

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074674.D
 Acq On : 30 Sep 2022 18:05
 Operator : JC\MD
 Sample : N4933-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-DUP-20220927

Quant Time: Oct 03 02:07:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

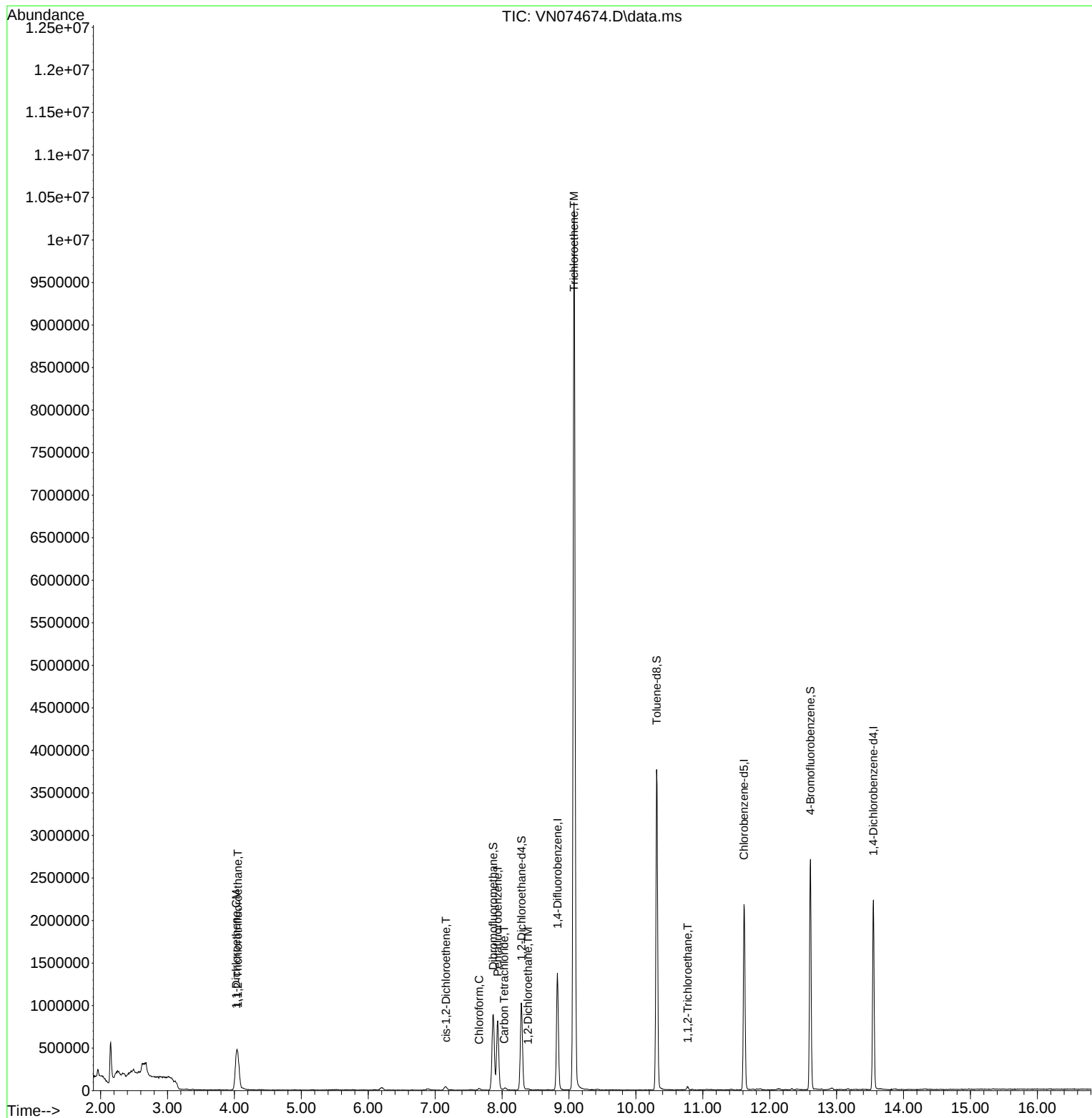
Internal Standards						
1) Pentafluorobenzene	7.933	168	586446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	1139687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	1166071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	533463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.292	65	756708	51.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.980%	
35) Dibromofluoromethane	7.869	113	626190	51.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.820%	
50) Toluene-d8	10.310	98	2448379	48.252	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.500%	
62) 4-Bromofluorobenzene	12.610	95	800316	49.742	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.480%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.051	101	207976	19.246	ug/l	91
12) 1,1-Dichloroethene	4.028	96	153556	14.020	ug/l	95
27) cis-1,2-Dichloroethene	7.163	96	21205	1.449	ug/l	93
30) Chloroform	7.657	83	16769	0.741	ug/l #	83
38) Carbon Tetrachloride	8.033	117	15447	0.873	ug/l #	79
42) 1,2-Dichloroethane	8.386	62	7502	0.375	ug/l	94
44) Trichloroethene	9.075	130	3320833	267.693	ug/l	89
55) 1,1,2-Trichloroethane	10.774	97	11855	0.818	ug/l #	89

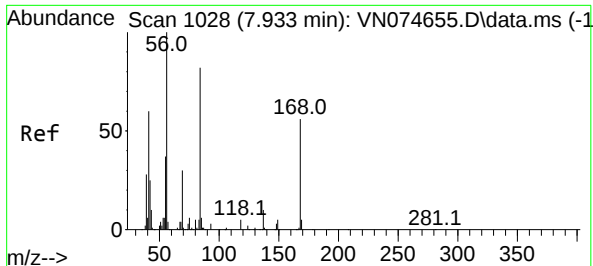
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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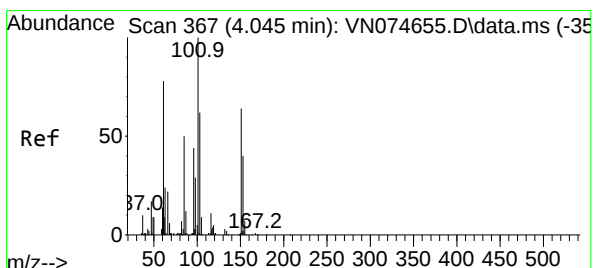
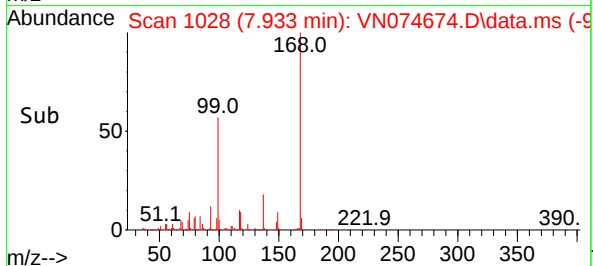
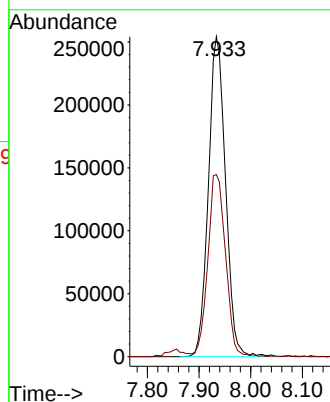
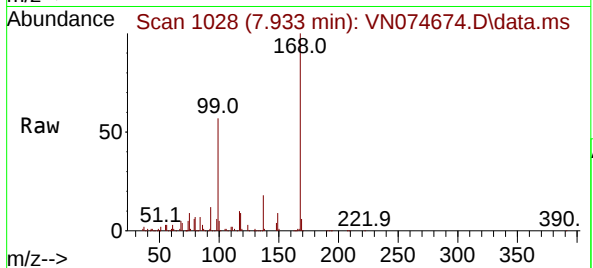




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

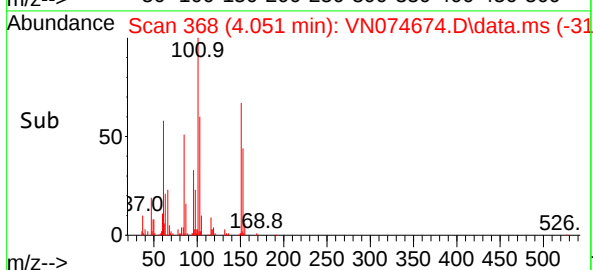
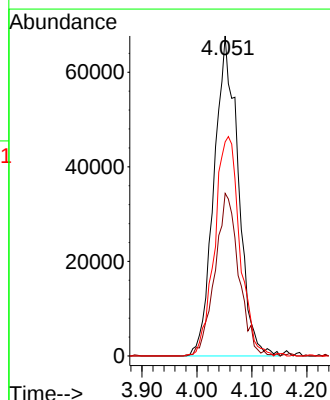
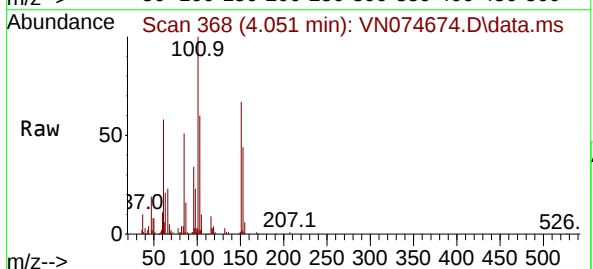
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220927

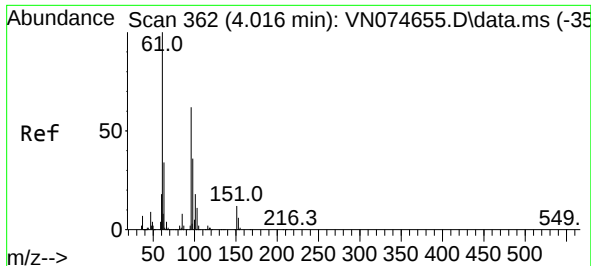
Tgt Ion:168 Resp: 586446
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.246 ug/l
RT: 4.051 min Scan# 368
Delta R.T. 0.006 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

Tgt Ion:101 Resp: 207976
Ion Ratio Lower Upper
101 100
85 50.0 34.7 52.1
151 71.2 63.0 94.4

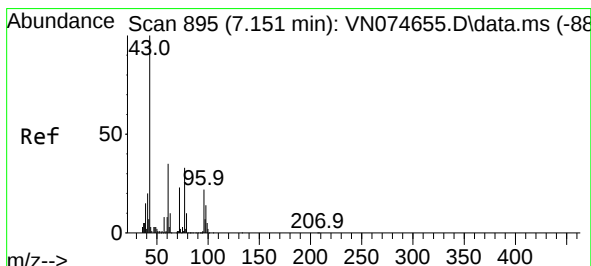
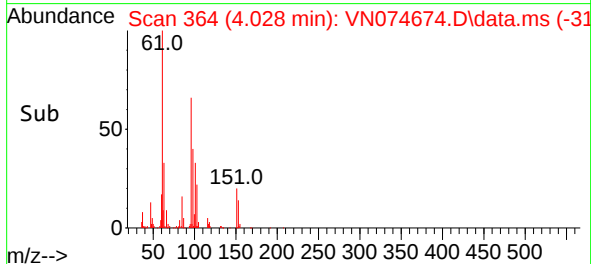
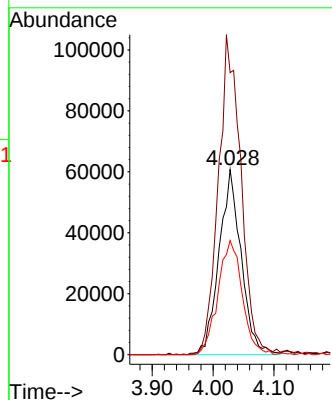
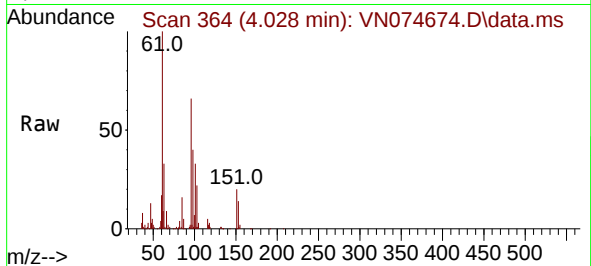




#12
1,1-Dichloroethene
Concen: 14.020 ug/l
RT: 4.028 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

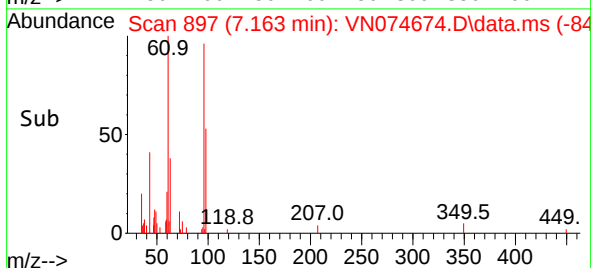
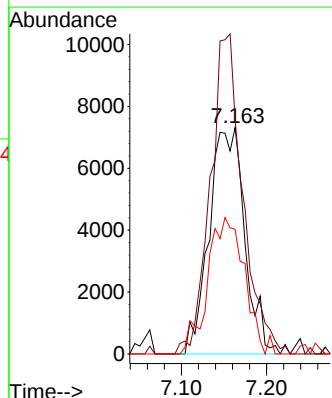
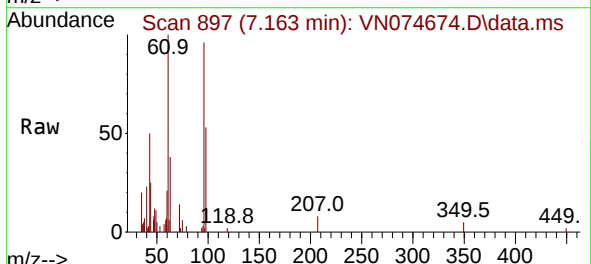
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220927

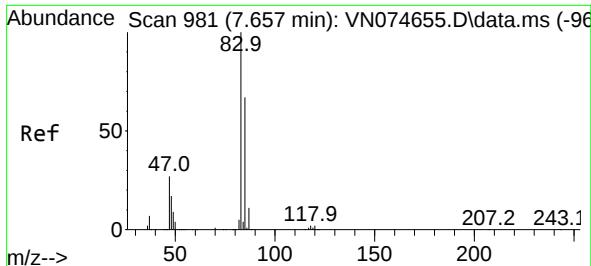
Tgt Ion: 96 Resp: 153556
Ion Ratio Lower Upper
96 100
61 152.3 127.6 191.4
98 61.6 51.2 76.8



#27
cis-1,2-Dichloroethene
Concen: 1.449 ug/l
RT: 7.163 min Scan# 897
Delta R.T. 0.012 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

Tgt Ion: 96 Resp: 21205
Ion Ratio Lower Upper
96 100
61 128.9 0.0 280.6
98 61.5 0.0 128.4

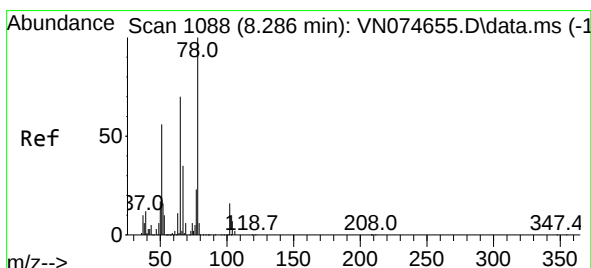
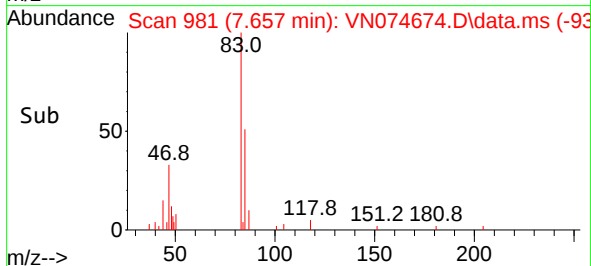
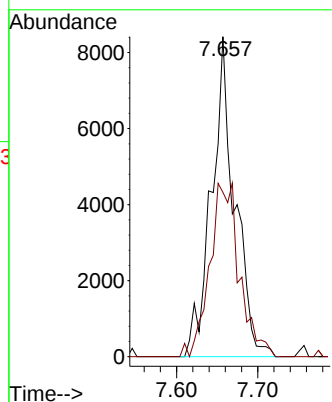
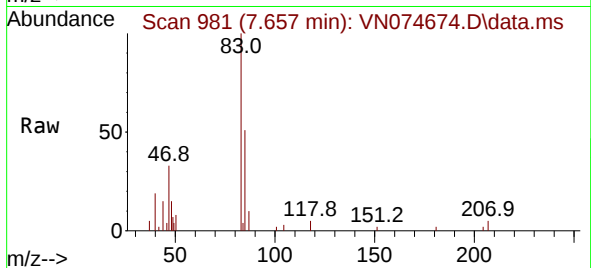




#30
Chloroform
Concen: 0.741 ug/l
RT: 7.657 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

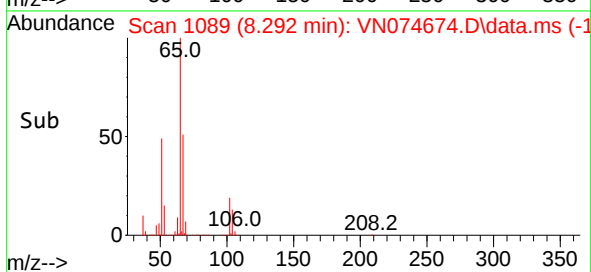
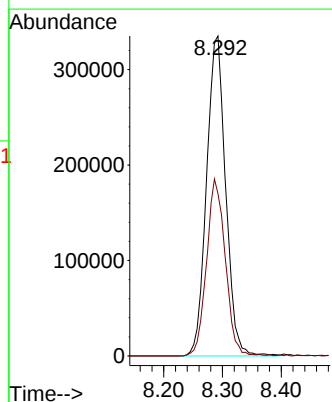
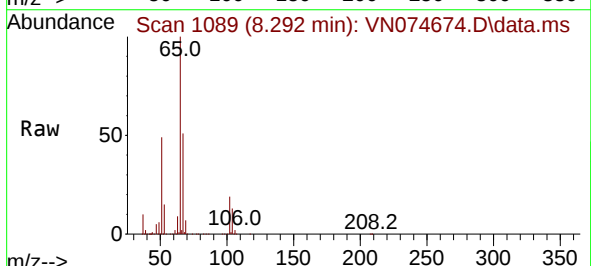
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220927

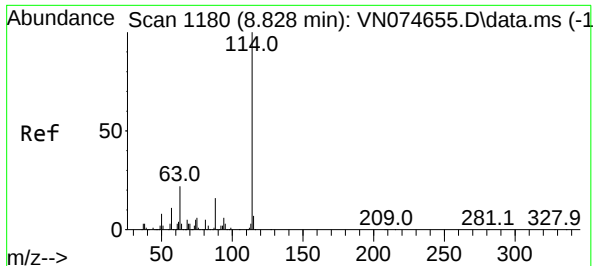
Tgt Ion: 83 Resp: 16769
Ion Ratio Lower Upper
83 100
85 51.4 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 51.485 ug/l
RT: 8.292 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

Tgt Ion: 65 Resp: 756708
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074674.D

Acq: 30 Sep 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-DUP-20220927

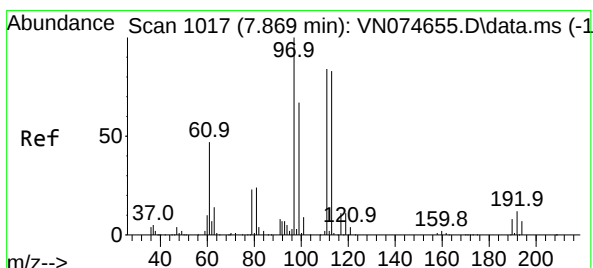
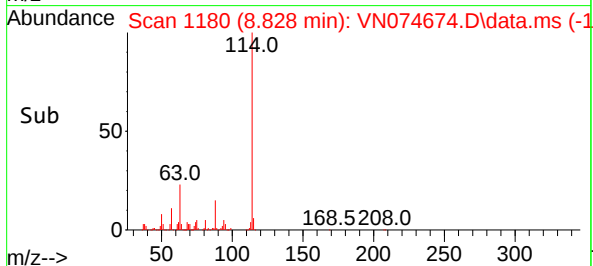
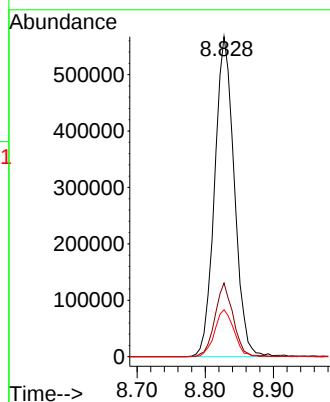
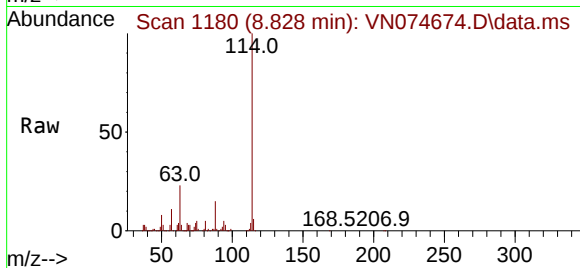
Tgt Ion:114 Resp: 1139687

Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.910 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074674.D

Acq: 30 Sep 2022 18:05

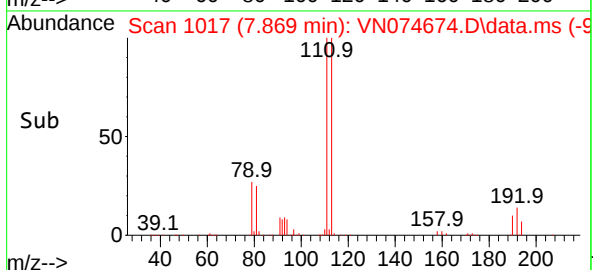
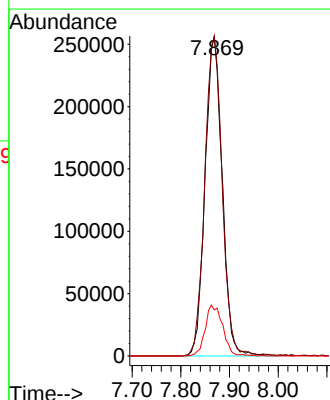
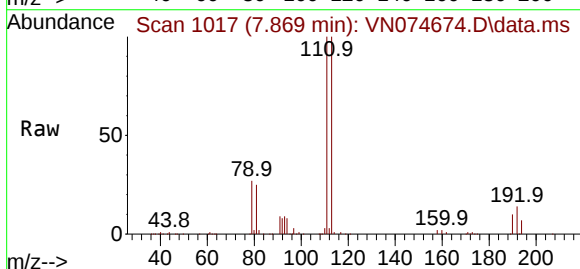
Tgt Ion:113 Resp: 626190

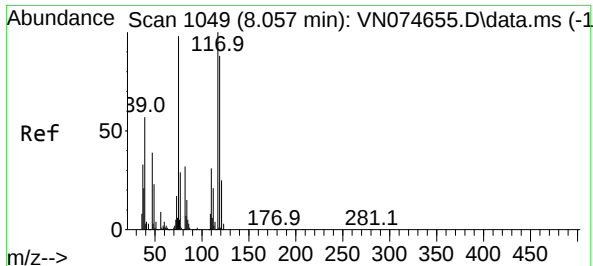
Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

192 16.3 17.0 25.6#

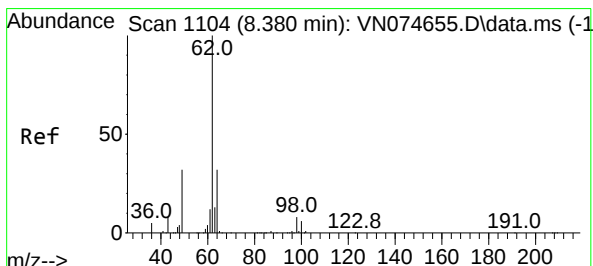
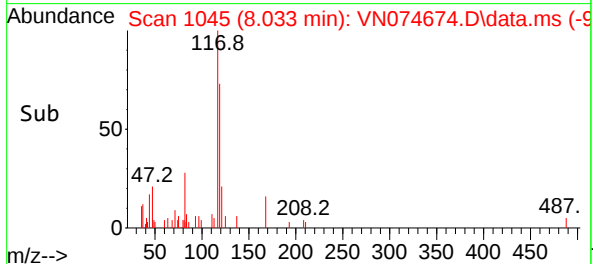
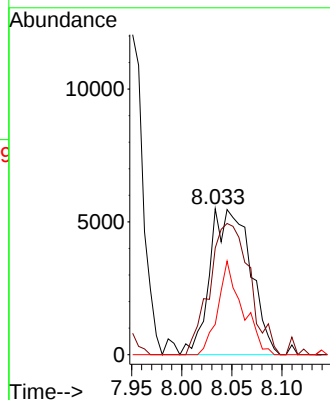
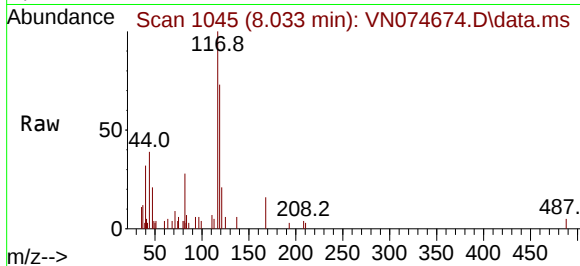




#38
Carbon Tetrachloride
Concen: 0.873 ug/l
RT: 8.033 min Scan# 1105
Delta R.T. -0.024 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

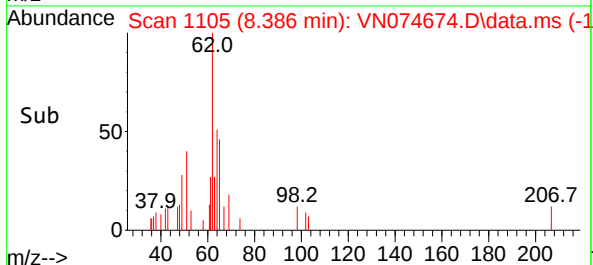
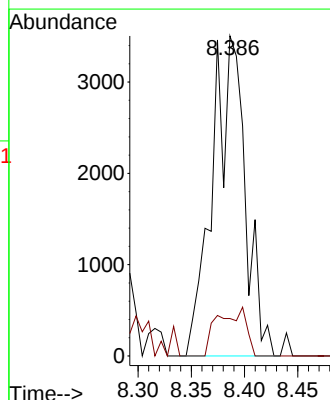
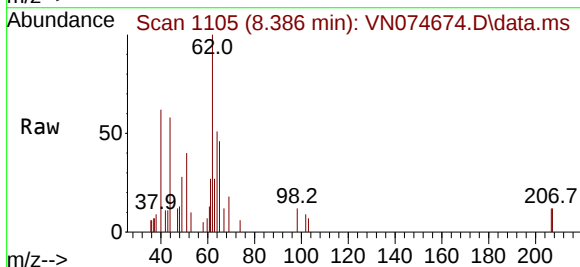
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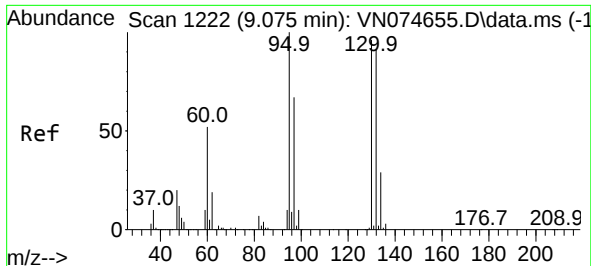
Tgt Ion:117 Resp: 15447
Ion Ratio Lower Upper
117 100
119 73.1 75.8 113.8#
121 20.8 24.6 37.0#



#42
1,2-Dichloroethane
Concen: 0.375 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

Tgt Ion: 62 Resp: 7502
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.4

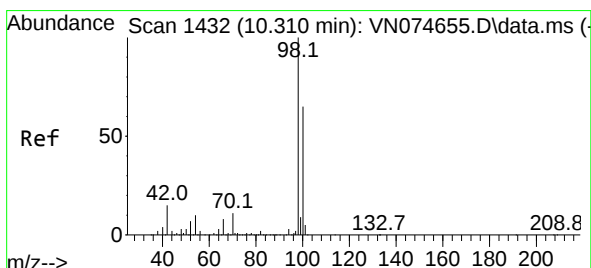
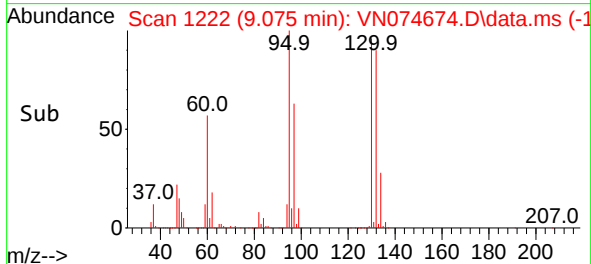
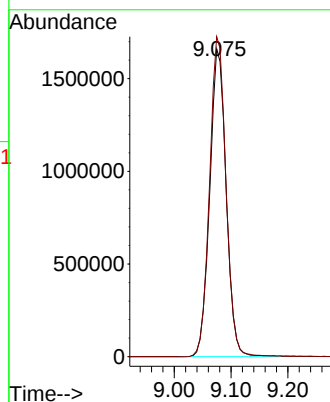
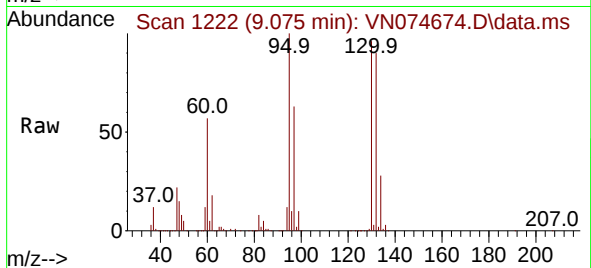




#44
Trichloroethene
Concen: 267.693 ug/l
RT: 9.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

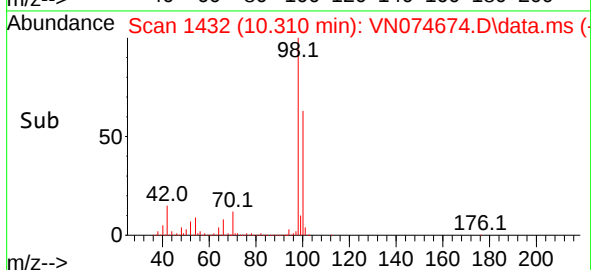
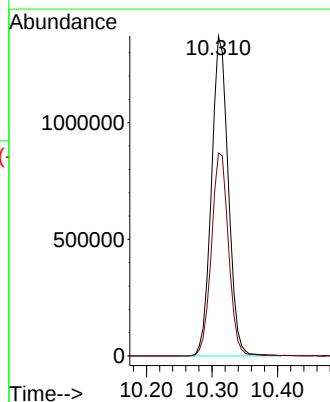
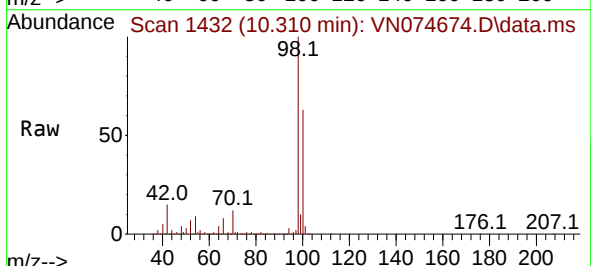
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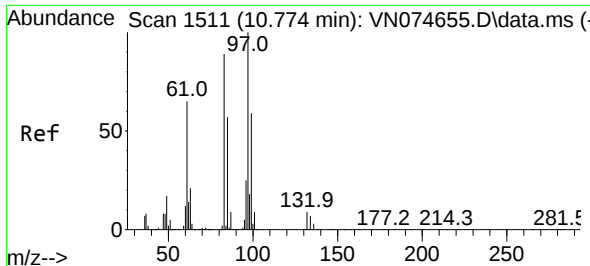
Tgt Ion:130 Resp: 3320833
Ion Ratio Lower Upper
130 100
95 103.9 0.0 186.8



#50
Toluene-d8
Concen: 48.252 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

Tgt Ion: 98 Resp: 2448379
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

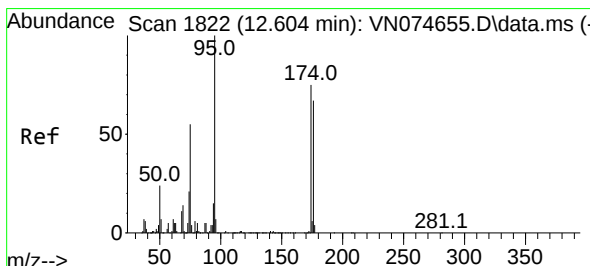
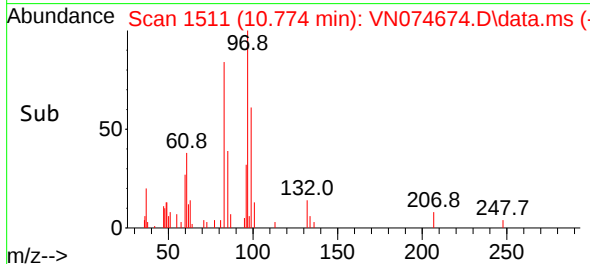
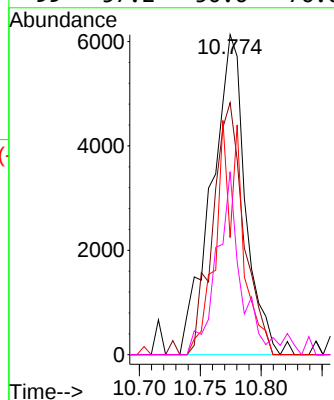
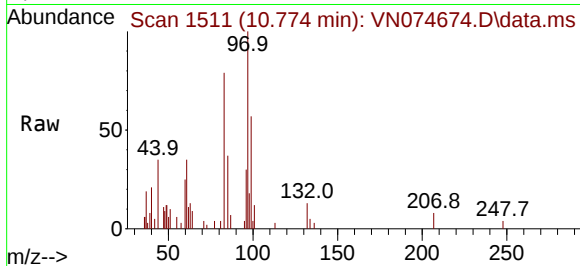




#55
1,1,2-Trichloroethane
Concen: 0.818 ug/l
RT: 10.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

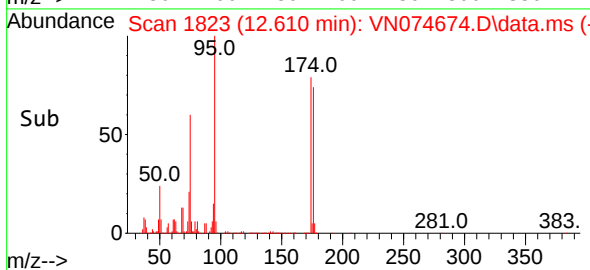
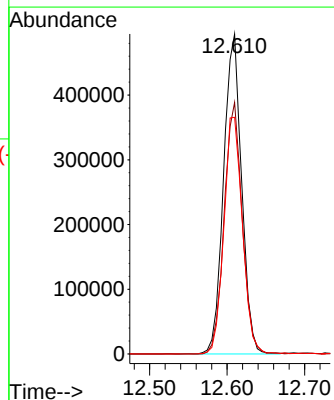
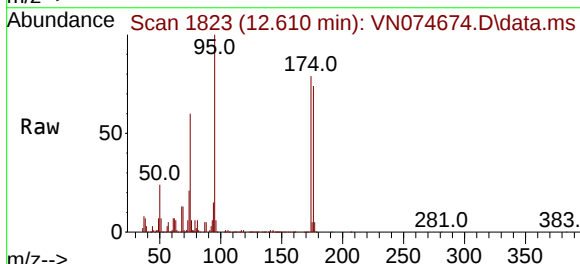
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220927

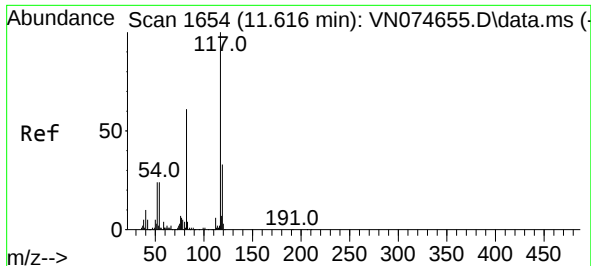
Tgt Ion: 97	Resp: 11855
Ion Ratio	Lower Upper
97 100	
83 78.7	66.2 99.4
85 36.6	43.9 65.9#
99 57.2	50.6 76.0



#62
4-Bromofluorobenzene
Concen: 49.742 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

Tgt Ion: 95	Resp: 800316
Ion Ratio	Lower Upper
95 100	
174 78.7	0.0 167.6
176 76.5	0.0 163.4

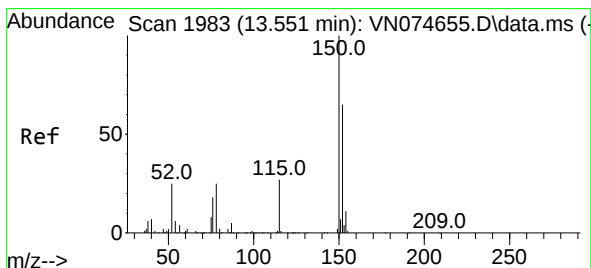
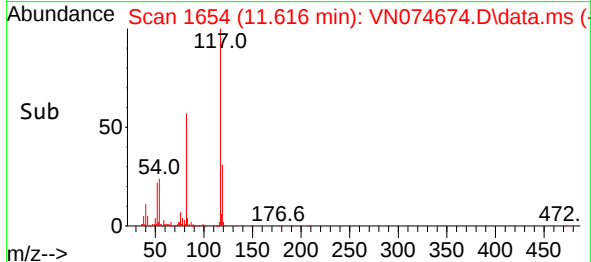
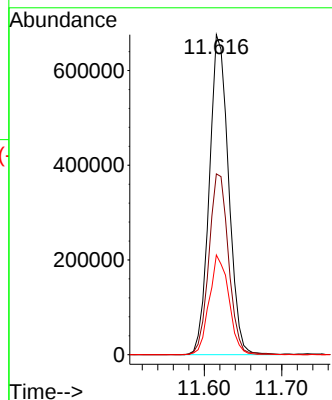
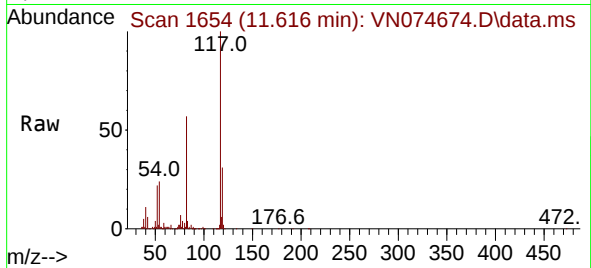




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1166071
Delta R.T. -0.000 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220927

Tgt Ion:117 Resp: 1166071
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN074674.D
Acq: 30 Sep 2022 18:05

Tgt Ion:152 Resp: 533463
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 157.4 0.0 356.2

