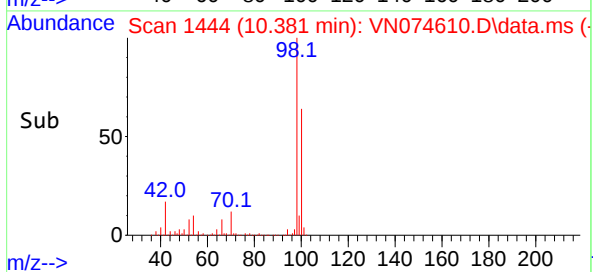
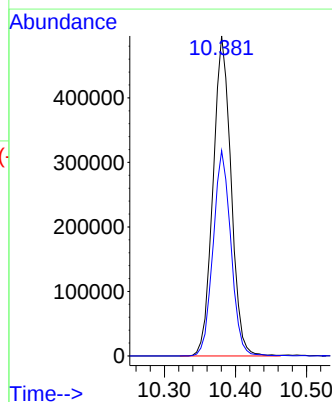
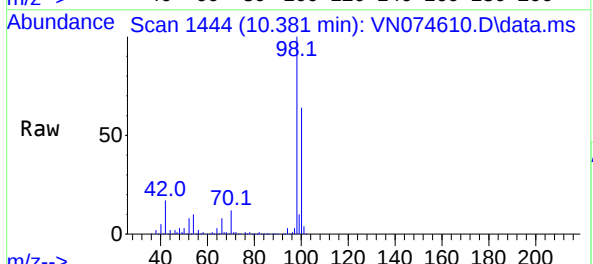
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

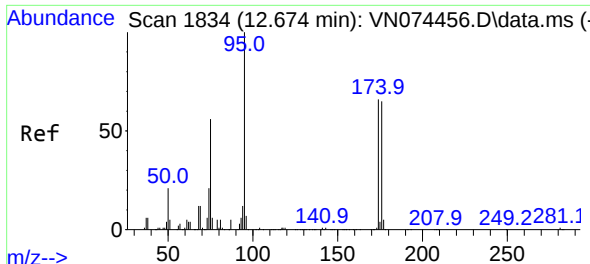
Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
43 195.0 20.2 30.4#
58 75.0 54.2 81.4



#50
Toluene-d8
Concen: 48.534 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Tgt Ion: 98 Resp: 872904
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8

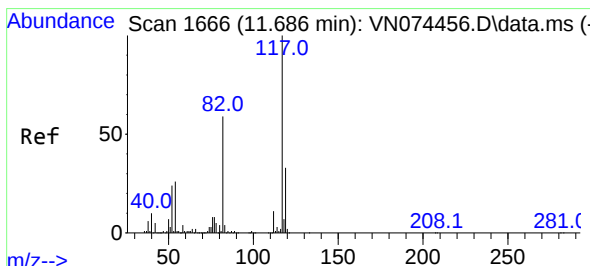
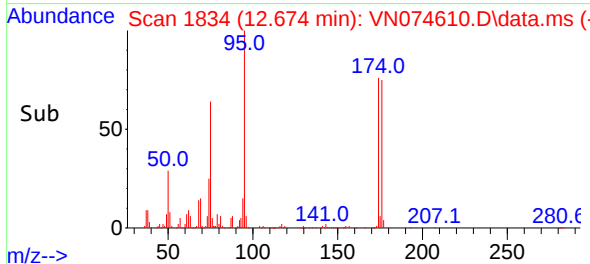
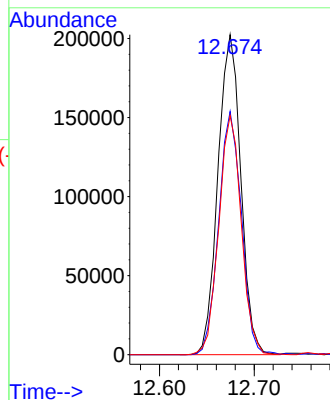
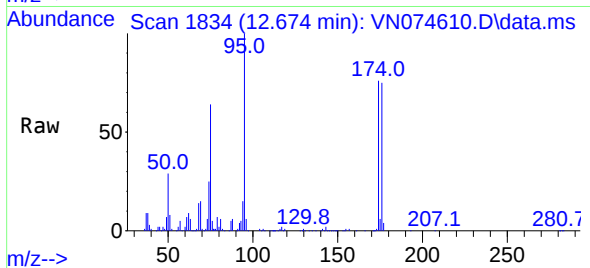




#62
4-Bromofluorobenzene
Concen: 55.178 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

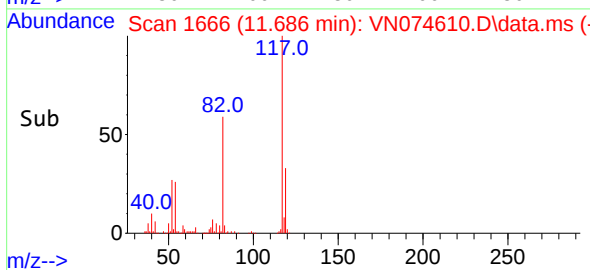
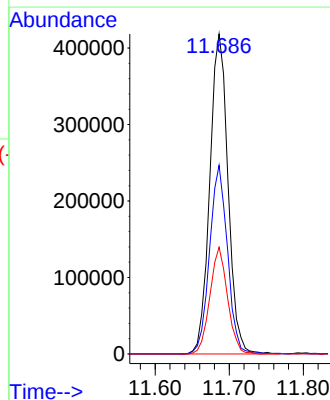
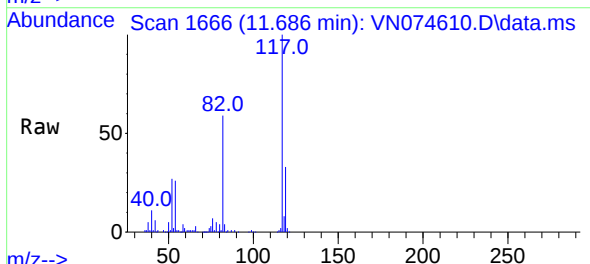
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

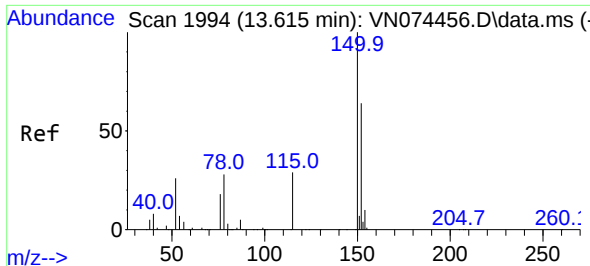
Tgt Ion: 95 Resp: 339888
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 73.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

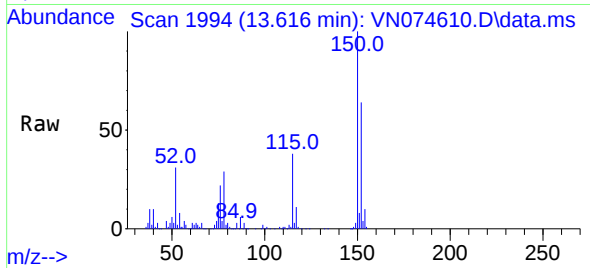
Tgt Ion: 117 Resp: 714963
Ion Ratio Lower Upper
117 100
82 58.9 44.2 66.2
119 33.3 25.4 38.0



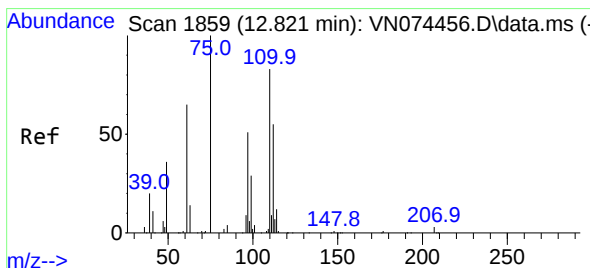
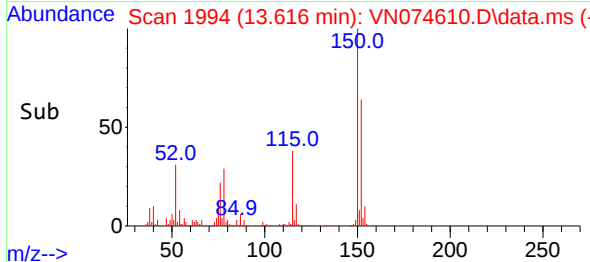
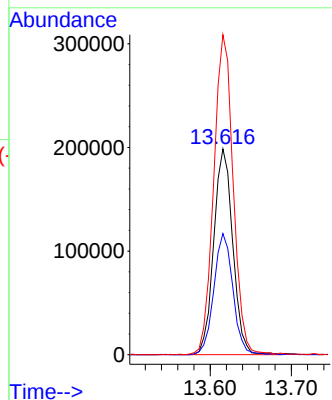


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

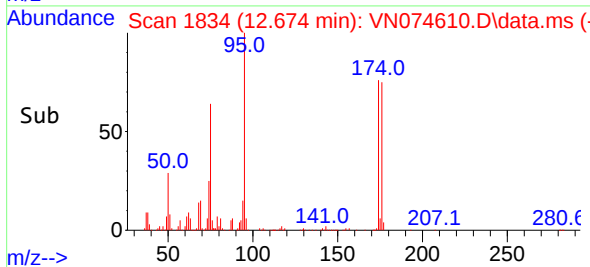
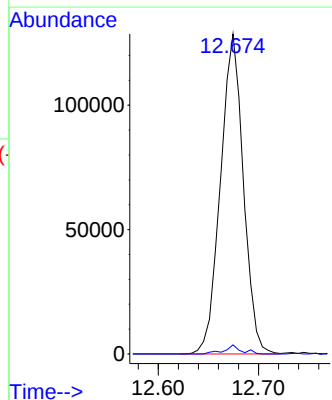
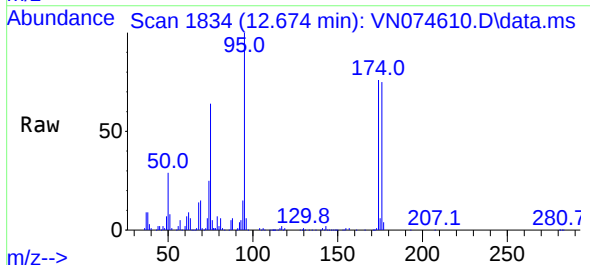


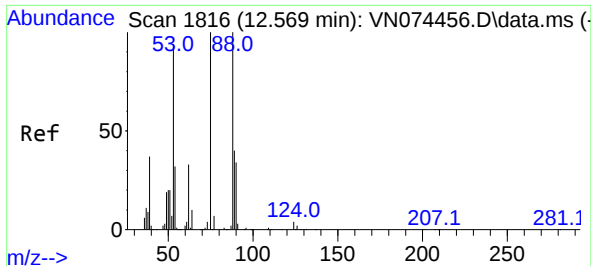
Tgt Ion:152 Resp: 322851
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 159.5 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 20.506 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

Tgt Ion: 75 Resp: 203778
Ion Ratio Lower Upper
75 100
77 2.1 98.5 295.5#

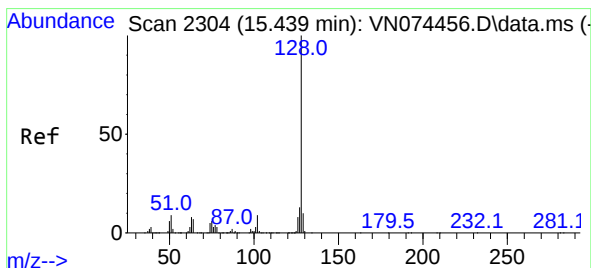
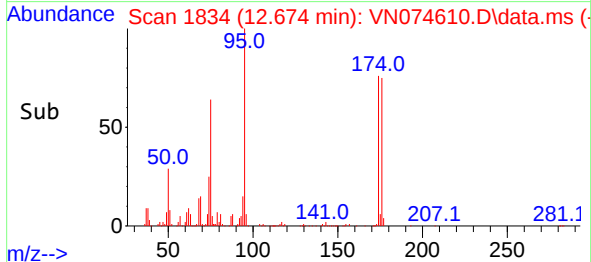
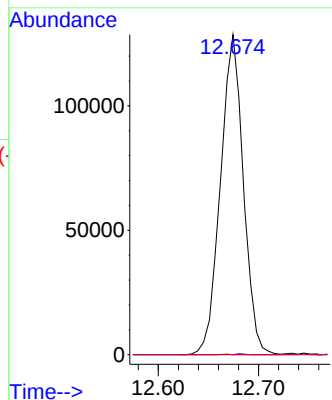
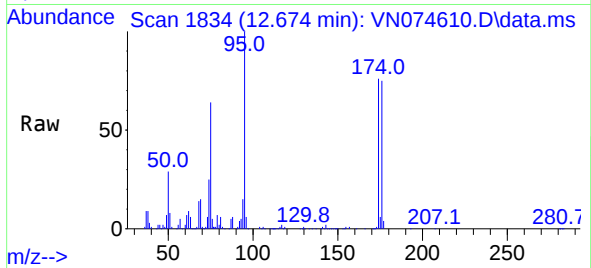




#81
trans-1,4-Dichloro-2-butene
Concen: 44.258 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

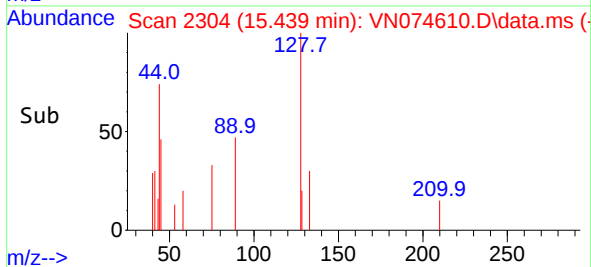
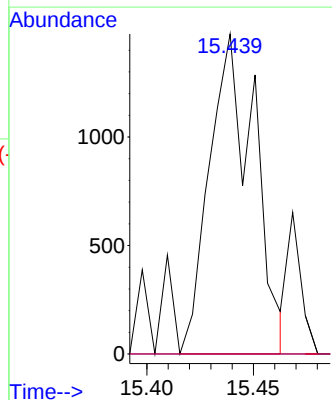
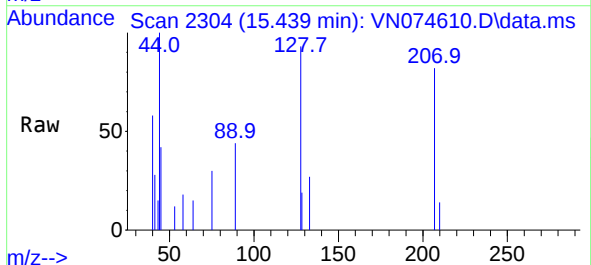
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-09-14

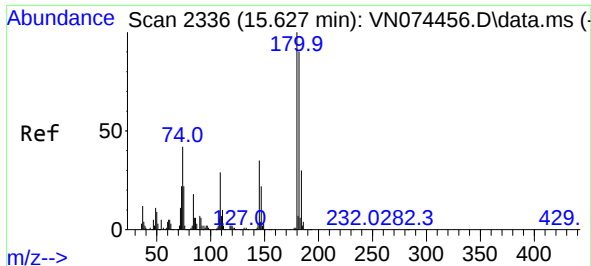
Tgt Ion: 75 Resp: 203778
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.665 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074610.D
Acq: 21 Sep 2022 13:48

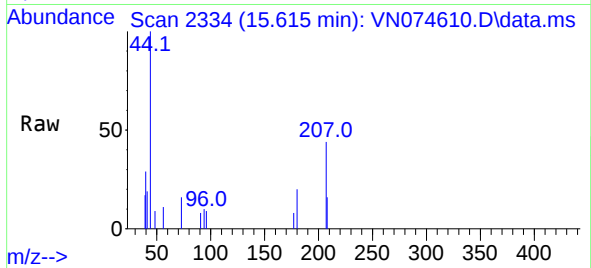
Tgt Ion:128 Resp: 2157
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.368 ug/l
 RT: 15.615 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN074610.D
 Acq: 21 Sep 2022 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-09-14



Tgt Ion:180 Resp: 214
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 0.0 15.5 46.5#

