

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074325.D
 Acq On : 03 Sep 2022 18:33
 Operator : JC\MD
 Sample : N4298-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-8-20220822

Quant Time: Sep 05 05:37:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

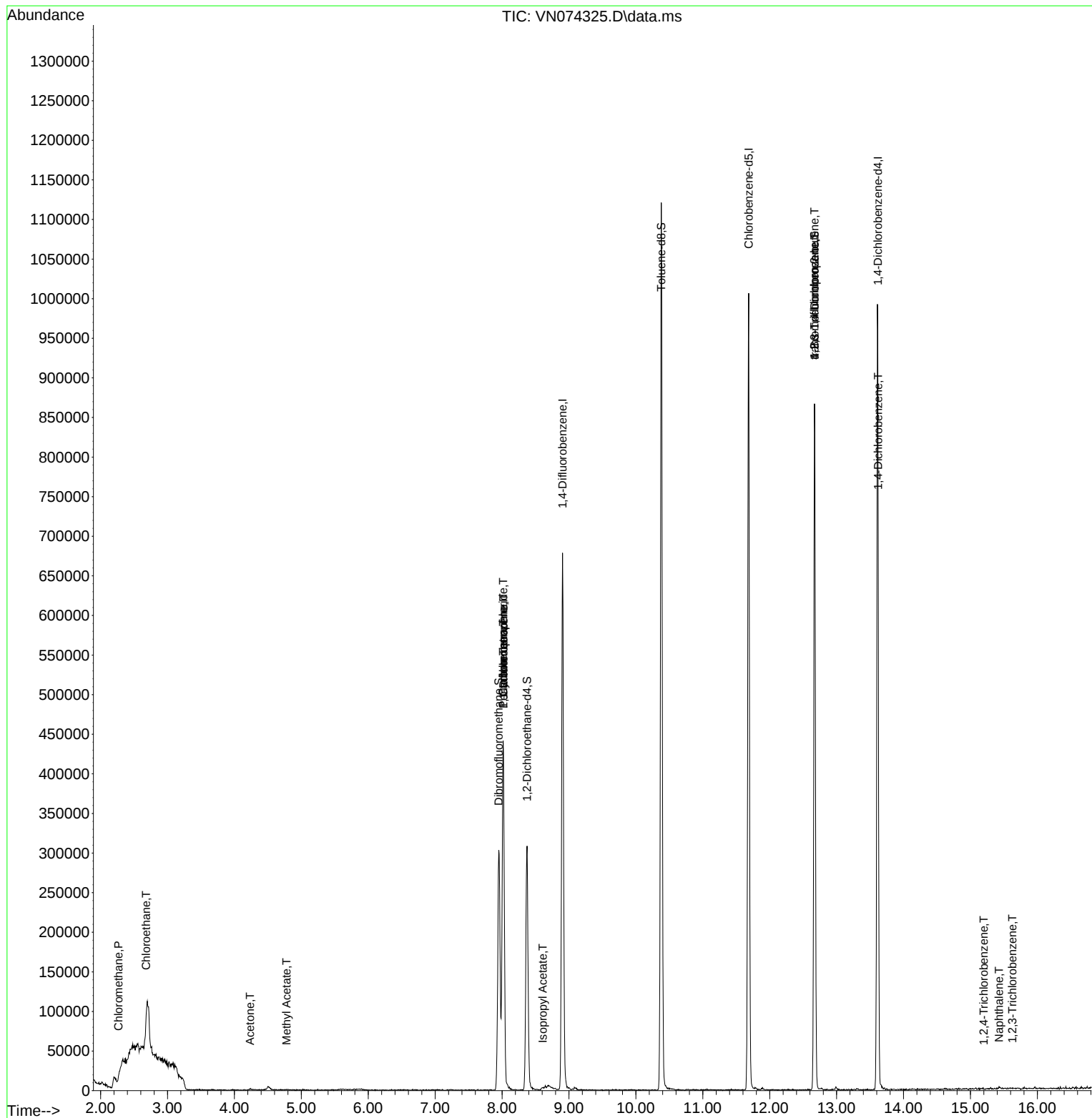
Internal Standards						
1) Pentafluorobenzene	8.022	168	317554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	574366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	556054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	248131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	247862	50.072	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.140%	
35) Dibromofluoromethane	7.951	113	218042	57.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.580%	
50) Toluene-d8	10.380	98	745096	49.647	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.668	95	266117	48.546	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1927	0.444	ug/l #	74
6) Chloroethane	2.681	64	86410	13.591	ug/l #	47
16) Acetone	4.234	43	1969	0.952	ug/l #	42
18) Methyl Acetate	4.781	43	1842	0.296	ug/l #	62
20) Methylene Chloride	5.004	84	125	Below Cal	#	10
31) Cyclohexane	8.016	56	8712	1.318	ug/l #	20
36) 1,1-Dichloropropene	8.022	75	28278	5.235	ug/l #	51
38) Carbon Tetrachloride	8.016	117	32923	6.033	ug/l #	18
43) Isopropyl Acetate	8.610	43	2671	0.260	ug/l #	53
76) 1,2,3-Trichloropropane	12.668	75	156066	22.208	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	156066	72.092	ug/l #	11
88) 1,4-Dichlorobenzene	13.621	146	481	0.220	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.198	180	122	0.881	ug/l #	65
95) Naphthalene	15.427	128	2585	0.905	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.627	180	264	0.469	ug/l #	34

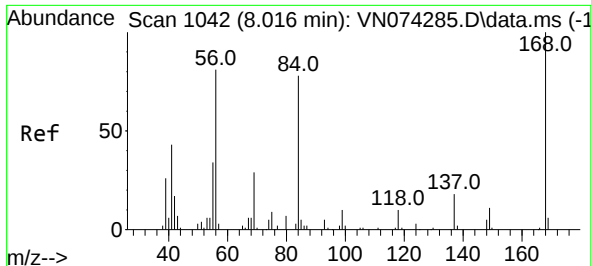
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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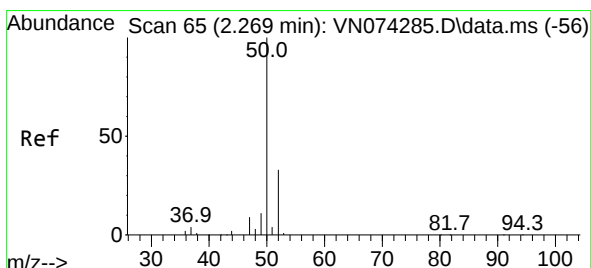
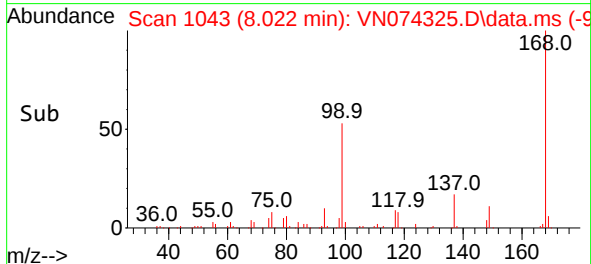
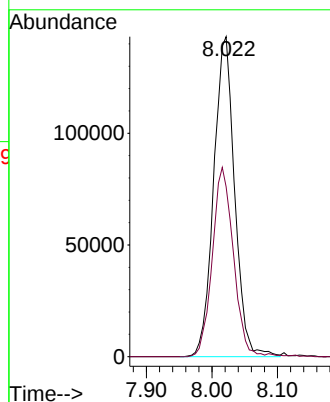
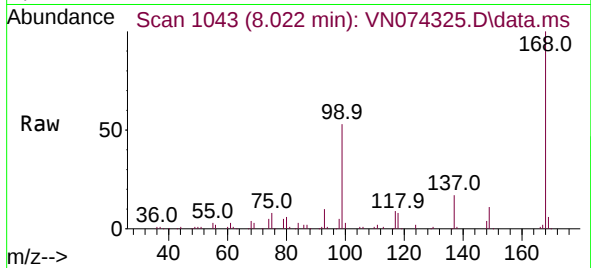




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

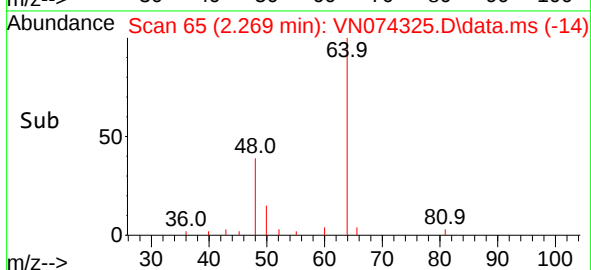
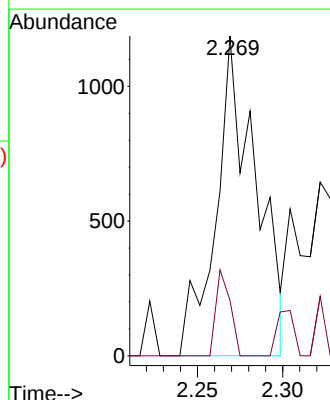
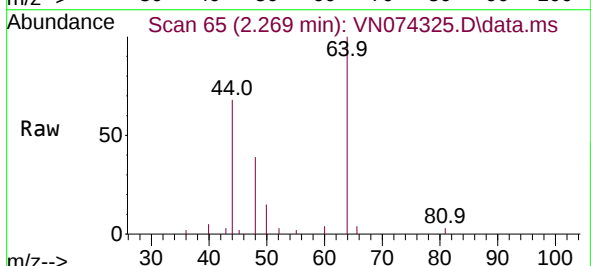
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20220822

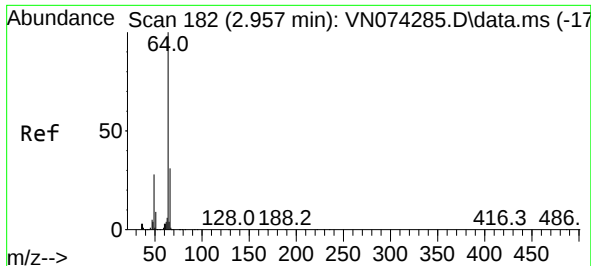
Tgt Ion:168 Resp: 317554
Ion Ratio Lower Upper
168 100
99 53.1 42.3 63.5



#3
Chloromethane
Concen: 0.444 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

Tgt Ion: 50 Resp: 1927
Ion Ratio Lower Upper
50 100
52 17.4 25.7 38.5#

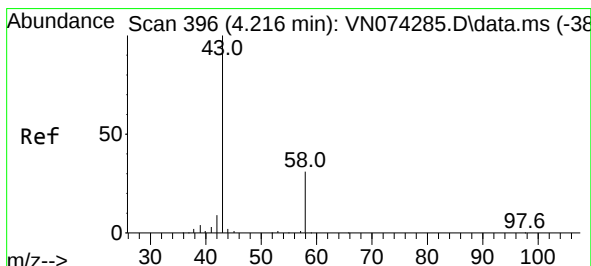
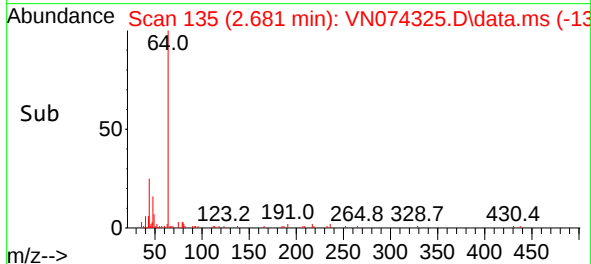
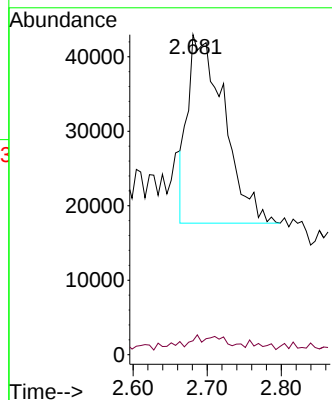
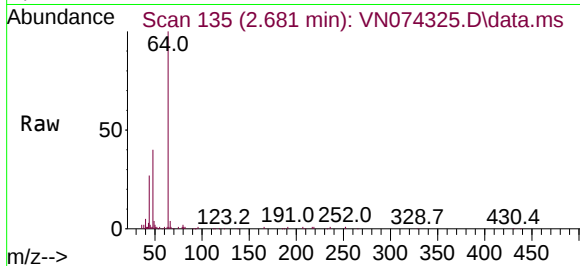




#6
Chloroethane
Concen: 13.591 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.270 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

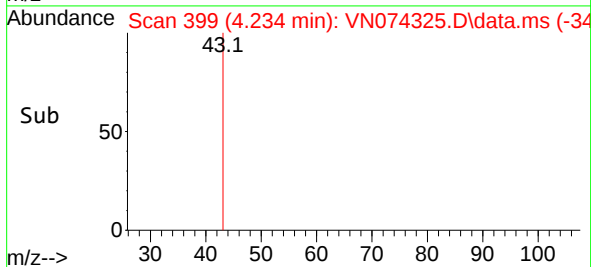
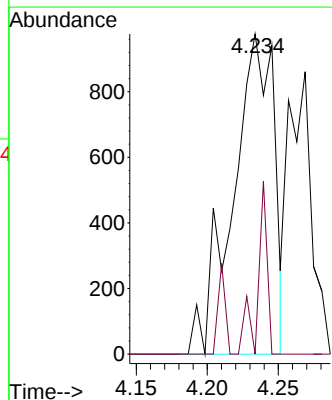
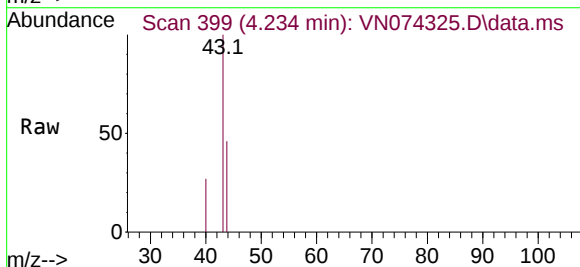
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20220822

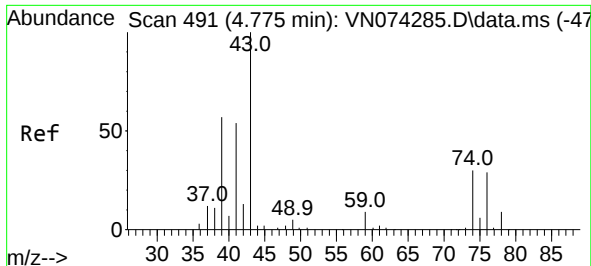
Tgt Ion: 64 Resp: 86410
Ion Ratio Lower Upper
64 100
66 3.0 26.2 39.4#



#16
Acetone
Concen: 0.952 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

Tgt Ion: 43 Resp: 1969
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#18

Methyl Acetate

Concen: 0.296 ug/l

RT: 4.781 min Scan# 491

Delta R.T. 0.006 min

Lab File: VN074325.D

Acq: 03 Sep 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

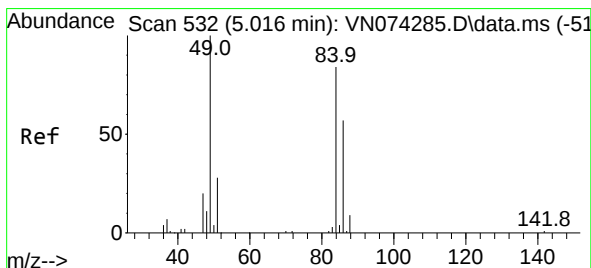
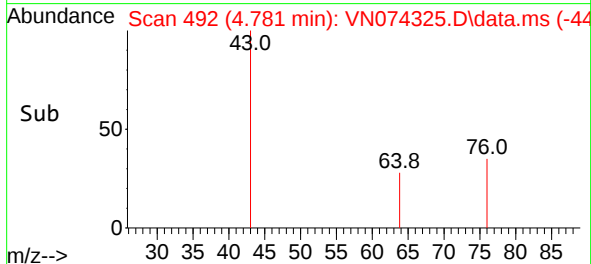
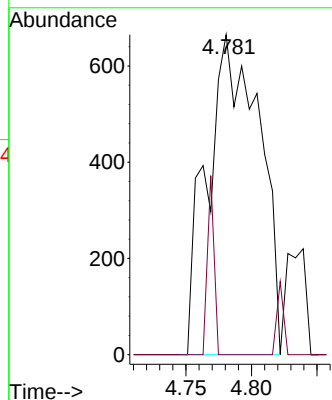
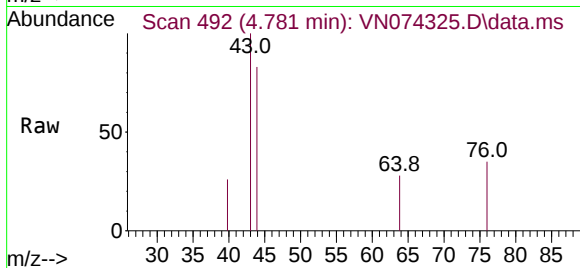
BPOW1-8-20220822

Tgt Ion: 43 Resp: 1842

Ion Ratio Lower Upper

43 100

74 7.1 21.6 32.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN074325.D

Acq: 03 Sep 2022 18:33

Tgt Ion: 84 Resp: 125

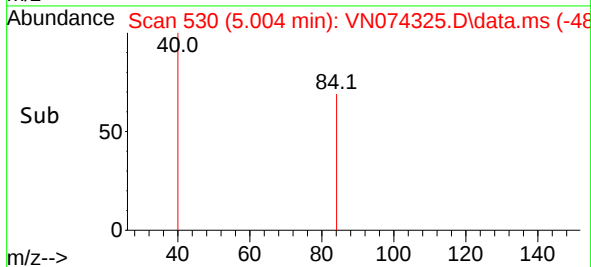
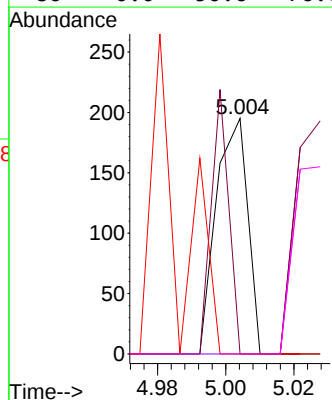
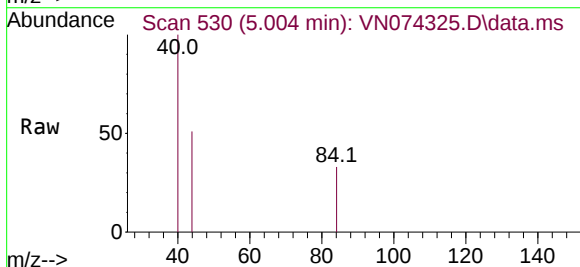
Ion Ratio Lower Upper

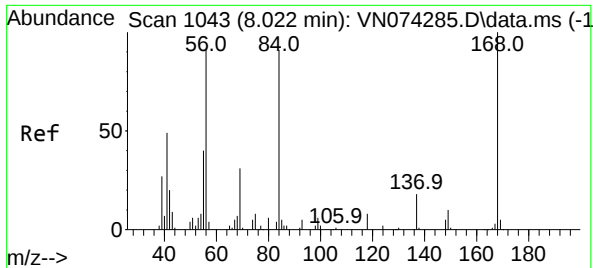
84 100

49 0.0 88.3 132.5#

51 0.0 28.2 42.2#

86 0.0 50.6 76.0#

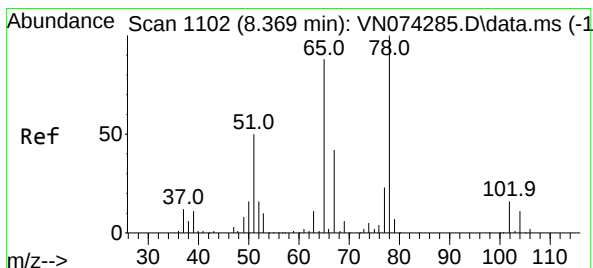
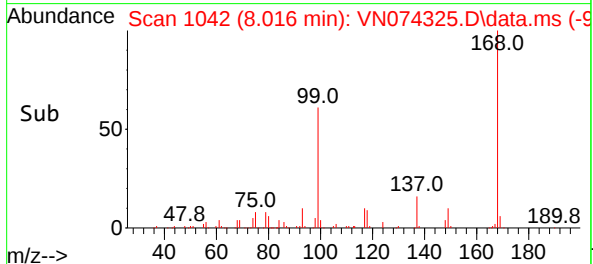
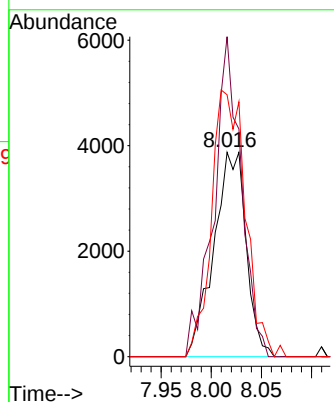
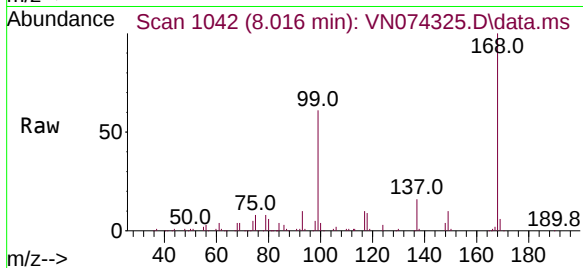




#31
Cyclohexane
Concen: 1.318 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

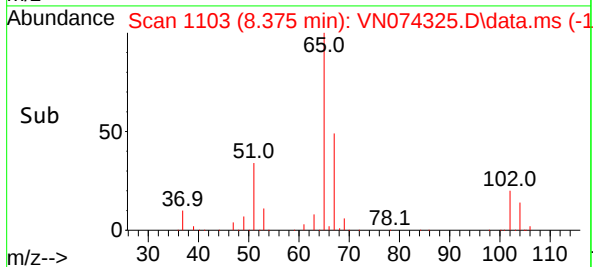
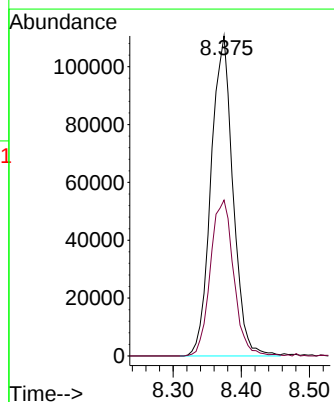
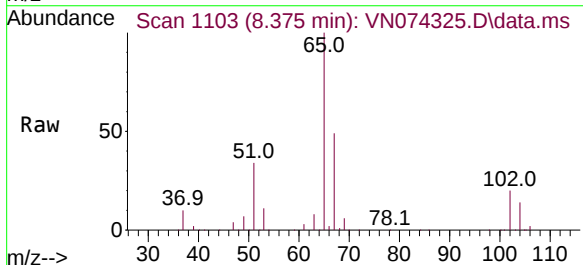
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20220822

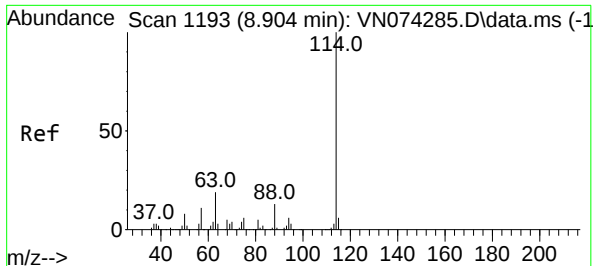
Tgt Ion: 56 Resp: 8712
Ion Ratio Lower Upper
56 100
69 156.6 27.8 41.8#
84 128.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.072 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

Tgt Ion: 65 Resp: 247862
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

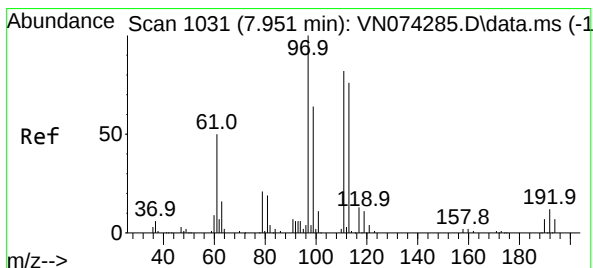
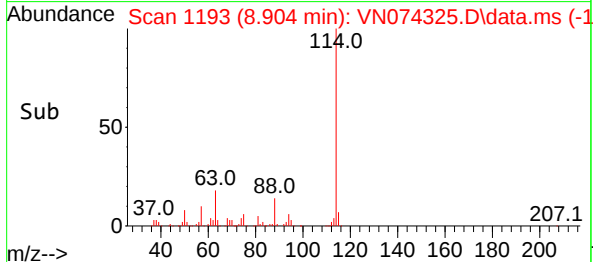
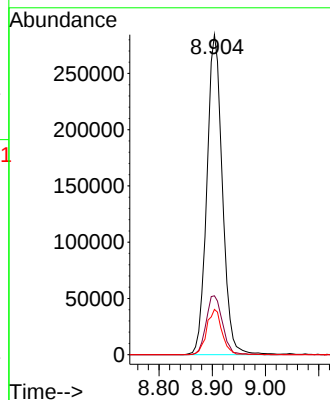
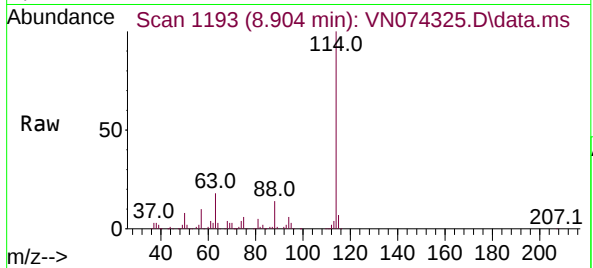




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

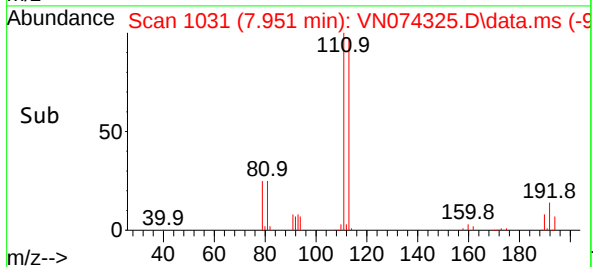
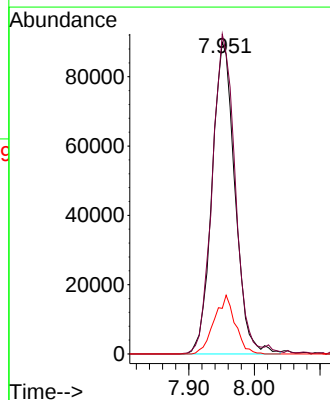
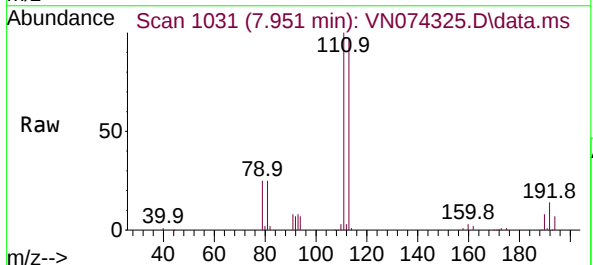
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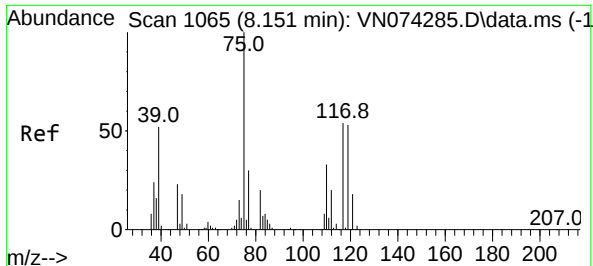
Tgt Ion:114 Resp: 574366
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 14.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 57.288 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

Tgt Ion:113 Resp: 218042
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 17.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.235 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.135 min

Lab File: VN074325.D

Acq: 03 Sep 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

BPOW1-8-20220822

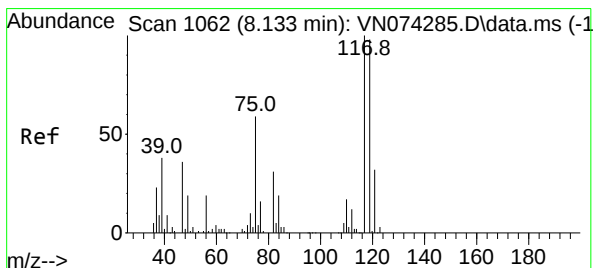
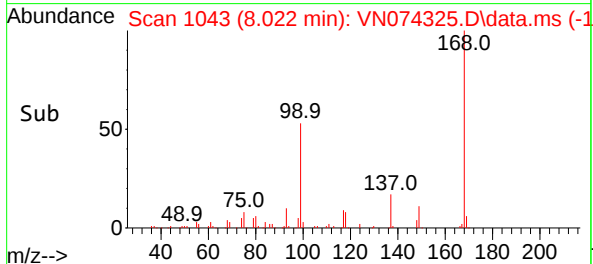
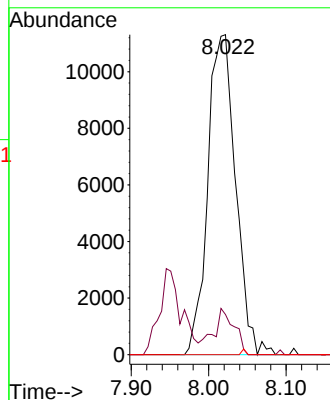
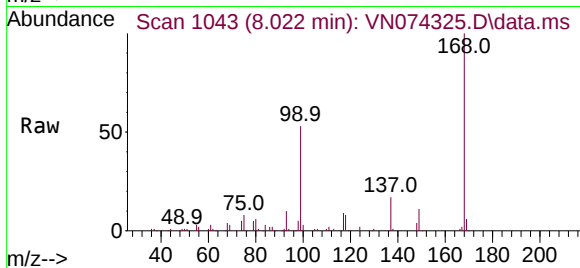
Tgt Ion: 75 Resp: 28278

Ion Ratio Lower Upper

75 100

110 11.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.033 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN074325.D

Acq: 03 Sep 2022 18:33

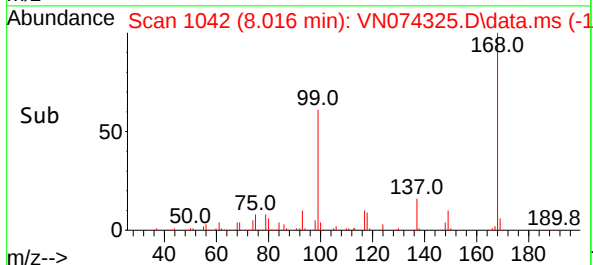
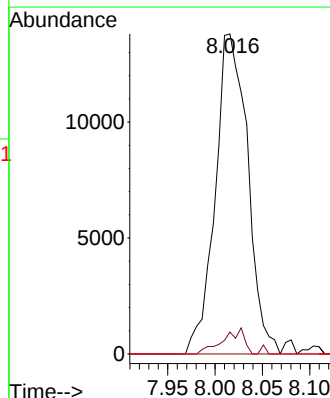
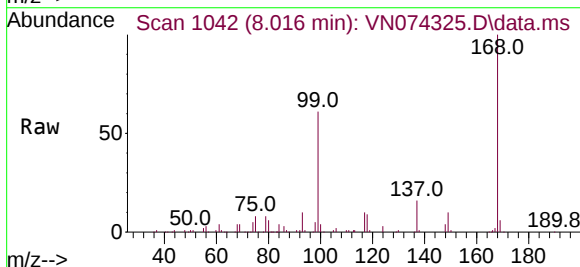
Tgt Ion: 117 Resp: 32923

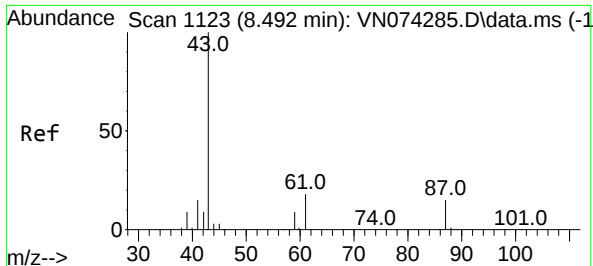
Ion Ratio Lower Upper

117 100

119 6.8 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.260 ug/l

RT: 8.610 min Scan# 1123

Delta R.T. 0.118 min

Lab File: VN074325.D

Acq: 03 Sep 2022 18:33

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BPOW1-8-20220822

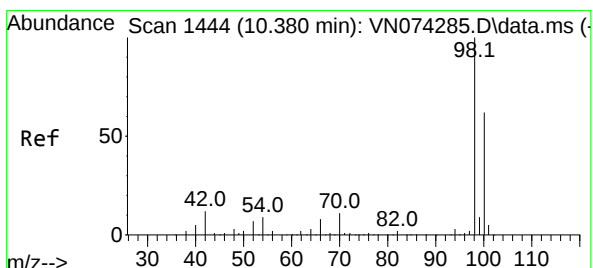
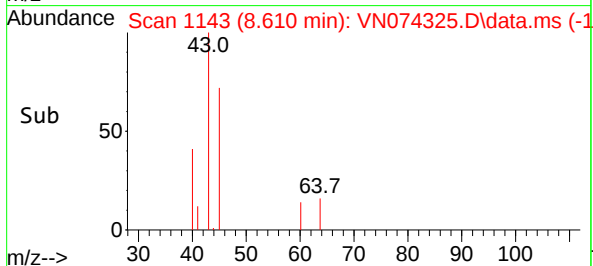
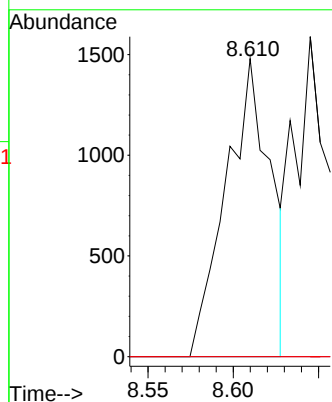
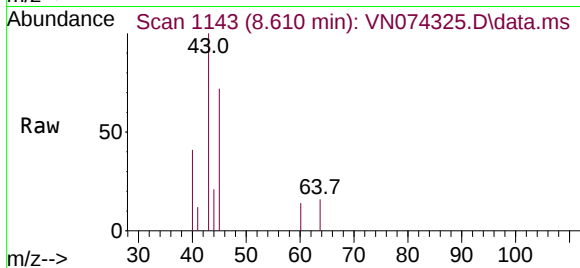
Tgt Ion: 43 Resp: 2671

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 49.647 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074325.D

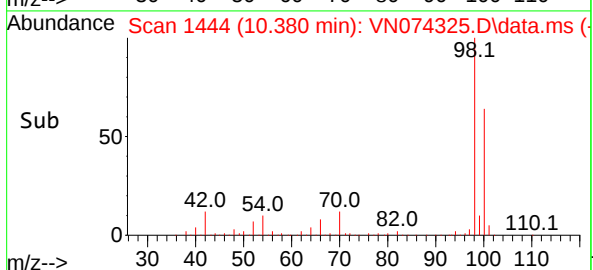
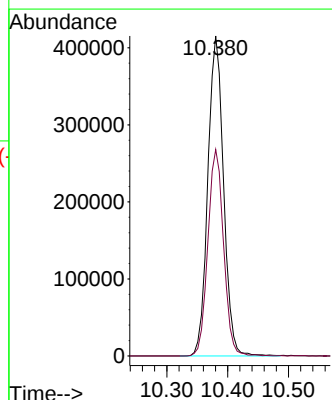
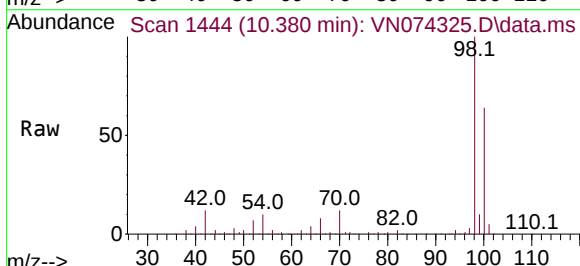
Acq: 03 Sep 2022 18:33

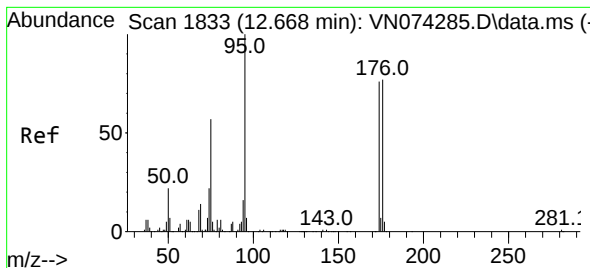
Tgt Ion: 98 Resp: 745096

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8

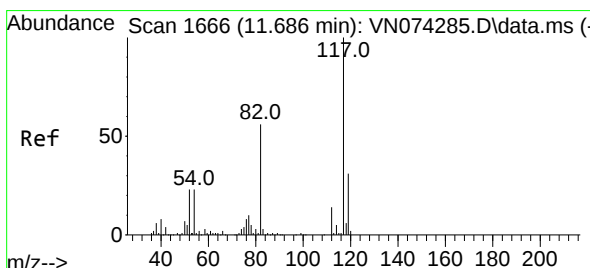
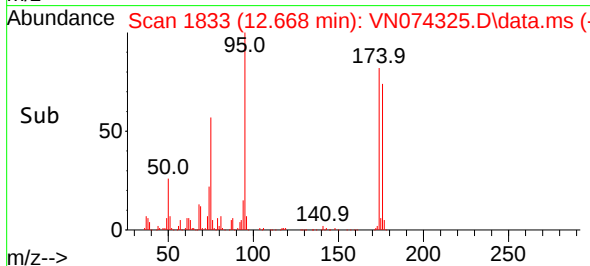
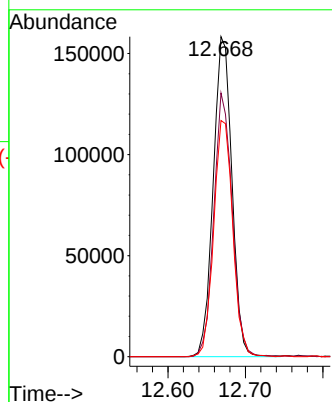
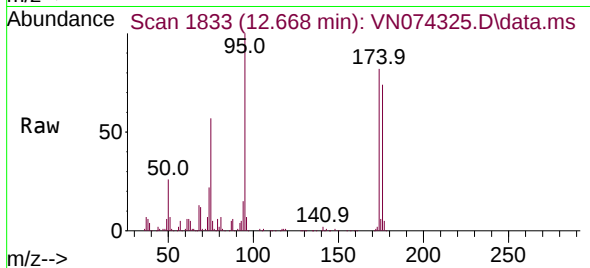




#62
4-Bromofluorobenzene
Concen: 48.546 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

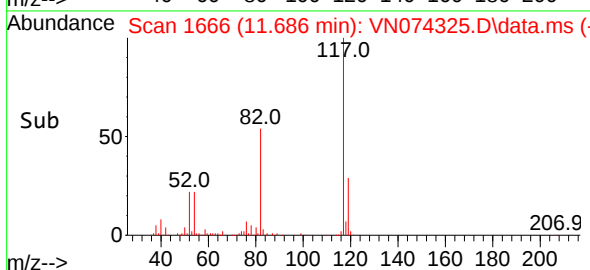
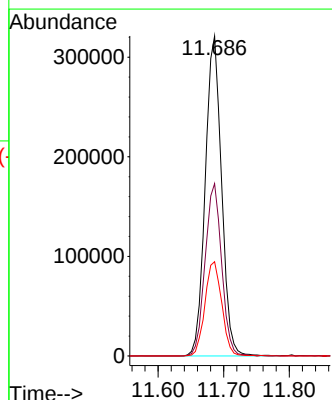
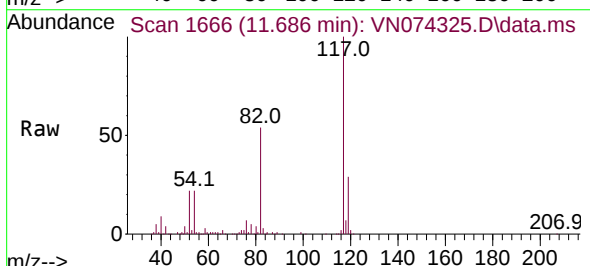
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20220822

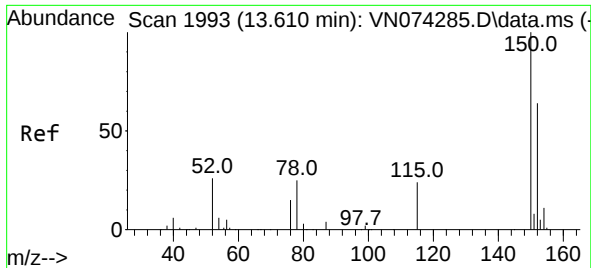
Tgt Ion: 95 Resp: 266117
Ion Ratio Lower Upper
95 100
174 81.1 0.0 167.6
176 75.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074325.D
Acq: 03 Sep 2022 18:33

Tgt Ion: 117 Resp: 556054
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 29.5 25.4 38.0

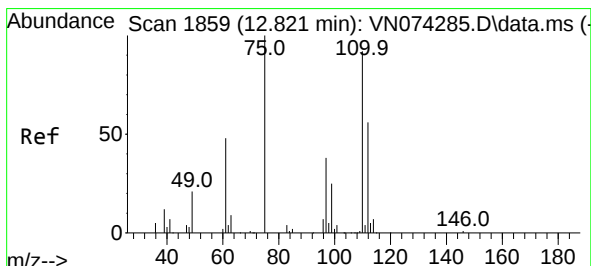
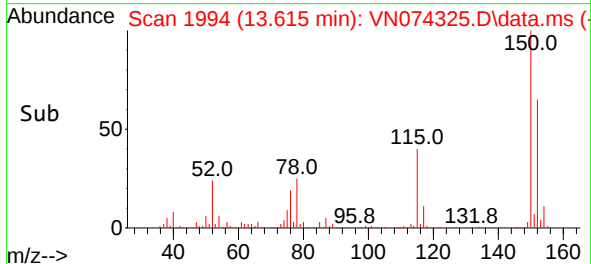
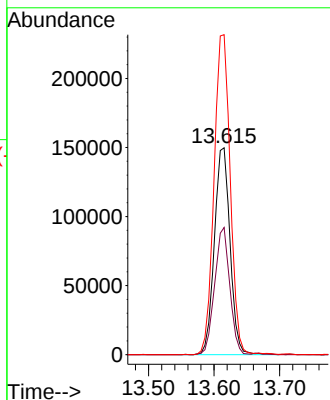
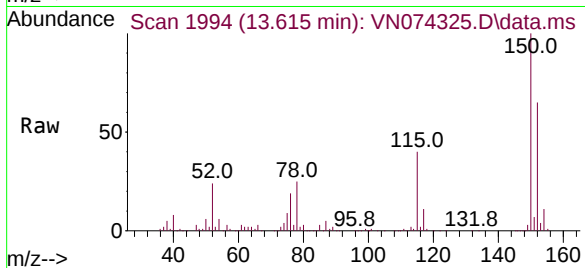




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN074325.D
 Acq: 03 Sep 2022 18:33

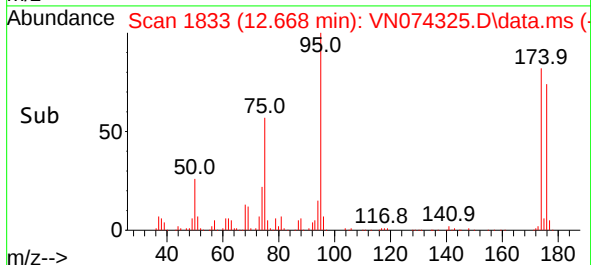
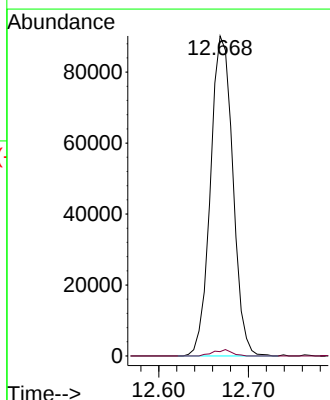
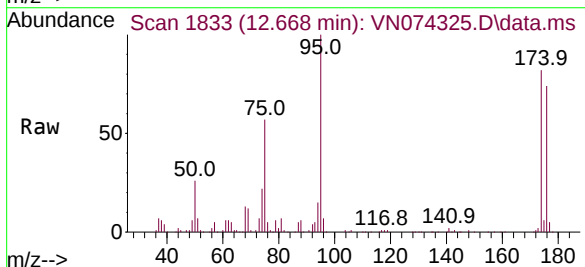
Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-8-20220822

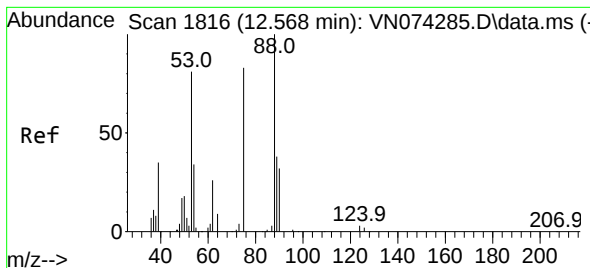
Tgt Ion:152 Resp: 248131
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.9 86.7
 150 159.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 22.208 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.153 min
 Lab File: VN074325.D
 Acq: 03 Sep 2022 18:33

Tgt Ion: 75 Resp: 156066
 Ion Ratio Lower Upper
 75 100
 77 1.6 98.5 295.5#

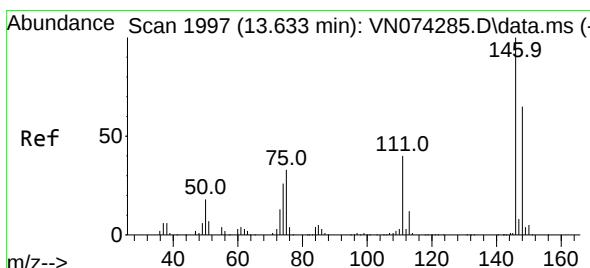
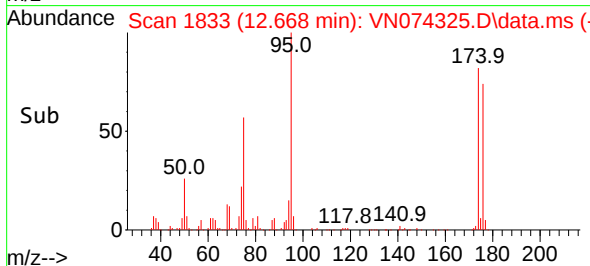
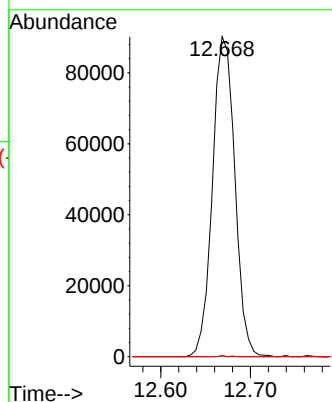
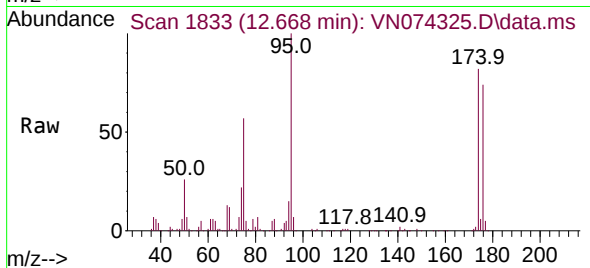




#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.092 ug/l
 RT: 12.668 min Scan# 1816
 Delta R.T. 0.105 min
 Lab File: VN074325.D
 Acq: 03 Sep 2022 18:33

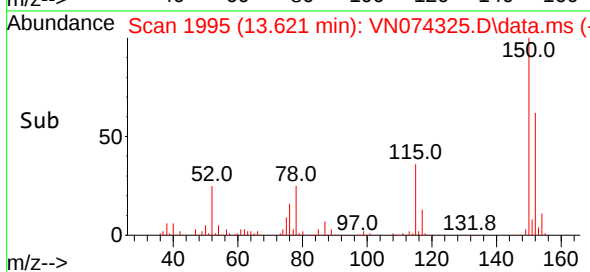
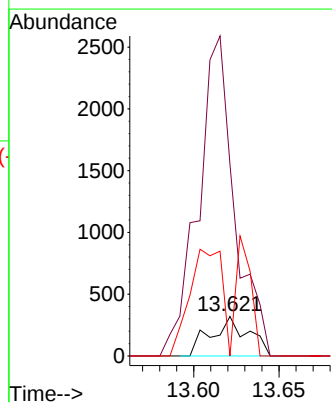
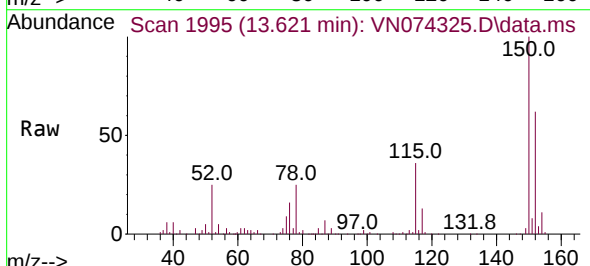
Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-8-20220822

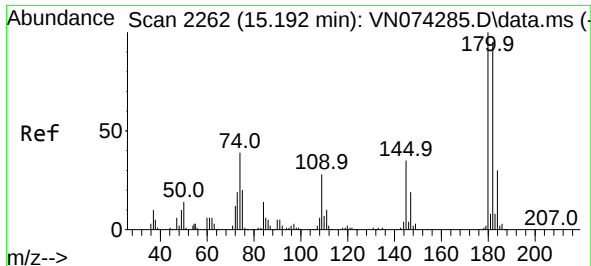
Tgt Ion: 75 Resp: 156066
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.1 37.2 55.8#



#88
 1,4-Dichlorobenzene
 Concen: 0.220 ug/l
 RT: 13.621 min Scan# 1995
 Delta R.T. -0.012 min
 Lab File: VN074325.D
 Acq: 03 Sep 2022 18:33

Tgt Ion: 146 Resp: 481
 Ion Ratio Lower Upper
 146 100
 111 800.6 19.1 57.1#
 148 121.6 31.4 94.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.881 ug/l

RT: 15.198 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074325.D

Acq: 03 Sep 2022 18:33

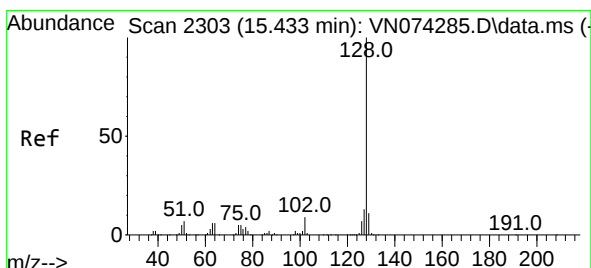
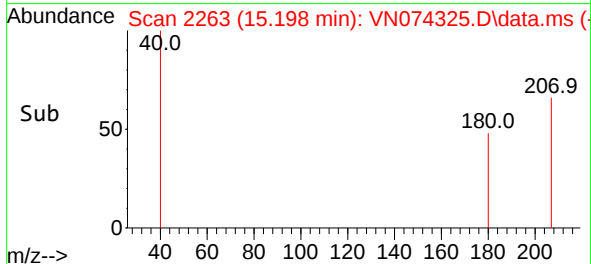
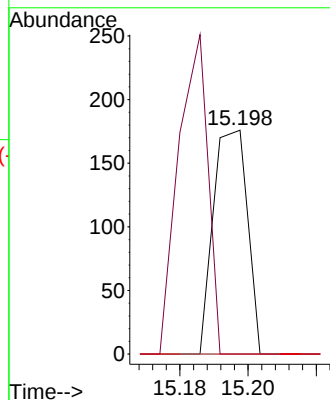
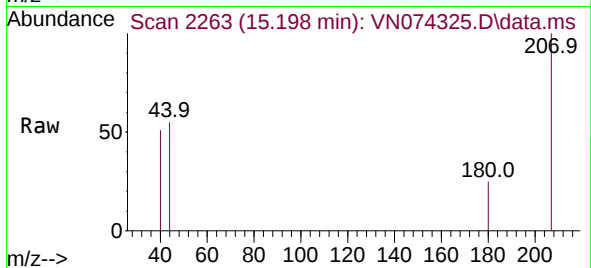
Instrument :

MSVOA_N

ClientSampleId :

BPOW1-8-20220822

Tgt Ion:180	Resp:	122
Ion Ratio	Lower	Upper
180	100	
182	123.0	47.5 142.5
145	0.0	14.5 43.5#



#95

Naphthalene

Concen: 0.905 ug/l

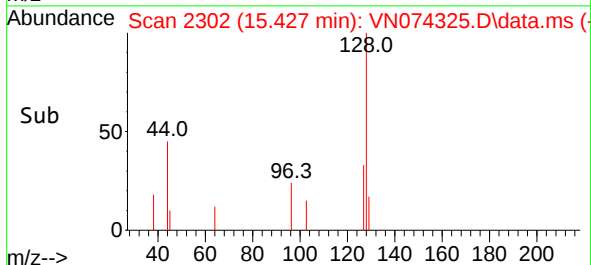
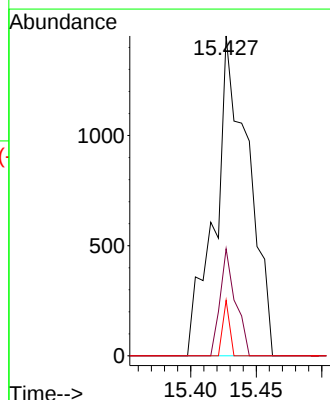
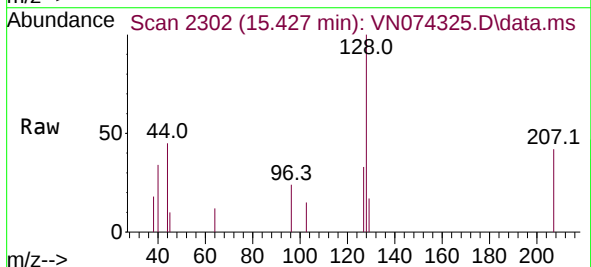
RT: 15.427 min Scan# 2302

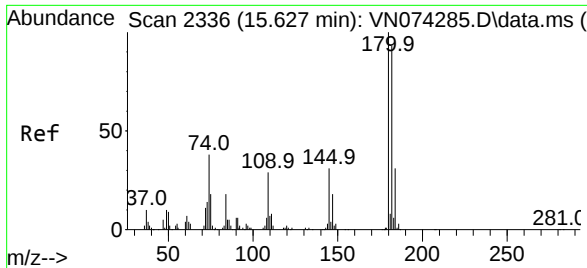
Delta R.T. -0.006 min

Lab File: VN074325.D

Acq: 03 Sep 2022 18:33

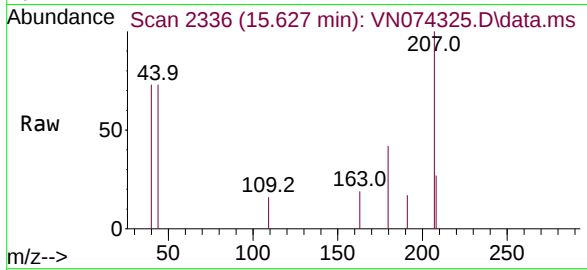
Tgt Ion:128	Resp:	2585
Ion Ratio	Lower	Upper
128	100	
127	15.3	10.3 15.5
129	3.4	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.469 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074325.D
 Acq: 03 Sep 2022 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-8-20220822



Tgt Ion	Ratio	Lower	Upper
180	100		
182	28.0	47.8	143.3#
145	0.0	15.5	46.5#

