

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074461.D
 Acq On : 15 Sep 2022 14:47
 Operator : JC\MD
 Sample : VN0915WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBL01

Quant Time: Sep 15 19:22:26 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)

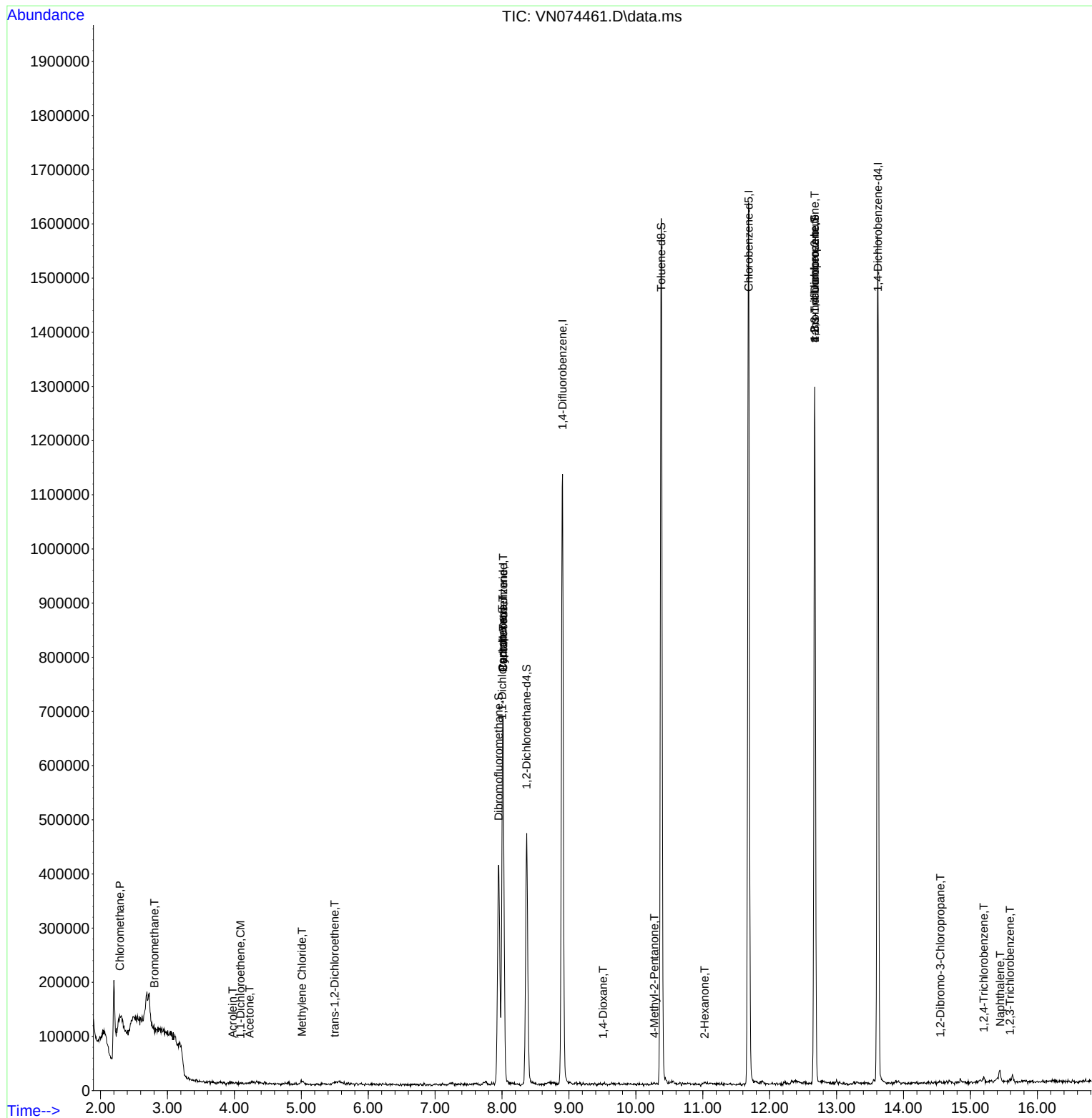
Internal Standards						
1) Pentafluorobenzene	8.016	168	494660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	941593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	891392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	377690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	354537	42.242	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.480%		
35) Dibromofluoromethane	7.951	113	291698	46.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.280%		
50) Toluene-d8	10.381	98	1075726	44.470	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.940%		
62) 4-Bromofluorobenzene	12.675	95	414938	50.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.160%		
Target Compounds						Qvalue
3) Chloromethane	2.287	50	5502	0.863	ug/l #	46
5) Bromomethane	2.805	94	1063	0.208	ug/l #	2
12) 1,1-Dichloroethene	4.093	96	936	0.826	ug/l #	1
13) Acrolein	3.975	56	504	0.505	ug/l #	79
16) Acetone	4.228	43	2563	0.477	ug/l #	68
20) Methylene Chloride	5.010	84	3038	0.401	ug/l #	84
21) trans-1,2-Dichloroethene	5.498	96	312	0.472	ug/l #	8
31) Cyclohexane	8.010	56	14901	1.000	ug/l #	46
36) 1,1-Dichloropropene	8.004	75	47263	4.269	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53951	5.278	ug/l #	15
49) 1,4-Dioxane	9.510	88	261	1.143	ug/l #	1
51) 4-Methyl-2-Pentanone	10.275	43	3935	0.225	ug/l #	70
59) 2-Hexanone	11.028	43	4973	0.372	ug/l	100
76) 1,2,3-Trichloropropane	12.675	75	243146	20.915	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	243146	45.141	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.551	75	990	0.289	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.198	180	2950	0.393	ug/l #	83
95) Naphthalene	15.445	128	20924	2.216	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.592	180	1338	1.504	ug/l	70

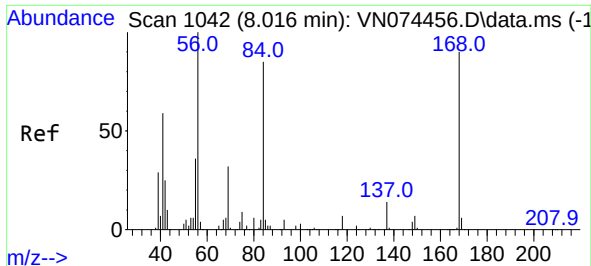
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

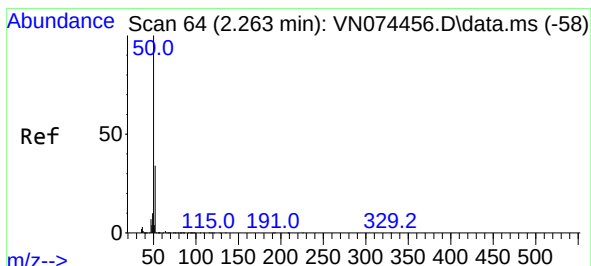
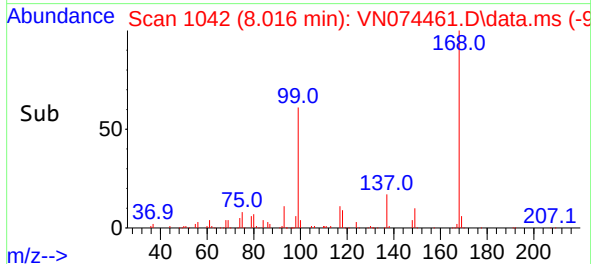
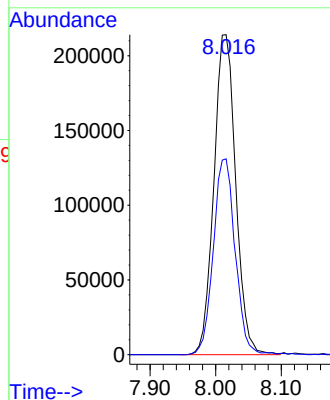
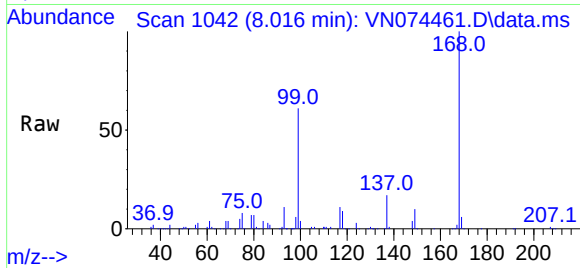




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

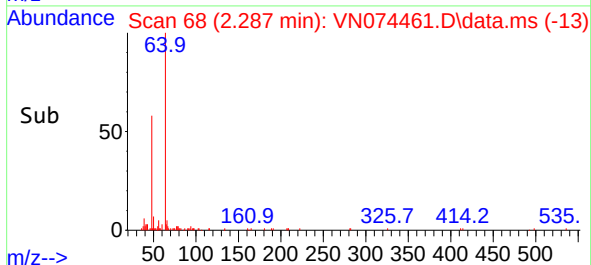
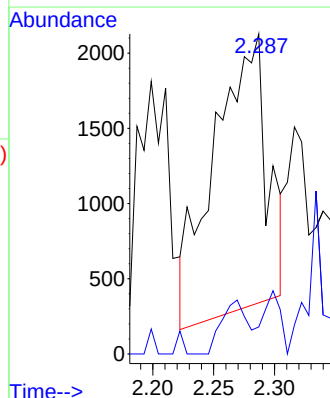
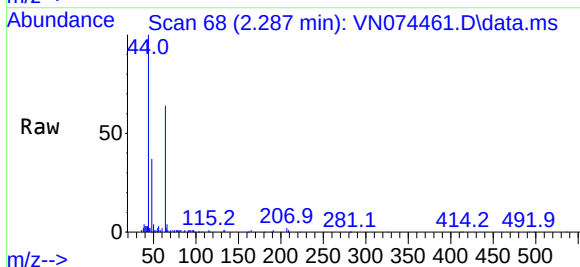
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

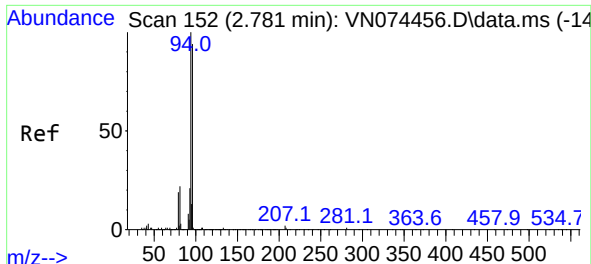
Tgt Ion:168 Resp: 494660
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#3
Chloromethane
Concen: 0.863 ug/l
RT: 2.287 min Scan# 68
Delta R.T. 0.024 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 50 Resp: 5502
Ion Ratio Lower Upper
50 100
52 1.8 25.7 38.5#

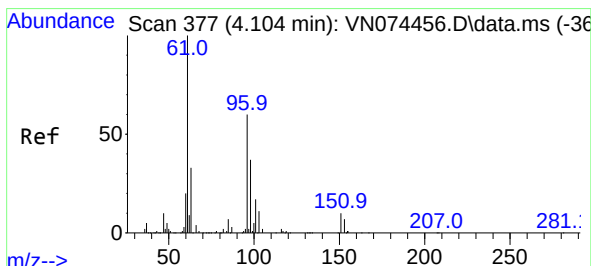
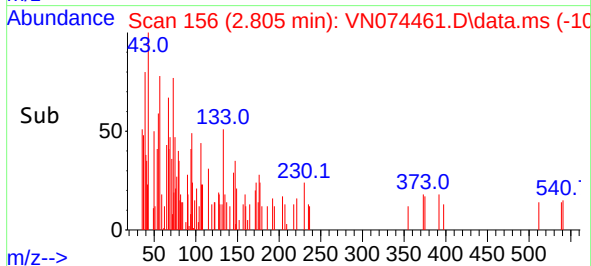
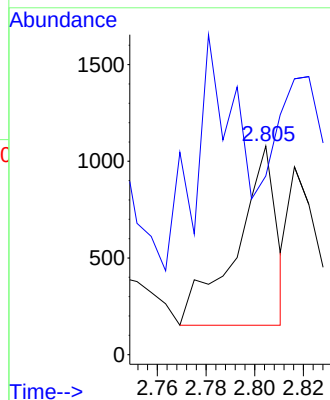
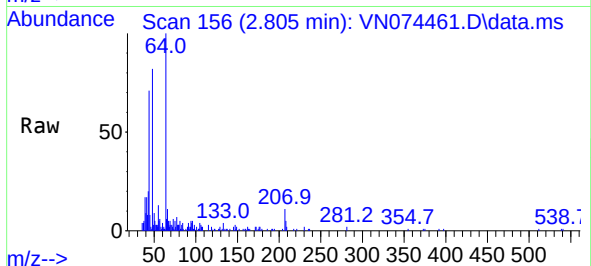




#5
Bromomethane
Concen: 0.208 ug/l
RT: 2.805 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

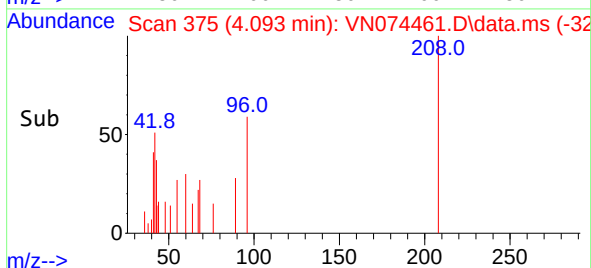
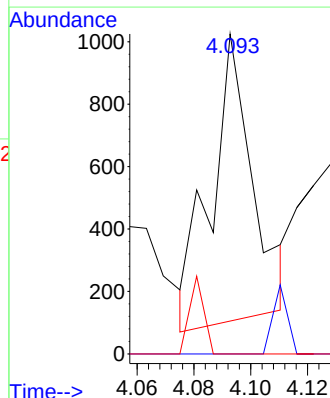
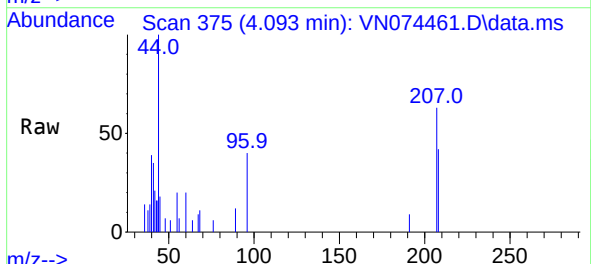
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

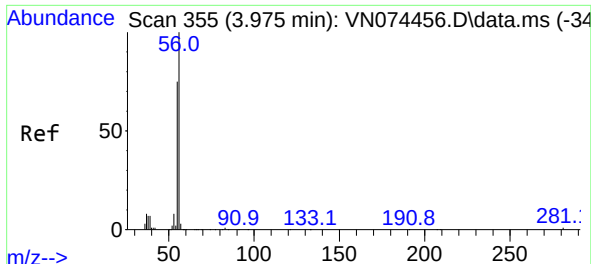
Tgt Ion: 94 Resp: 1063
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#12
1,1-Dichloroethene
Concen: 0.826 ug/l
RT: 4.093 min Scan# 375
Delta R.T. -0.011 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 96 Resp: 936
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

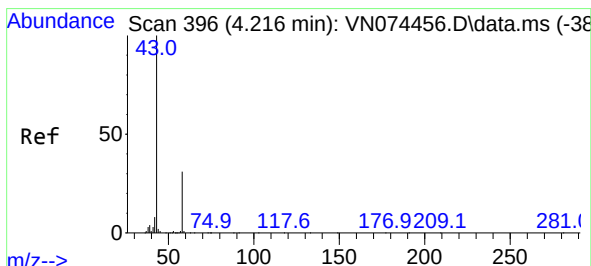
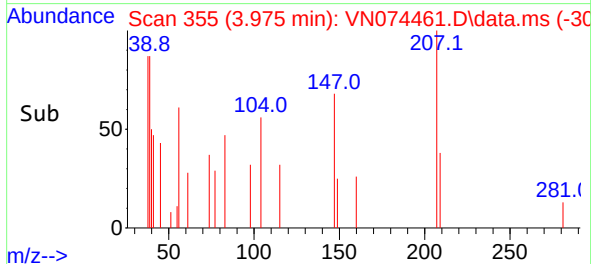
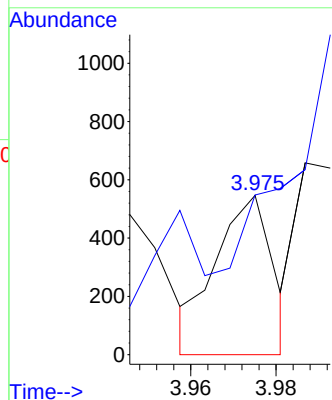
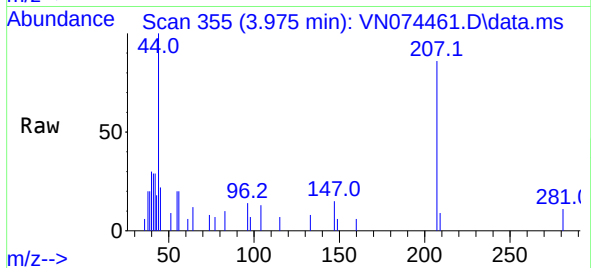




#13
Acrolein
Concen: 0.505 ug/l
RT: 3.975 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

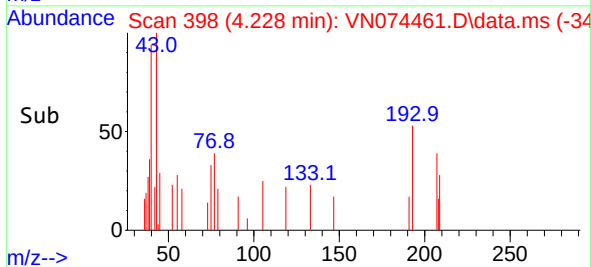
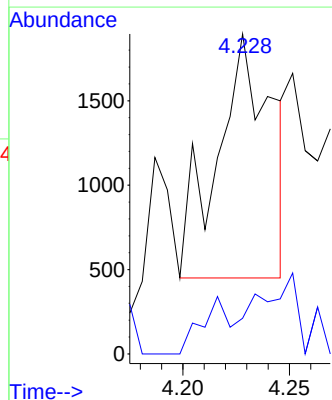
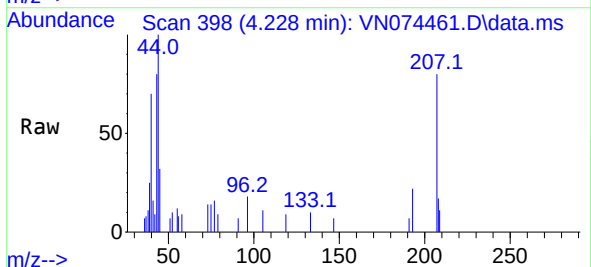
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

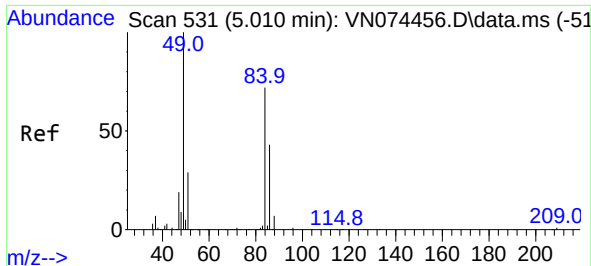
Tgt Ion: 56 Resp: 504
Ion Ratio Lower Upper
56 100
55 51.6 54.8 82.2#



#16
Acetone
Concen: 0.477 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
58 14.6 26.0 39.0#



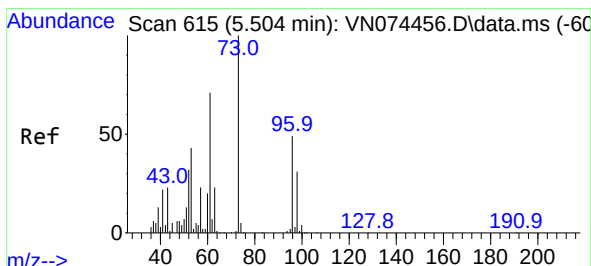
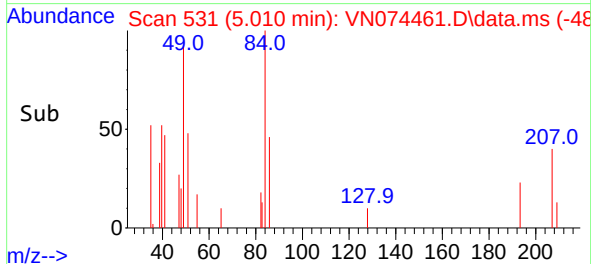
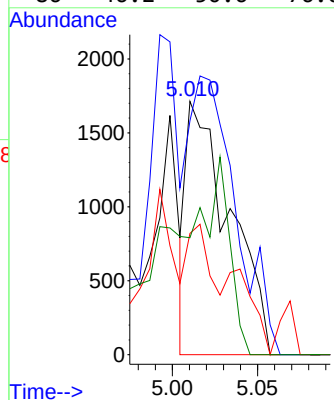
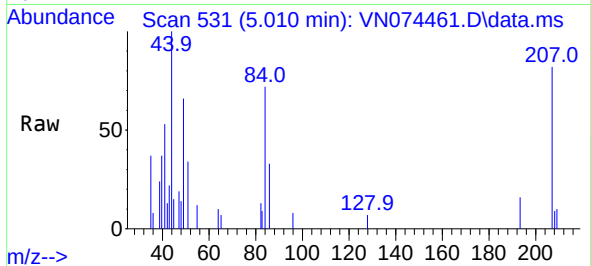


#20
Methylene Chloride
Concen: 0.401 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Tgt Ion: 84 Resp: 3038

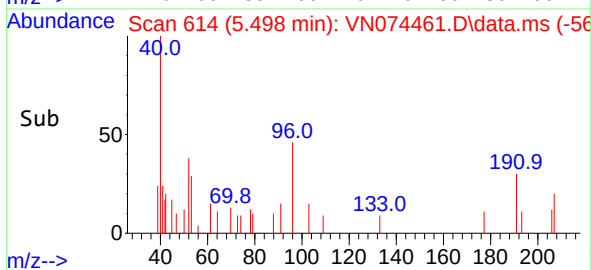
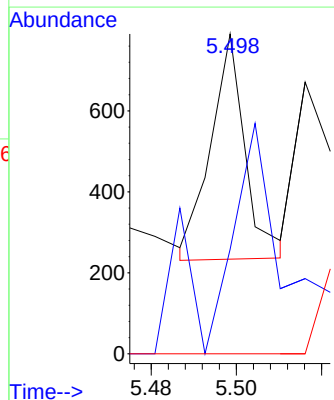
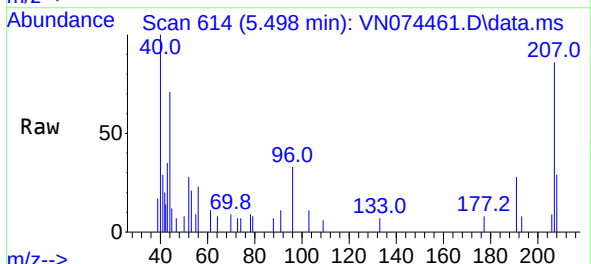
Ion	Ratio	Lower	Upper
84	100		
49	92.4	88.3	132.5
51	34.6	28.2	42.2
86	46.2	50.6	76.0

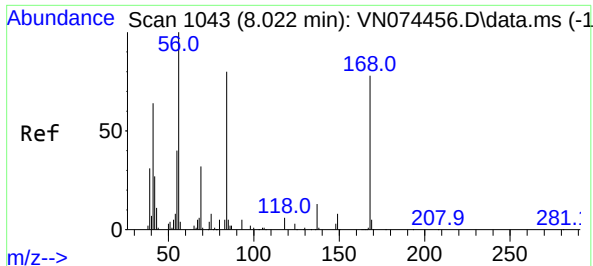


#21
trans-1,2-Dichloroethene
Concen: 0.472 ug/l
RT: 5.498 min Scan# 614
Delta R.T. -0.005 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 96 Resp: 312

Ion	Ratio	Lower	Upper
96	100		
61	18.4	105.8	158.8
98	0.0	50.3	75.5

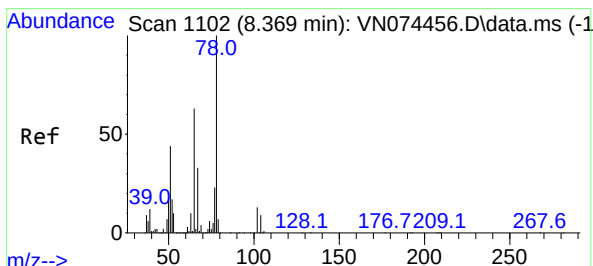
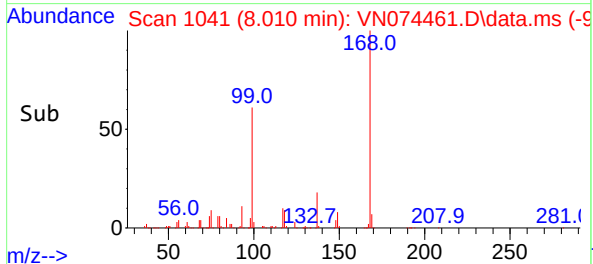
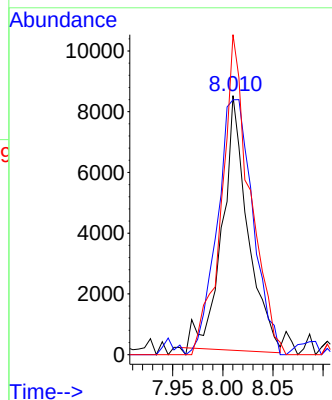
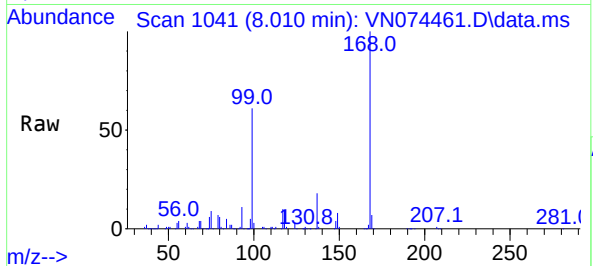




#31
Cyclohexane
Concen: 1.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

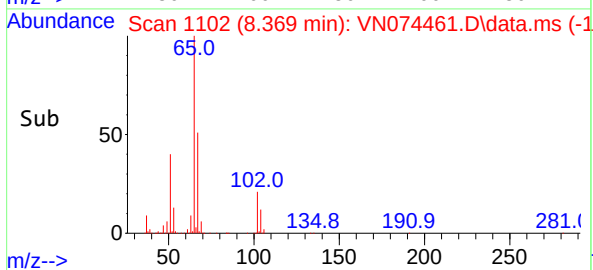
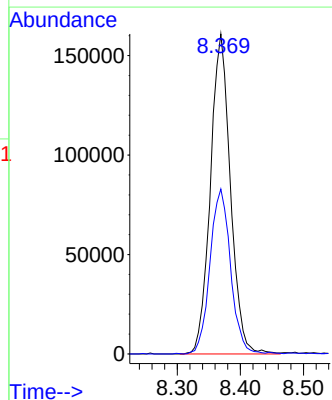
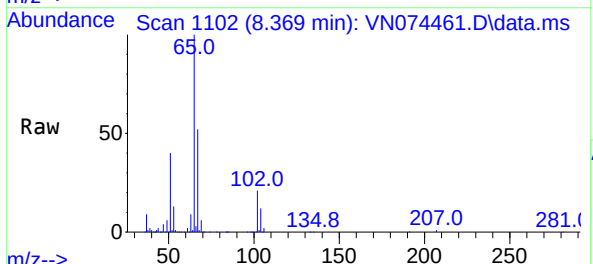
Instrument :
MSVOA_N
ClientSampleId :
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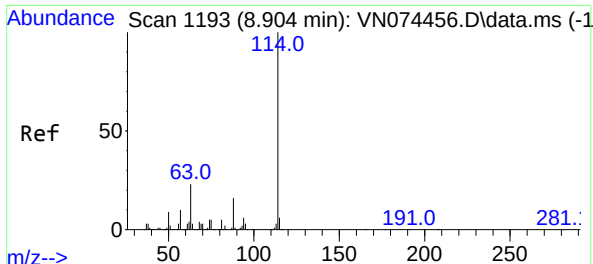
Tgt Ion: 56 Resp: 14901
Ion Ratio Lower Upper
56 100
69 101.2 27.8 41.8#
84 127.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 42.242 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 65 Resp: 354537
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

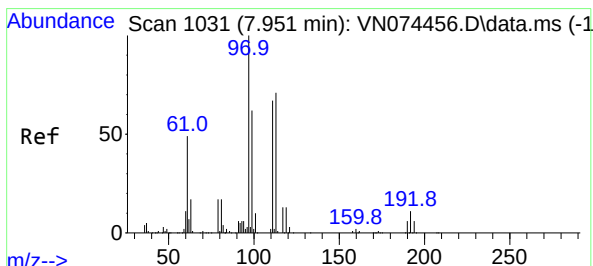
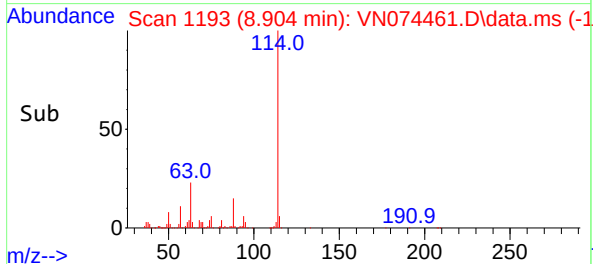
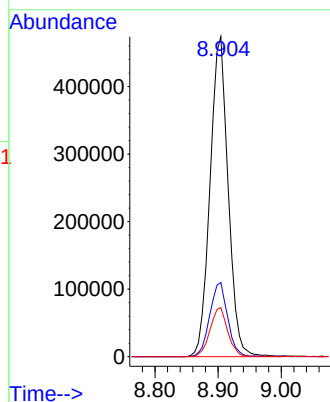
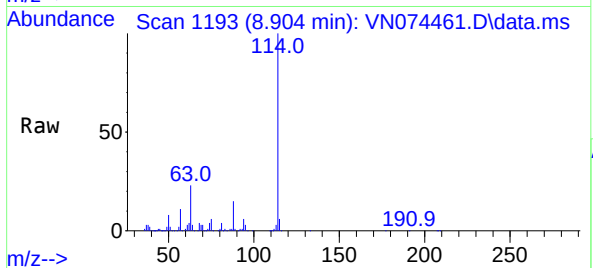




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

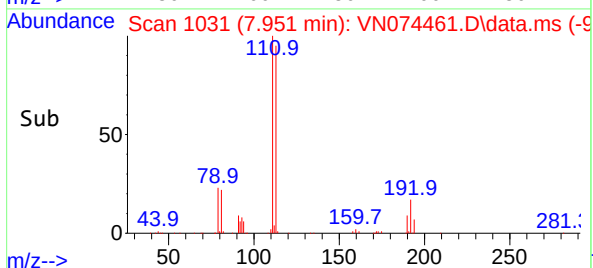
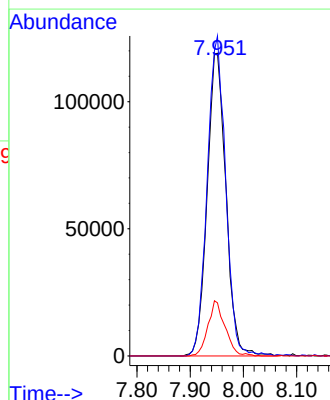
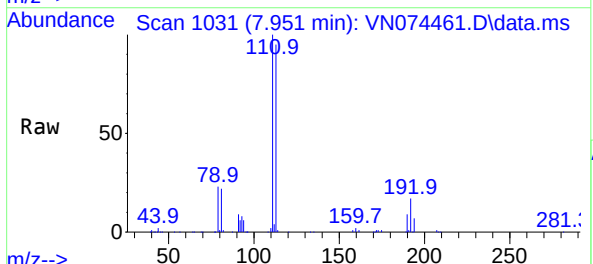
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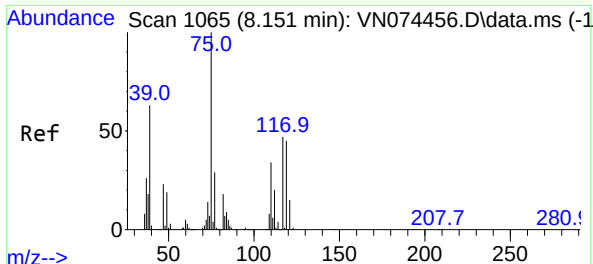
Tgt Ion:114 Resp: 941593
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.0
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.636 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion:113 Resp: 291698
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 16.7 17.0 25.6#

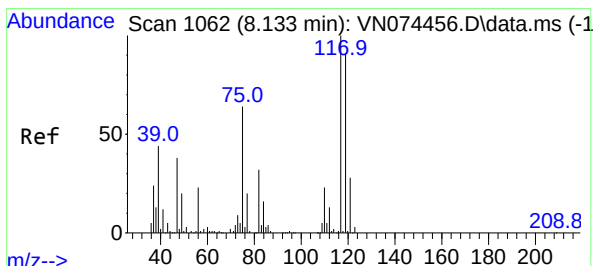
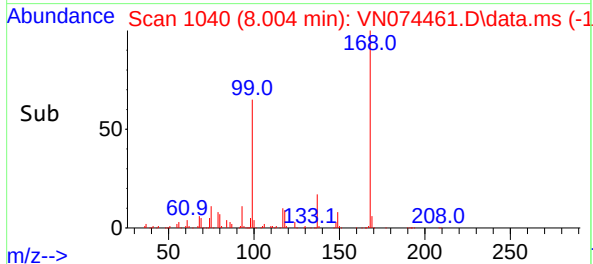
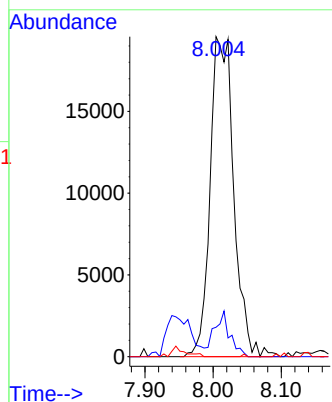
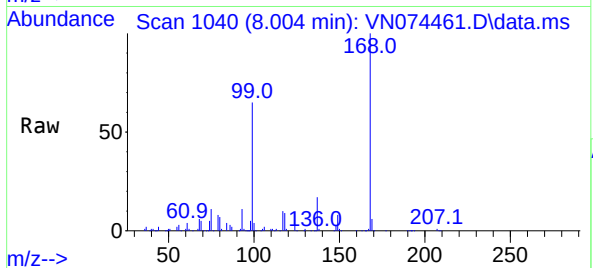




#36
1,1-Dichloropropene
Concen: 4.269 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.147 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

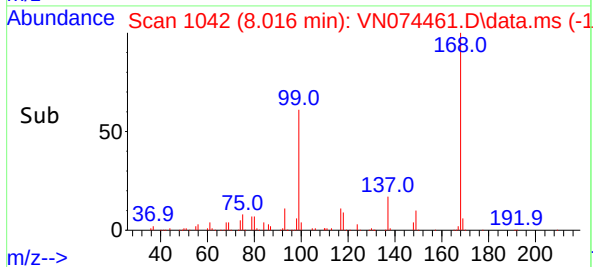
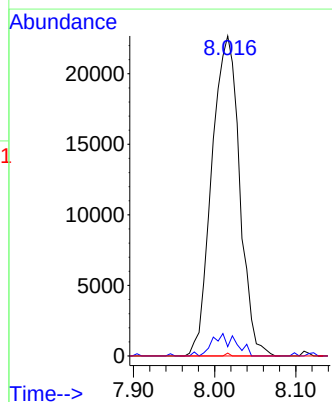
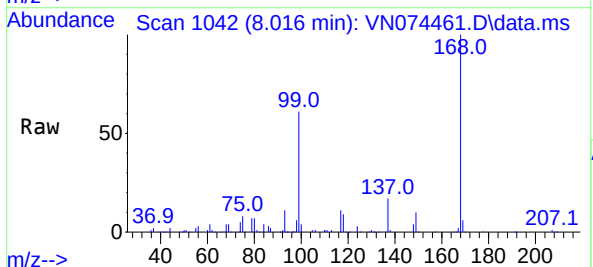
Instrument :
MSVOA_N
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VN0915WBL01

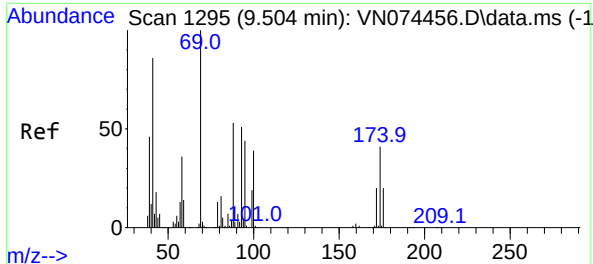
Tgt Ion: 75 Resp: 47263
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.278 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 117 Resp: 53951
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.8#
121 0.9 24.6 37.0#

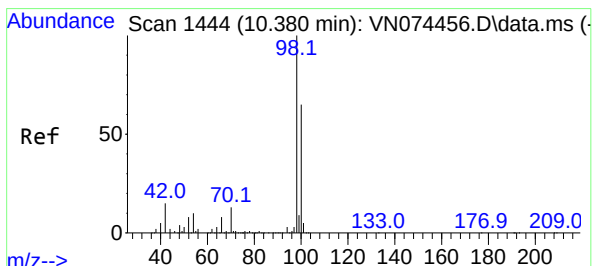
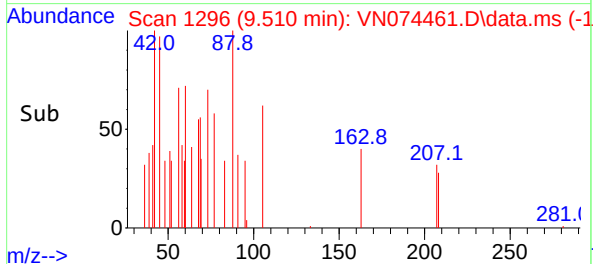
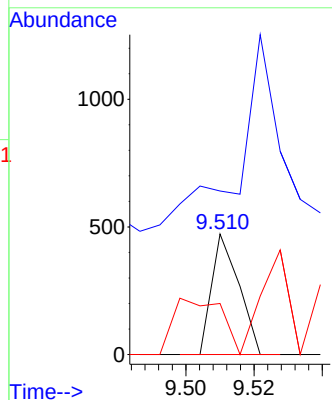
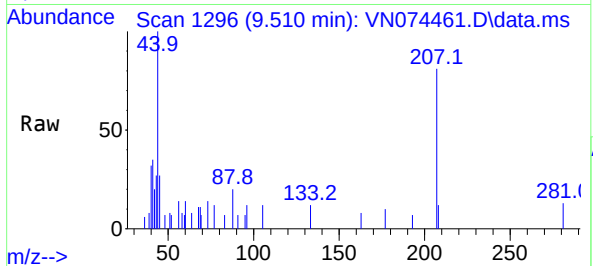




#49
1,4-Dioxane
Concen: 1.143 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

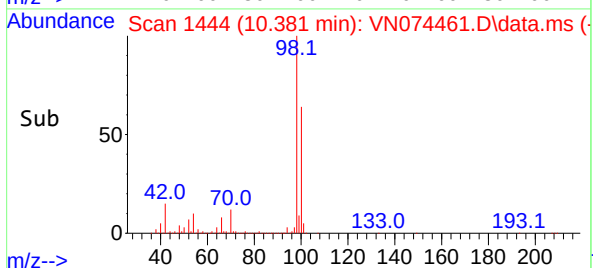
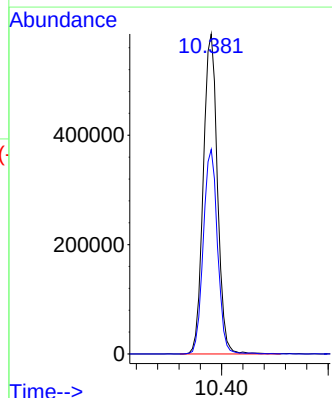
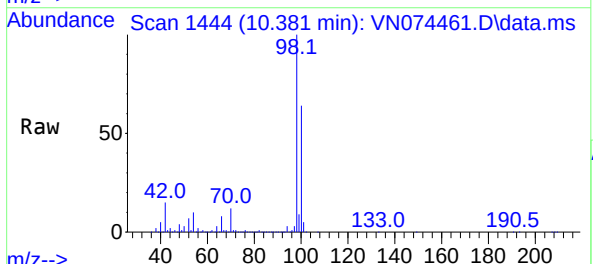
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

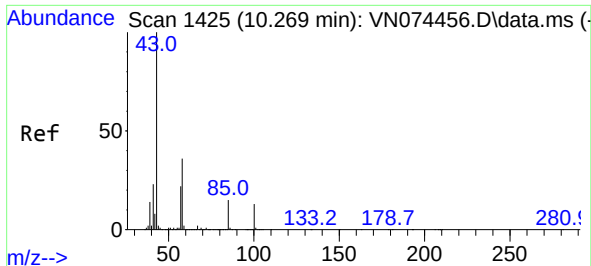
Tgt Ion: 88 Resp: 261
Ion Ratio Lower Upper
88 100
43 418.4 20.2 30.4#
58 123.4 54.2 81.4#



#50
Toluene-d8
Concen: 44.470 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 98 Resp: 1075726
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

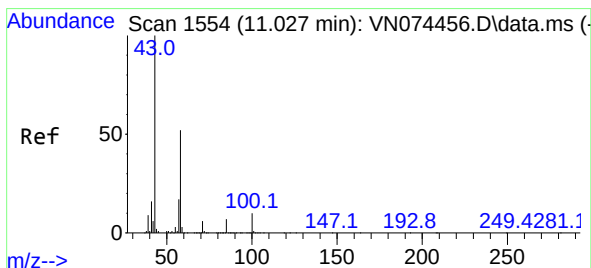
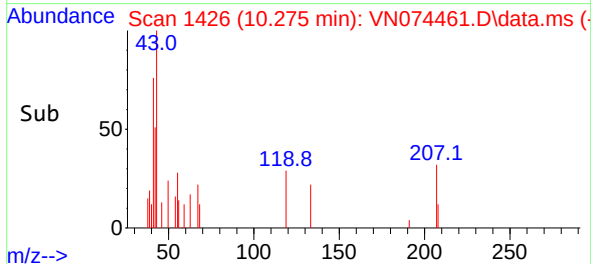
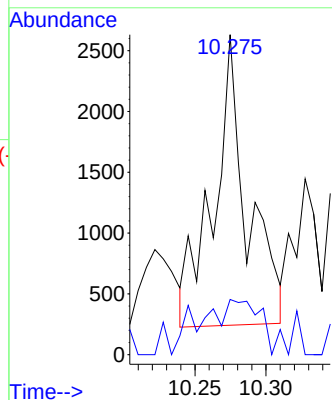
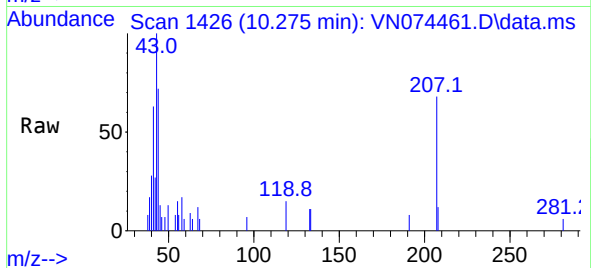




#51
4-Methyl-2-Pentanone
Concen: 0.225 ug/l
RT: 10.275 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

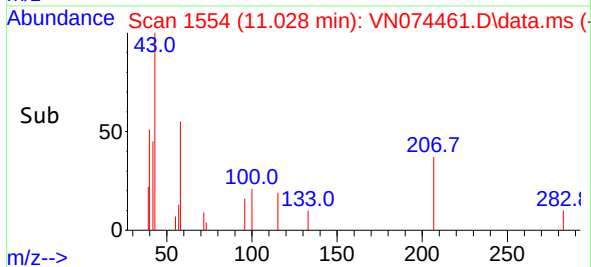
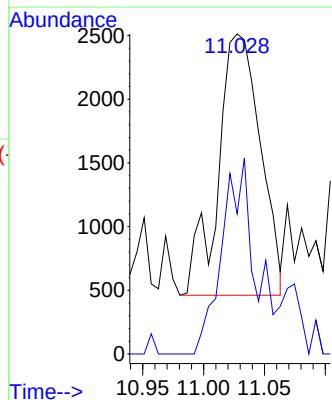
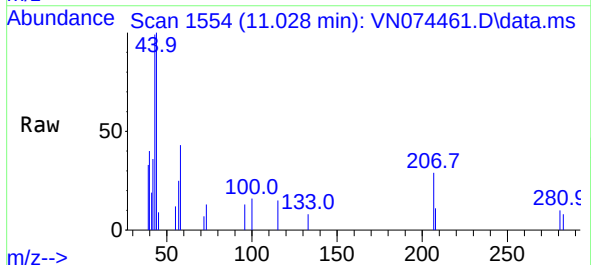
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

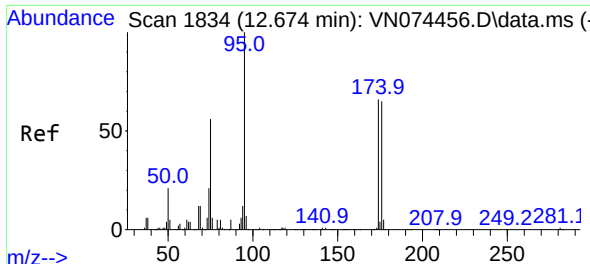
Tgt Ion: 43 Resp: 3935
Ion Ratio Lower Upper
43 100
58 23.7 34.1 51.1#



#59
2-Hexanone
Concen: 0.372 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 43 Resp: 4973
Ion Ratio Lower Upper
43 100
58 59.8 29.7 89.1

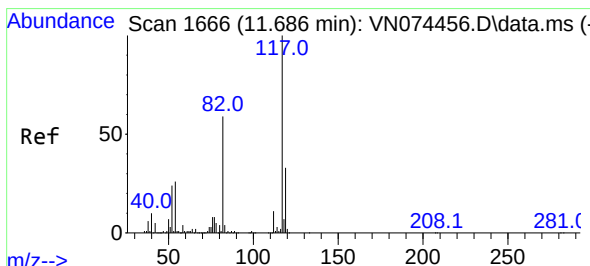
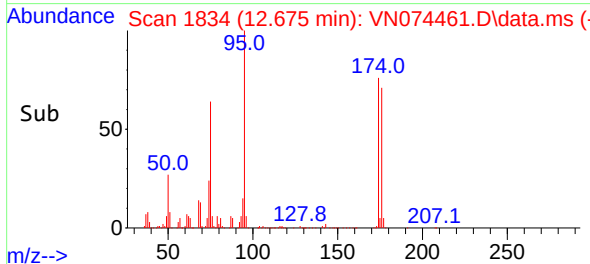
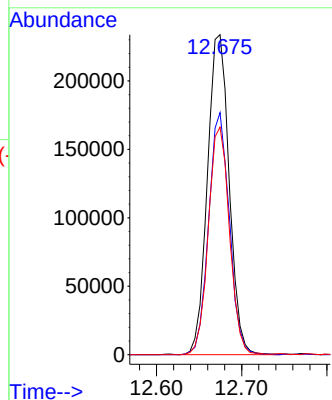
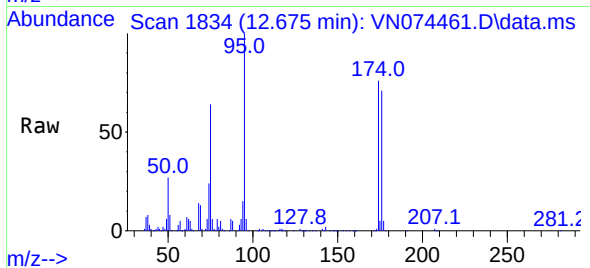




#62
4-Bromofluorobenzene
Concen: 50.084 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

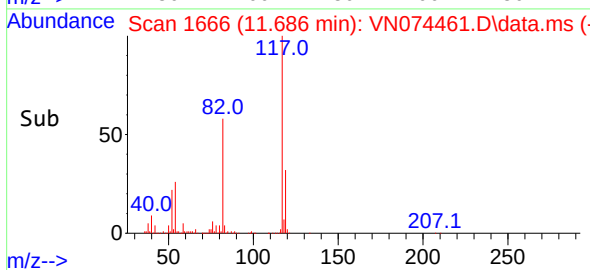
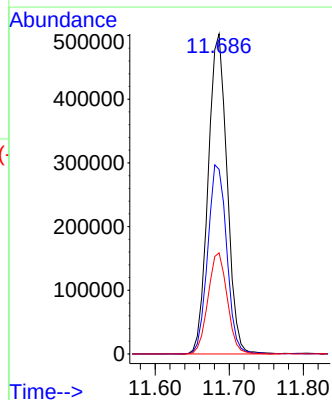
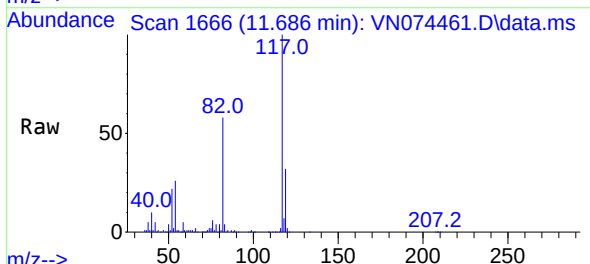
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

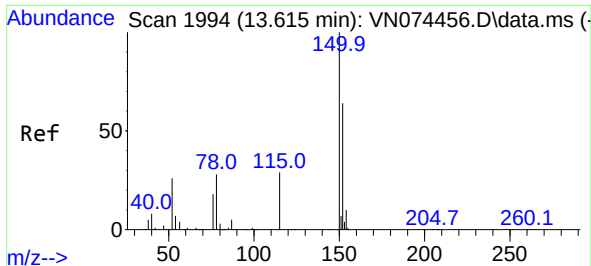
Tgt Ion: 95 Resp: 414938
Ion Ratio Lower Upper
95 100
174 71.9 0.0 167.6
176 68.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 117 Resp: 891392
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 31.6 25.4 38.0

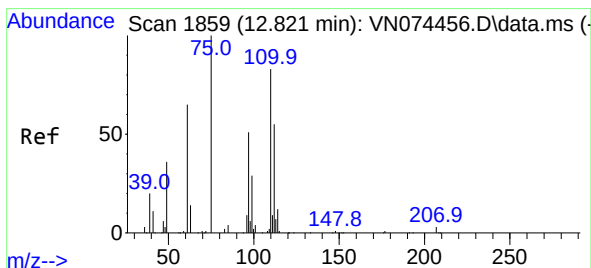
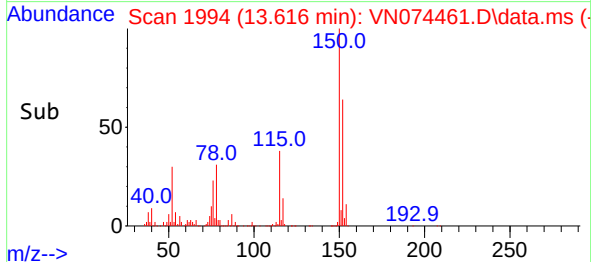
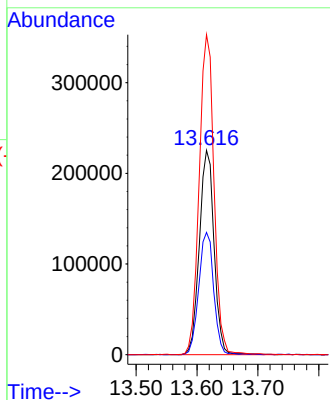
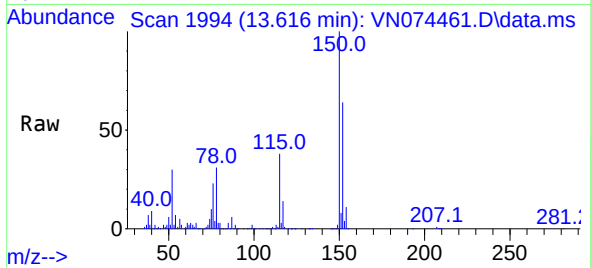




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074461.D
 Acq: 15 Sep 2022 14:47

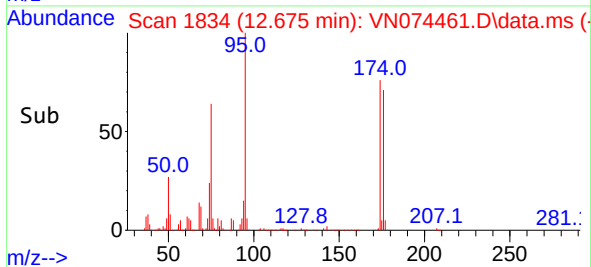
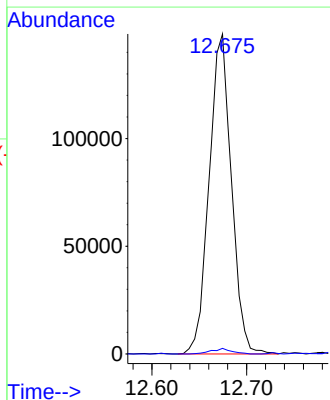
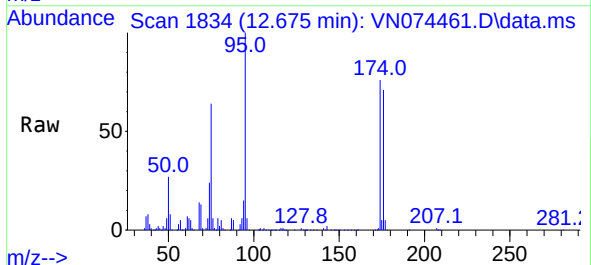
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBL01

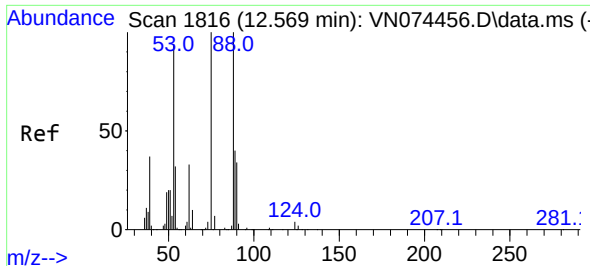
Tgt Ion:152 Resp: 377690
 Ion Ratio Lower Upper
 152 100
 115 60.8 28.9 86.7
 150 157.6 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.915 ug/l
 RT: 12.675 min Scan# 1834
 Delta R.T. -0.146 min
 Lab File: VN074461.D
 Acq: 15 Sep 2022 14:47

Tgt Ion: 75 Resp: 243146
 Ion Ratio Lower Upper
 75 100
 77 1.6 98.5 295.5#

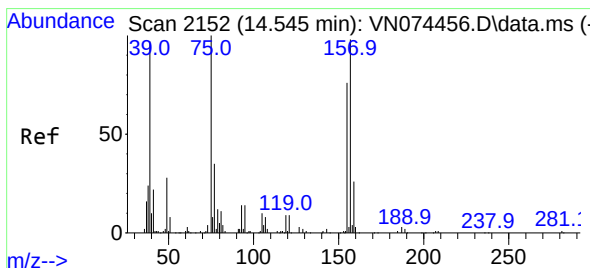
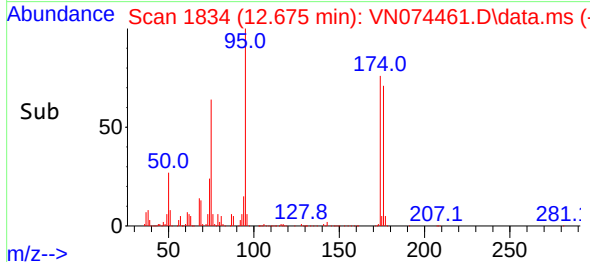
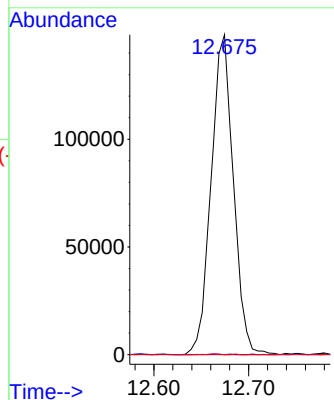
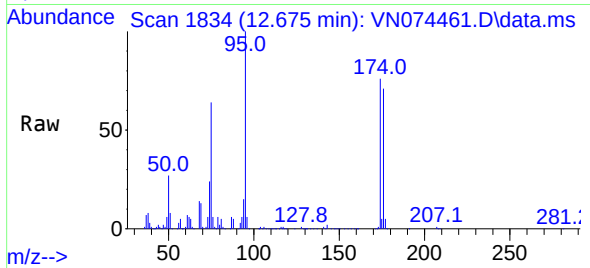




#81
trans-1,4-Dichloro-2-butene
Concen: 45.141 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

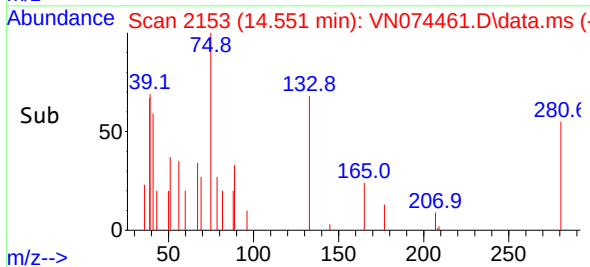
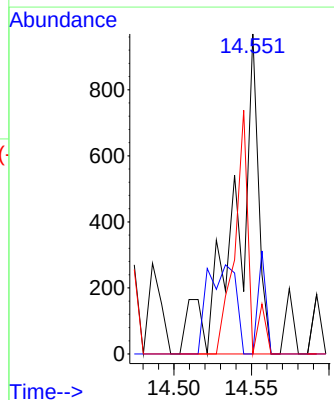
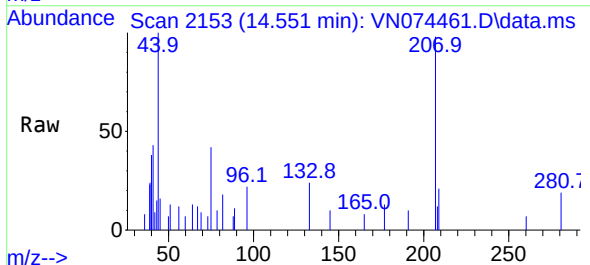
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

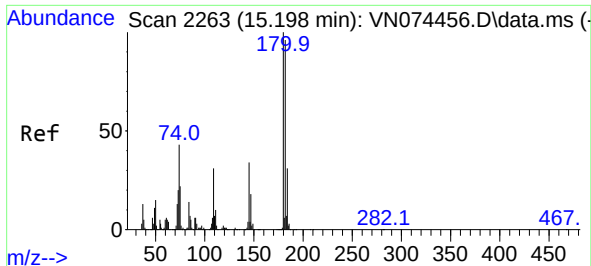
Tgt Ion: 75 Resp: 243146
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.289 ug/l
RT: 14.551 min Scan# 2153
Delta R.T. 0.006 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion: 75 Resp: 990
Ion Ratio Lower Upper
75 100
155 11.1 44.9 134.5#
157 48.1 59.0 176.8#

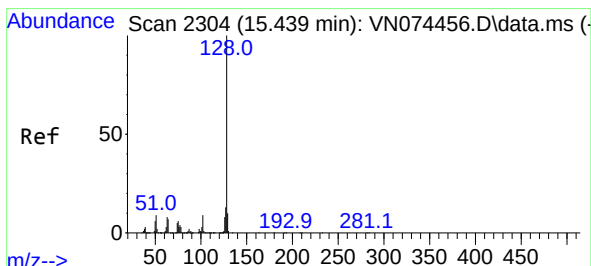
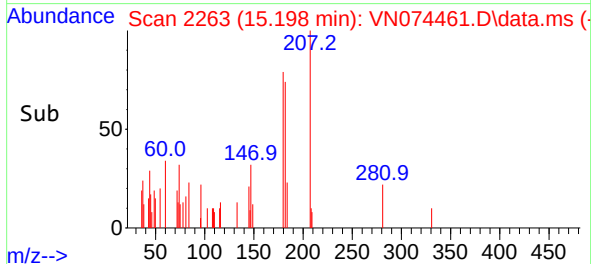
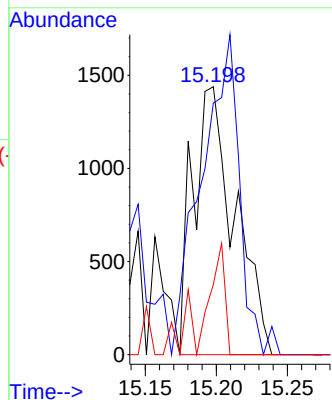
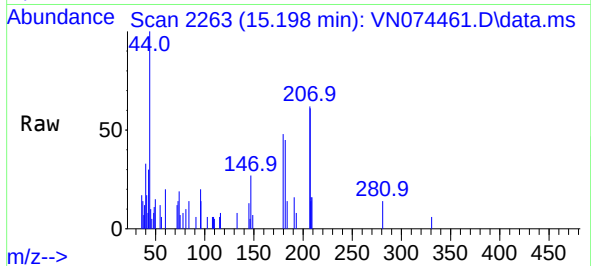




#93
1,2,4-Trichlorobenzene
Concen: 0.393 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

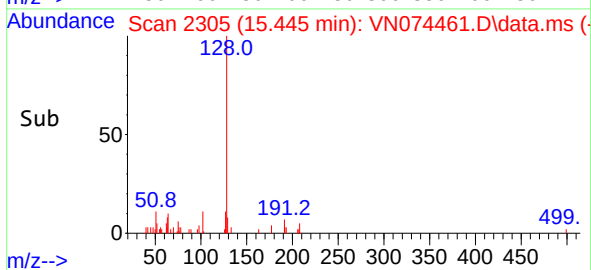
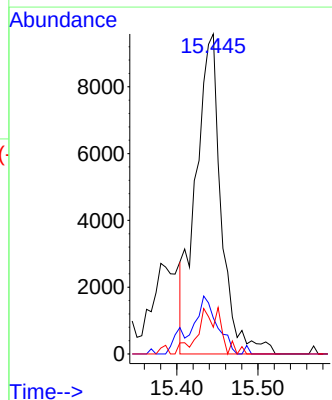
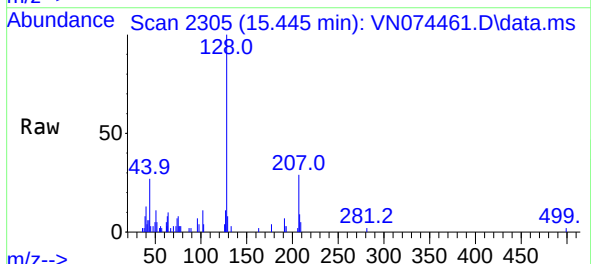
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

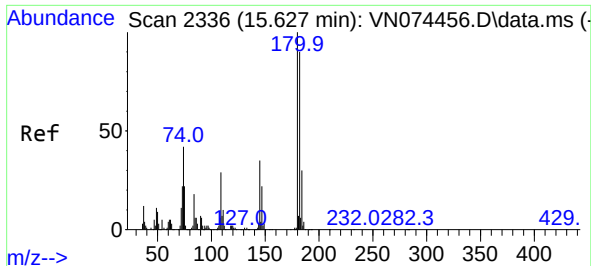
Tgt Ion:180 Resp: 2950
Ion Ratio Lower Upper
180 100
182 108.1 47.5 142.5
145 14.4 14.5 43.5#



#95
Naphthalene
Concen: 2.216 ug/l
RT: 15.445 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN074461.D
Acq: 15 Sep 2022 14:47

Tgt Ion:128 Resp: 20924
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 13.1 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.504 ug/l

RT: 15.592 min Scan# 21

Delta R.T. -0.035 min

Lab File: VN074461.D

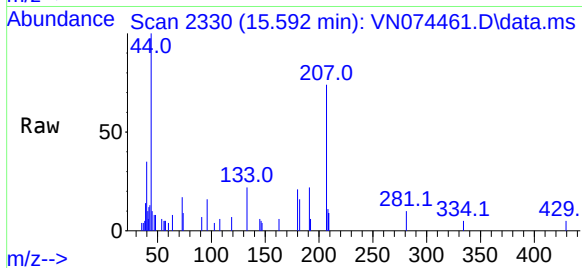
Acq: 15 Sep 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBL01



Tgt Ion:180 Resp: 1338

Ion Ratio Lower Upper

180 100

182 59.3 47.8 143.3

145 25.8 15.5 46.5

