

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074492.D
 Acq On : 16 Sep 2022 04:29
 Operator : JC\MD
 Sample : N4630-25
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-17-4-5-GR

Quant Time: Sep 16 07:02:00 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)

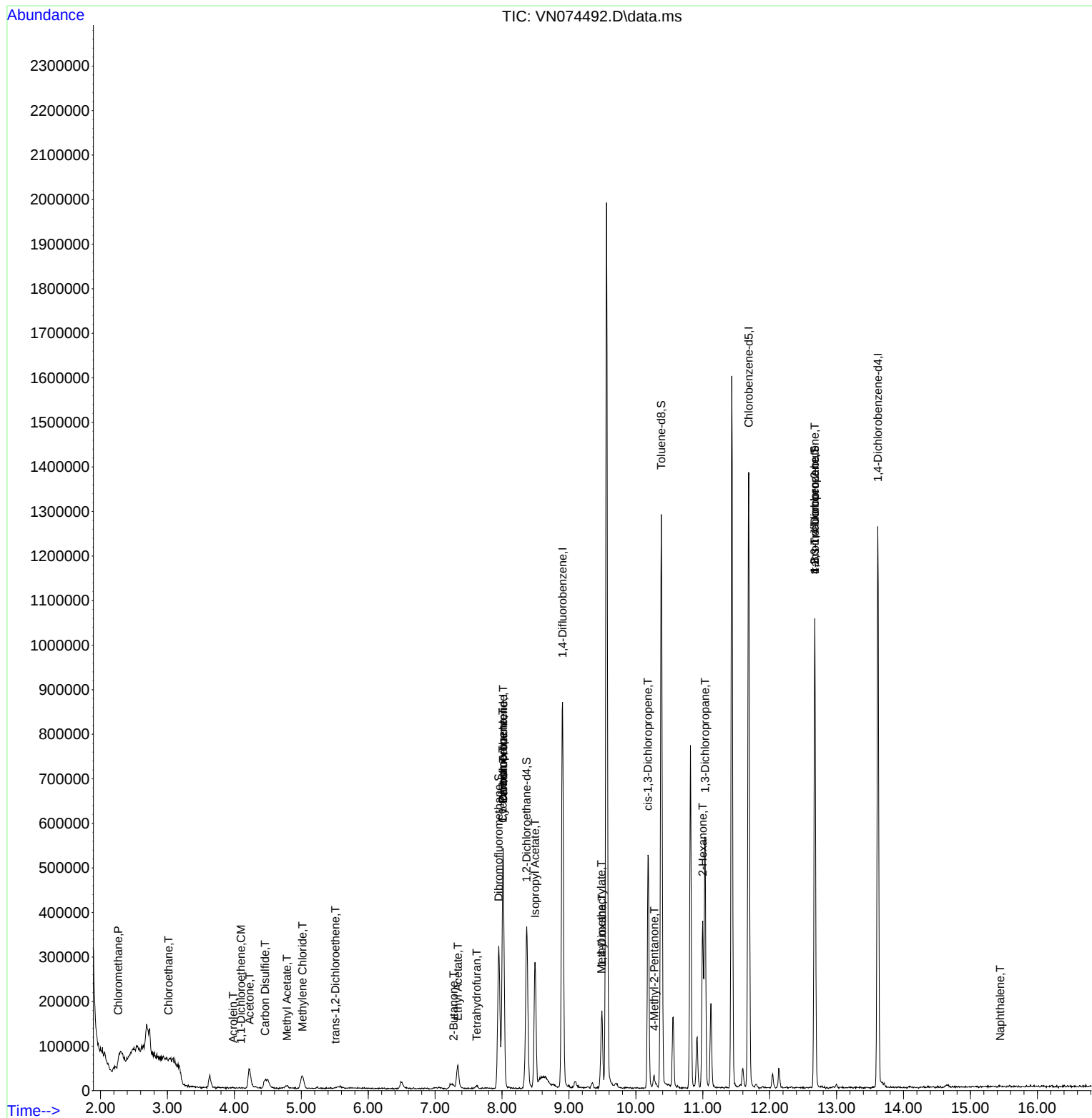
Internal Standards						
1) Pentafluorobenzene	8.016	168	370139	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	717339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	713879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	301995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	270812	43.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.240%
35) Dibromofluoromethane	7.951	113	221490	46.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	10.381	98	827457	44.901	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.800%
62) 4-Bromofluorobenzene	12.674	95	326344	51.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.400%
Target Compounds						
						Qvalue
3) Chloromethane	2.263	50	3362	0.752	ug/l	93
6) Chloroethane	3.016	64	3753	0.758	ug/l	# 55
12) 1,1-Dichloroethene	4.099	96	93	0.703	ug/l	# 1
13) Acrolein	3.981	56	372	0.498	ug/l	# 1
16) Acetone	4.228	43	77718	19.339	ug/l	# 85
17) Carbon Disulfide	4.457	76	37005	2.768	ug/l	97
18) Methyl Acetate	4.787	43	13417	1.075	ug/l	# 76
20) Methylene Chloride	5.016	84	23106	3.794	ug/l	# 84
21) trans-1,2-Dichloroethene	5.510	96	220	0.470	ug/l	# 1
25) 2-Butanone	7.275	43	14300	2.143	ug/l	# 84
28) Bromochloromethane	7.516	49	53	Below Cal	#	8
29) Tetrahydrofuran	7.622	42	5134	1.170	ug/l	# 87
31) Cyclohexane	8.010	56	11989	1.075	ug/l	# 40
36) 1,1-Dichloropropene	8.010	75	37168	4.407	ug/l	# 47
37) Ethyl Acetate	7.340	43	82705	6.349	ug/l	# 95
38) Carbon Tetrachloride	8.016	117	40112	5.151	ug/l	# 17
43) Isopropyl Acetate	8.492	43	338691	16.600	ug/l	# 85
48) Methyl methacrylate	9.486	41	12457	1.377	ug/l	# 37
49) 1,4-Dioxane	9.492	88	303	1.742	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.275	43	26528	1.991	ug/l	# 77
54) cis-1,3-Dichloropropene	10.181	75	87757	7.994	ug/l	# 72
57) 1,3-Dichloropropane	11.033	76	4615	0.406	ug/l	# 42
59) 2-Hexanone	10.998	43	389935	38.337	ug/l	# 21
76) 1,2,3-Trichloropropane	12.674	75	186449	20.058	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.674	75	186449	43.291	ug/l	# 11
95) Naphthalene	15.445	128	3056	1.703	ug/l	# 69

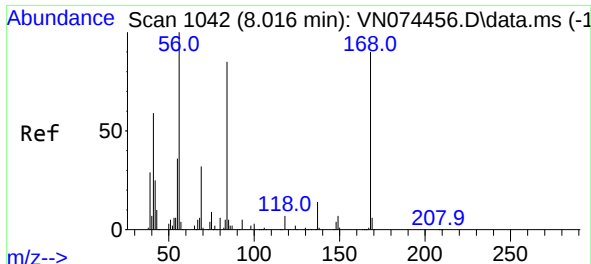
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
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Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

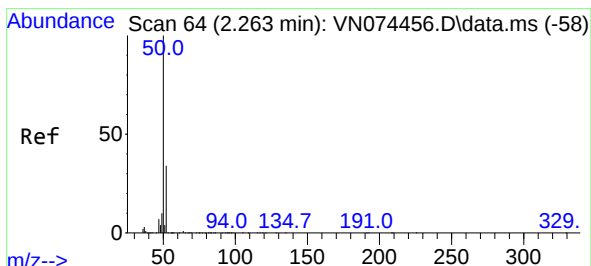
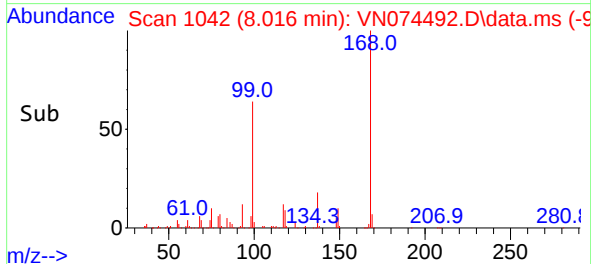
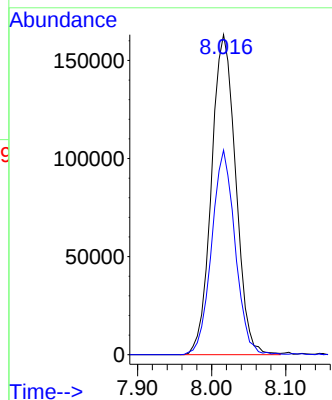
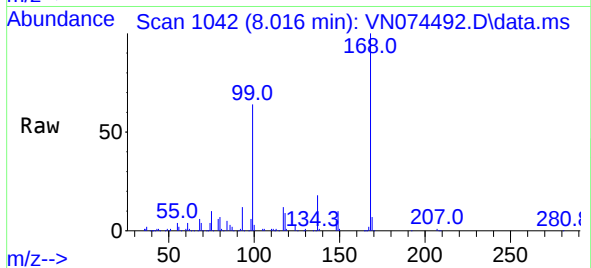




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

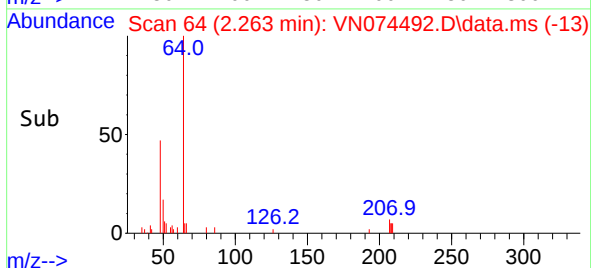
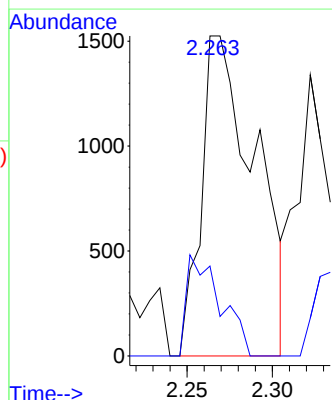
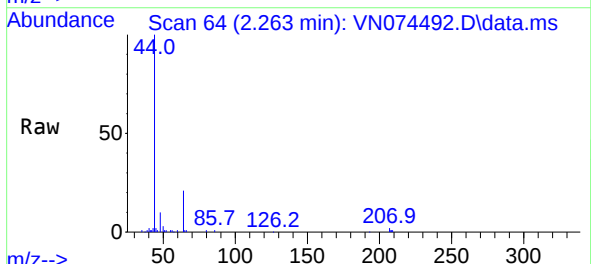
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

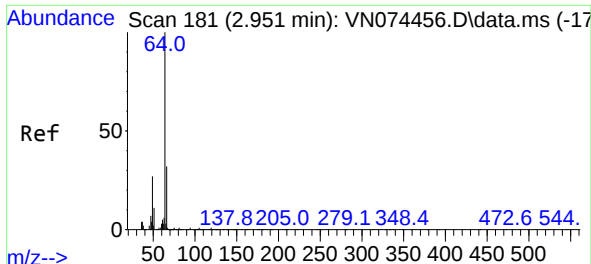
Tgt Ion:168 Resp: 370139
Ion Ratio Lower Upper
168 100
99 63.9 42.3 63.5#



#3
Chloromethane
Concen: 0.752 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 50 Resp: 3362
Ion Ratio Lower Upper
50 100
52 28.1 25.7 38.5

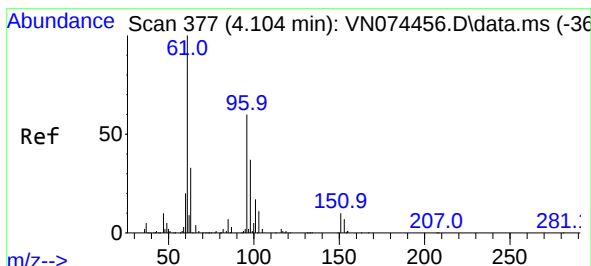
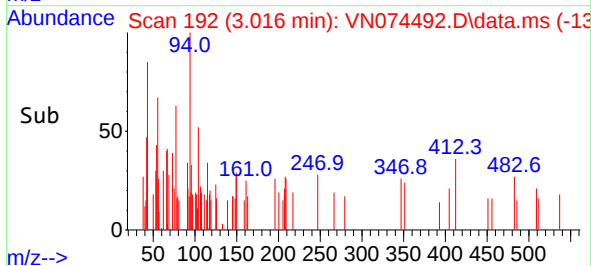
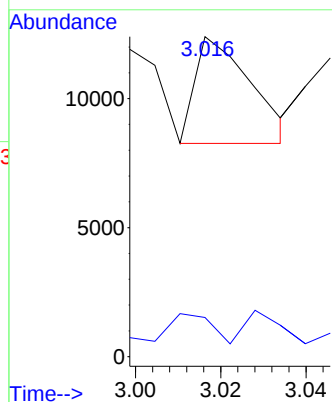
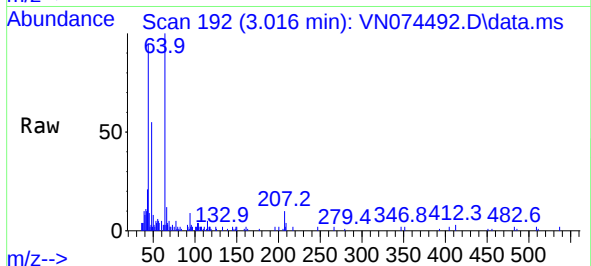




#6
Chloroethane
Concen: 0.758 ug/l
RT: 3.016 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

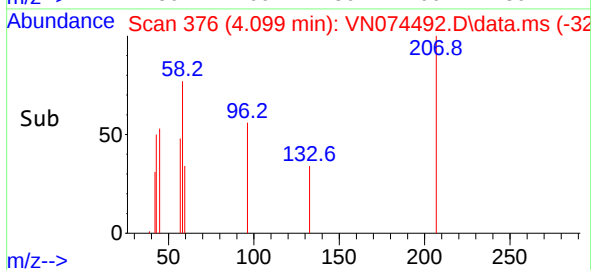
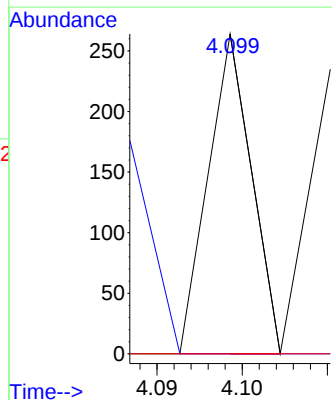
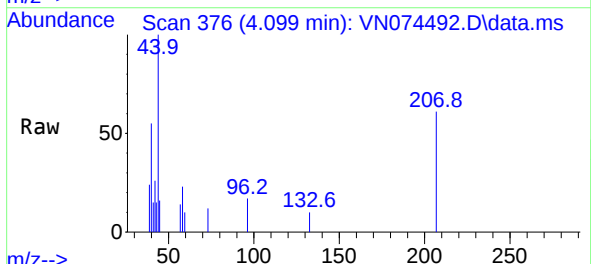
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

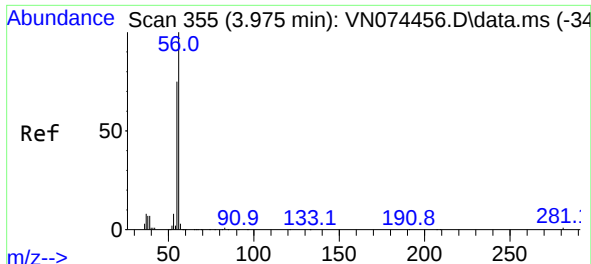
Tgt Ion: 64 Resp: 3753
Ion Ratio Lower Upper
64 100
66 7.3 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.703 ug/l
RT: 4.099 min Scan# 376
Delta R.T. -0.005 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 96 Resp: 93
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

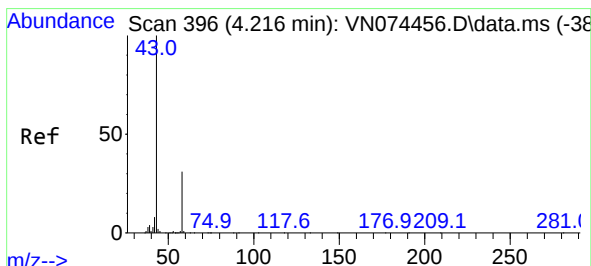
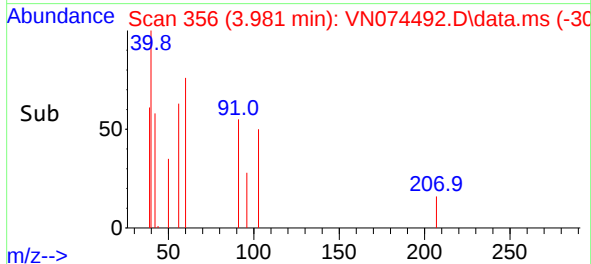
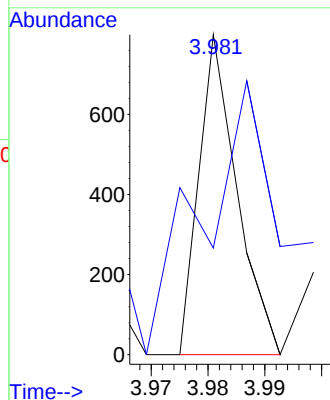
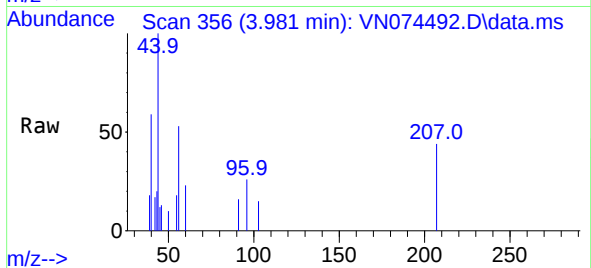




#13
Acrolein
Concen: 0.498 ug/l
RT: 3.981 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

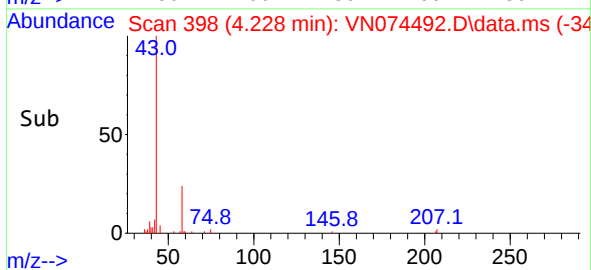
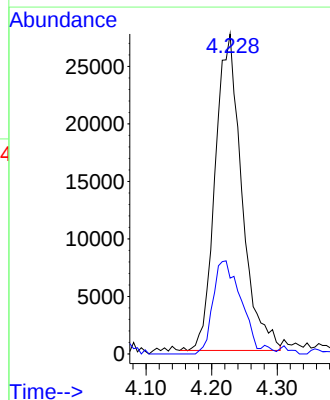
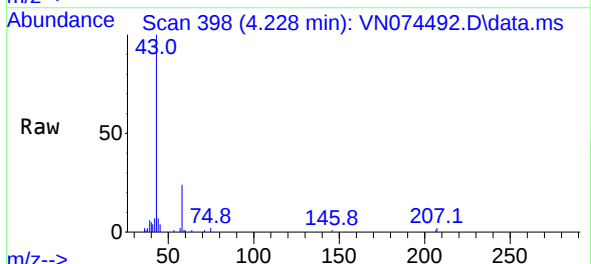
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

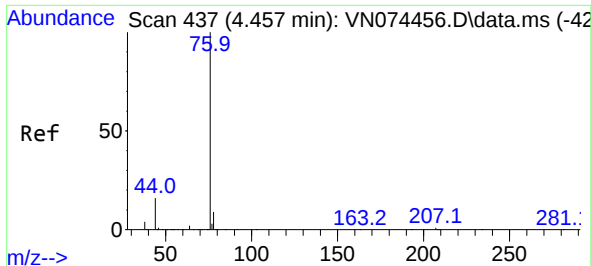
Tgt Ion: 56 Resp: 372
Ion Ratio Lower Upper
56 100
55 213.4 54.8 82.2#



#16
Acetone
Concen: 19.339 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 43 Resp: 77718
Ion Ratio Lower Upper
43 100
58 24.0 26.0 39.0#

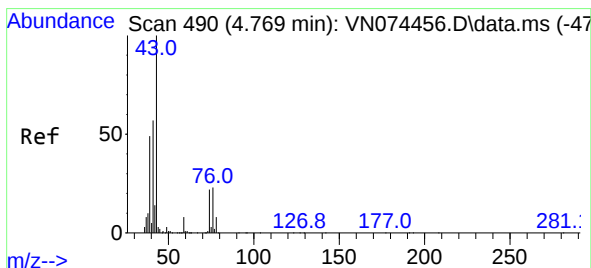
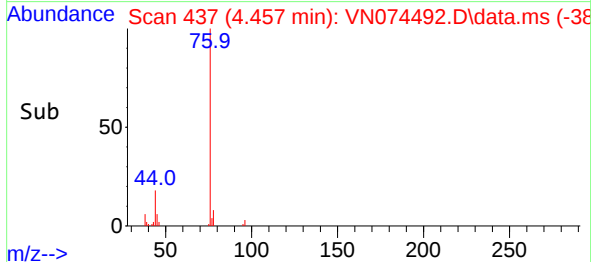
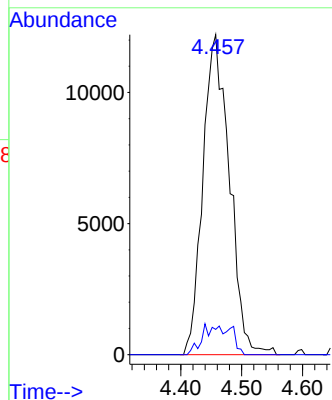
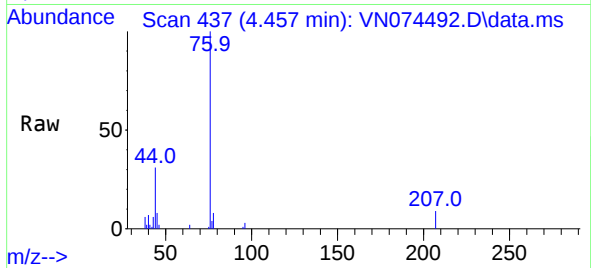




#17
Carbon Disulfide
Concen: 2.768 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

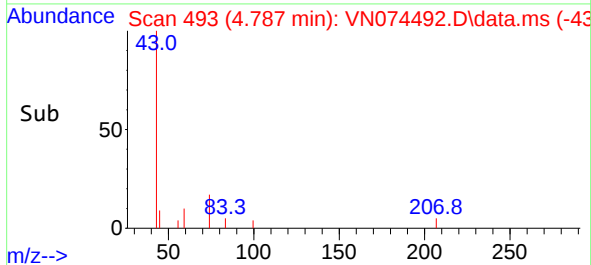
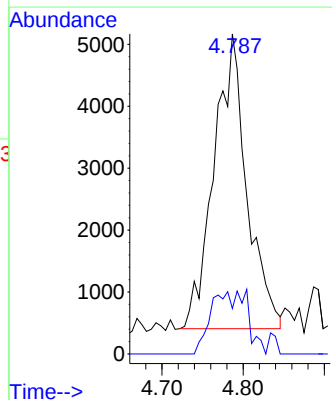
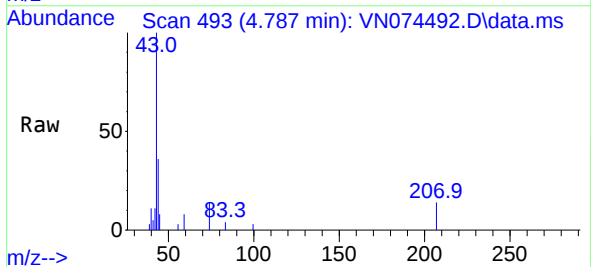
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

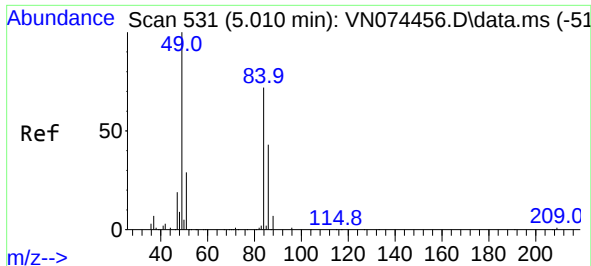
Tgt Ion: 76 Resp: 37005
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



#18
Methyl Acetate
Concen: 1.075 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.018 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

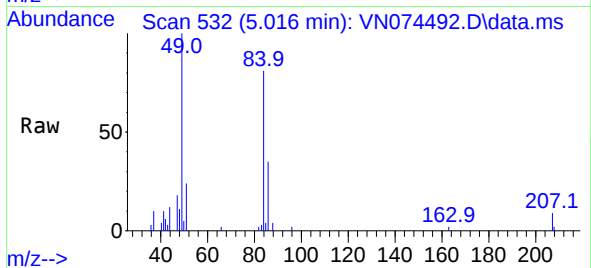
Tgt Ion: 43 Resp: 13417
Ion Ratio Lower Upper
43 100
74 14.4 21.6 32.4#



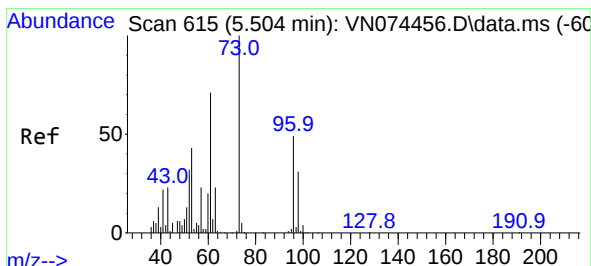
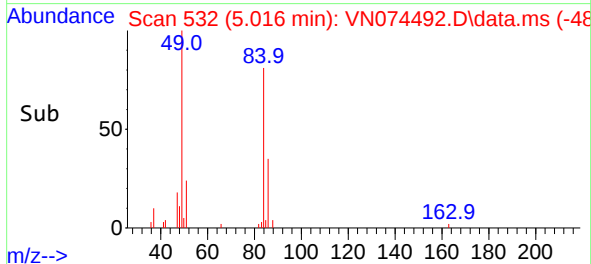
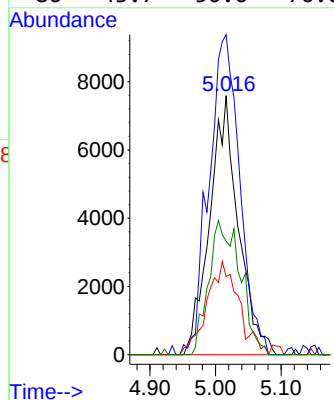


#20
Methylene Chloride
Concen: 3.794 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Instrument :
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ClientSampleId :
WC-17-4-5-GR

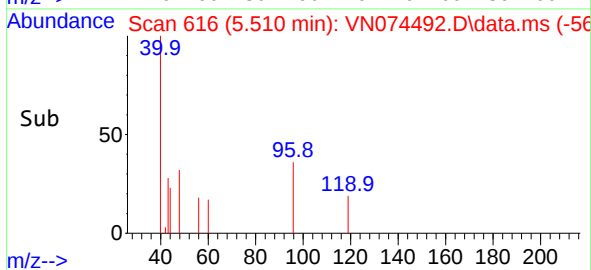
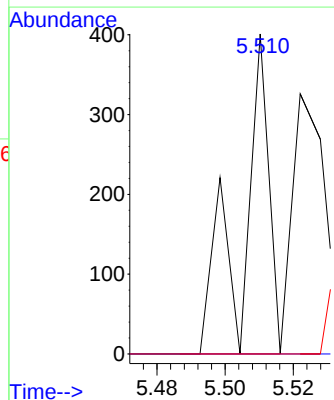
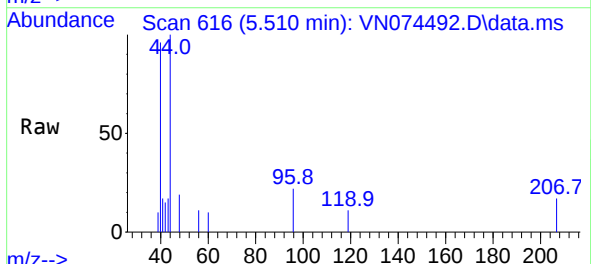


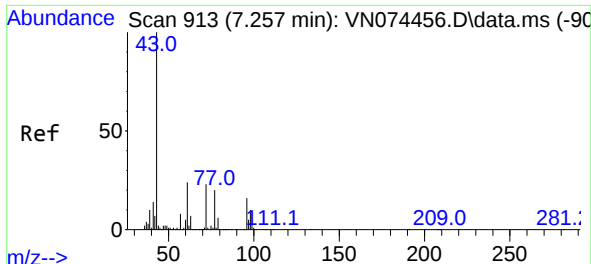
Tgt Ion: 84 Resp: 23106
Ion Ratio Lower Upper
84 100
49 123.6 88.3 132.5
51 30.2 28.2 42.2
86 43.7 50.6 76.0#



#21
trans-1,2-Dichloroethene
Concen: 0.470 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 96 Resp: 220
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#

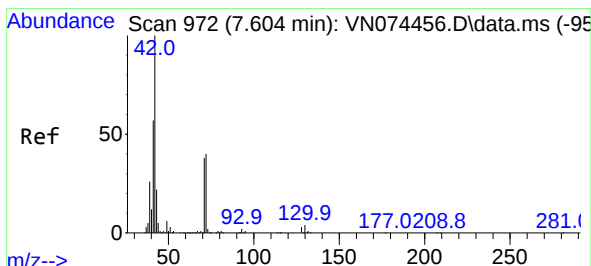
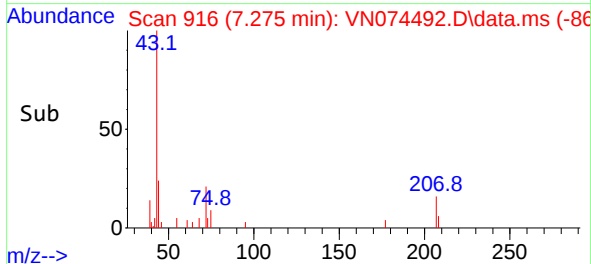
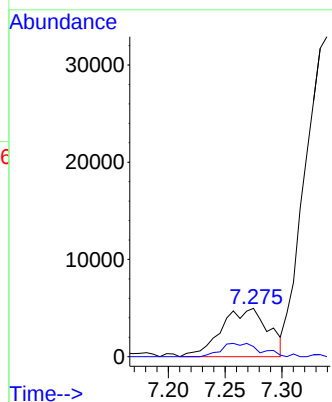
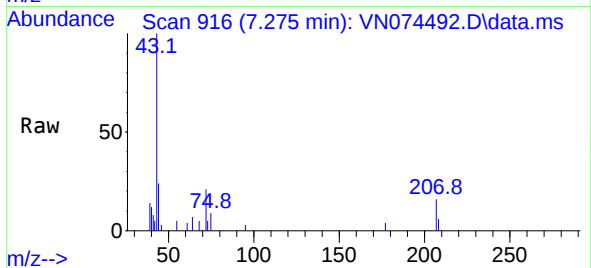




#25
2-Butanone
Concen: 2.143 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

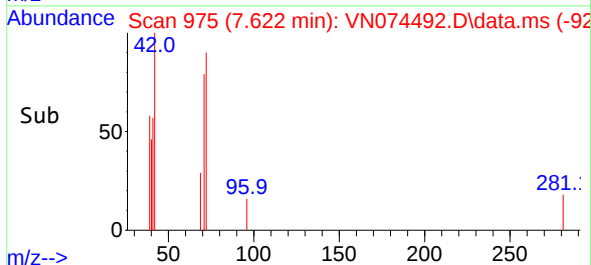
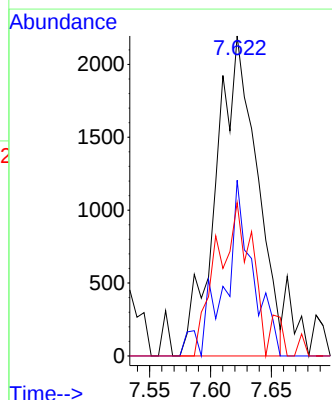
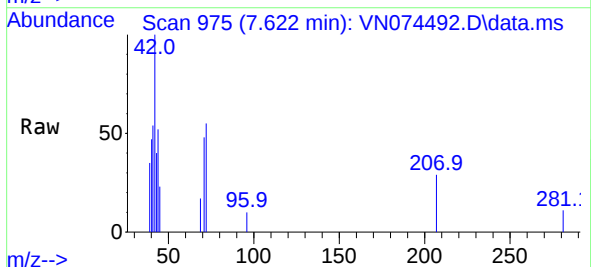
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WC-17-4-5-GR

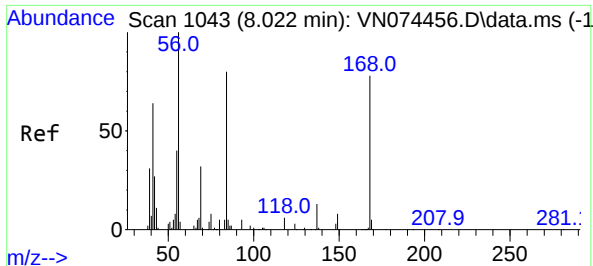
Tgt Ion: 43 Resp: 14300
Ion Ratio Lower Upper
43 100
72 20.7 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.170 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.018 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 42 Resp: 5134
Ion Ratio Lower Upper
42 100
72 38.2 39.7 59.5#
71 40.3 36.6 55.0

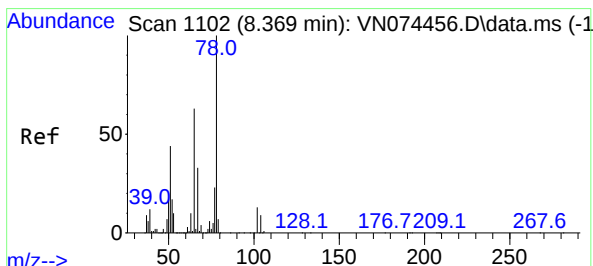
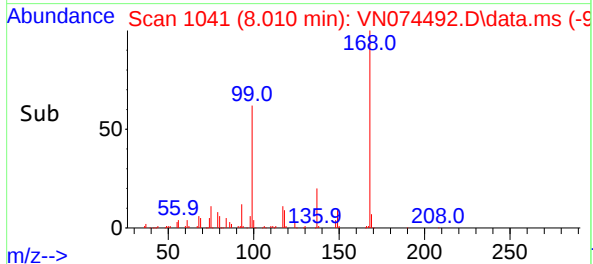
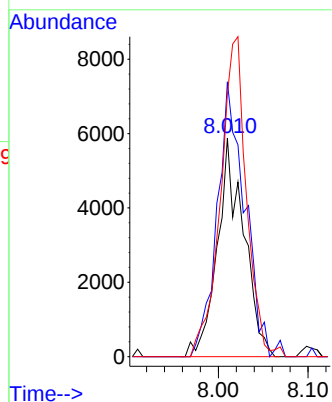
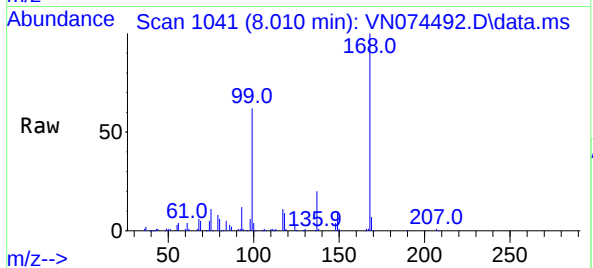




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

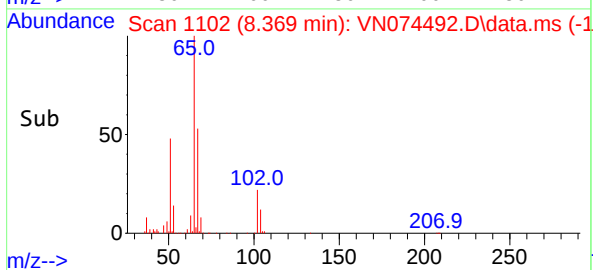
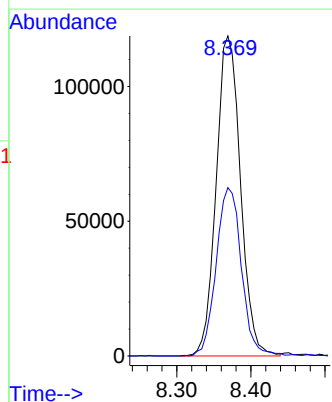
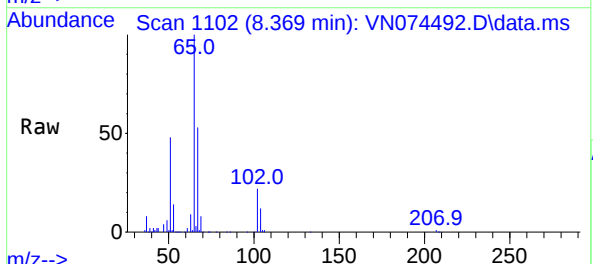
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

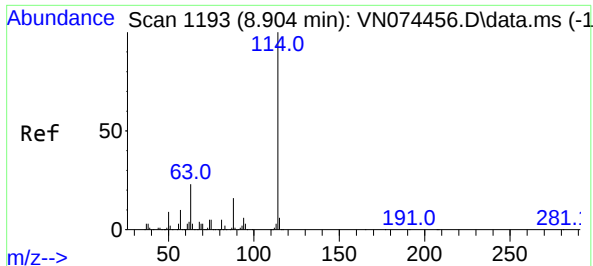
Tgt Ion: 56 Resp: 11989
Ion Ratio Lower Upper
56 100
69 125.7 27.8 41.8#
84 120.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.121 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 65 Resp: 270812
Ion Ratio Lower Upper
65 100
67 54.6 0.0 104.8



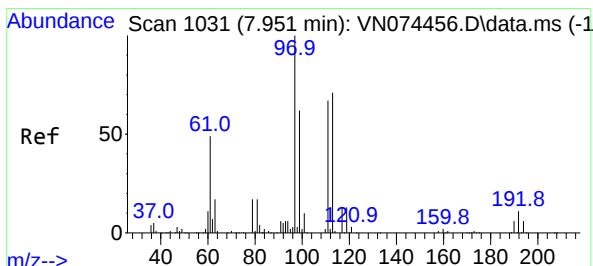
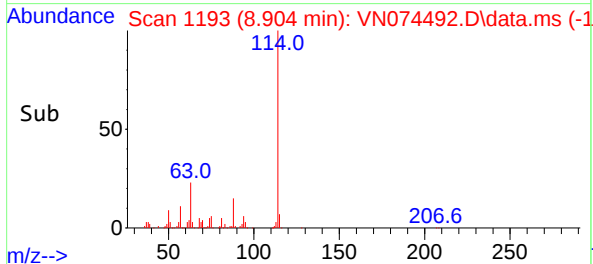
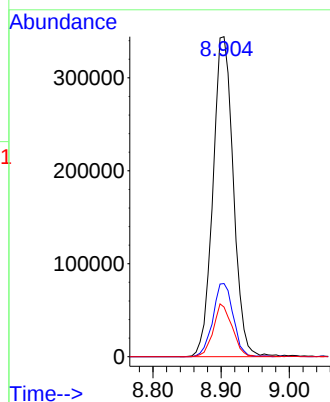
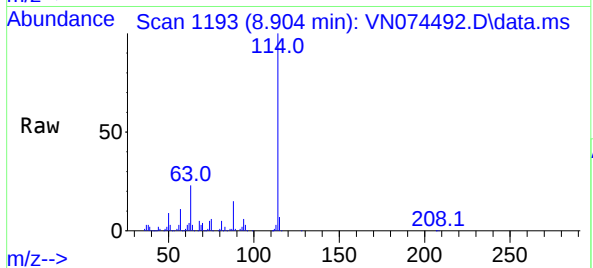


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

Tgt Ion:114 Resp: 717339

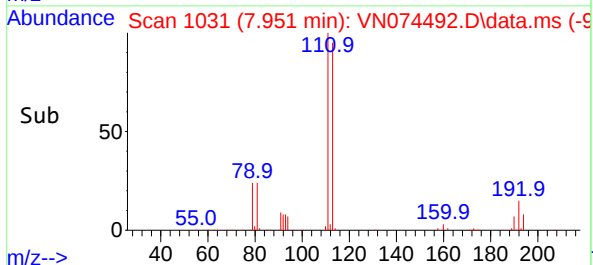
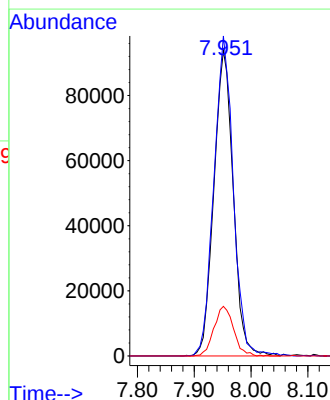
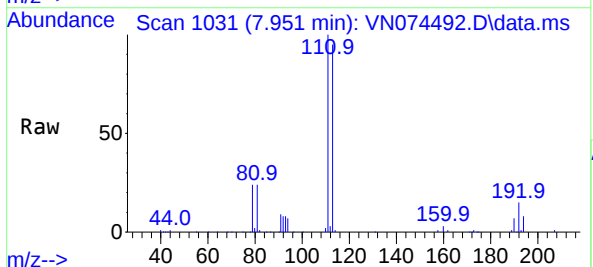
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	40.0
88	15.5	0.0	32.6

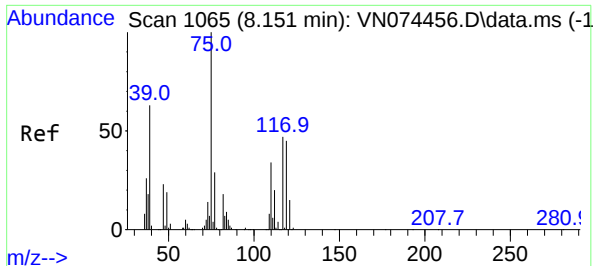


#35
Dibromofluoromethane
Concen: 46.481 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion:113 Resp: 221490

Ion	Ratio	Lower	Upper
113	100		
111	105.4	81.4	122.0
192	16.4	17.0	25.6

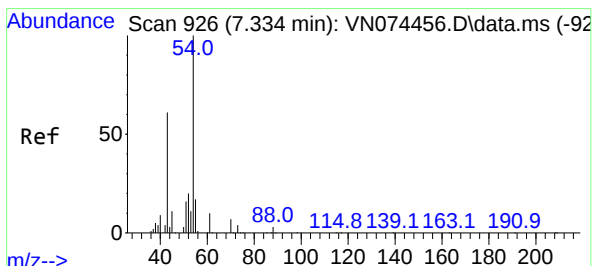
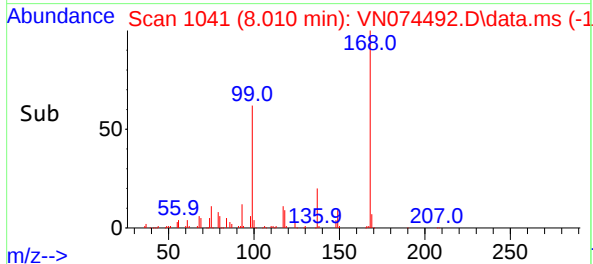
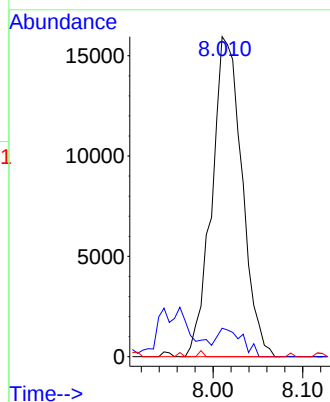
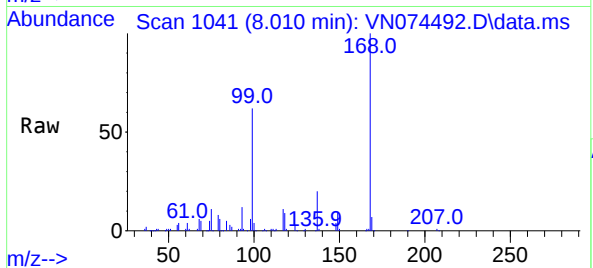




#36
1,1-Dichloropropene
Concen: 4.407 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

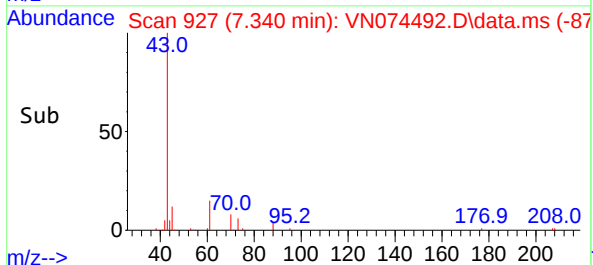
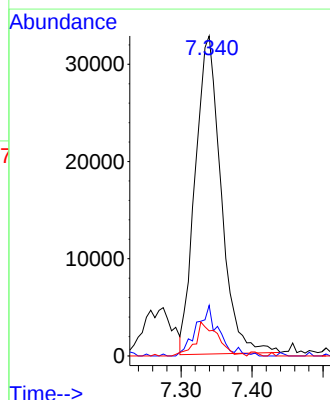
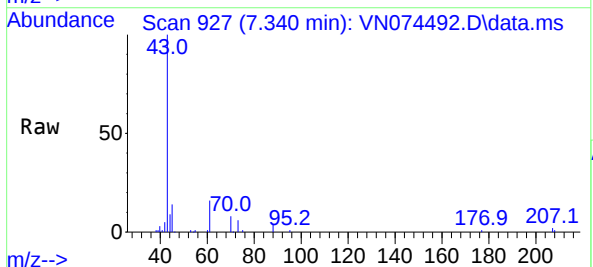
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

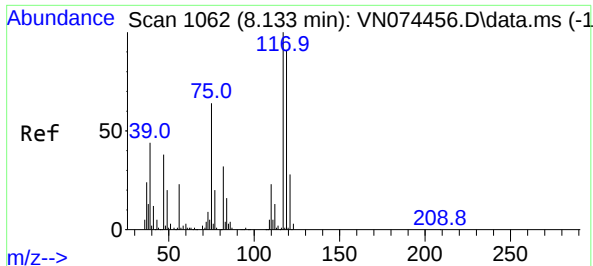
Tgt Ion: 75 Resp: 37168
Ion Ratio Lower Upper
75 100
110 7.4 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 6.349 ug/l
RT: 7.340 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 43 Resp: 82705
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 9.1 9.3 13.9#

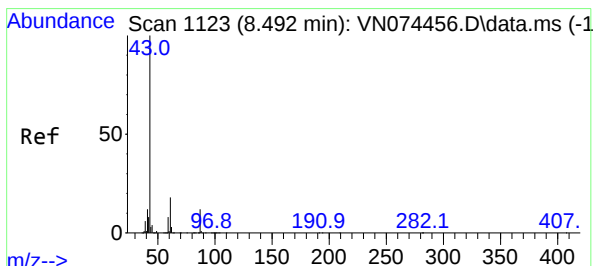
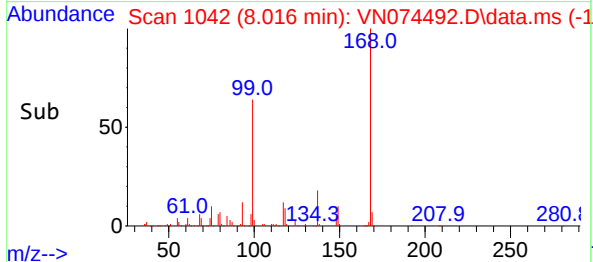
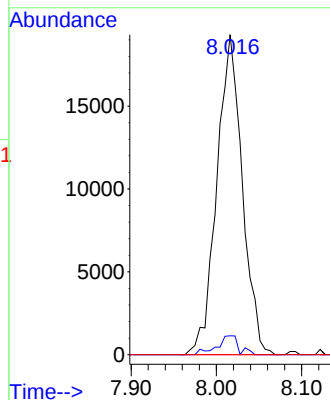
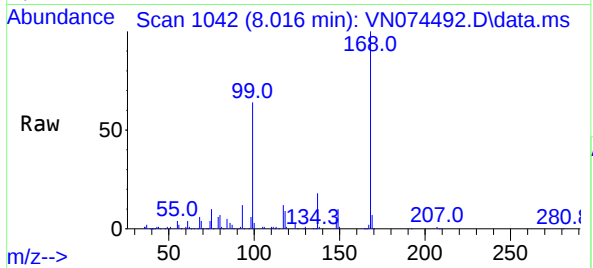




#38
Carbon Tetrachloride
Concen: 5.151 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.117 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

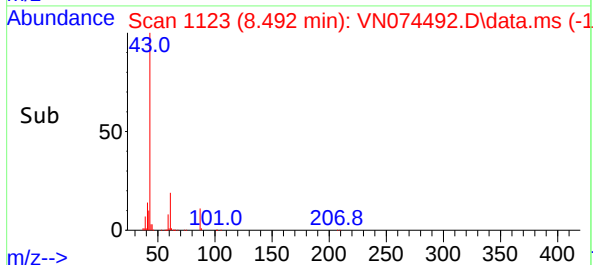
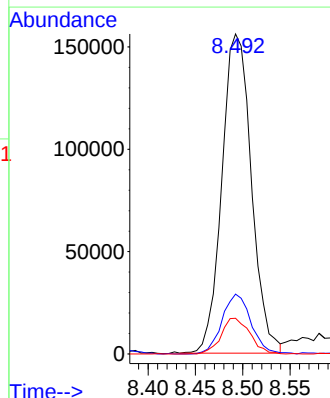
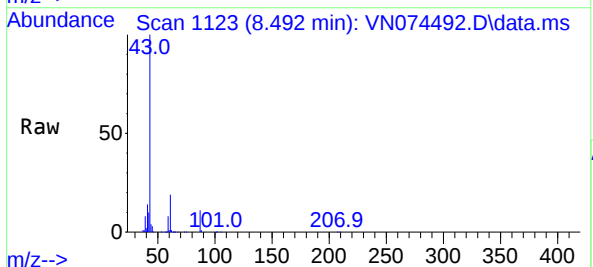
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

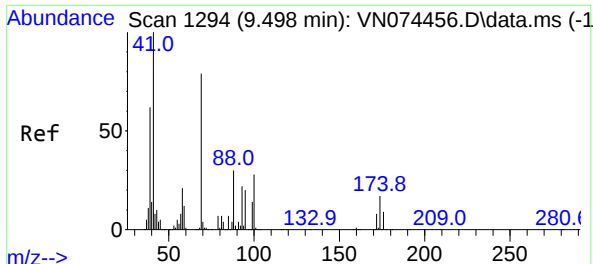
Tgt Ion:117 Resp: 40112
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 16.600 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 43 Resp: 338691
Ion Ratio Lower Upper
43 100
61 18.4 21.9 32.9#
87 10.9 12.0 18.0#





#48

Methyl methacrylate

Concen: 1.377 ug/l

RT: 9.486 min Scan# 1292

Delta R.T. -0.012 min

Lab File: VN074492.D

Acq: 16 Sep 2022 04:29

Instrument :

MSVOA_N

ClientSampleId :

WC-17-4-5-GR

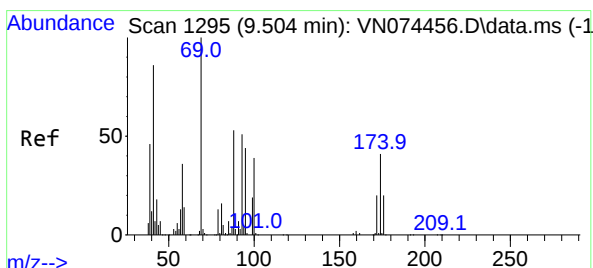
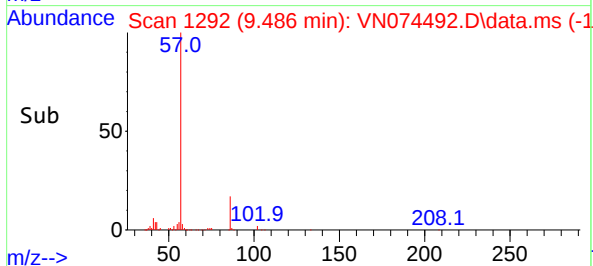
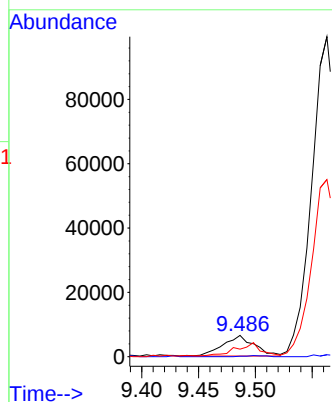
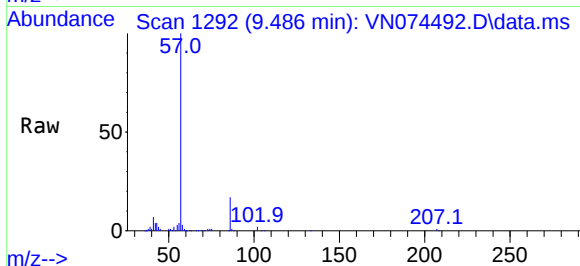
Tgt Ion: 41 Resp: 12457

Ion Ratio Lower Upper

41 100

69 3.3 74.7 112.1#

39 47.9 45.6 68.4



#49

1,4-Dioxane

Concen: 1.742 ug/l

RT: 9.492 min Scan# 1293

Delta R.T. -0.012 min

Lab File: VN074492.D

Acq: 16 Sep 2022 04:29

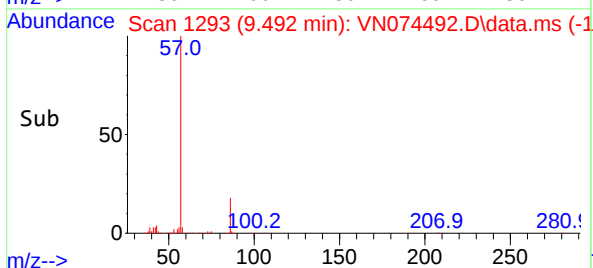
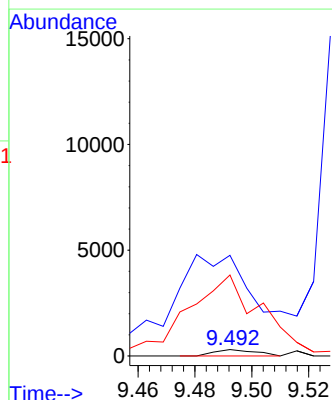
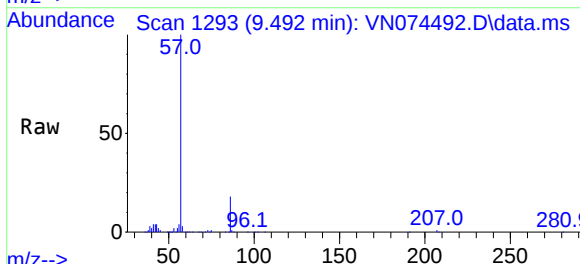
Tgt Ion: 88 Resp: 303

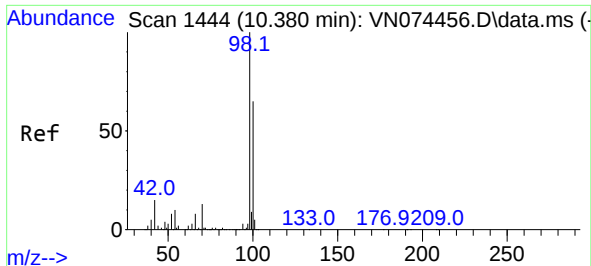
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 2313.2 54.2 81.4#

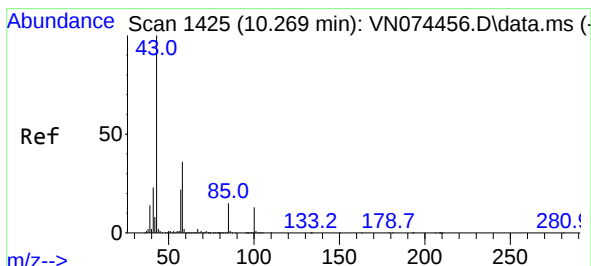
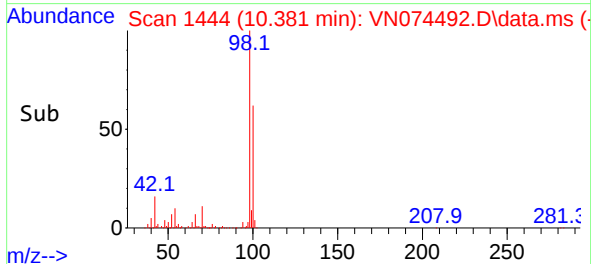
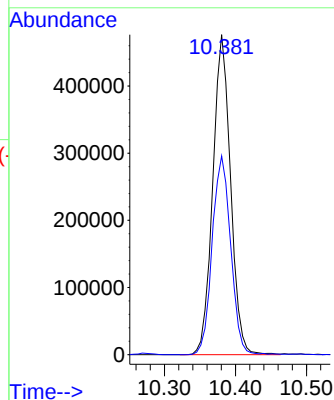
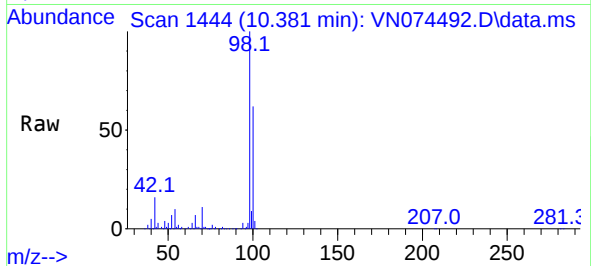




#50
Toluene-d8
Concen: 44.901 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

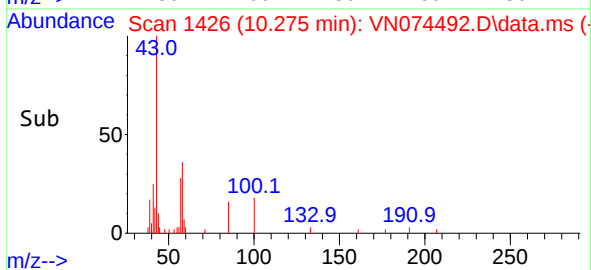
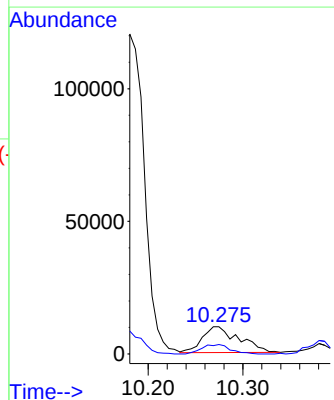
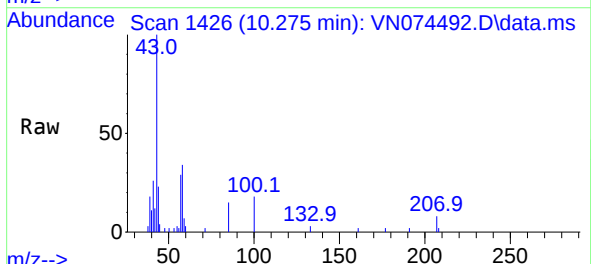
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

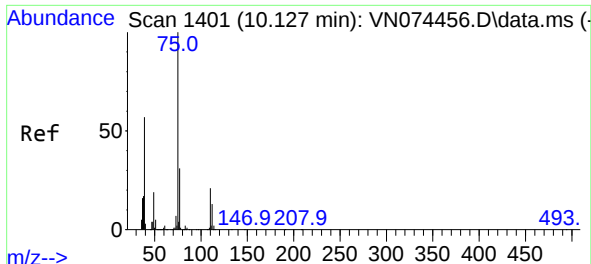
Tgt Ion: 98 Resp: 827457
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.991 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 43 Resp: 26528
Ion Ratio Lower Upper
43 100
58 27.8 34.1 51.1#

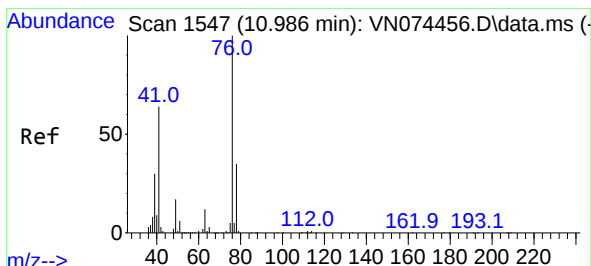
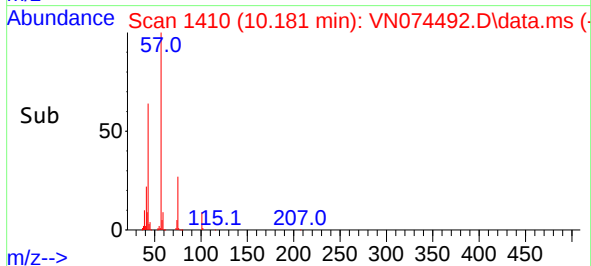
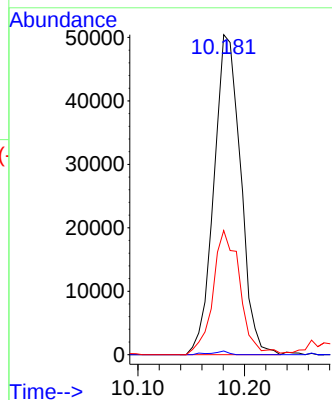
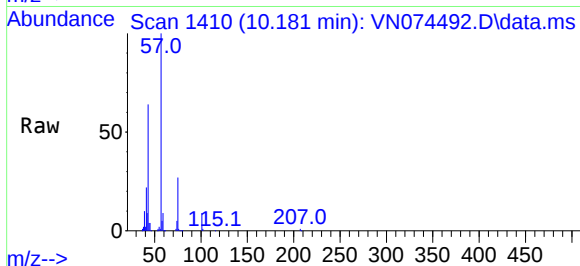




#54
cis-1,3-Dichloropropene
Concen: 7.994 ug/l
RT: 10.181 min Scan# 1410
Delta R.T. 0.054 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

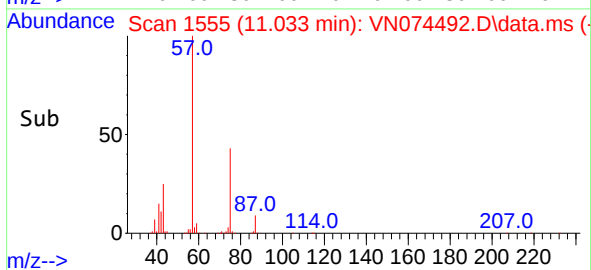
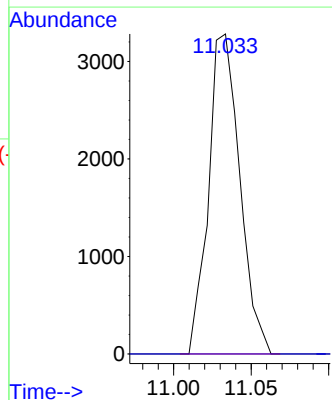
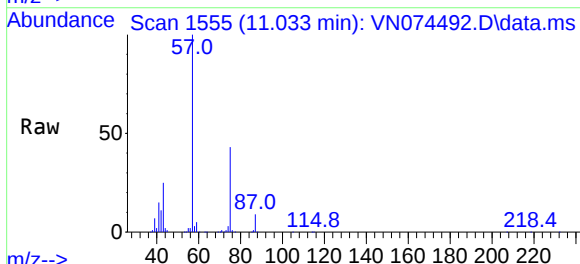
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

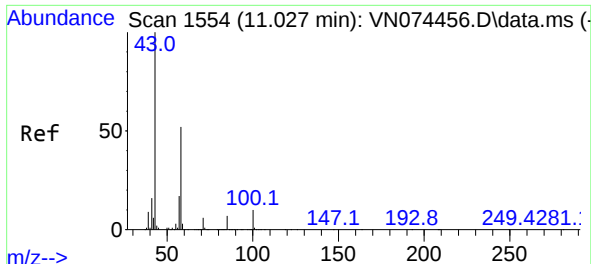
Tgt Ion: 75 Resp: 87757
Ion Ratio Lower Upper
75 100
77 1.2 25.2 37.8#
39 38.8 35.7 53.5



#57
1,3-Dichloropropane
Concen: 0.406 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.047 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion: 76 Resp: 4615
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#





#59

2-Hexanone

Concen: 38.337 ug/l

RT: 10.998 min Scan# 1

Delta R.T. -0.029 min

Lab File: VN074492.D

Acq: 16 Sep 2022 04:29

Instrument :

MSVOA_N

ClientSampleId :

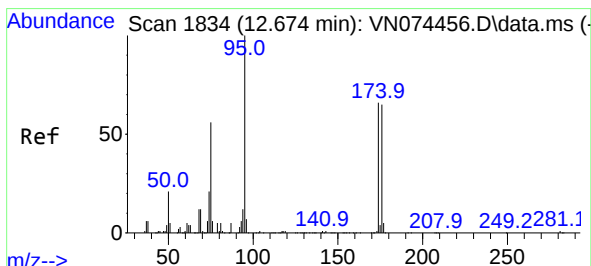
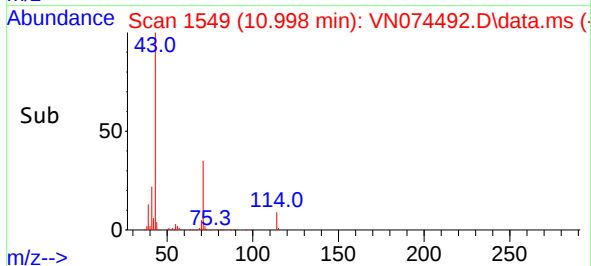
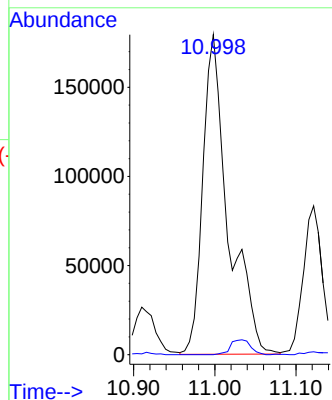
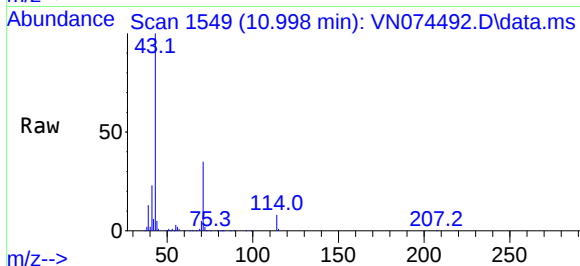
WC-17-4-5-GR

Tgt Ion: 43 Resp: 389935

Ion Ratio Lower Upper

43 100

58 0.0 29.7 89.1#



#62

4-Bromofluorobenzene

Concen: 51.704 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN074492.D

Acq: 16 Sep 2022 04:29

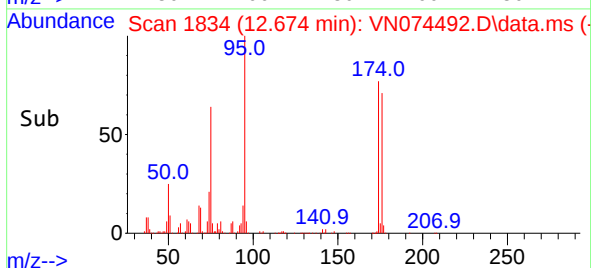
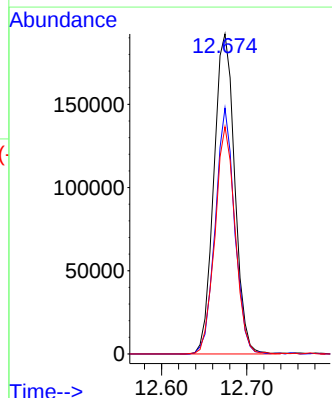
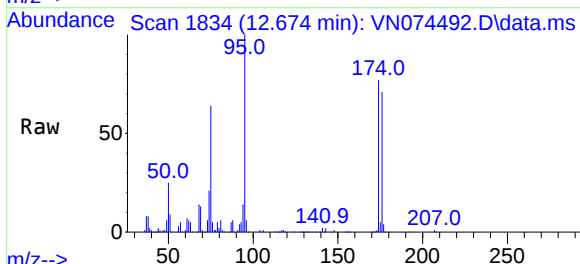
Tgt Ion: 95 Resp: 326344

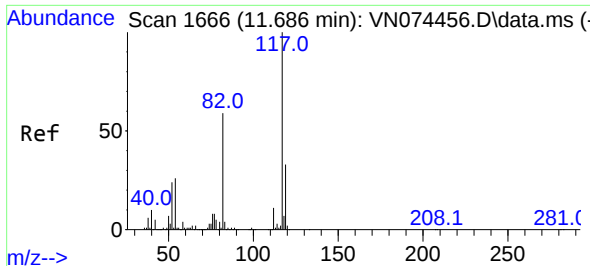
Ion Ratio Lower Upper

95 100

174 71.2 0.0 167.6

176 68.4 0.0 163.4

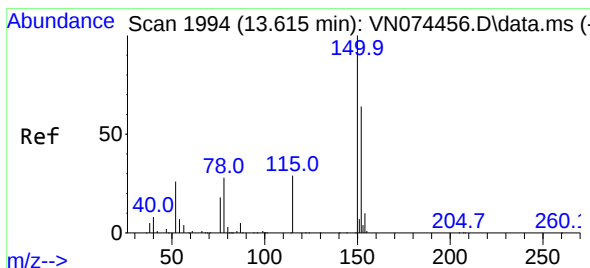
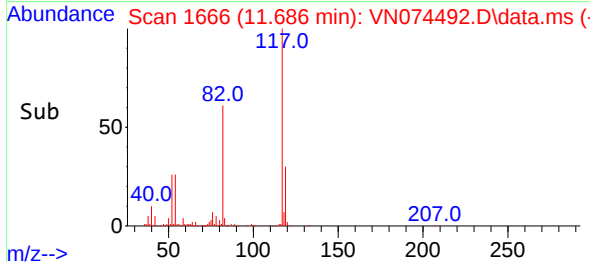
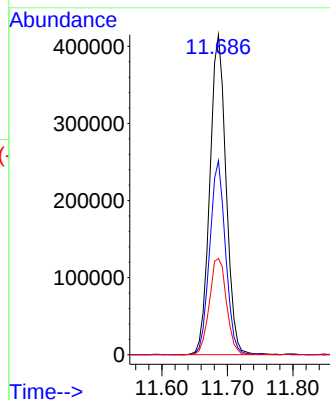
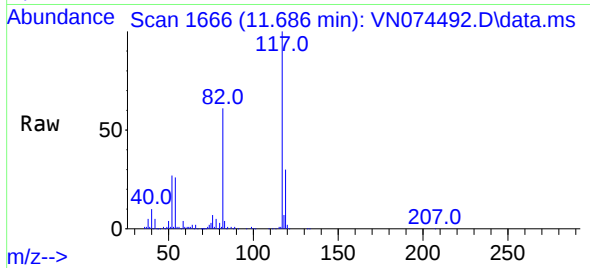




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

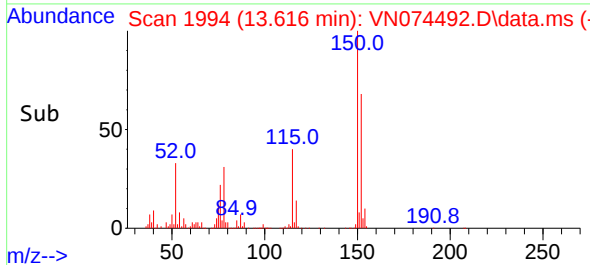
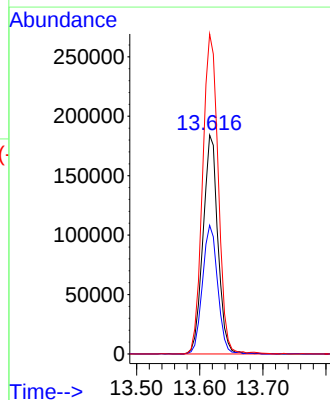
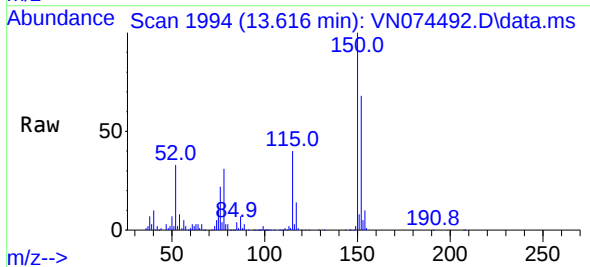
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

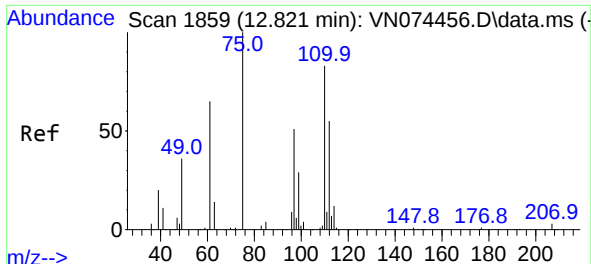
Tgt Ion:	117	Resp:	713879
Ion	Ratio	Lower	Upper
117	100		
82	60.6	44.2	66.2
119	30.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Tgt Ion:	152	Resp:	301995
Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.9	86.7
150	153.4	0.0	356.2

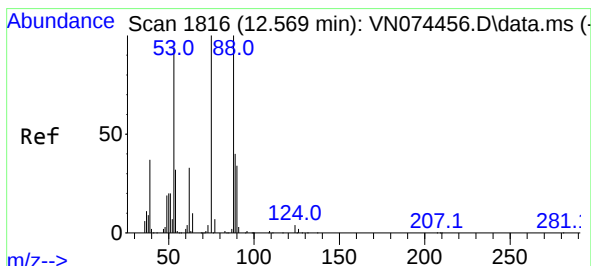
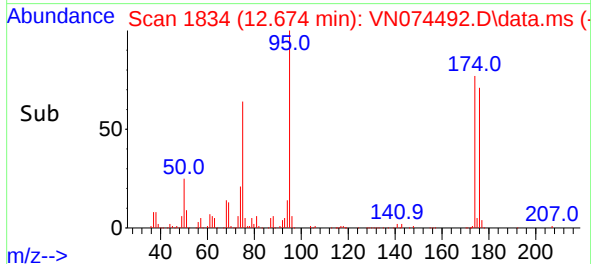
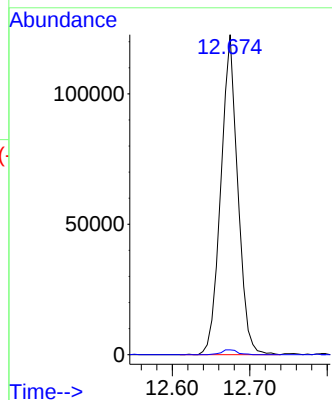
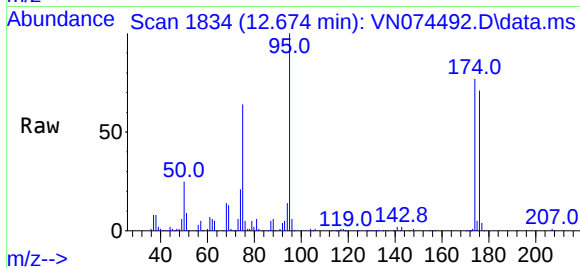




#76
1,2,3-Trichloropropane
Concen: 20.058 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

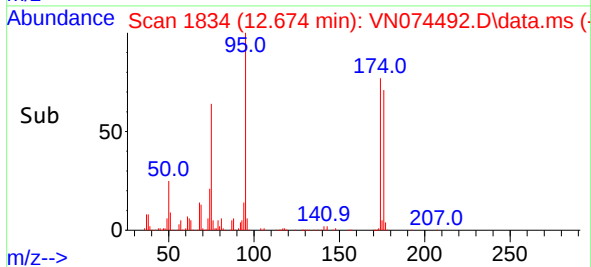
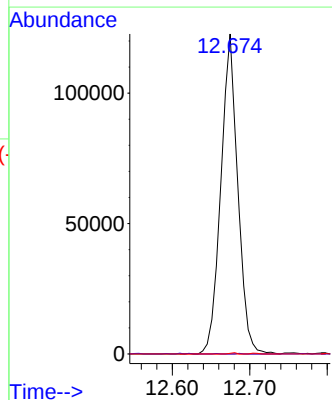
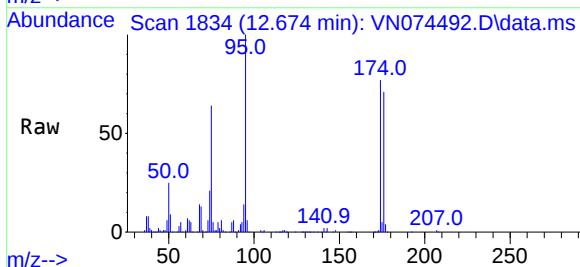
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR

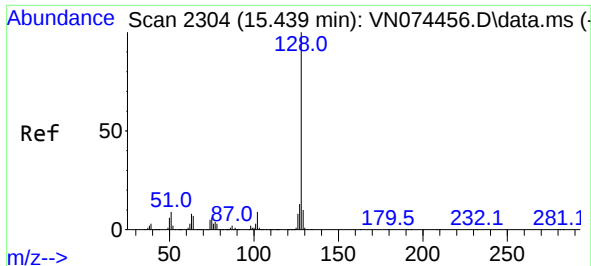
Tgt Ion: 75 Resp: 186449
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 43.291 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

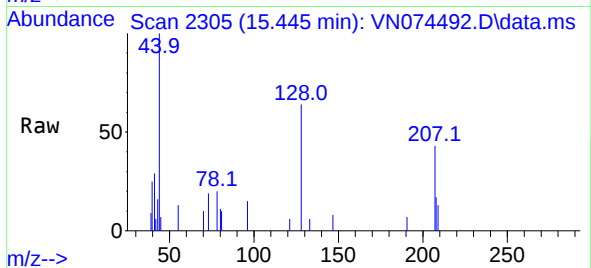
Tgt Ion: 75 Resp: 186449
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#95
Naphthalene
Concen: 1.703 ug/l
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074492.D
Acq: 16 Sep 2022 04:29

Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5-GR



Tgt Ion:128 Resp: 3056
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

