

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074500.D
 Acq On : 16 Sep 2022 10:55
 Operator : JC\MD
 Sample : VN0916WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL01

Quant Time: Sep 16 16:14:12 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)

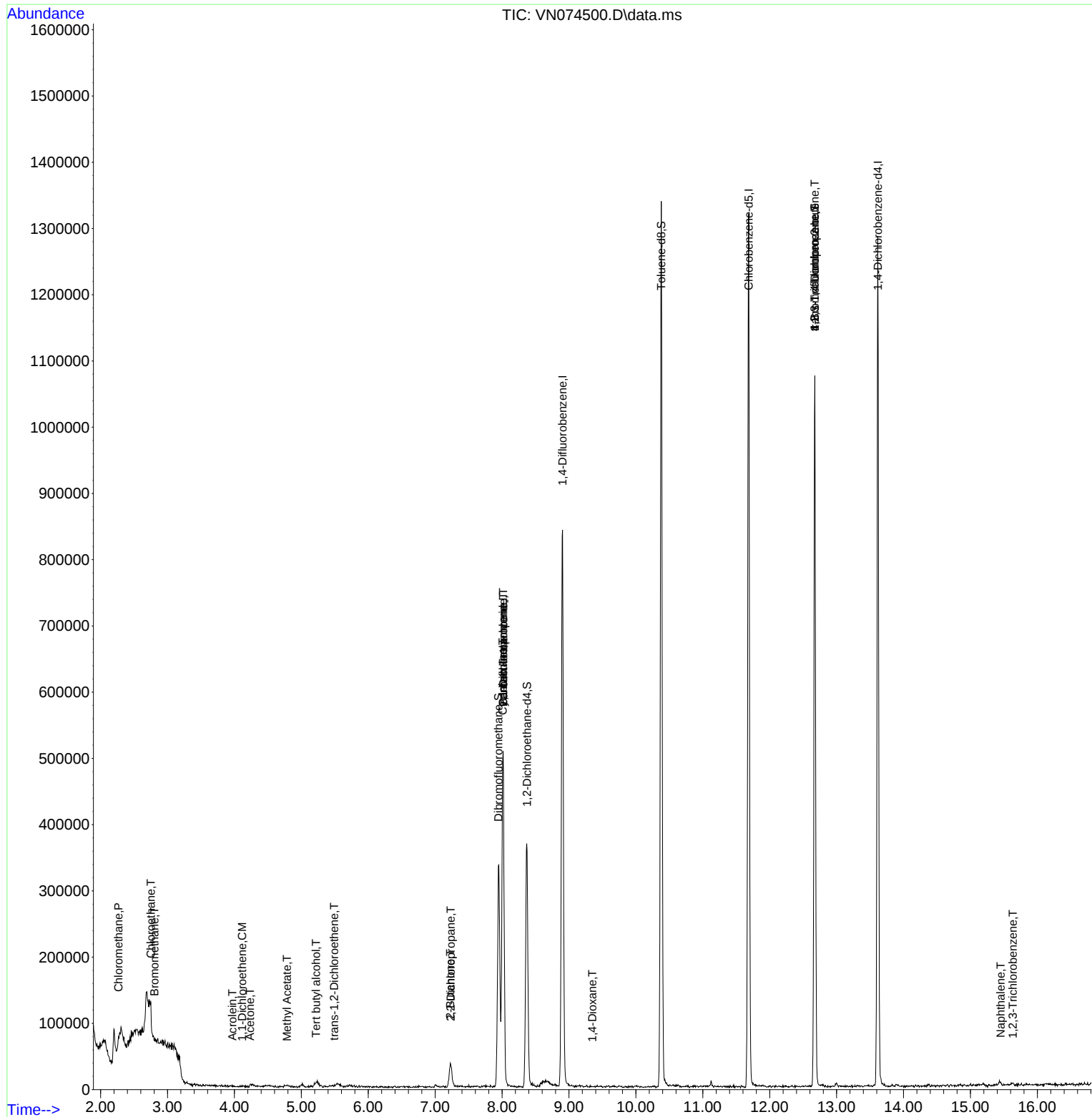
Internal Standards						
1) Pentafluorobenzene	8.016	168	361154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	705937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	707230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	292750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	288232	47.036	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.080%			
35) Dibromofluoromethane	7.945	113	234910	50.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%			
50) Toluene-d8	10.380	98	869086	47.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.840%			
62) 4-Bromofluorobenzene	12.674	95	337658	54.361	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.720%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	2496	0.634	ug/l #	81
5) Bromomethane	2.804	94	2269	0.608	ug/l #	29
6) Chloroethane	2.751	64	11279	2.334	ug/l #	48
11) Tert butyl alcohol	5.222	59	4493	2.251	ug/l #	72
12) 1,1-Dichloroethene	4.116	96	307	0.748	ug/l #	1
13) Acrolein	3.969	56	213	0.292	ug/l #	1
16) Acetone	4.234	43	2765	0.705	ug/l #	68
18) Methyl Acetate	4.787	43	7325	0.601	ug/l #	72
21) trans-1,2-Dichloroethene	5.492	96	355	0.496	ug/l #	1
25) 2-Butanone	7.228	43	3114	0.478	ug/l #	79
26) 2,2-Dichloropropane	7.233	77	2447	0.249	ug/l #	53
28) Bromochloromethane	7.586	49	73	Below Cal	#	8
31) Cyclohexane	8.010	56	12935	1.189	ug/l #	51
36) 1,1-Dichloropropene	8.016	75	36269	4.370	ug/l #	48
38) Carbon Tetrachloride	8.016	117	39347	5.134	ug/l #	15
49) 1,4-Dioxane	9.351	88	72	0.421	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	199727	22.165	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	199727	47.838	ug/l #	10
95) Naphthalene	15.451	128	5422	1.798	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.633	180	1256	1.540	ug/l #	75

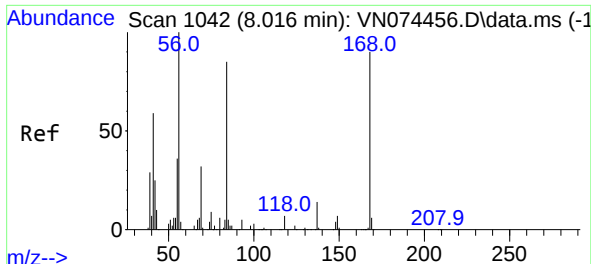
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 16 16:14:12 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

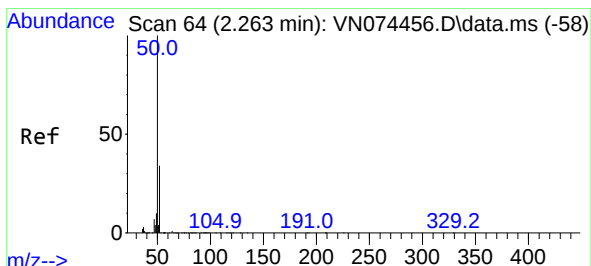
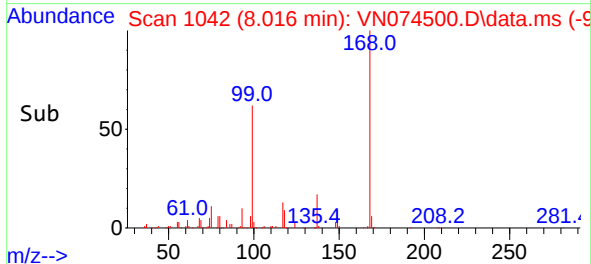
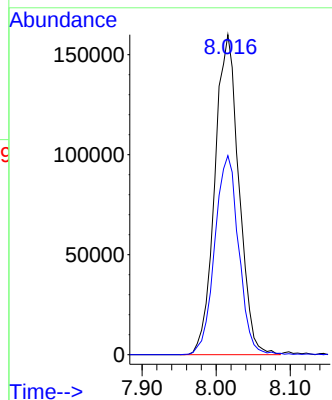
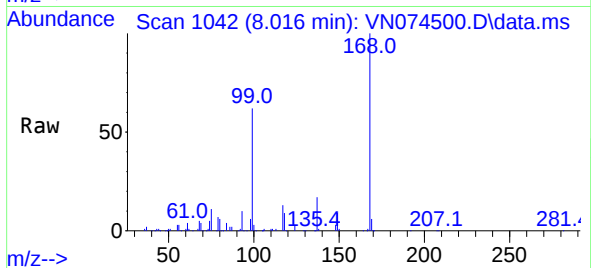




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

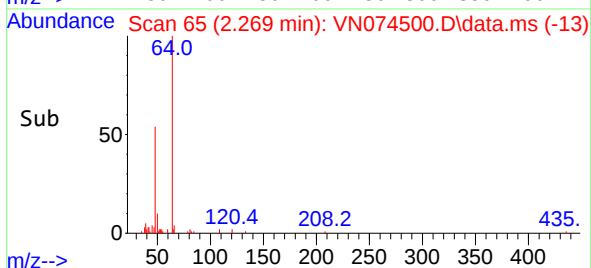
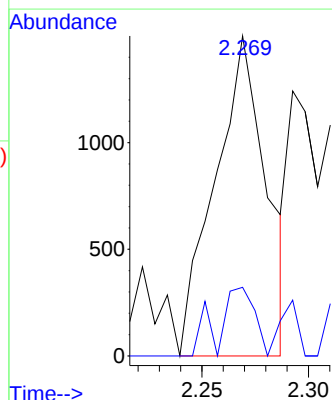
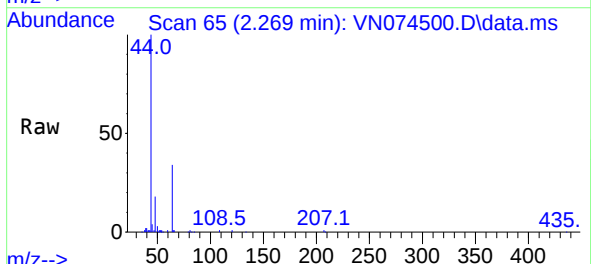
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

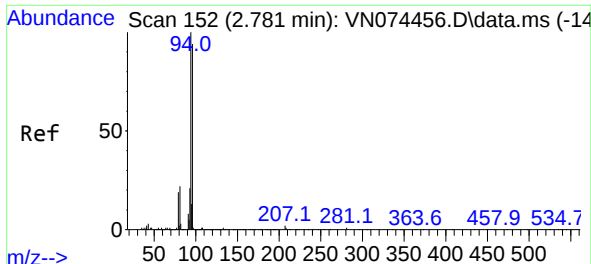
Tgt Ion:168 Resp: 361154
Ion Ratio Lower Upper
168 100
99 62.2 42.3 63.5



#3
Chloromethane
Concen: 0.634 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion: 50 Resp: 2496
Ion Ratio Lower Upper
50 100
52 21.5 25.7 38.5#

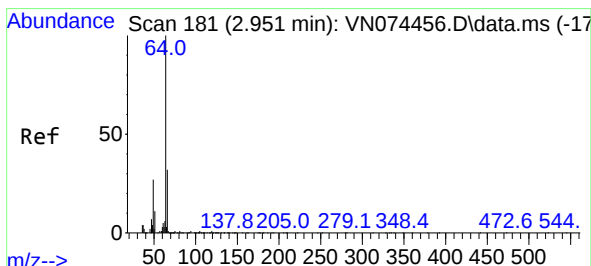
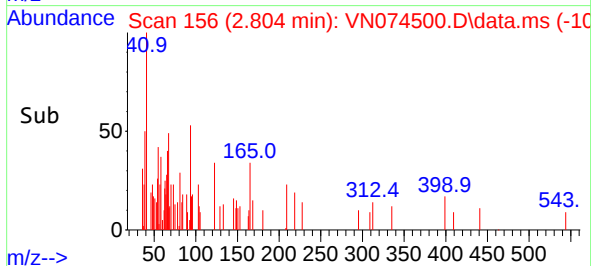
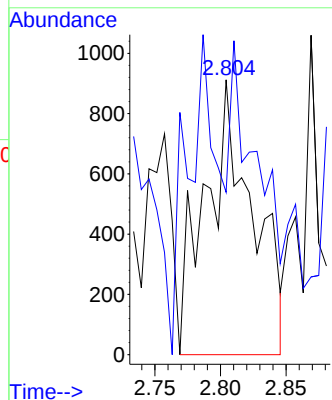
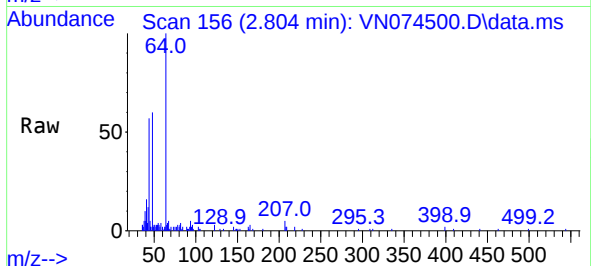




#5
Bromomethane
Concen: 0.608 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

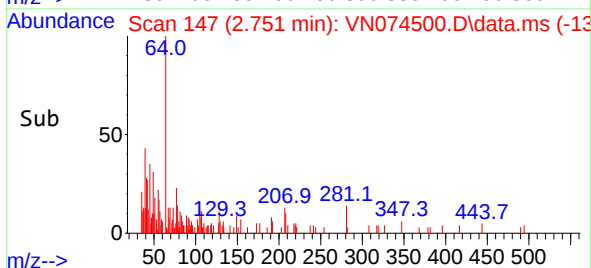
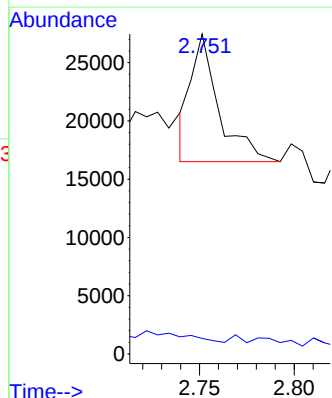
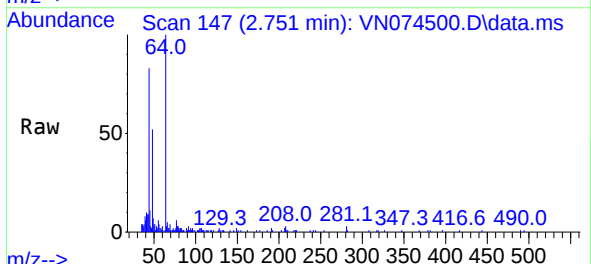
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

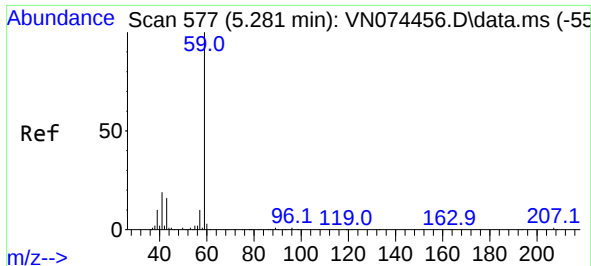
Tgt Ion: 94 Resp: 2269
Ion Ratio Lower Upper
94 100
96 26.0 76.0 114.0#



#6
Chloroethane
Concen: 2.334 ug/l
RT: 2.751 min Scan# 147
Delta R.T. -0.200 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion: 64 Resp: 11279
Ion Ratio Lower Upper
64 100
66 3.2 26.2 39.4#





#11

Tert butyl alcohol

Concen: 2.251 ug/l

RT: 5.222 min Scan# 5

Delta R.T. -0.059 min

Lab File: VN074500.D

Acq: 16 Sep 2022 10:55

Instrument :

MSVOA_N

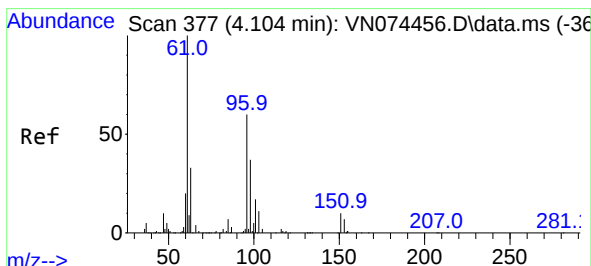
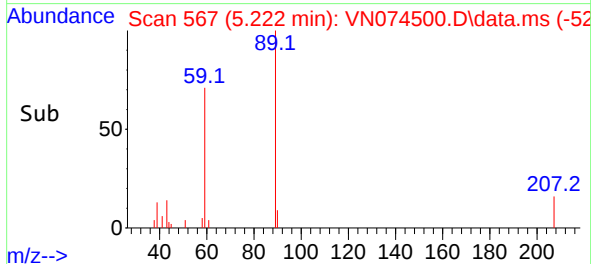
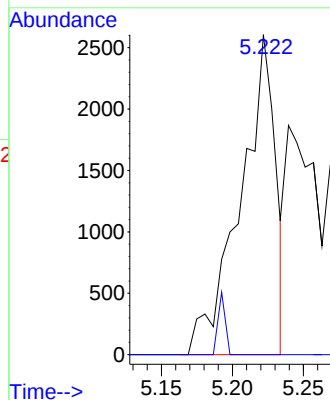
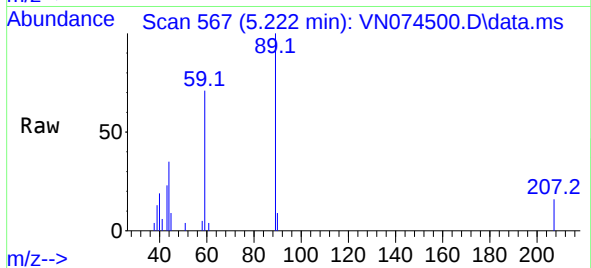
ClientSampleId :

VN0916WBL01

Tgt Ion: 59 Resp: 4493

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



#12

1,1-Dichloroethene

Concen: 0.748 ug/l

RT: 4.116 min Scan# 379

Delta R.T. 0.012 min

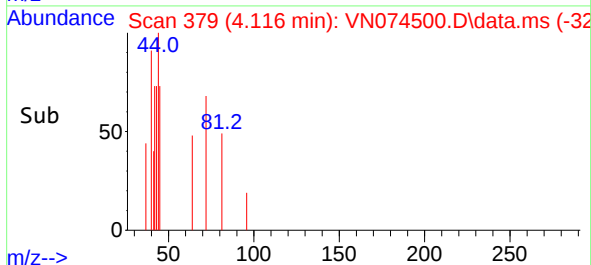
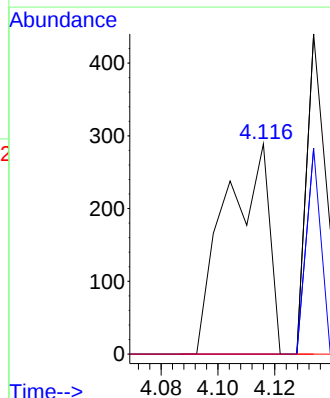
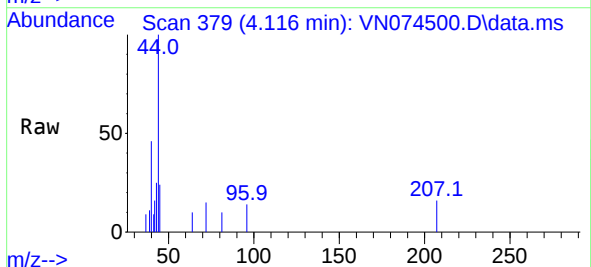
Lab File: VN074500.D

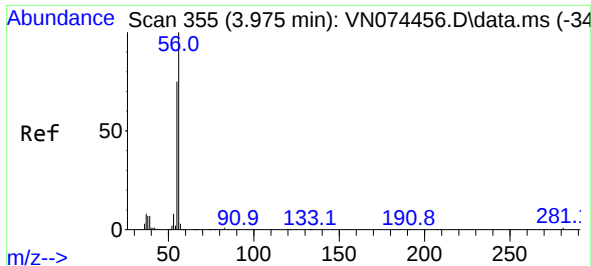
Acq: 16 Sep 2022 10:55

Tgt Ion: 96 Resp: 307

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
96	100		
61	0.0	127.6	191.4#
98	0.0	51.2	76.8#

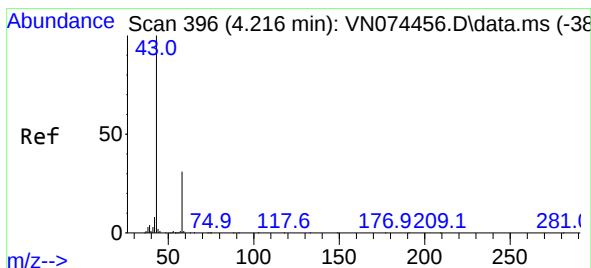
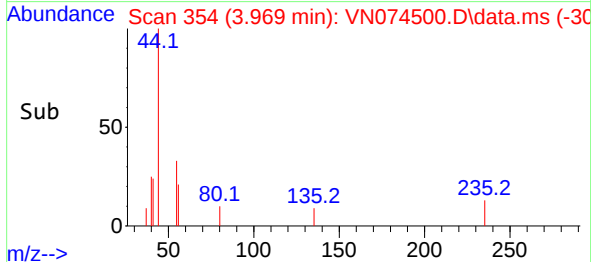
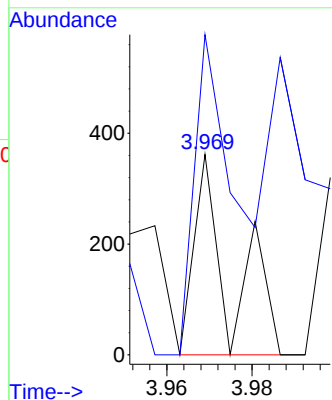
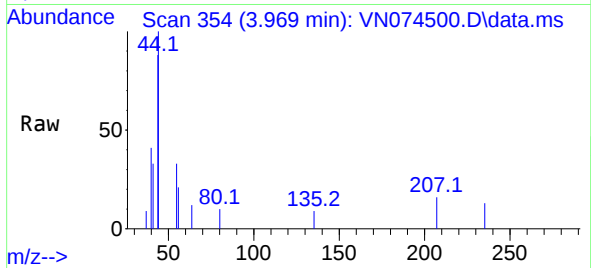




#13
Acrolein
Concen: 0.292 ug/l
RT: 3.969 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

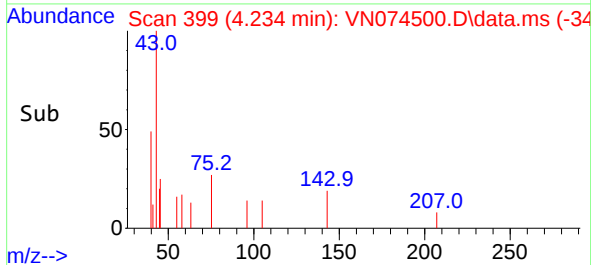
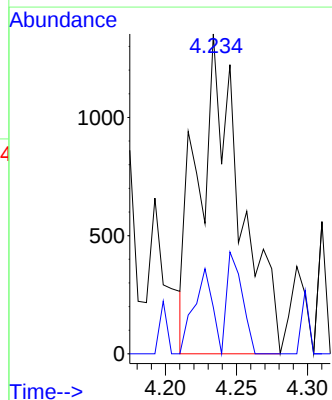
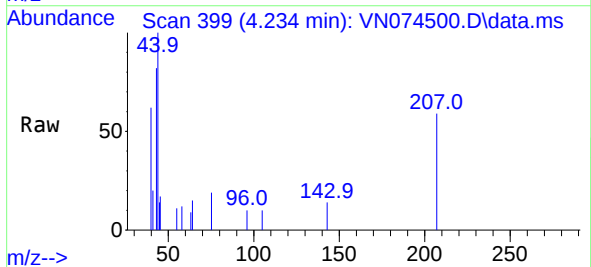
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

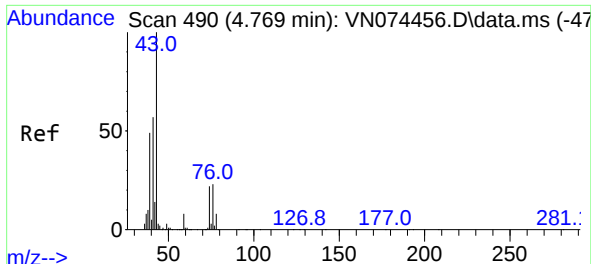
Tgt Ion: 56 Resp: 213
Ion Ratio Lower Upper
56 100
55 209.9 54.8 82.2#



#16
Acetone
Concen: 0.705 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.018 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion: 43 Resp: 2765
Ion Ratio Lower Upper
43 100
58 14.6 26.0 39.0#





#18

Methyl Acetate

Concen: 0.601 ug/l

RT: 4.787 min Scan# 491

Delta R.T. 0.018 min

Lab File: VN074500.D

Acq: 16 Sep 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

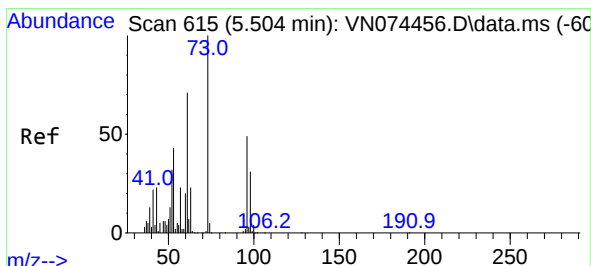
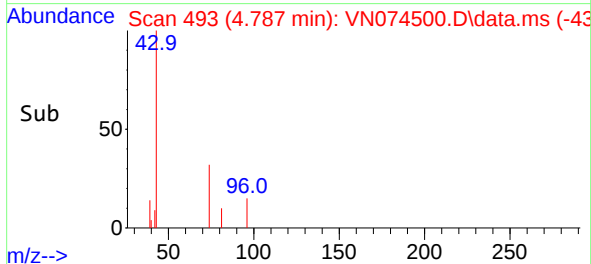
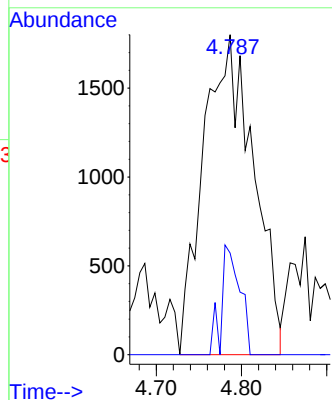
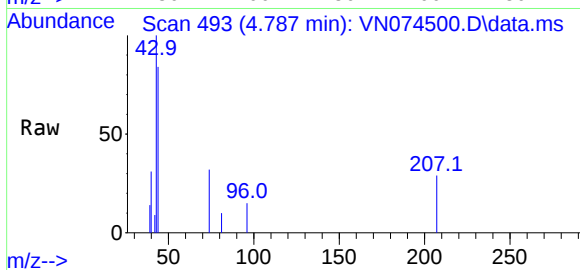
VN0916WBL01

Tgt Ion: 43 Resp: 7325

Ion Ratio Lower Upper

43 100

74 12.7 21.6 32.4#



#21

trans-1,2-Dichloroethene

Concen: 0.496 ug/l

RT: 5.492 min Scan# 613

Delta R.T. -0.012 min

Lab File: VN074500.D

Acq: 16 Sep 2022 10:55

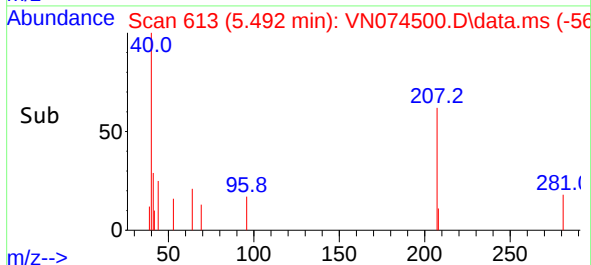
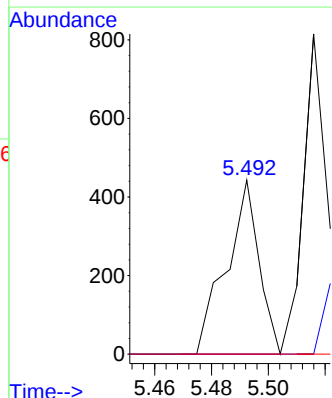
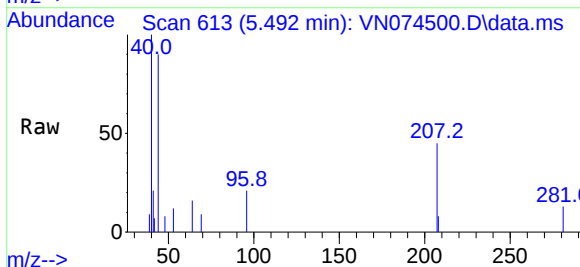
Tgt Ion: 96 Resp: 355

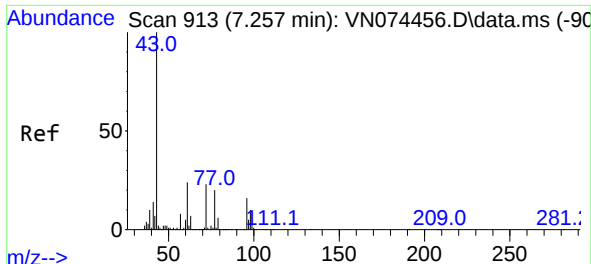
Ion Ratio Lower Upper

96 100

61 0.0 105.8 158.8#

98 0.0 50.3 75.5#

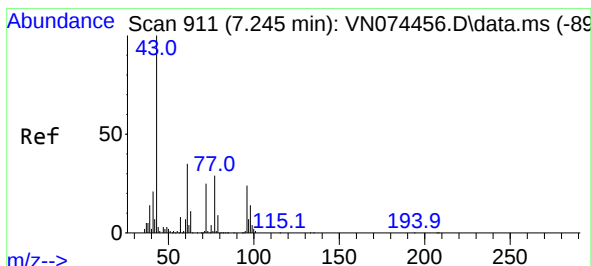
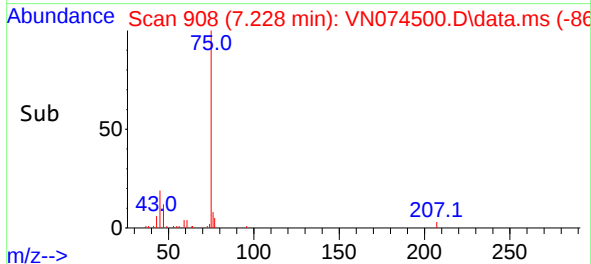
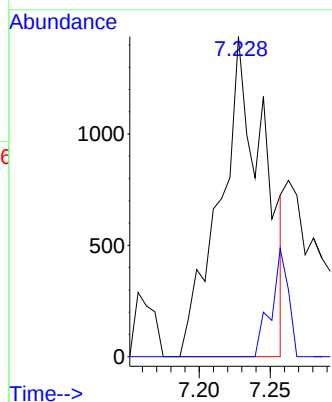
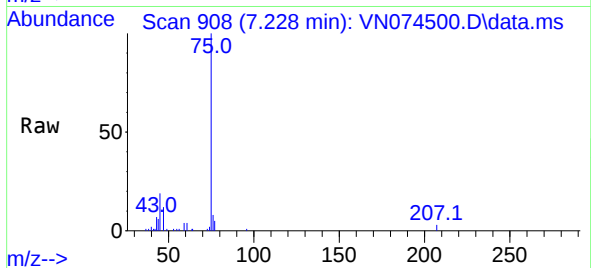




#25
2-Butanone
Concen: 0.478 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.029 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

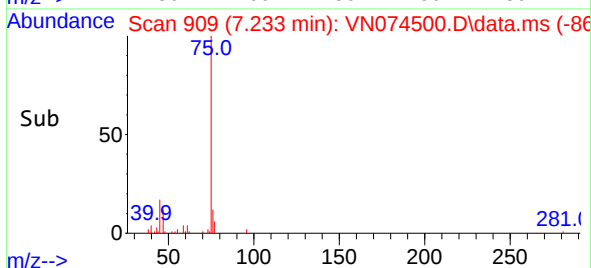
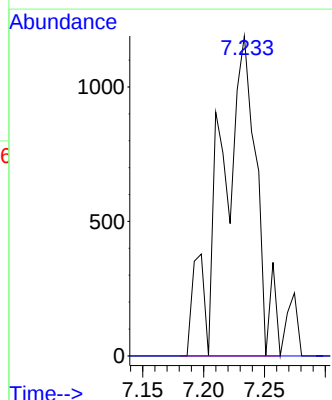
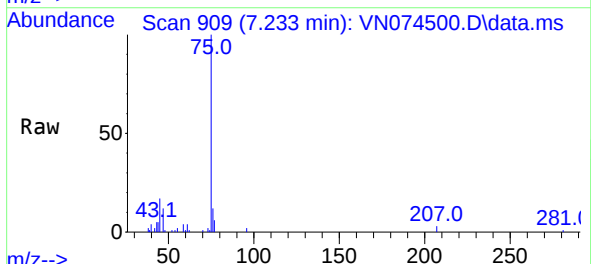
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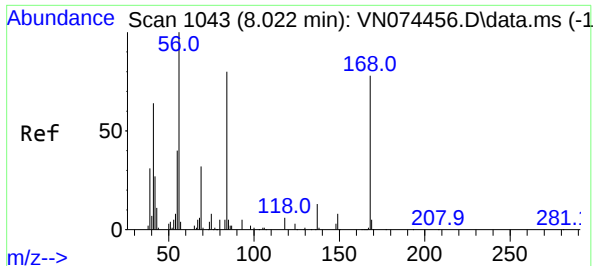
Tgt Ion: 43 Resp: 3114
Ion Ratio Lower Upper
43 100
72 18.2 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.249 ug/l
RT: 7.233 min Scan# 909
Delta R.T. -0.012 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion: 77 Resp: 2447
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

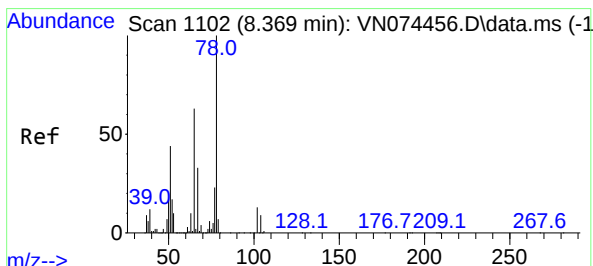
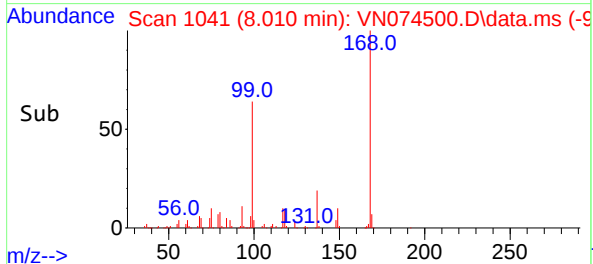
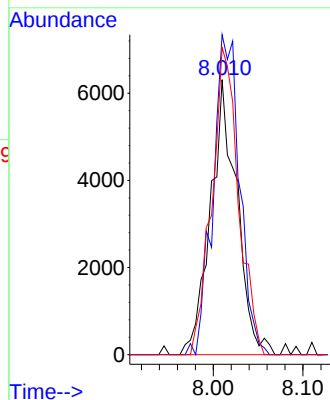
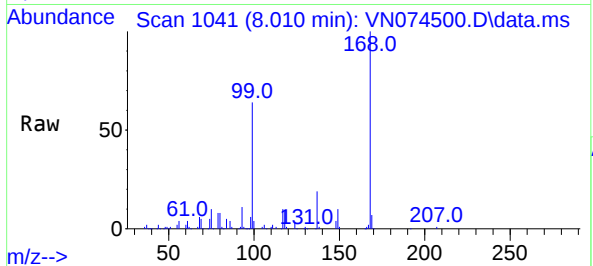




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.010 min Scan# 1103
Delta R.T. -0.012 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

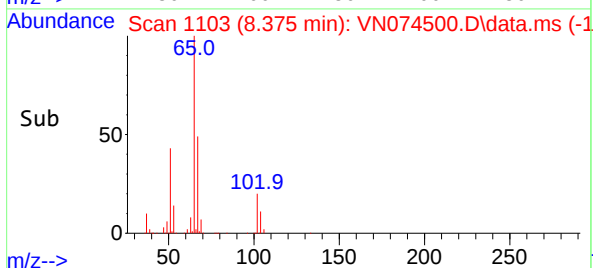
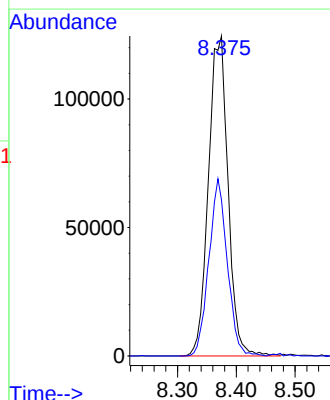
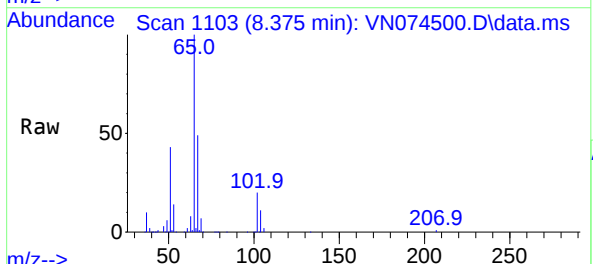
Instrument :
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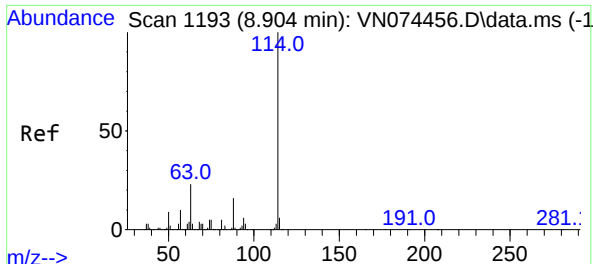
Tgt Ion: 56 Resp: 12935
Ion Ratio Lower Upper
56 100
69 116.3 27.8 41.8#
84 111.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 47.036 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion: 65 Resp: 288232
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



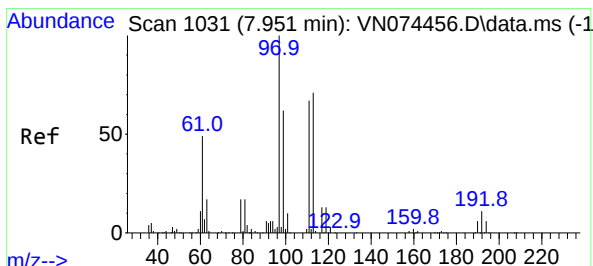
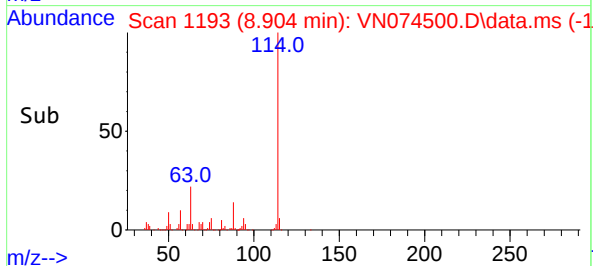
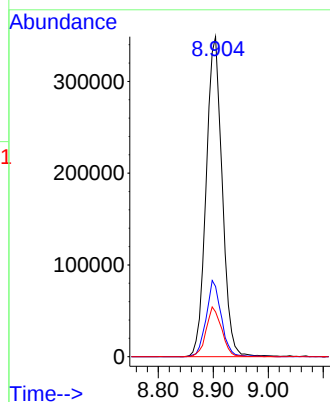
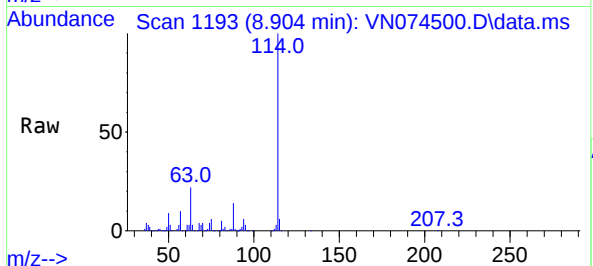


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:114 Resp: 705937

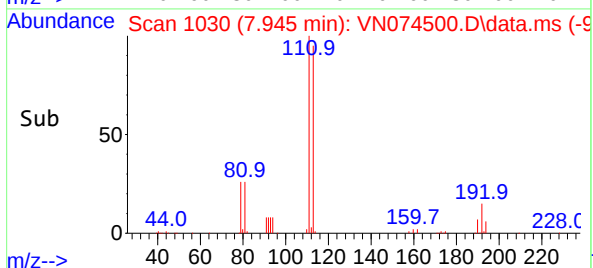
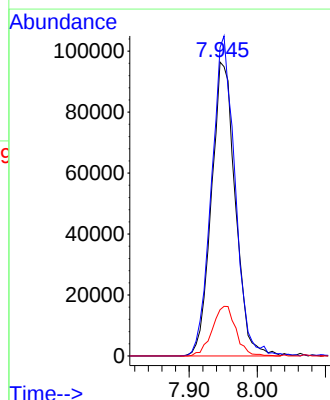
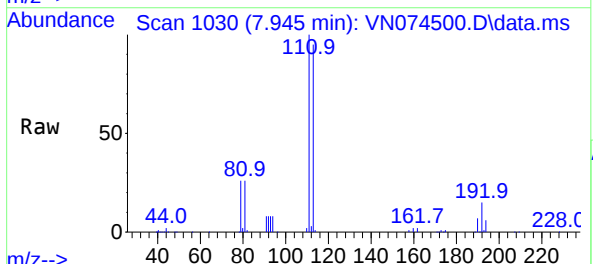
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	40.0
88	14.0	0.0	32.6

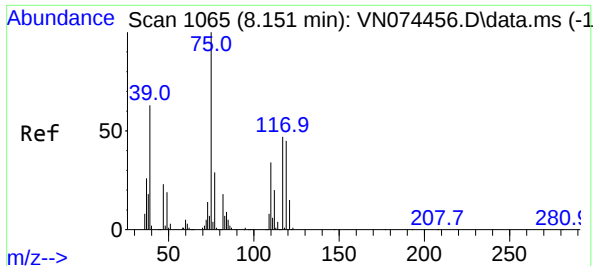


#35
Dibromofluoromethane
Concen: 50.094 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion:113 Resp: 234910

Ion	Ratio	Lower	Upper
113	100		
111	107.2	81.4	122.0
192	16.7	17.0	25.6

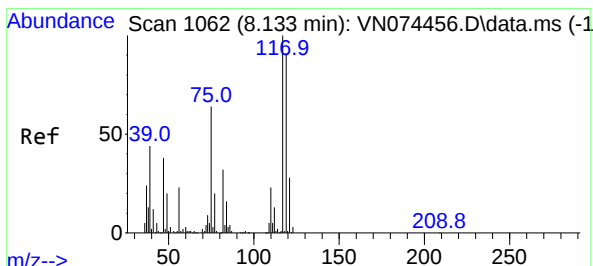
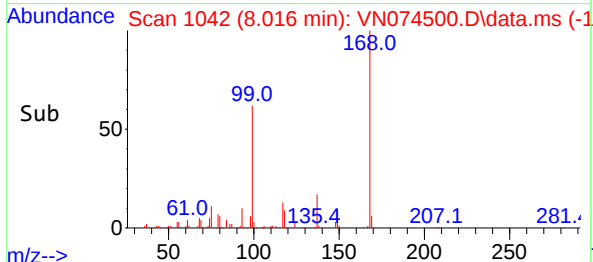
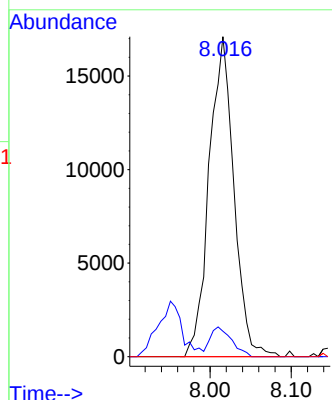
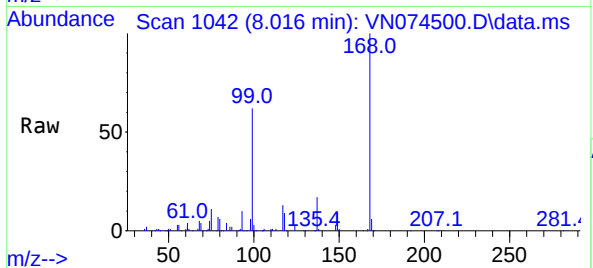




#36
1,1-Dichloropropene
Concen: 4.370 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

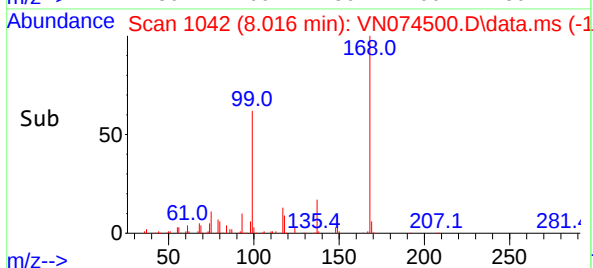
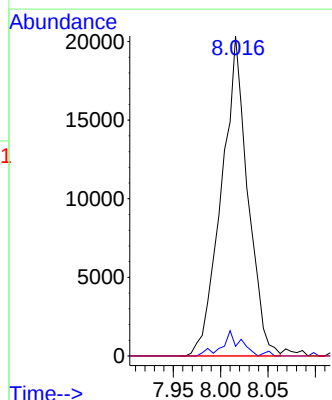
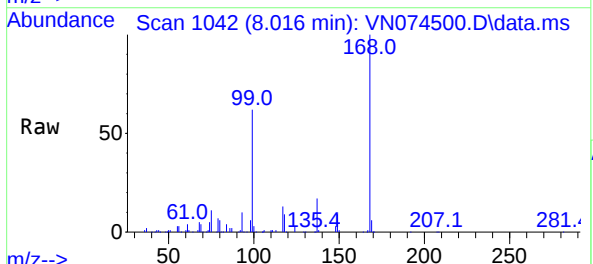
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

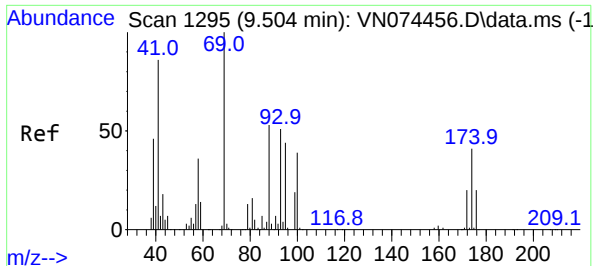
Tgt Ion: 75 Resp: 36269
Ion Ratio Lower Upper
75 100
110 8.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.134 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion: 117 Resp: 39347
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.8#
121 0.0 24.6 37.0#

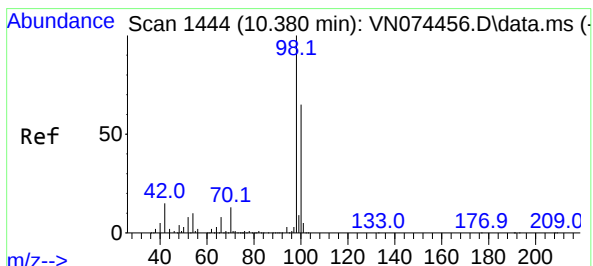
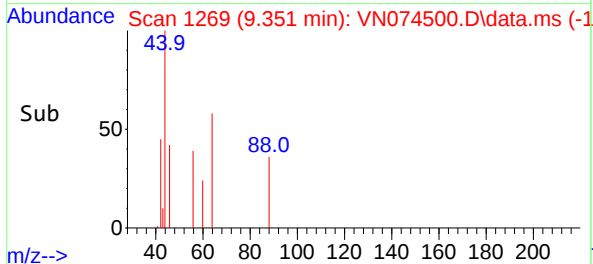
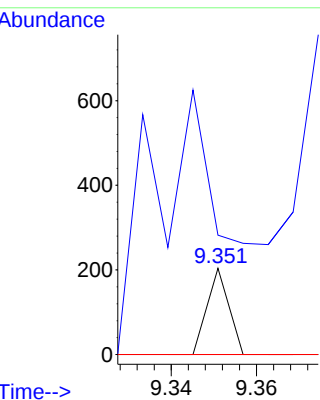
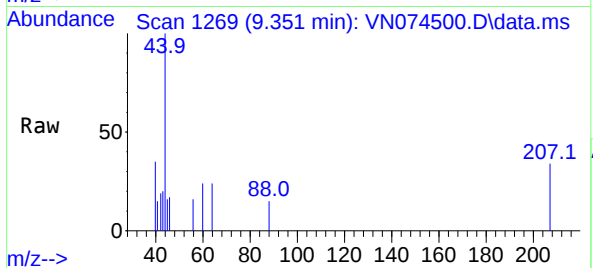




#49
1,4-Dioxane
Concen: 0.421 ug/l
RT: 9.351 min Scan# 1295
Delta R.T. -0.153 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

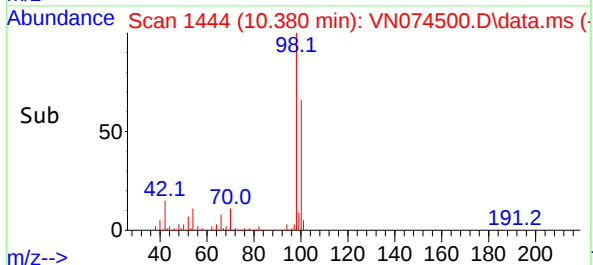
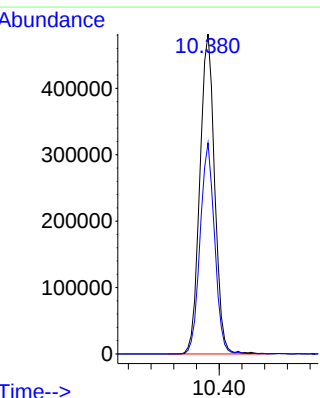
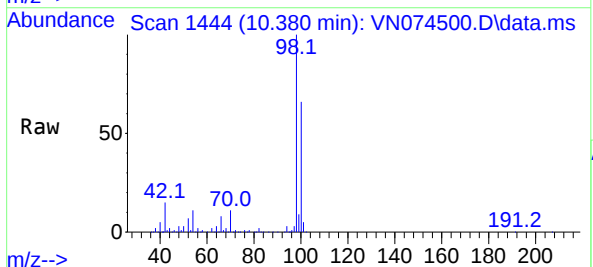
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

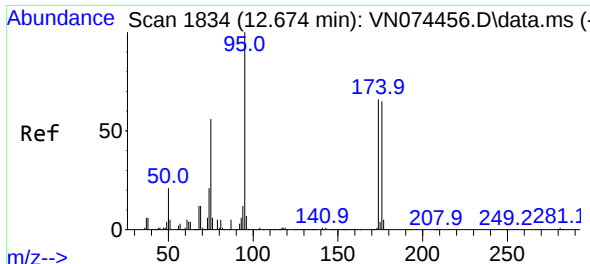
Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
43 1102.8 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 47.921 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

Tgt Ion: 98 Resp: 869086
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

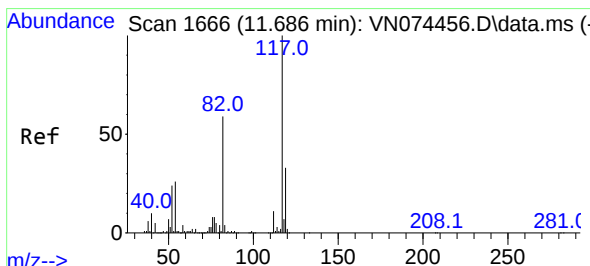
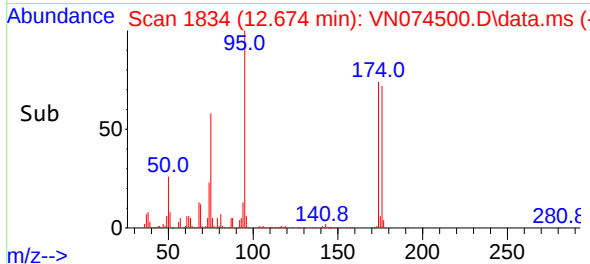
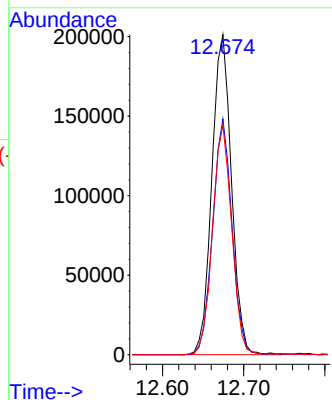
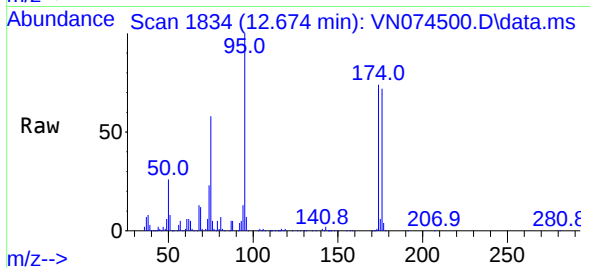




#62
4-Bromofluorobenzene
Concen: 54.361 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

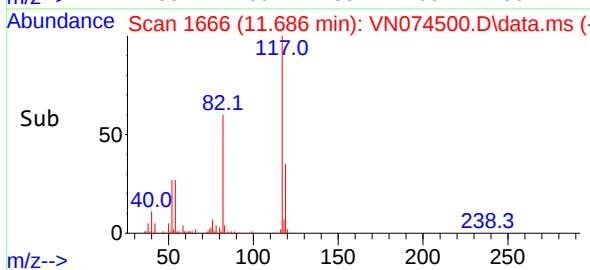
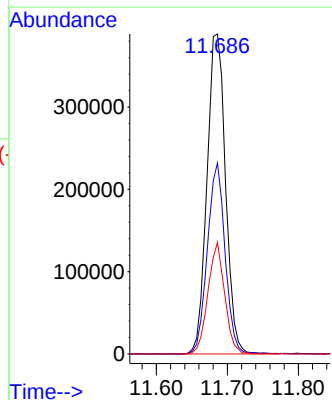
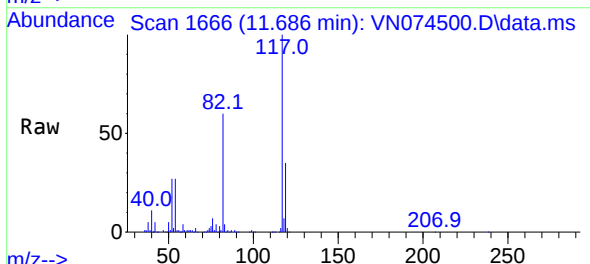
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

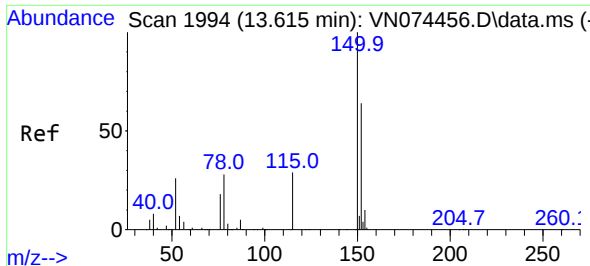
Tgt Ion: 95 Resp: 337658
Ion Ratio Lower Upper
95 100
174 72.4 0.0 167.6
176 70.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

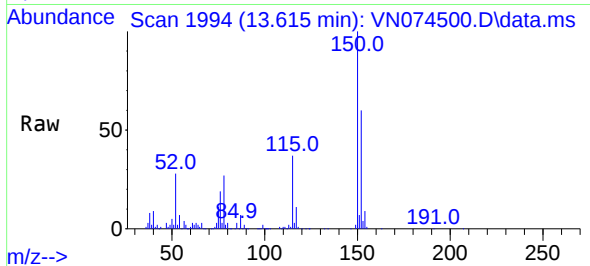
Tgt Ion: 117 Resp: 707230
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 34.9 25.4 38.0





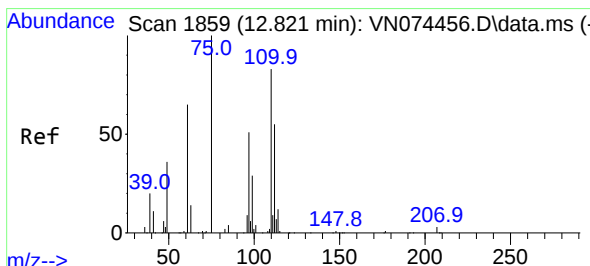
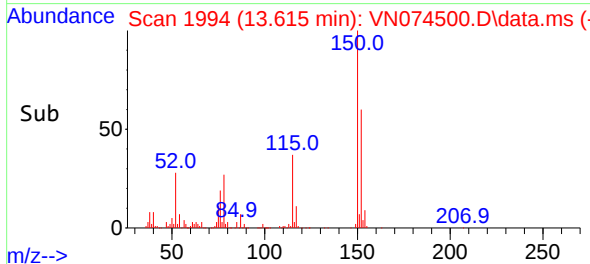
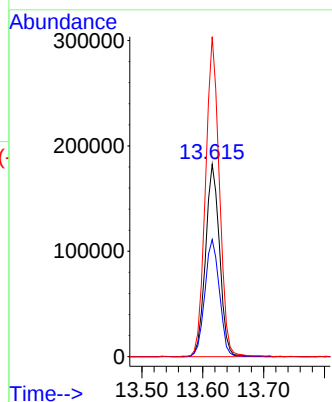
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074500.D
 Acq: 16 Sep 2022 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL01



Tgt Ion:152 Resp: 292750

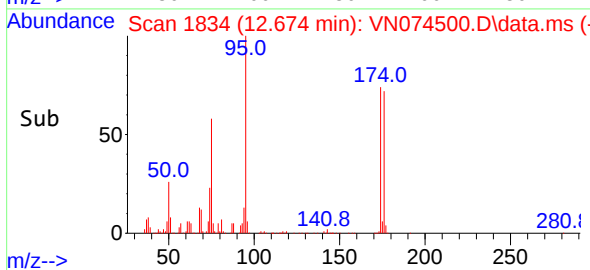
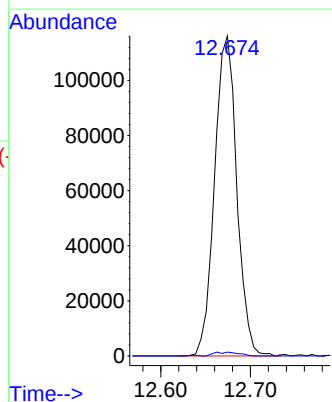
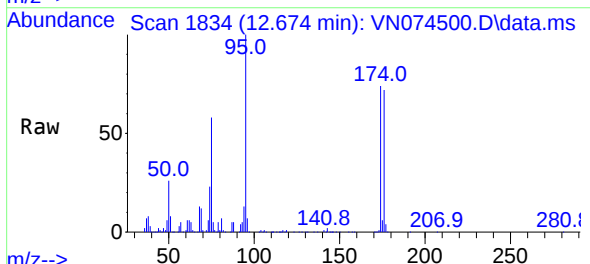
Ion	Ratio	Lower	Upper
152	100		
115	63.2	28.9	86.7
150	163.6	0.0	356.2

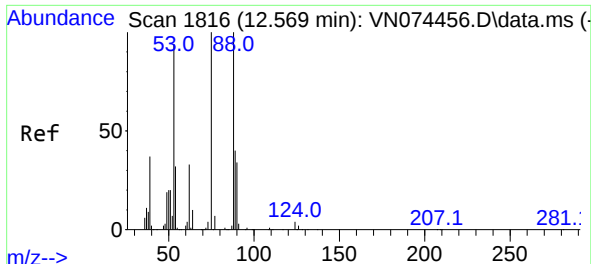


#76
 1,2,3-Trichloropropane
 Concen: 22.165 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074500.D
 Acq: 16 Sep 2022 10:55

Tgt Ion: 75 Resp: 199727

Ion	Ratio	Lower	Upper
75	100		
77	1.3	98.5	295.5#

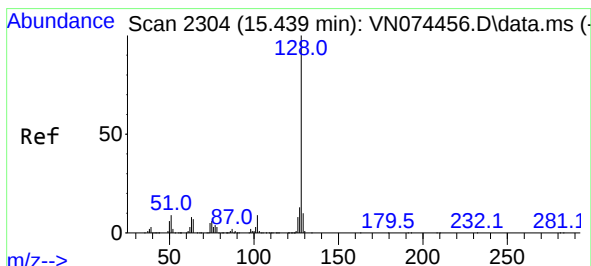
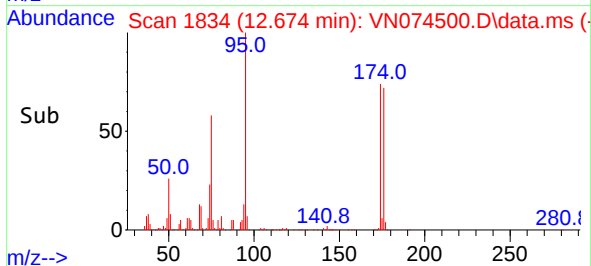
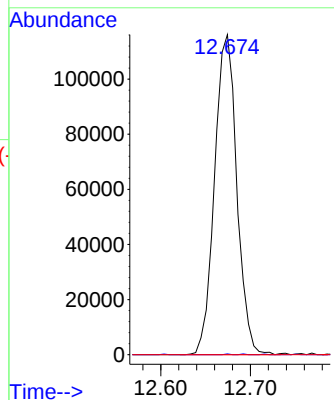
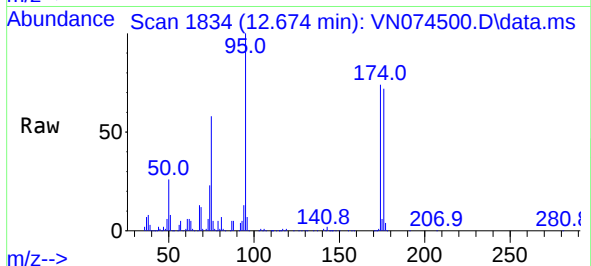




#81
trans-1,4-Dichloro-2-butene
Concen: 47.838 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

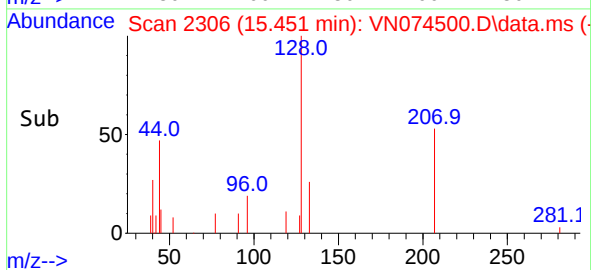
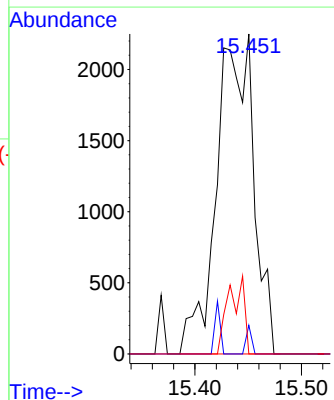
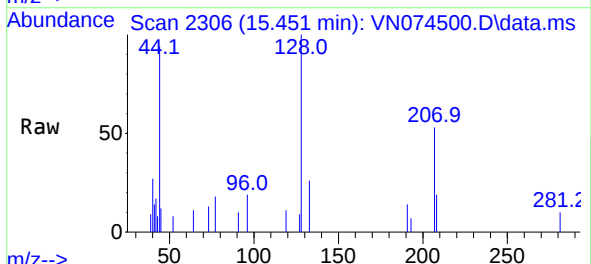
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

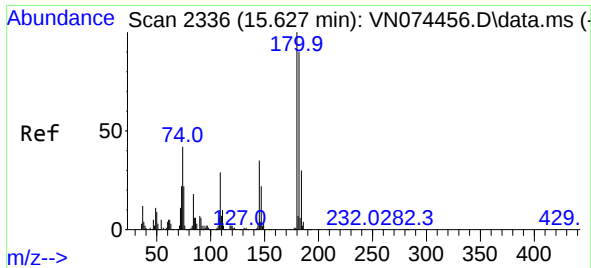
Tgt Ion: 75 Resp: 199727
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.798 ug/l
RT: 15.451 min Scan# 2306
Delta R.T. 0.012 min
Lab File: VN074500.D
Acq: 16 Sep 2022 10:55

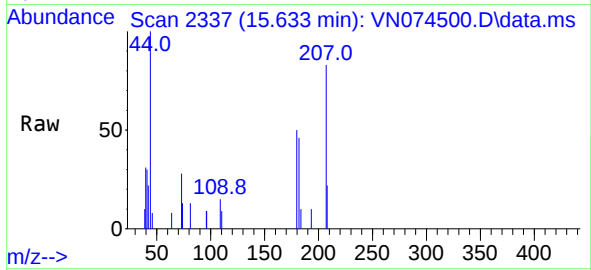
Tgt Ion:128 Resp: 5422
Ion Ratio Lower Upper
128 100
127 1.3 10.3 15.5#
129 10.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.540 ug/l
 RT: 15.633 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN074500.D
 Acq: 16 Sep 2022 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL01



Tgt Ion:180 Resp: 1256
 Ion Ratio Lower Upper
 180 100
 182 81.2 47.8 143.3
 145 0.0 15.5 46.5#

