

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074505.D
 Acq On : 16 Sep 2022 13:08
 Operator : JC\MD
 Sample : N4626-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-EB-20220913RE

Quant Time: Sep 16 16:15:11 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)

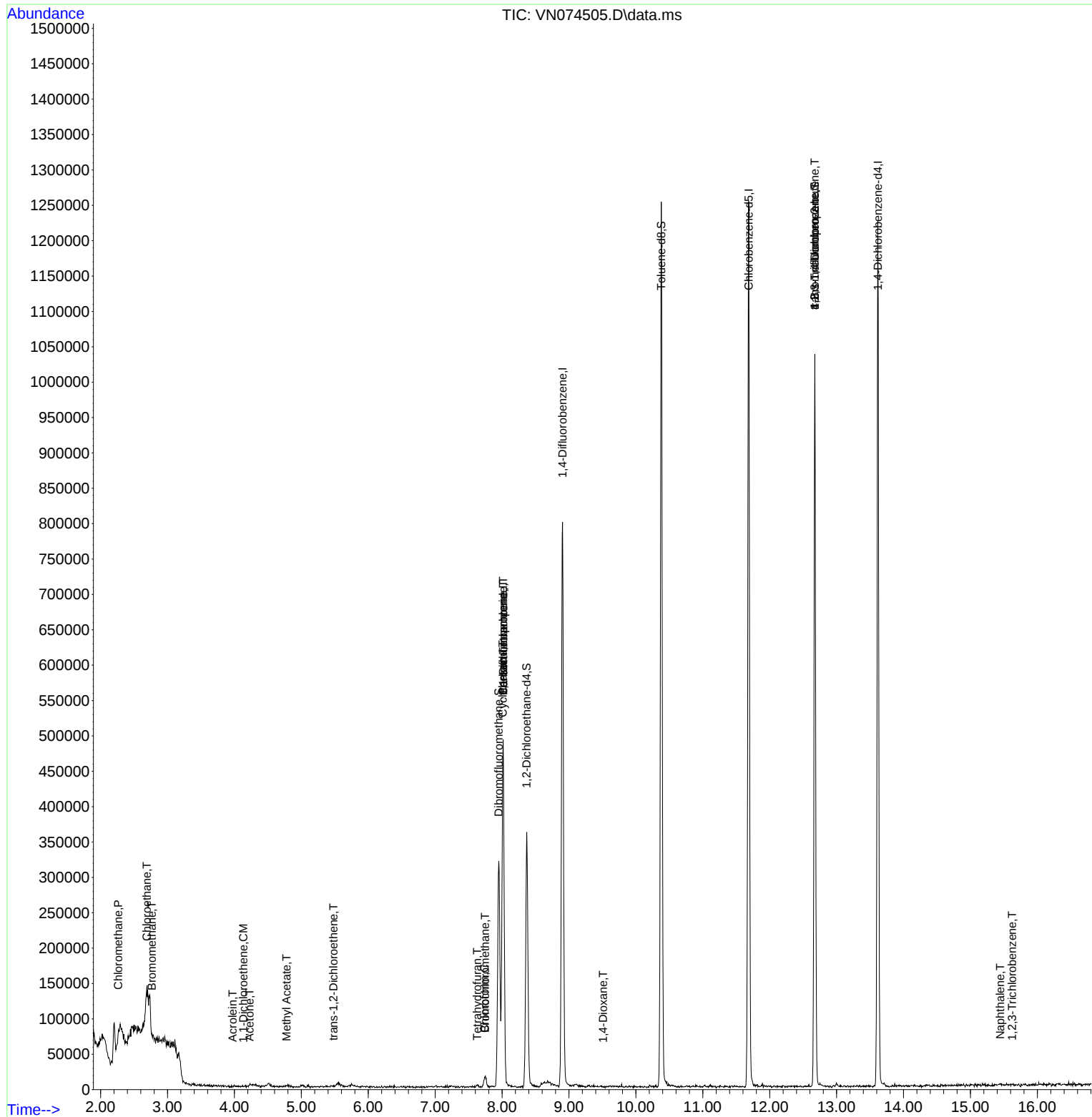
Internal Standards						
1) Pentafluorobenzene	8.016	168	346626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	665621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	657087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	291262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	273774	46.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.100%		
35) Dibromofluoromethane	7.951	113	228122	51.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.180%		
50) Toluene-d8	10.380	98	817926	47.832	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.660%		
62) 4-Bromofluorobenzene	12.674	95	320418	54.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.420%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	2302	0.619	ug/l #	84
5) Bromomethane	2.763	94	723	0.202	ug/l #	2
6) Chloroethane	2.693	64	17091	3.685	ug/l #	45
12) 1,1-Dichloroethene	4.134	96	57	0.697	ug/l #	1
13) Acrolein	3.975	56	523	0.748	ug/l	96
16) Acetone	4.228	43	2161	0.574	ug/l #	72
18) Methyl Acetate	4.781	43	3377	0.289	ug/l	96
21) trans-1,2-Dichloroethene	5.481	96	285	0.485	ug/l #	1
28) Bromochloromethane	7.745	49	1912	0.569	ug/l #	8
29) Tetrahydrofuran	7.628	42	1346	0.328	ug/l #	59
30) Chloroform	7.739	83	13960	1.382	ug/l	87
31) Cyclohexane	8.010	56	10740	1.029	ug/l #	53
36) 1,1-Dichloropropene	8.016	75	34708	4.435	ug/l #	47
38) Carbon Tetrachloride	8.016	117	36938	5.112	ug/l #	16
49) 1,4-Dioxane	9.510	88	68	0.421	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	186222	20.772	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	186222	44.831	ug/l #	11
95) Naphthalene	15.445	128	2278	1.677	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.621	180	218	1.372	ug/l #	41

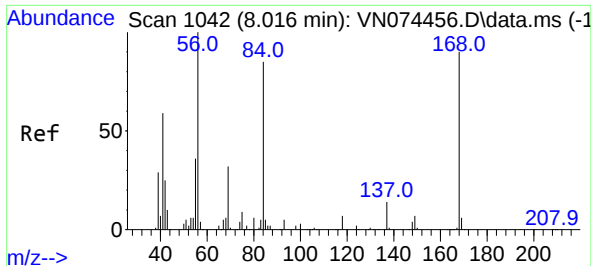
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
Data File : VN074505.D
Acq On : 16 Sep 2022 13:08
Operator : JC\MD
Sample : N4626-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20220913RE

Quant Time: Sep 16 16:15:11 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

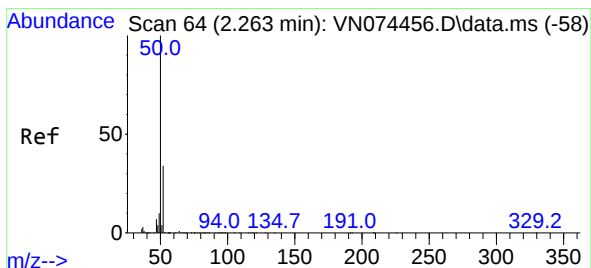
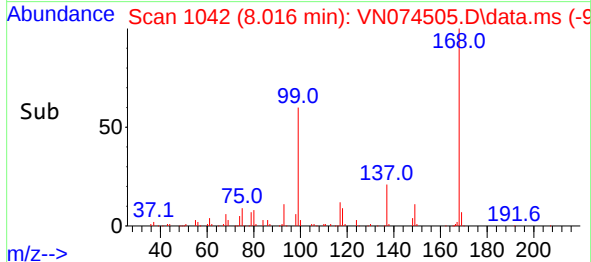
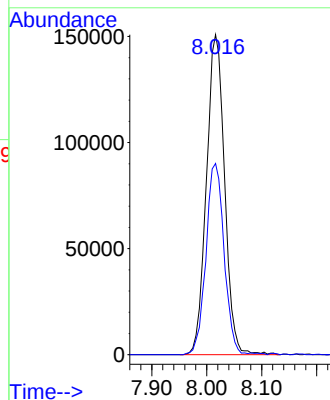
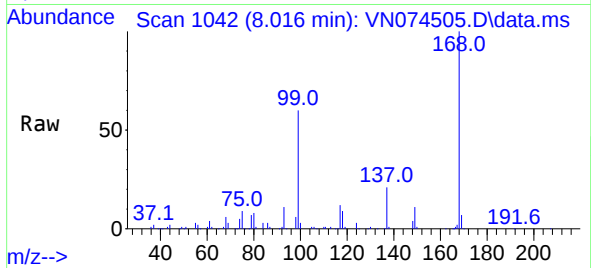




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

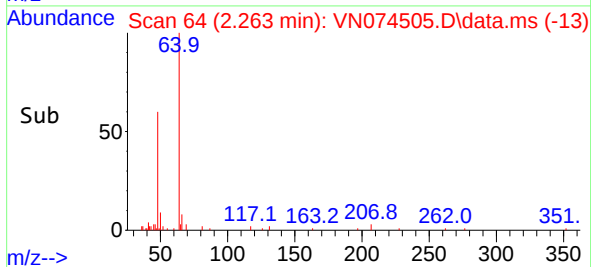
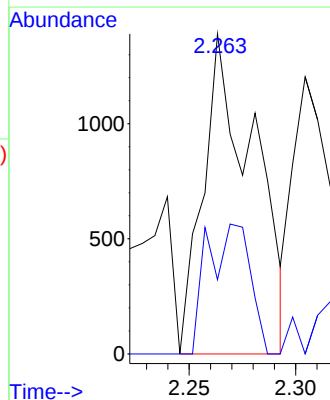
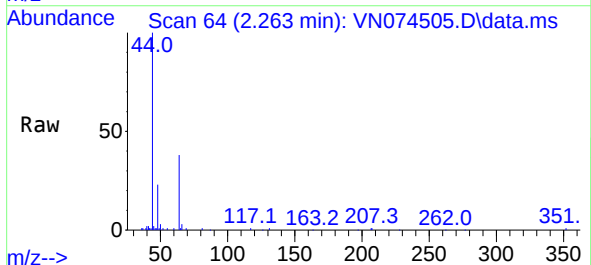
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20220913RE

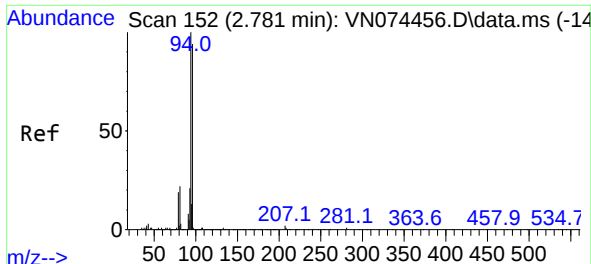
Tgt Ion:168 Resp: 346626
Ion Ratio Lower Upper
168 100
99 59.7 42.3 63.5



#3
Chloromethane
Concen: 0.619 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion: 50 Resp: 2302
Ion Ratio Lower Upper
50 100
52 23.2 25.7 38.5#

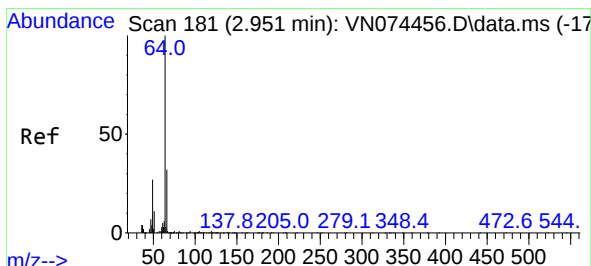
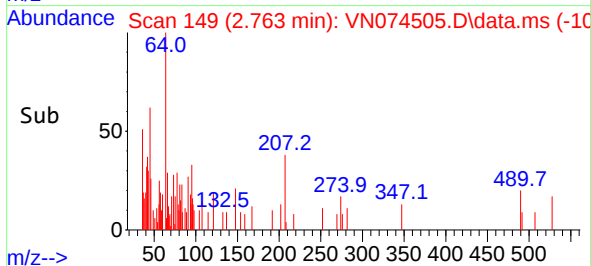
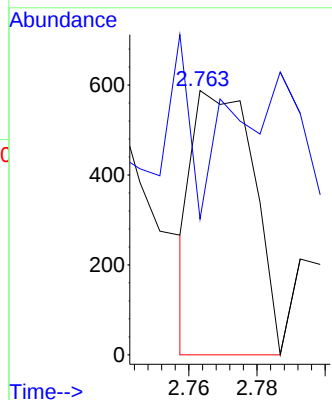
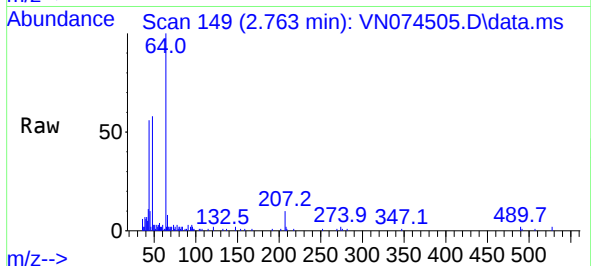




#5
Bromomethane
Concen: 0.202 ug/l
RT: 2.763 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

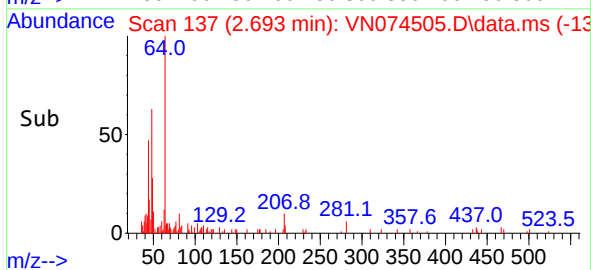
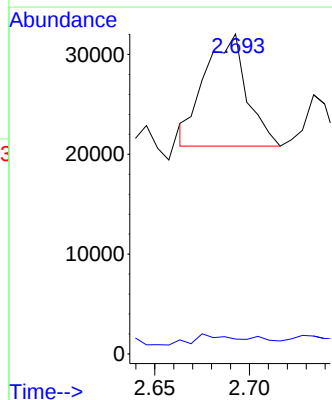
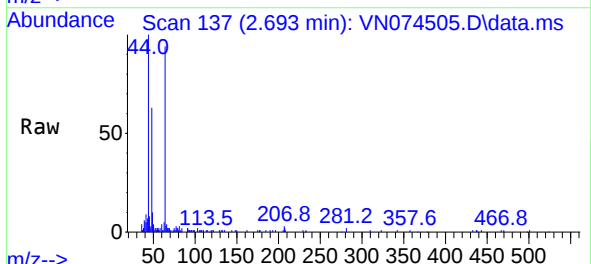
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20220913RE

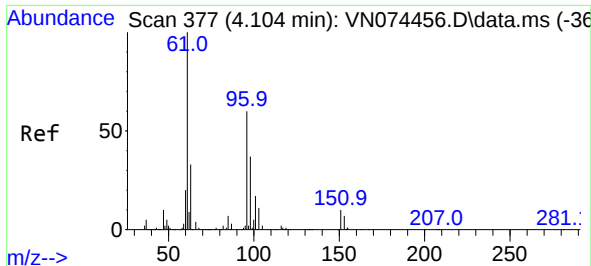
Tgt Ion: 94 Resp: 723
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 3.685 ug/l
RT: 2.693 min Scan# 137
Delta R.T. -0.258 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion: 64 Resp: 17091
Ion Ratio Lower Upper
64 100
66 1.6 26.2 39.4#

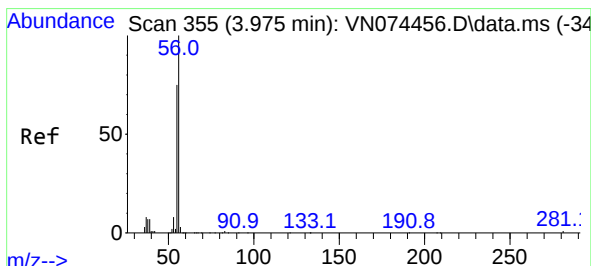
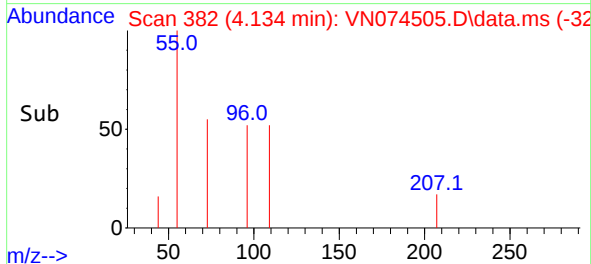
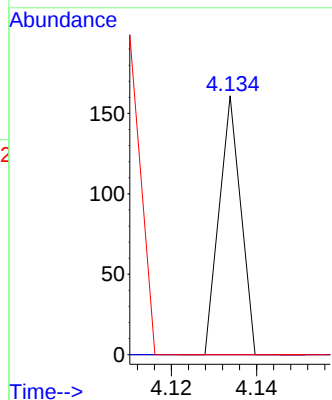
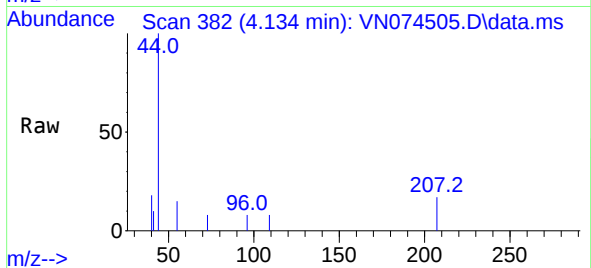




#12
1,1-Dichloroethene
Concen: 0.697 ug/l
RT: 4.134 min Scan# 31
Delta R.T. 0.030 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

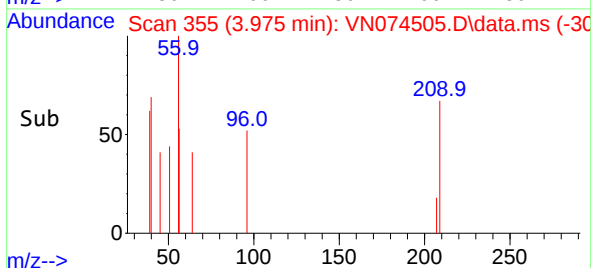
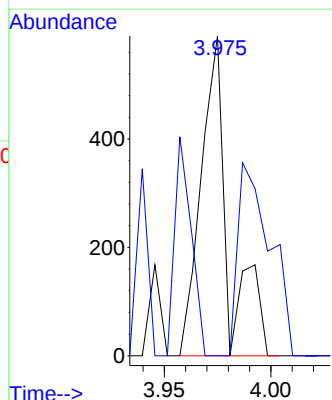
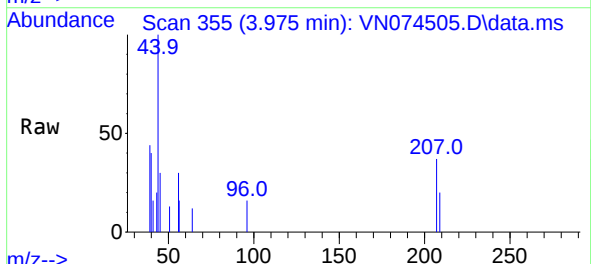
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20220913RE

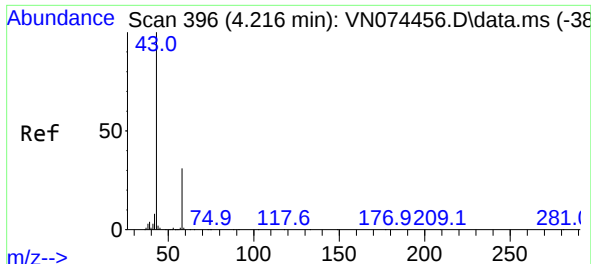
Tgt Ion: 96 Resp: 57
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.748 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion: 56 Resp: 523
Ion Ratio Lower Upper
56 100
55 71.7 54.8 82.2

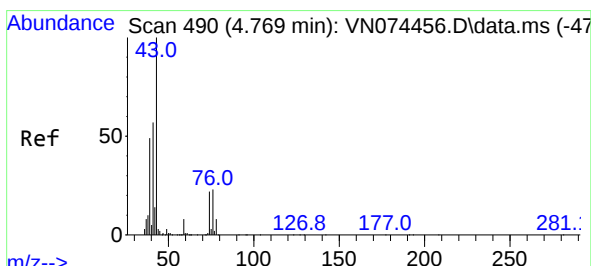
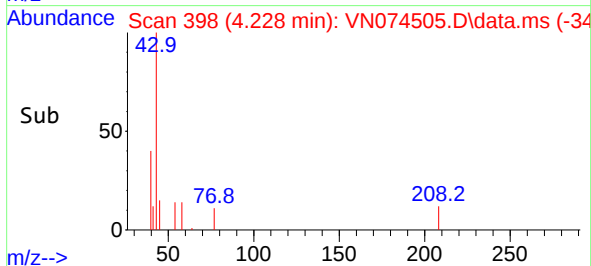
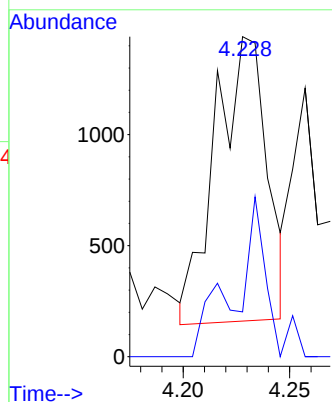
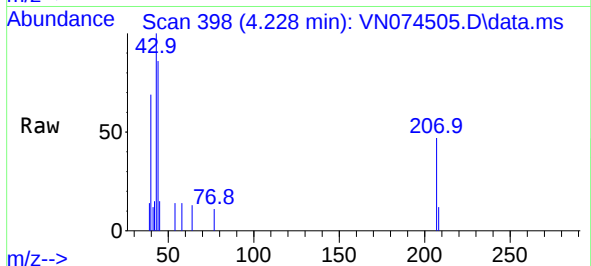




#16
Acetone
Concen: 0.574 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

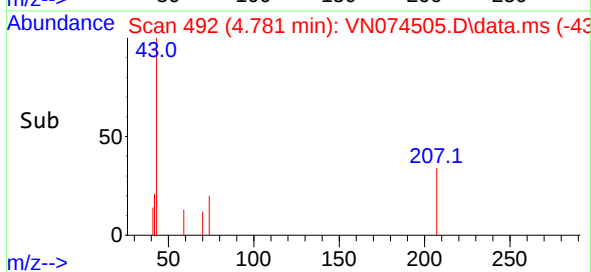
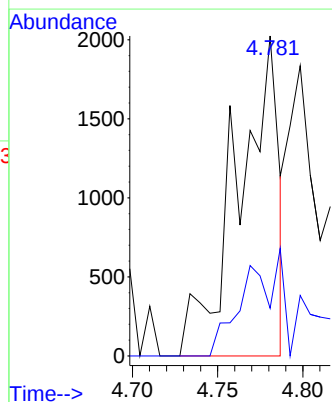
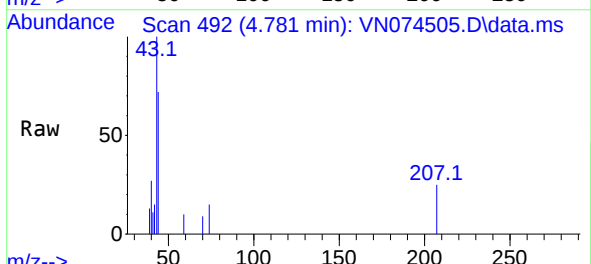
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20220913RE

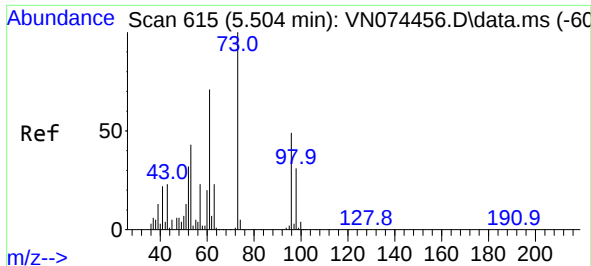
Tgt Ion: 43 Resp: 2161
Ion Ratio Lower Upper
43 100
58 16.8 26.0 39.0#



#18
Methyl Acetate
Concen: 0.289 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion: 43 Resp: 3377
Ion Ratio Lower Upper
43 100
74 28.9 21.6 32.4

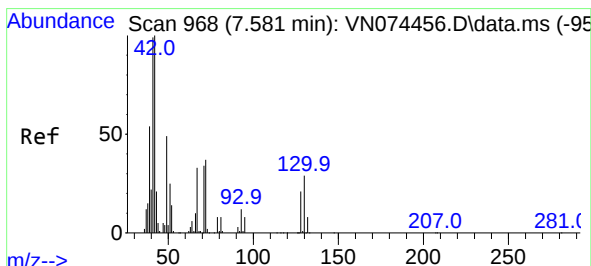
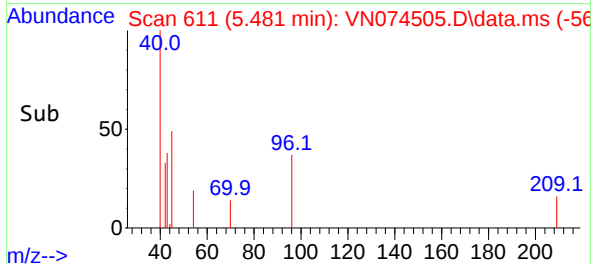
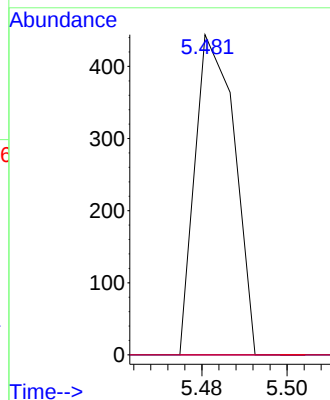
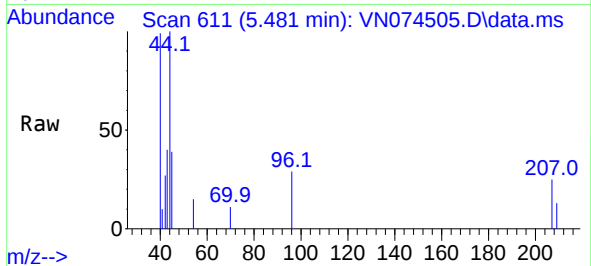




#21
trans-1,2-Dichloroethene
Concen: 0.485 ug/l
RT: 5.481 min Scan# 611
Delta R.T. -0.023 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

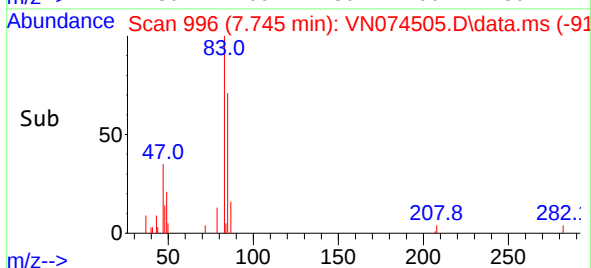
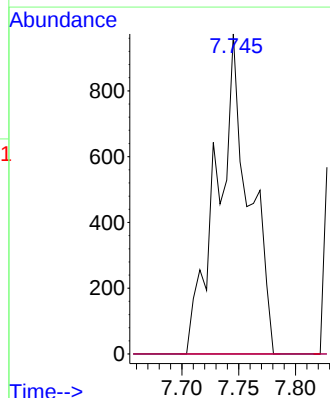
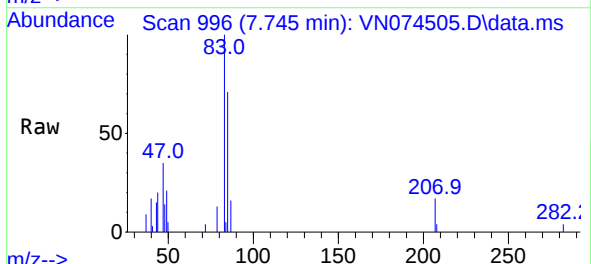
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-EB-20220913RE

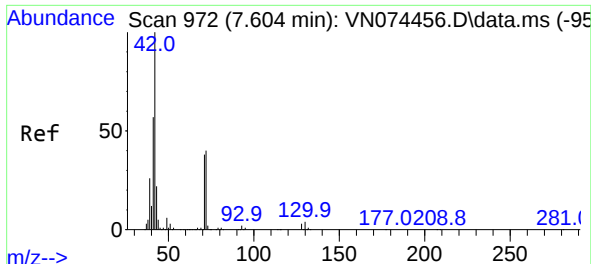
Tgt Ion: 96 Resp: 285
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#28
Bromochloromethane
Concen: 0.569 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.164 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion: 49 Resp: 1912
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 0.328 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN074505.D

Acq: 16 Sep 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-EB-20220913RE

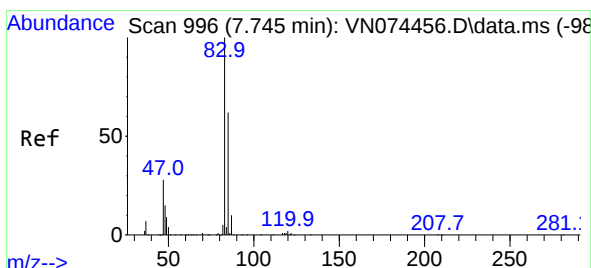
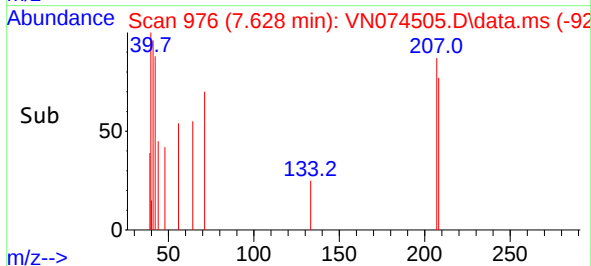
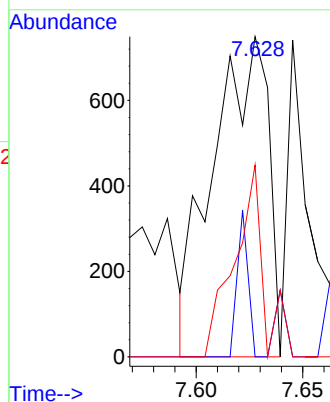
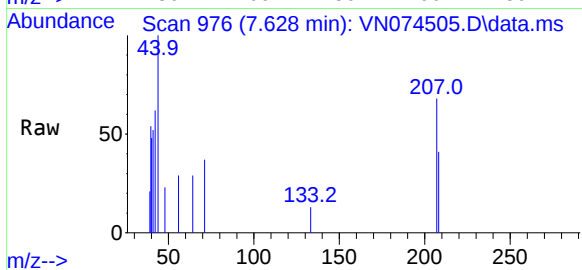
Tgt Ion: 42 Resp: 1346

Ion Ratio Lower Upper

42 100

72 9.0 39.7 59.5#

71 31.9 36.6 55.0#



#30

Chloroform

Concen: 1.382 ug/l

RT: 7.739 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN074505.D

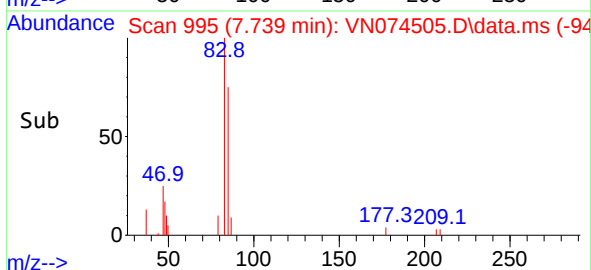
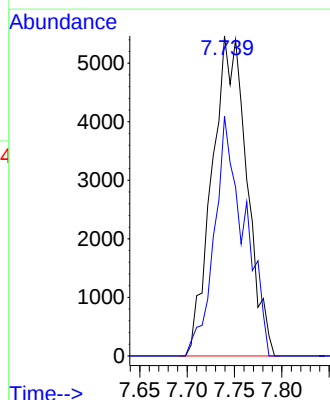
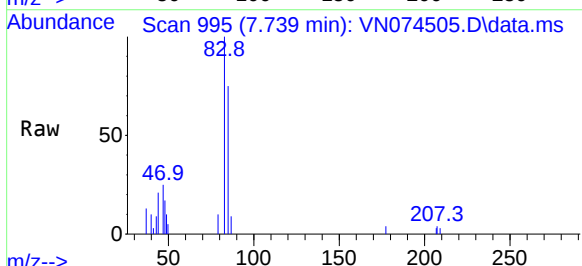
Acq: 16 Sep 2022 13:08

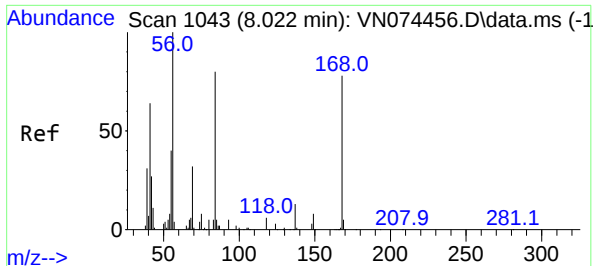
Tgt Ion: 83 Resp: 13960

Ion Ratio Lower Upper

83 100

85 74.8 51.8 77.8





#31

Cyclohexane

Concen: 1.029 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN074505.D

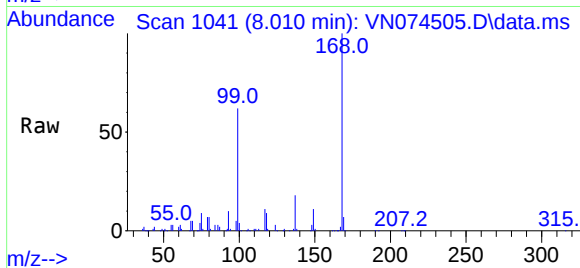
Acq: 16 Sep 2022 13:08

Instrument :

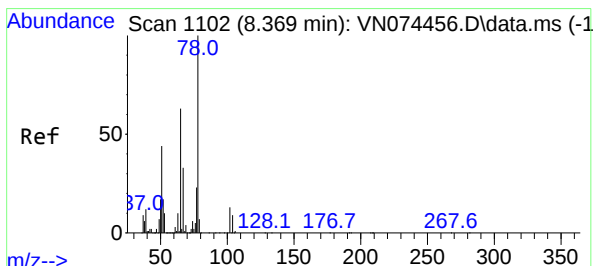
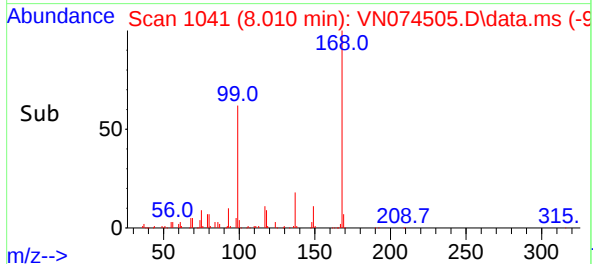
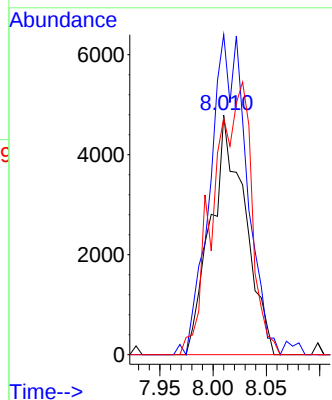
MSVOA_N

ClientSampleId :

BP-VPB-RW5-EB-20220913RE



Tgt Ion: 56	Resp: 10740
Ion Ratio	Lower Upper
56	100
69	133.7 27.8 41.8#
84	98.8 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 46.550 ug/l

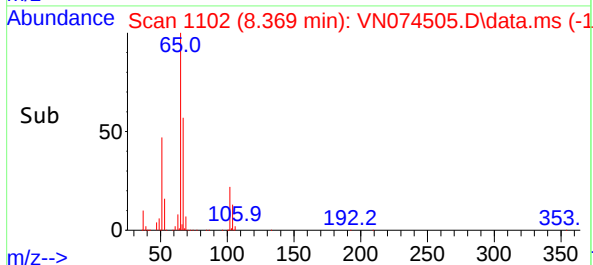
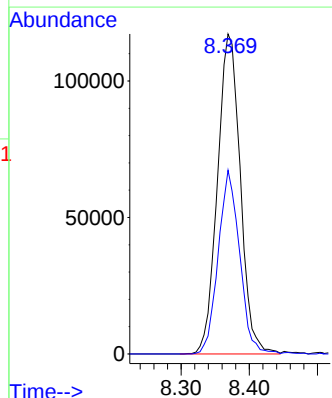
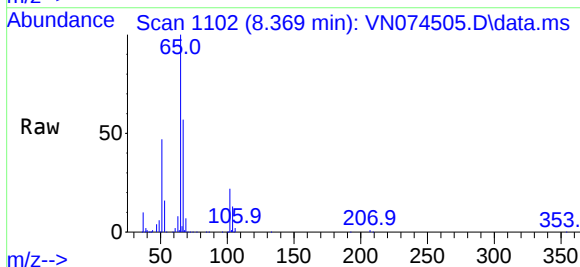
RT: 8.369 min Scan# 1102

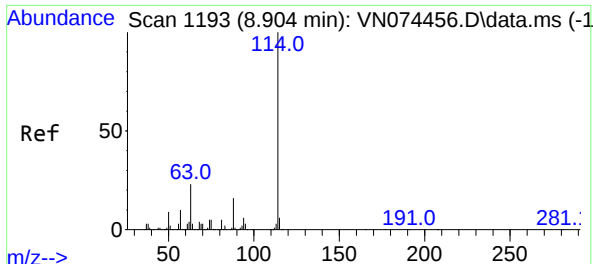
Delta R.T. -0.000 min

Lab File: VN074505.D

Acq: 16 Sep 2022 13:08

Tgt Ion: 65	Resp: 273774
Ion Ratio	Lower Upper
65	100
67	53.6 0.0 104.8



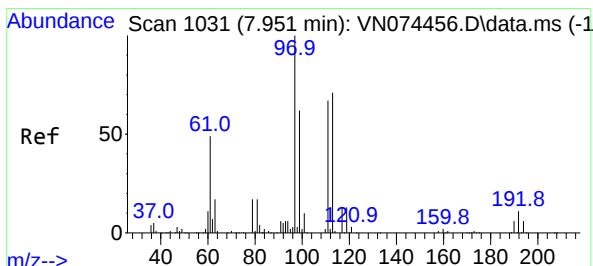
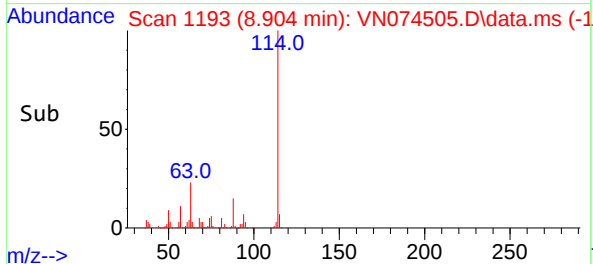
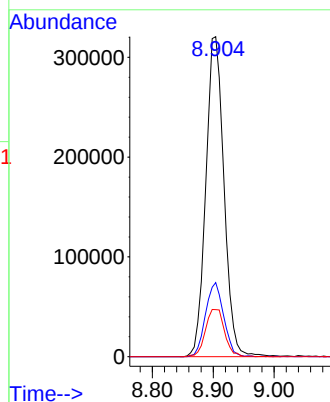
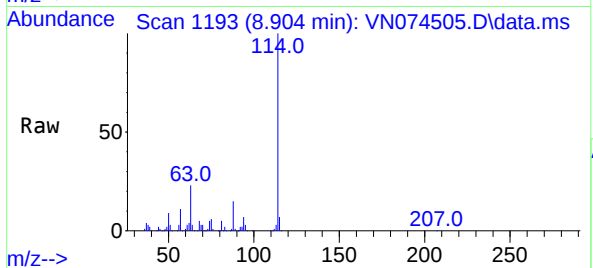


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20220913RE

Tgt Ion:114 Resp: 665621

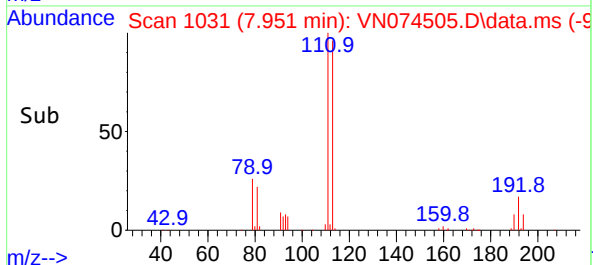
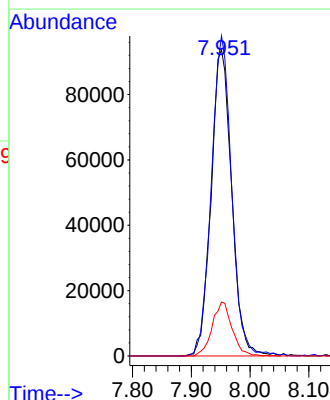
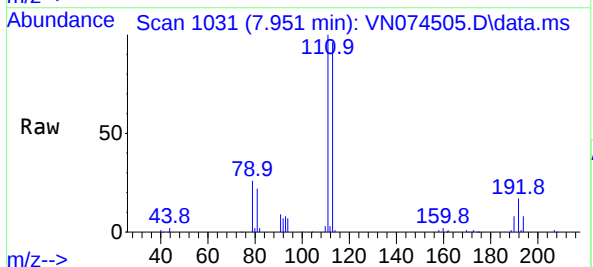
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	40.0
88	14.7	0.0	32.6

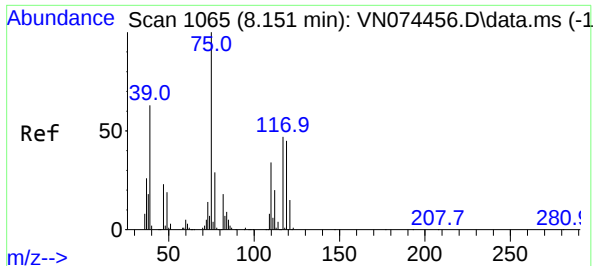


#35
Dibromofluoromethane
Concen: 51.593 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion:113 Resp: 228122

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	16.9	17.0	25.6#

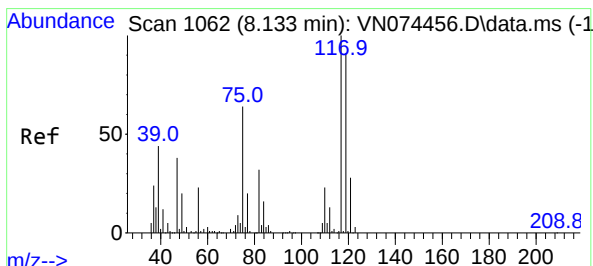
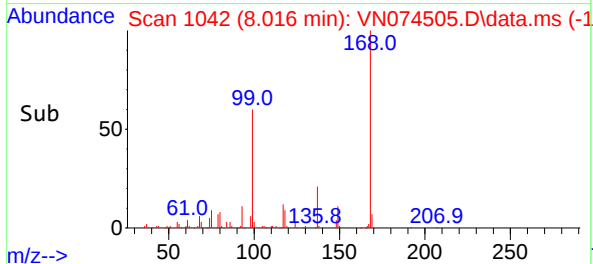
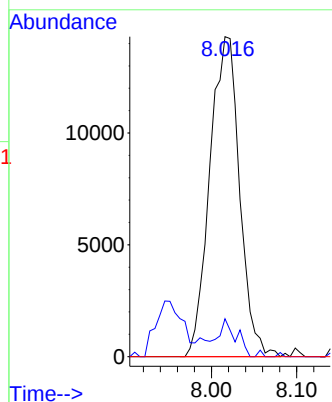
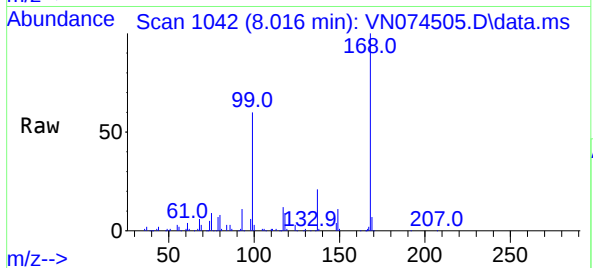




#36
1,1-Dichloropropene
Concen: 4.435 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

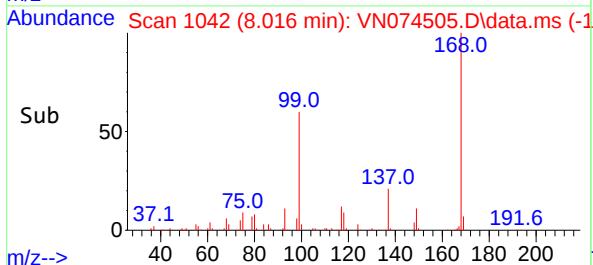
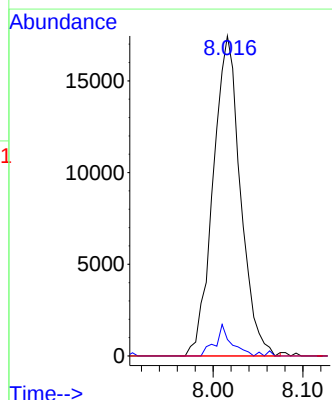
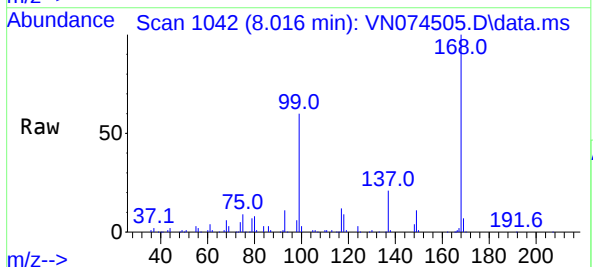
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-EB-20220913RE

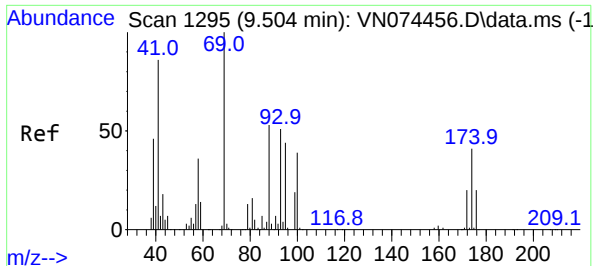
Tgt Ion: 75 Resp: 34708
Ion Ratio Lower Upper
75 100
110 7.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.112 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion: 117 Resp: 36938
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#

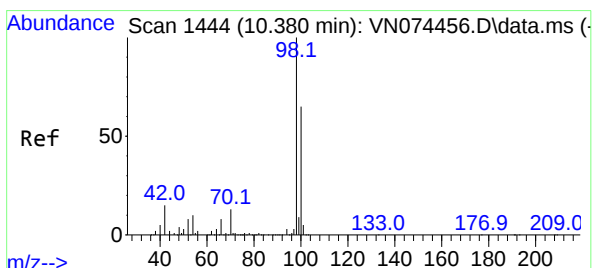
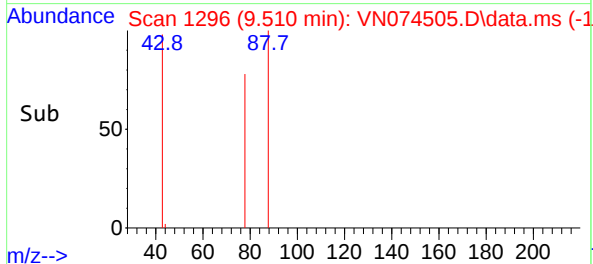
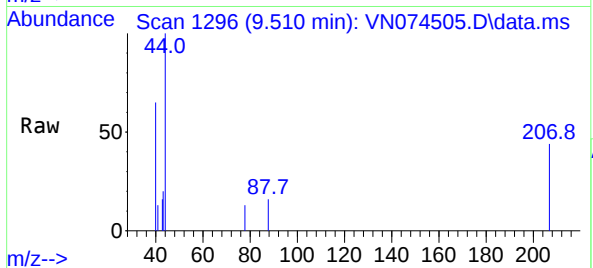




#49
1,4-Dioxane
Concen: 0.421 ug/l
RT: 9.510 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

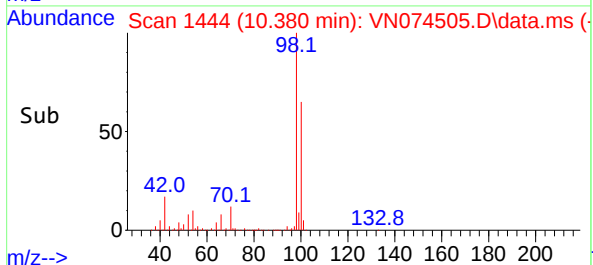
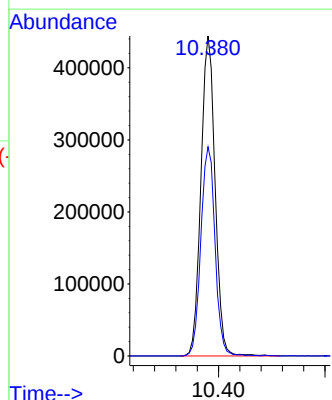
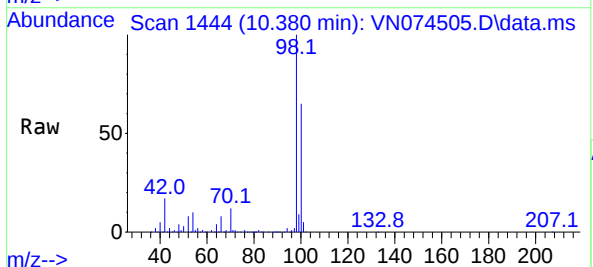
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20220913RE

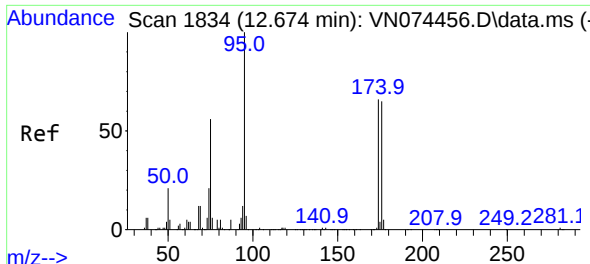
Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 1002.9 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 47.832 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion: 98 Resp: 817926
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

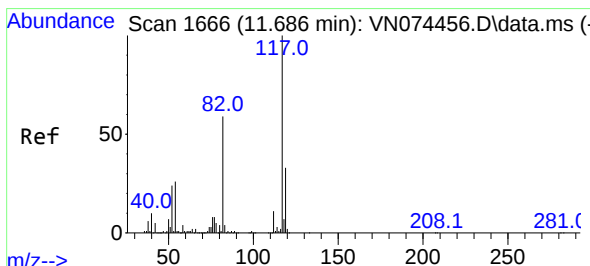
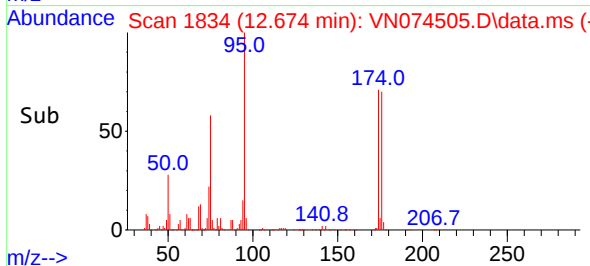
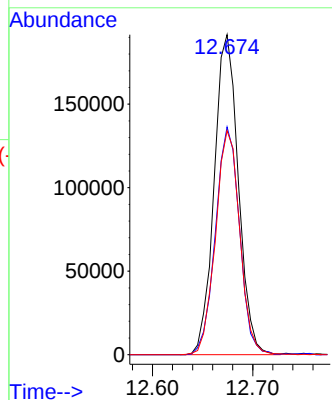
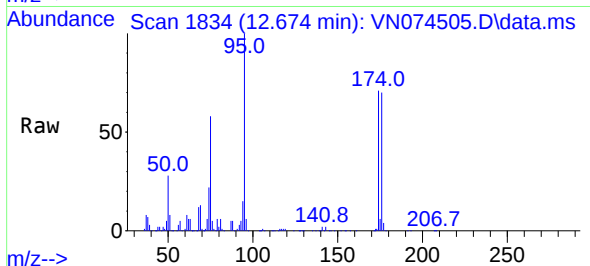




#62
4-Bromofluorobenzene
Concen: 54.710 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

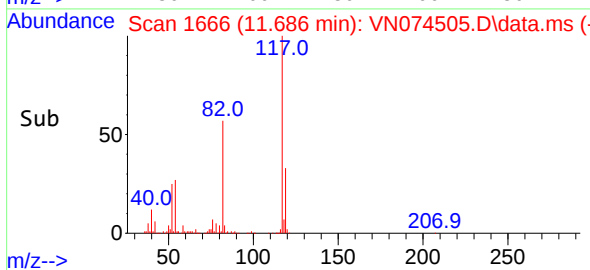
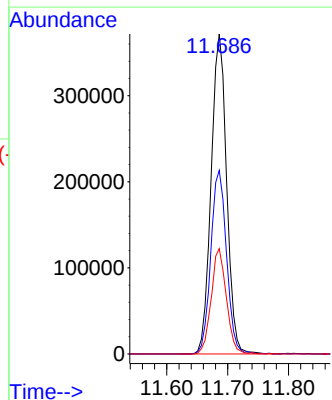
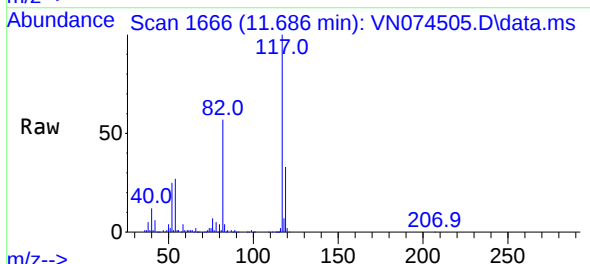
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-EB-20220913RE

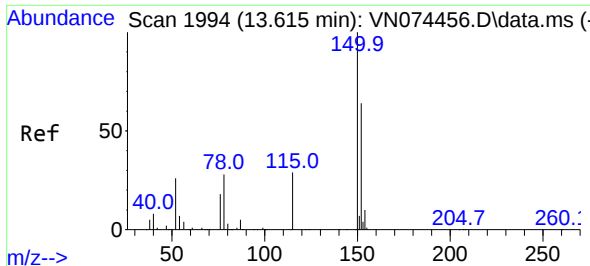
Tgt Ion: 95 Resp: 320418
Ion Ratio Lower Upper
95 100
174 70.7 0.0 167.6
176 70.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion: 117 Resp: 657087
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 32.9 25.4 38.0

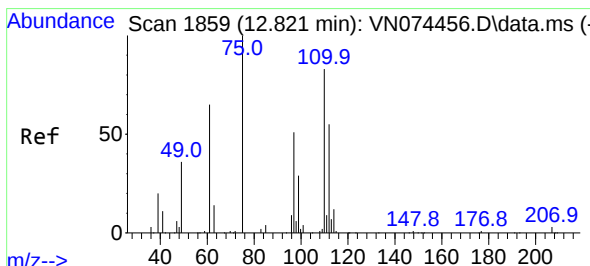
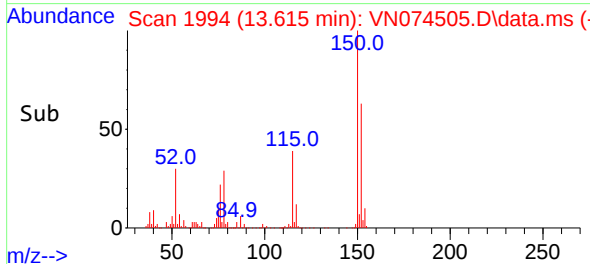
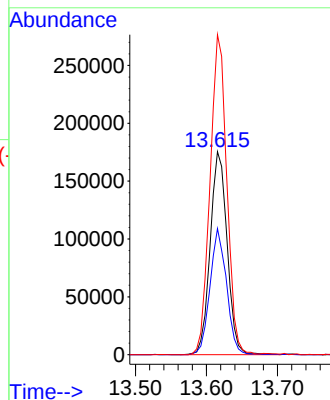
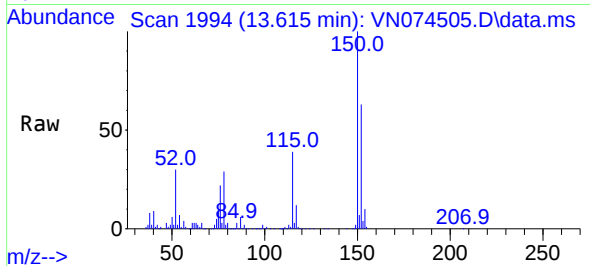




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

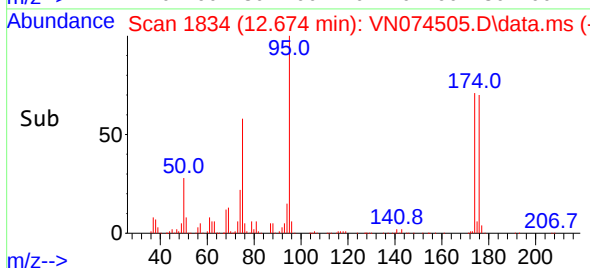
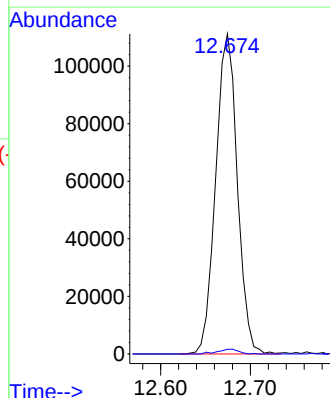
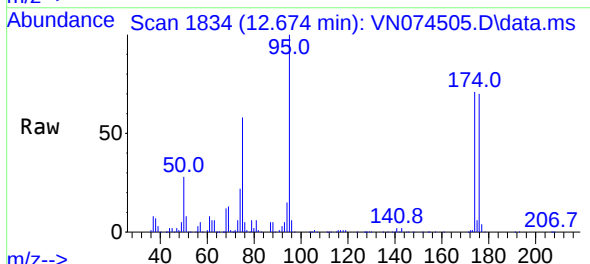
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20220913RE

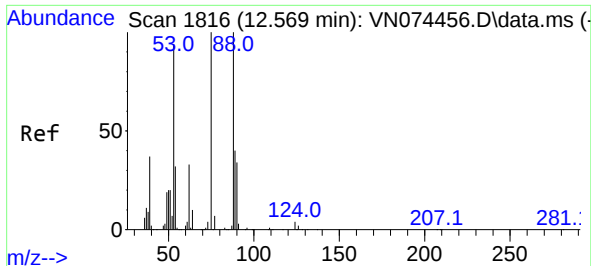
Tgt Ion:152 Resp: 291262
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 155.9 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 20.772 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion: 75 Resp: 186222
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#

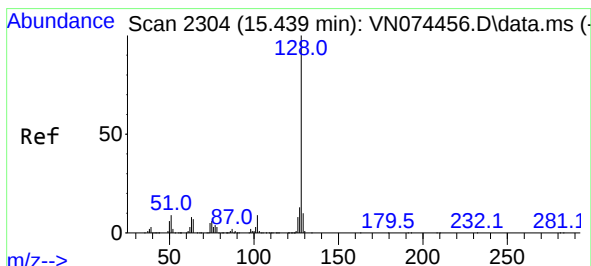
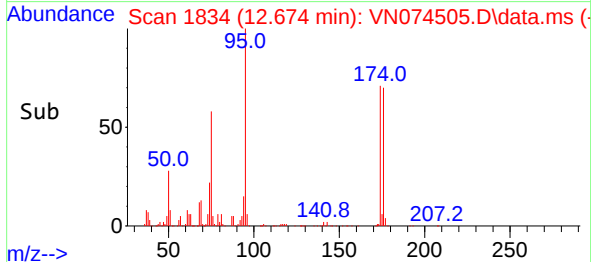
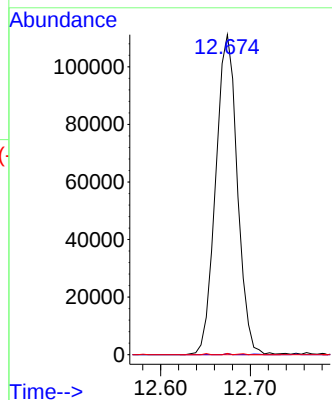
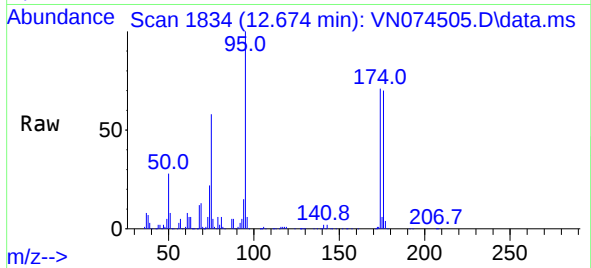




#81
trans-1,4-Dichloro-2-butene
Concen: 44.831 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.105 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

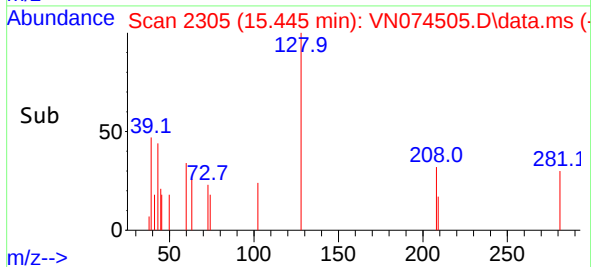
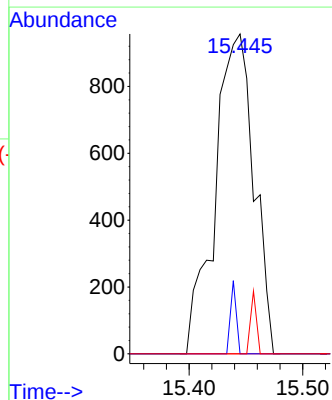
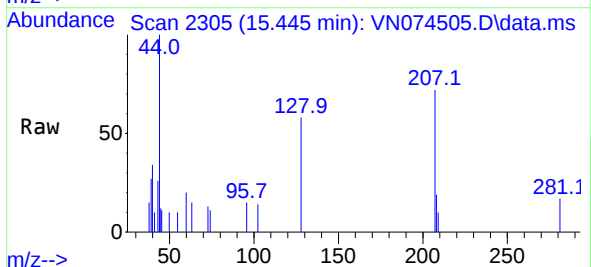
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20220913RE

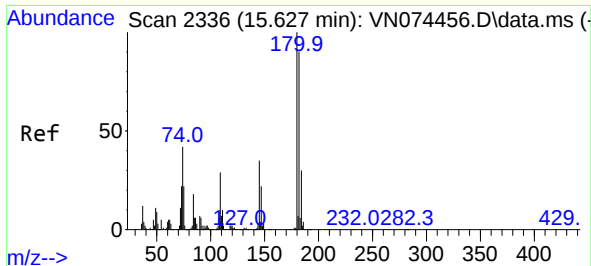
Tgt Ion: 75 Resp: 186222
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 1.677 ug/l
RT: 15.445 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN074505.D
Acq: 16 Sep 2022 13:08

Tgt Ion:128 Resp: 2278
Ion Ratio Lower Upper
128 100
127 3.4 10.3 15.5#
129 2.9 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.372 ug/l

RT: 15.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN074505.D

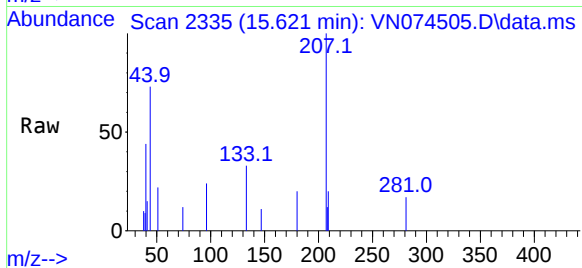
Acq: 16 Sep 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-EB-20220913RE



Tgt Ion:180 Resp: 218

Ion Ratio Lower Upper

180 100

182 36.7 47.8 143.3#

145 0.0 15.5 46.5#

