

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065943.D
 Acq On : 18 Feb 2021 16:11
 Operator : JC/MD
 Sample : M1431-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-BR2-AQ-BR-021621

Quant Time: Feb 19 00:17:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.630	168	216078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	359549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	321315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	120934	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	137672	45.56	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.12%
35) Dibromofluoromethane	7.553	113	108928	48.95	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.90%
50) Toluene-d8	10.058	98	446088	48.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.68%
62) 4-Bromofluorobenzene	12.373	95	151114	44.07	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.14%

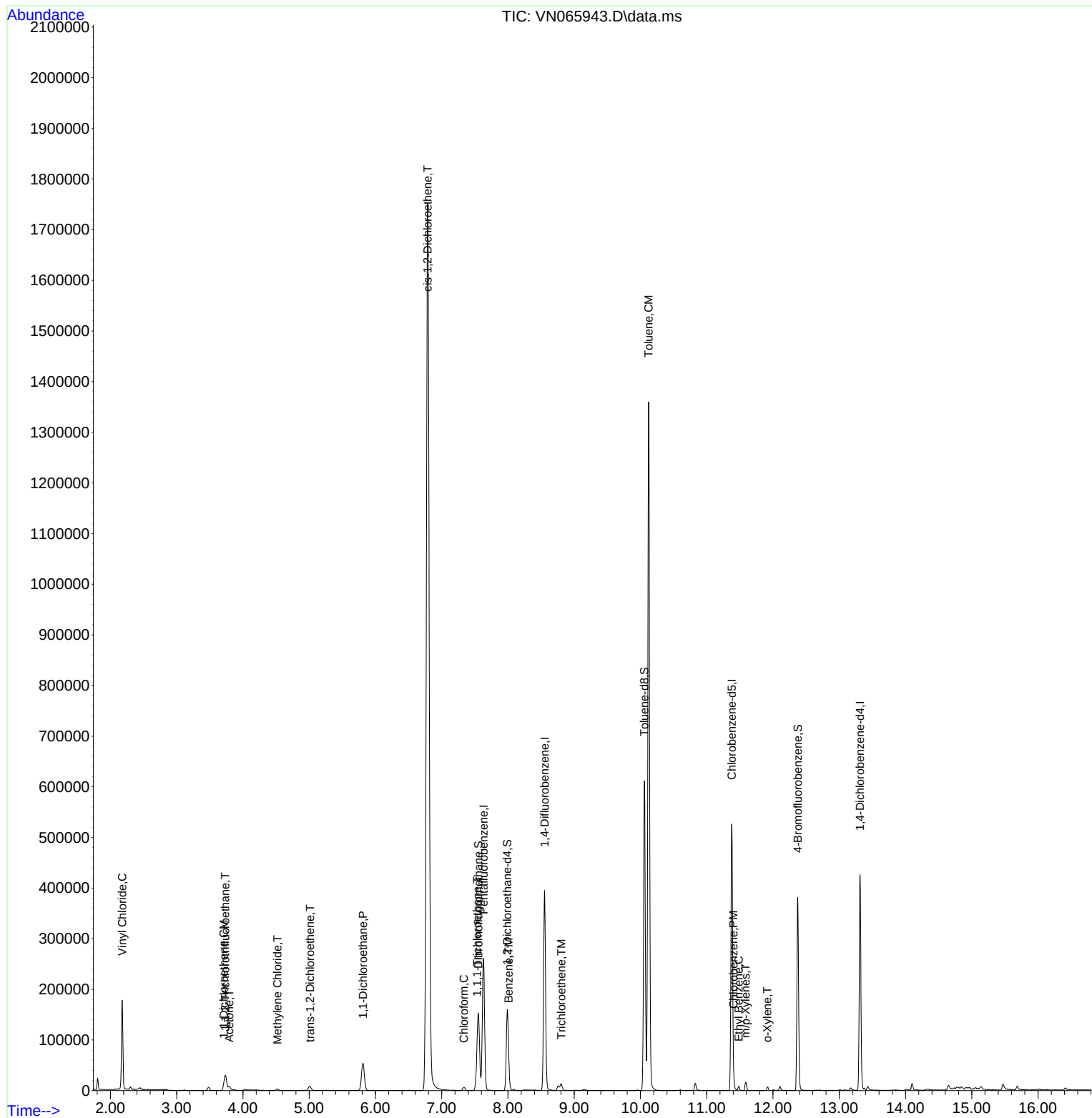
Target Compounds						Qvalue
4) Vinyl Chloride	2.177	62	159805	45.77	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.734	101	17757	7.72	ug/l	99
12) 1,1-Dichloroethene	3.711	96	2882	1.19	ug/l	94
16) Acetone	3.795	43	14146	13.38	ug/l	95
20) Methylene Chloride	4.521	84	2698	0.96	ug/l	95
21) trans-1,2-Dichloroethene	5.013	96	6222	2.44	ug/l #	92
24) 1,1-Dichloroethane	5.811	63	88486	18.48	ug/l	98
27) cis-1,2-Dichloroethene	6.788	96	1225961	421.95	ug/l	96
30) Chloroform	7.335	83	8359	1.77	ug/l	99
32) 1,1,1-Trichloroethane	7.534	97	31548	7.95	ug/l	98
40) Benzene	8.010	78	8688	0.80	ug/l	95
44) Trichloroethene	8.807	130	4848	1.80	ug/l	95
52) Toluene	10.122	92	623777	93.38	ug/l	97
65) Chlorobenzene	11.402	112	2624	0.39	ug/l	97
67) Ethyl Benzene	11.482	91	6433	0.53	ug/l	96
68) m/p-Xylenes	11.589	106	5458	1.20	ug/l	91
69) o-Xylene	11.916	106	2149	0.49	ug/l	81

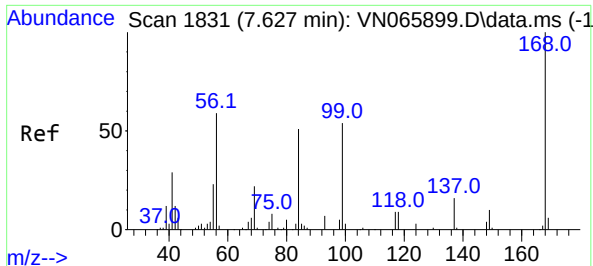
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 00:17:16 2021
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Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

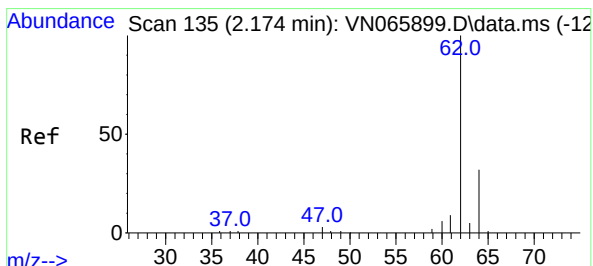
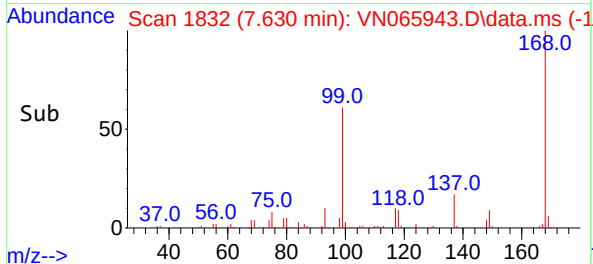
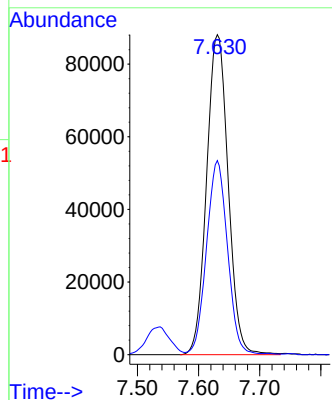
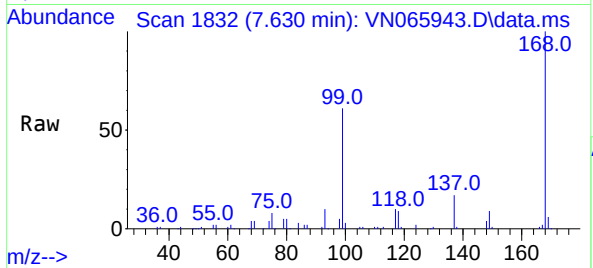




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

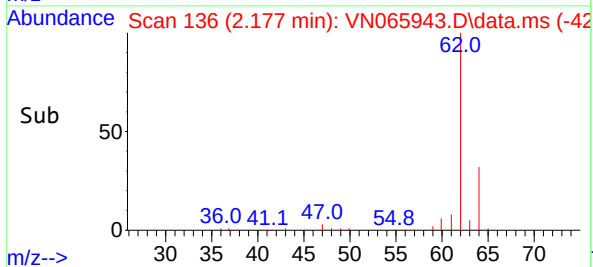
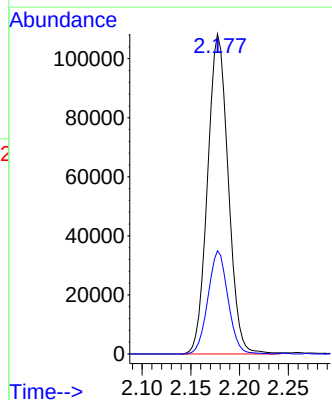
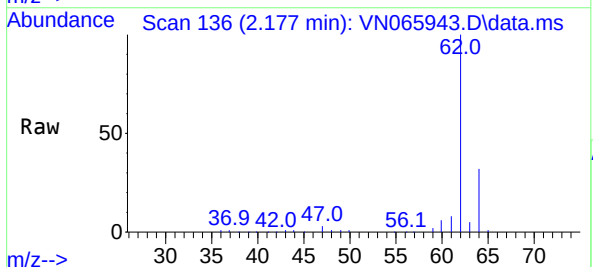
Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

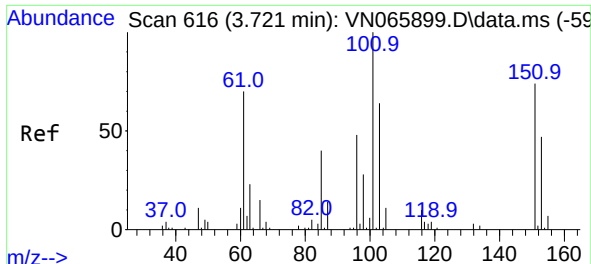
Tgt Ion:168 Resp: 216078
Ion Ratio Lower Upper
168 100
99 60.5 42.6 63.8



#4
Vinyl Chloride
Concen: 45.77 ug/l
RT: 2.177 min Scan# 136
Delta R.T. 0.003 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 62 Resp: 159805
Ion Ratio Lower Upper
62 100
64 32.3 25.1 37.7

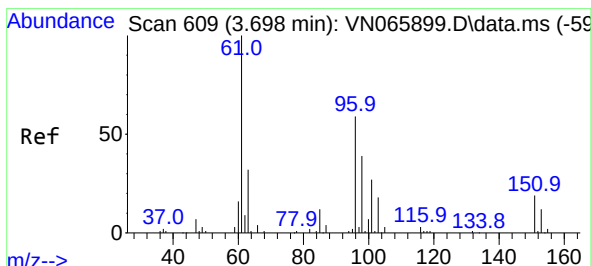
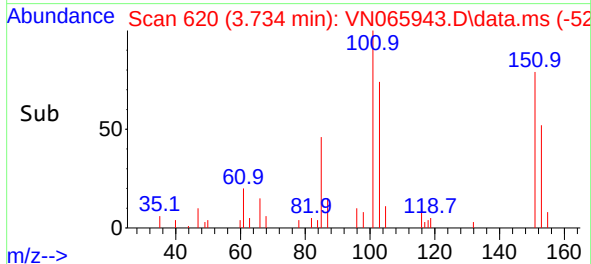
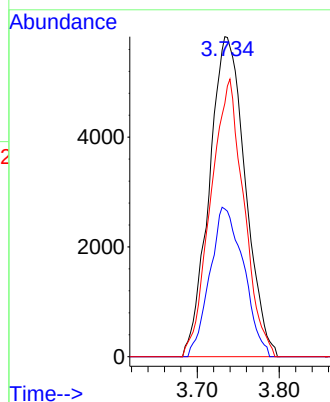
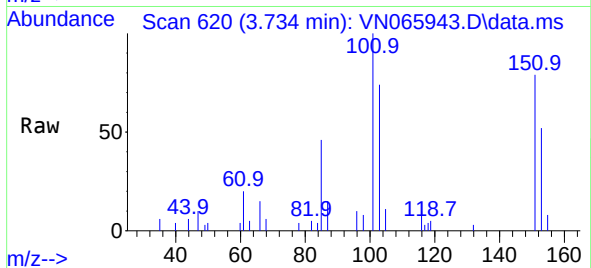




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.72 ug/l
RT: 3.734 min Scan# 620
Delta R.T. 0.013 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

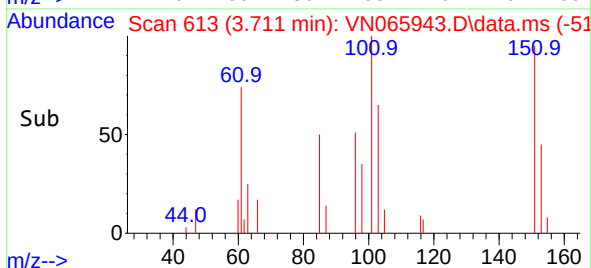
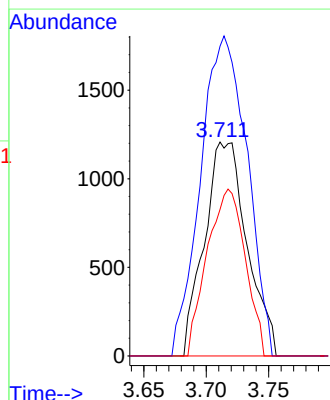
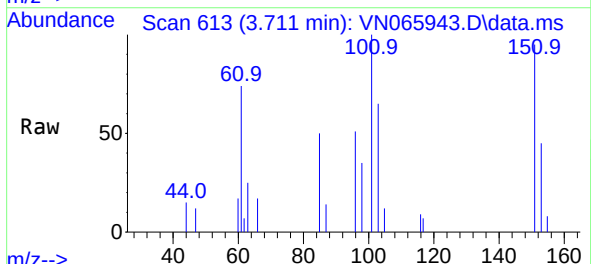
Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

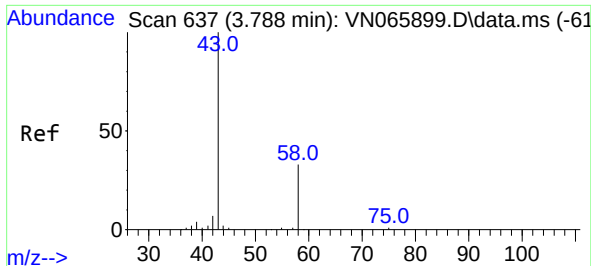
Tgt Ion:101 Resp: 17757
Ion Ratio Lower Upper
101 100
85 43.9 34.6 51.8
151 80.2 63.5 95.3



#12
1,1-Dichloroethene
Concen: 1.19 ug/l
RT: 3.711 min Scan# 613
Delta R.T. 0.013 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 96 Resp: 2882
Ion Ratio Lower Upper
96 100
61 144.8 122.5 183.7
98 68.5 50.8 76.2

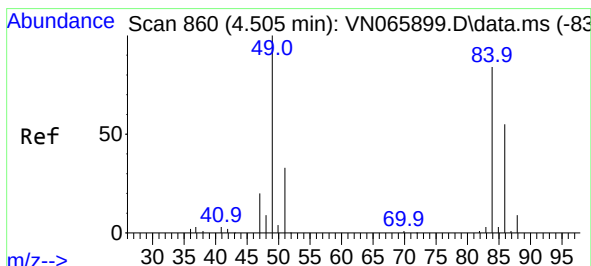
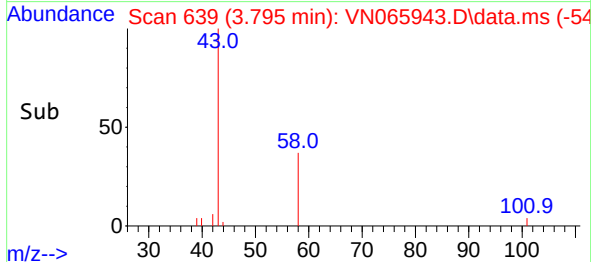
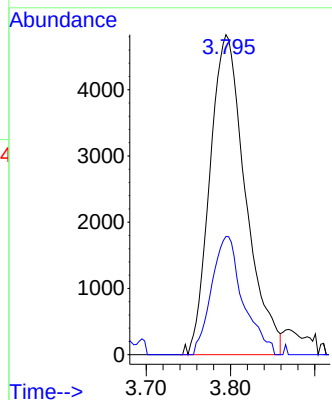
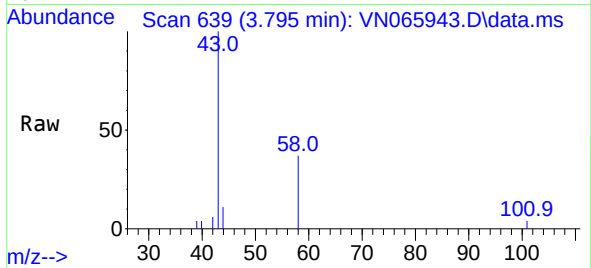




#16
Acetone
Concen: 13.38 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

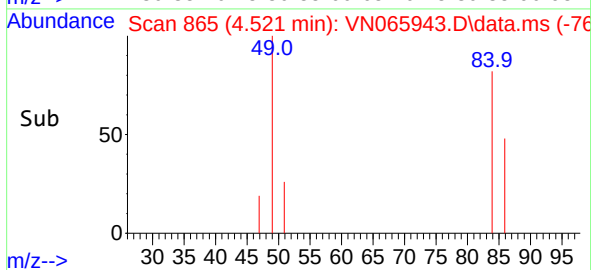
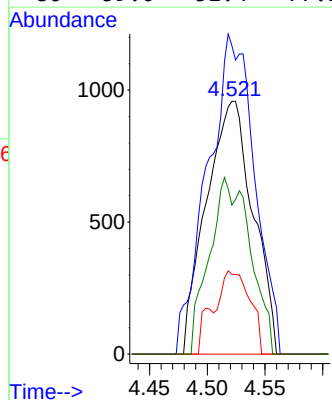
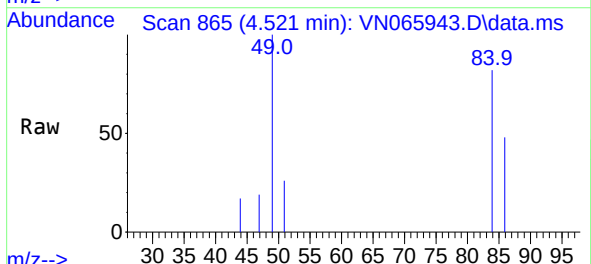
Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

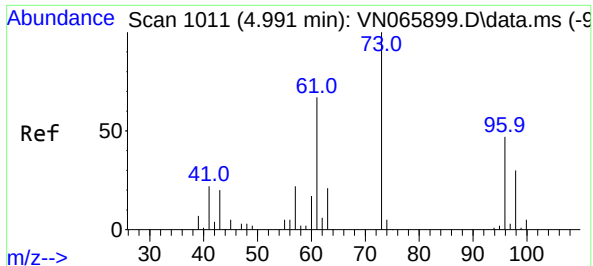
Tgt Ion: 43 Resp: 14146
Ion Ratio Lower Upper
43 100
58 36.9 27.0 40.6



#20
Methylene Chloride
Concen: 0.96 ug/l
RT: 4.521 min Scan# 865
Delta R.T. 0.016 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 84 Resp: 2698
Ion Ratio Lower Upper
84 100
49 122.0 94.6 141.8
51 31.6 29.9 44.9
86 59.0 51.4 77.2

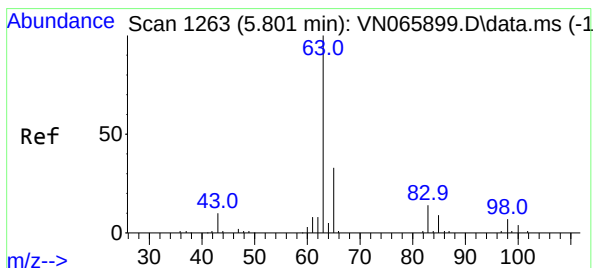
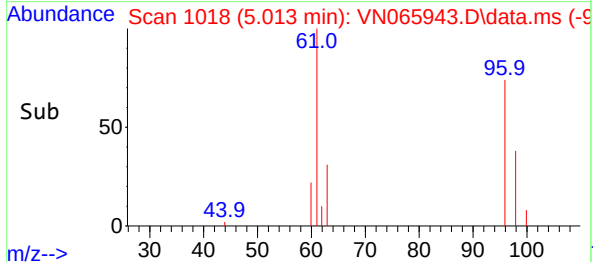
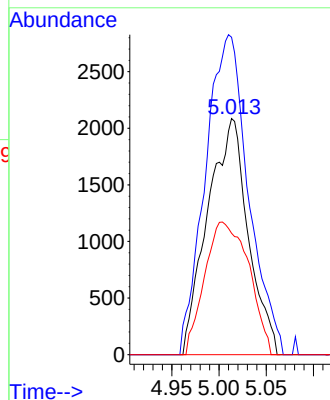
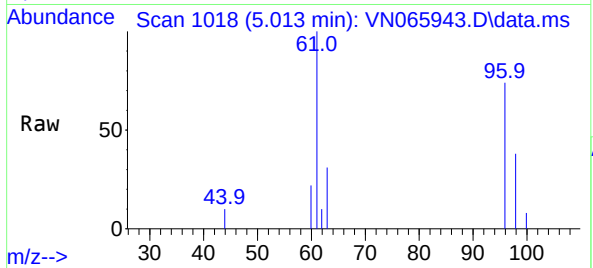




#21
trans-1,2-Dichloroethene
Concen: 2.44 ug/l
RT: 5.013 min Scan# 1018
Delta R.T. 0.022 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

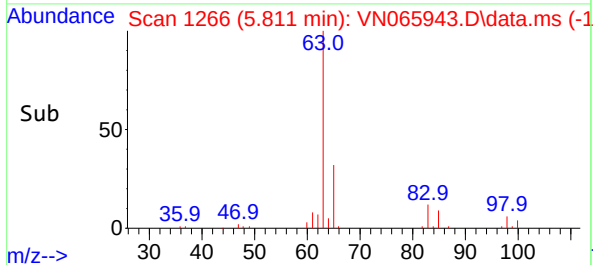
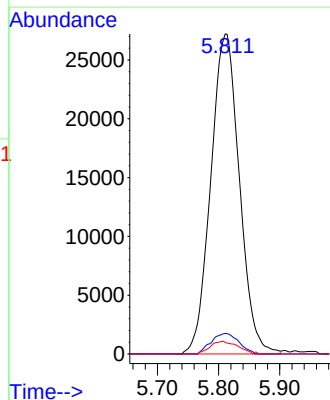
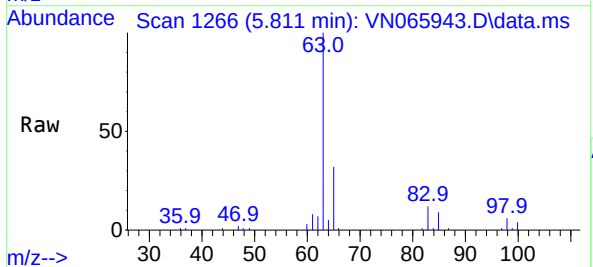
Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

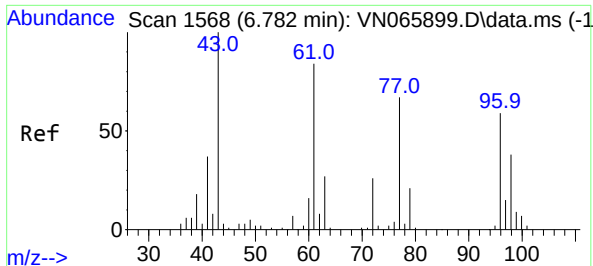
Tgt Ion: 96 Resp: 6222
Ion Ratio Lower Upper
96 100
61 134.4 104.9 157.3
98 51.4 51.8 77.8#



#24
1,1-Dichloroethane
Concen: 18.48 ug/l
RT: 5.811 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 63 Resp: 88486
Ion Ratio Lower Upper
63 100
98 6.4 3.5 10.4
100 3.7 2.3 6.9



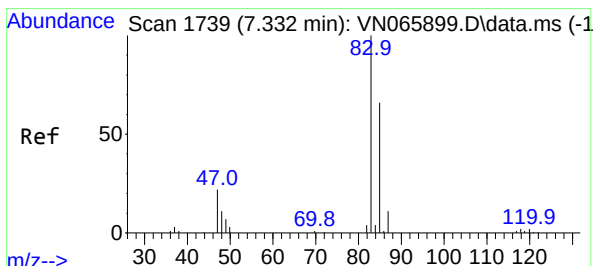
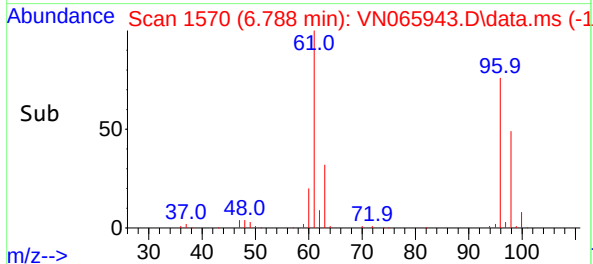
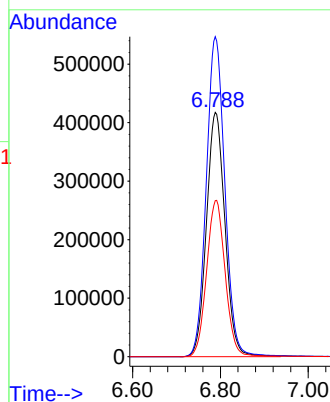
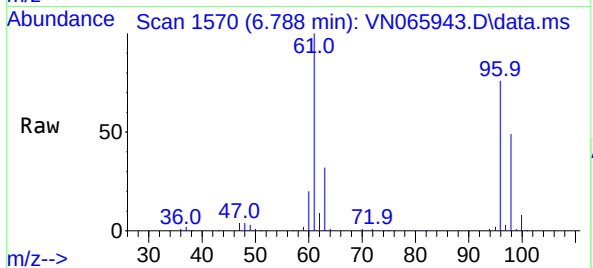


#27
cis-1,2-Dichloroethene
Concen: 421.95 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

Tgt Ion: 96 Resp: 1225961

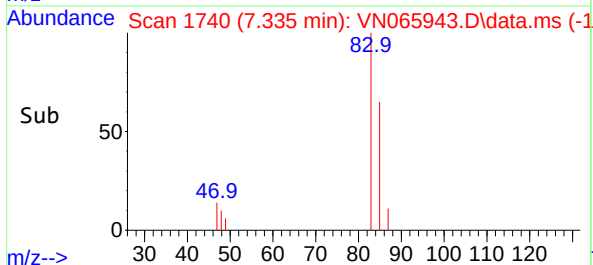
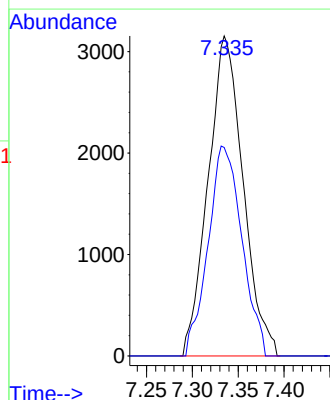
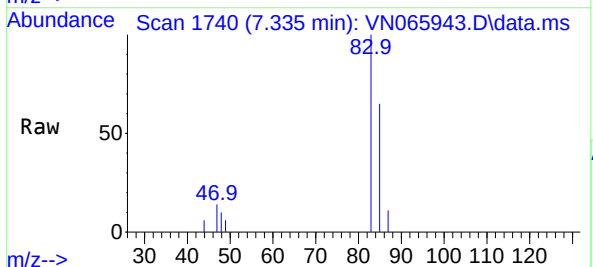
Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	276.8
98	64.2	0.0	129.4

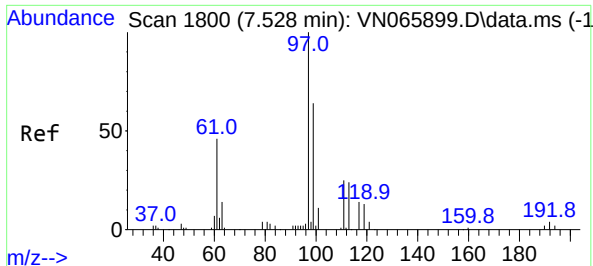


#30
Chloroform
Concen: 1.77 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 83 Resp: 8359

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.6	78.8



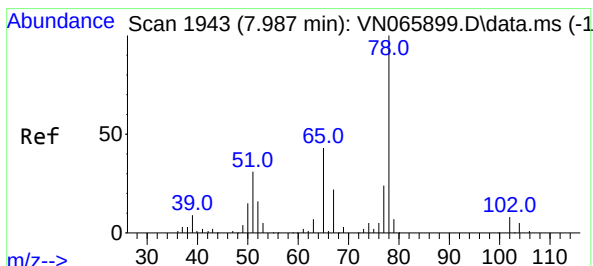
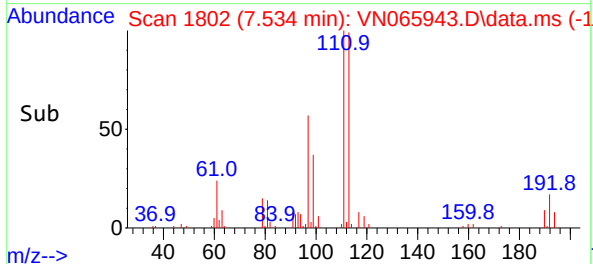
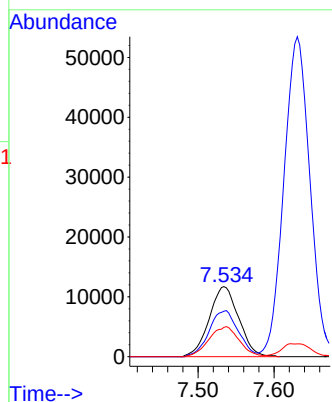
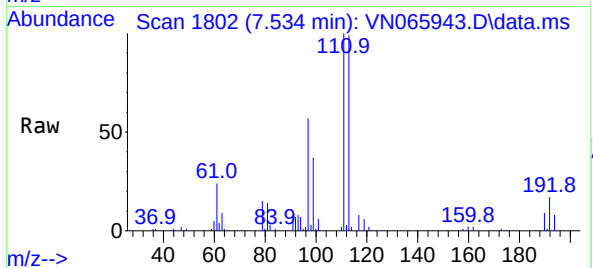


#32
1,1,1-Trichloroethane
Concen: 7.95 ug/l
RT: 7.534 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

Tgt Ion: 97 Resp: 31548

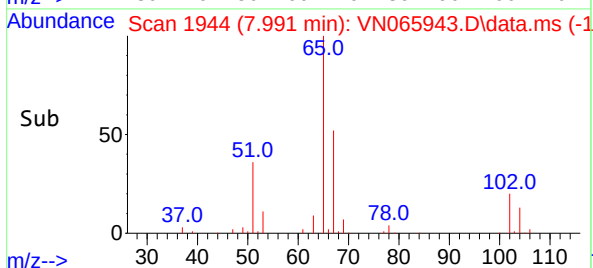
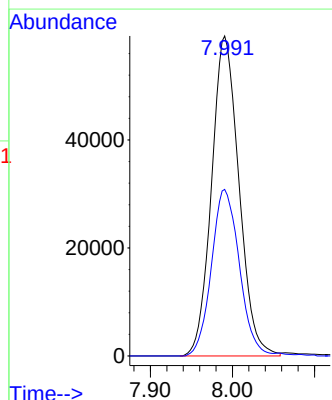
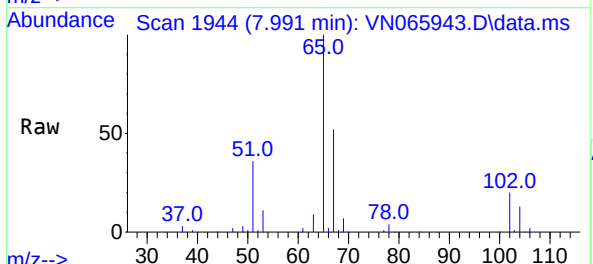
Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.8	76.2
61	43.9	34.3	51.5

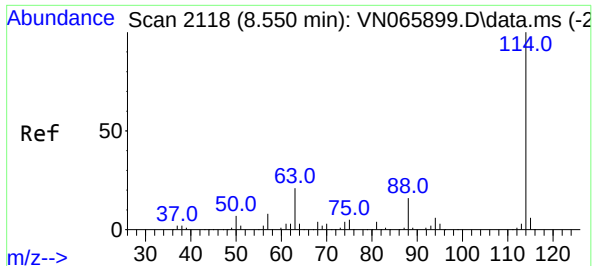


#33
1,2-Dichloroethane-d4
Concen: 45.56 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 65 Resp: 137672

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.2



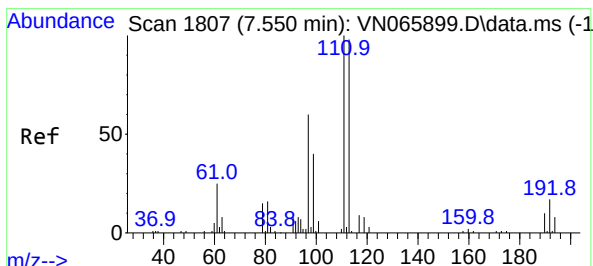
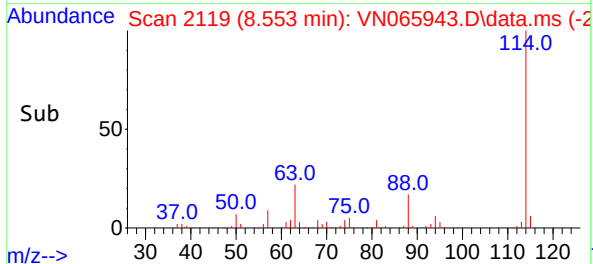
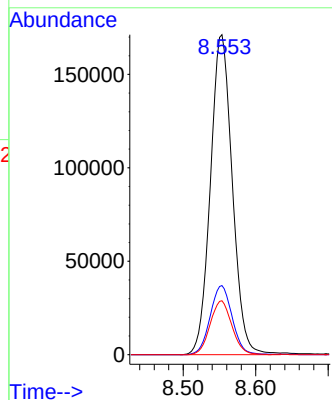
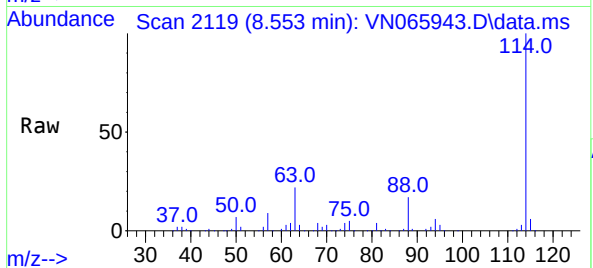


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

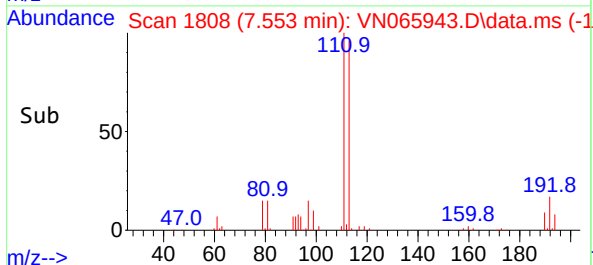
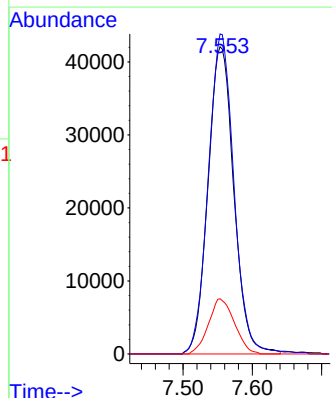
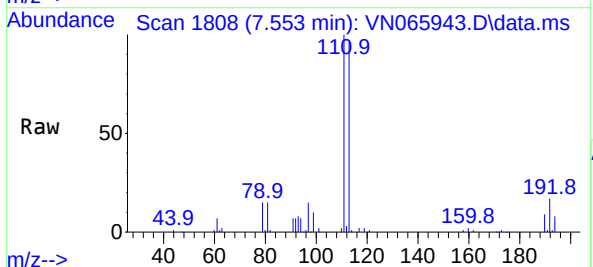
Tgt Ion:114 Resp: 359549
Ion Ratio Lower Upper
114 100
63 21.6 0.0 38.6
88 16.9 0.0 30.6

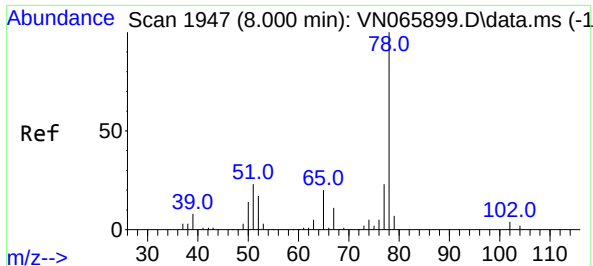


#35

Dibromofluoromethane
Concen: 48.95 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion:113 Resp: 108928
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.1 15.4 23.0

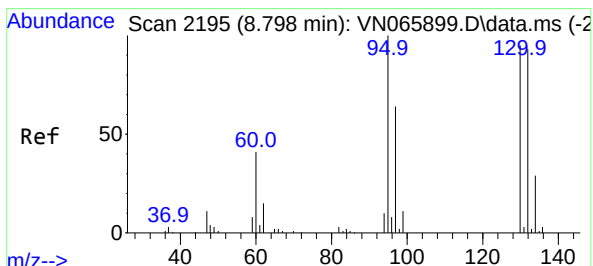
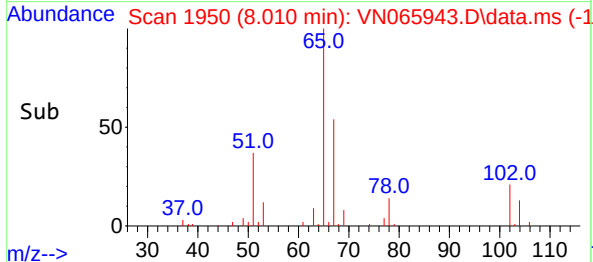
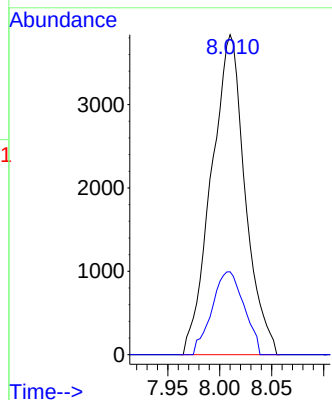
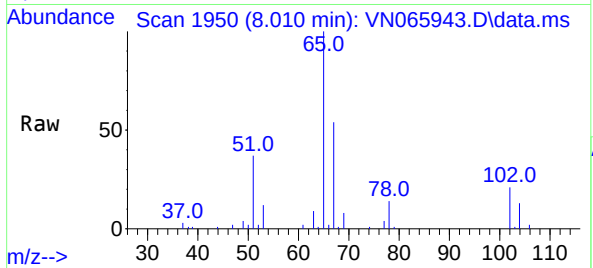




#40
Benzene
Concen: 0.80 ug/l
RT: 8.010 min Scan# 1950
Delta R.T. 0.010 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

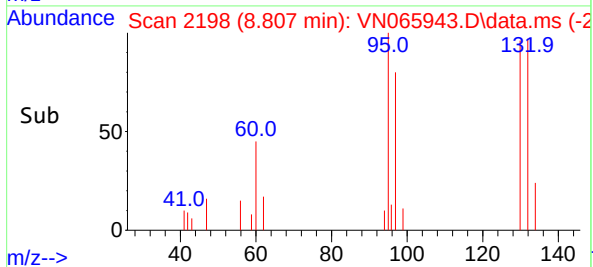
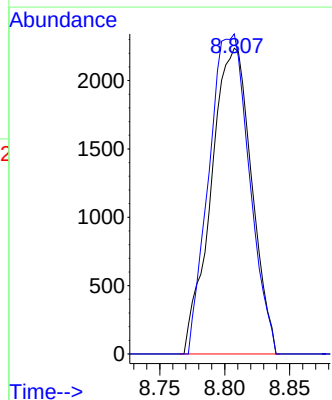
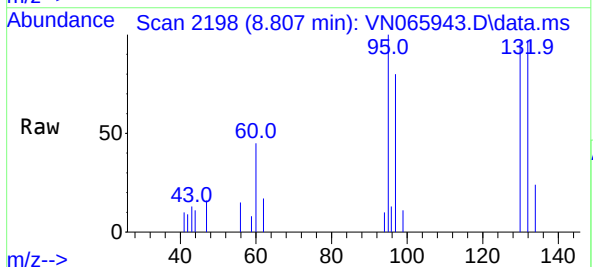
Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

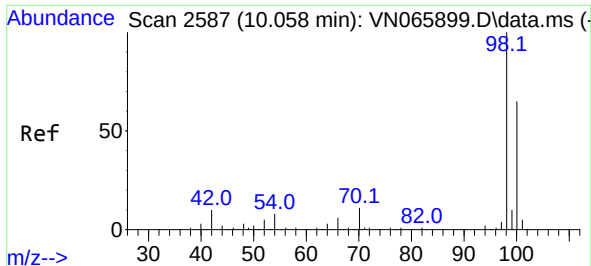
Tgt Ion: 78 Resp: 8688
Ion Ratio Lower Upper
78 100
77 25.9 19.0 28.4



#44
Trichloroethene
Concen: 1.80 ug/l
RT: 8.807 min Scan# 2198
Delta R.T. 0.009 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 130 Resp: 4848
Ion Ratio Lower Upper
130 100
95 104.6 0.0 199.6

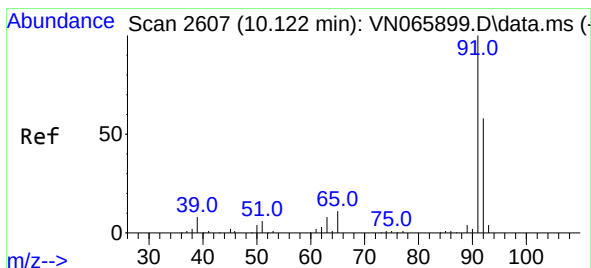
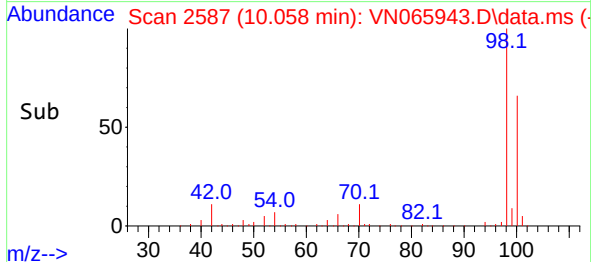
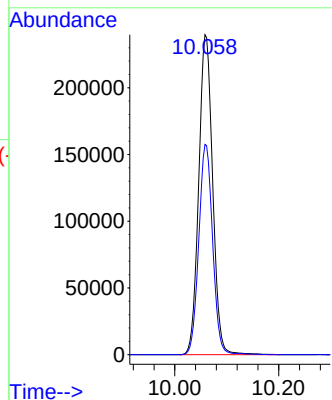
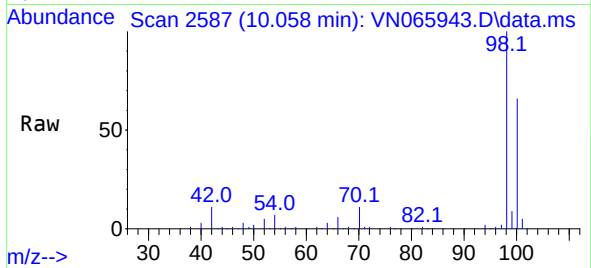




#50
Toluene-d8
Concen: 48.84 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

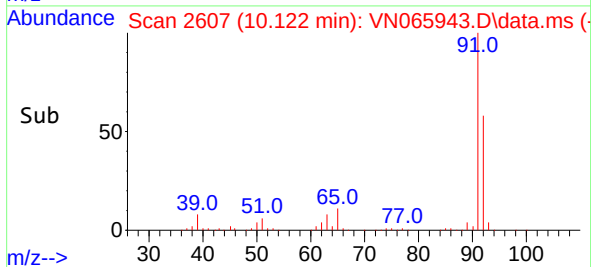
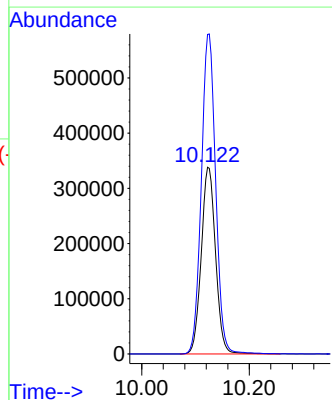
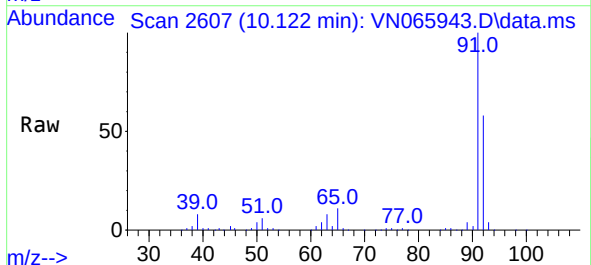
Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

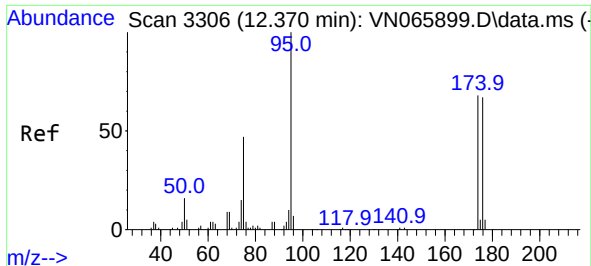
Tgt Ion: 98 Resp: 446088
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7



#52
Toluene
Concen: 93.38 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 92 Resp: 623777
Ion Ratio Lower Upper
92 100
91 172.0 140.7 211.1

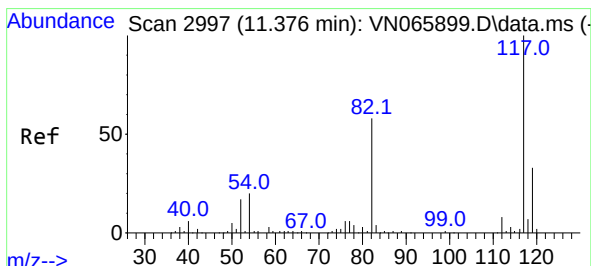
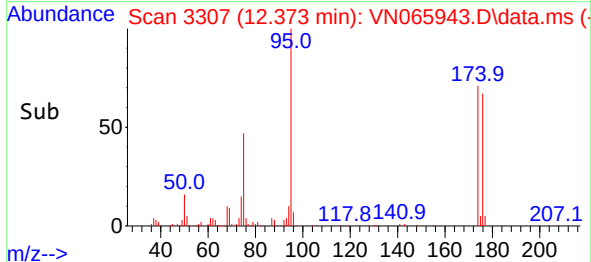
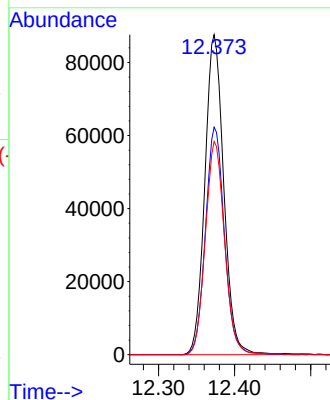
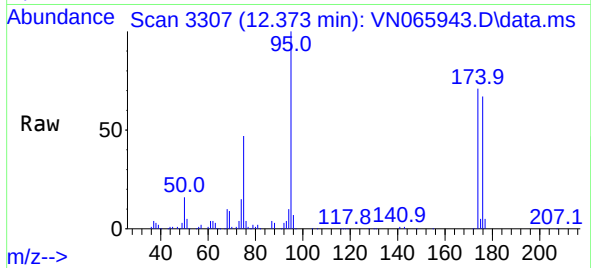




#62
4-Bromofluorobenzene
Concen: 44.07 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

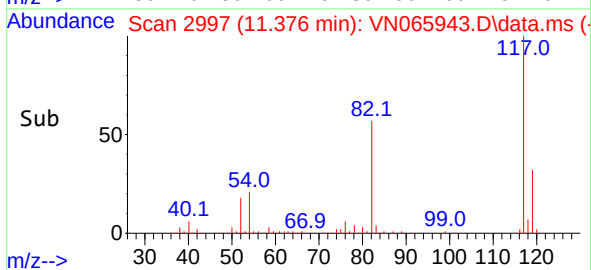
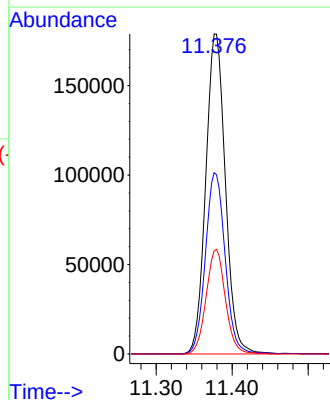
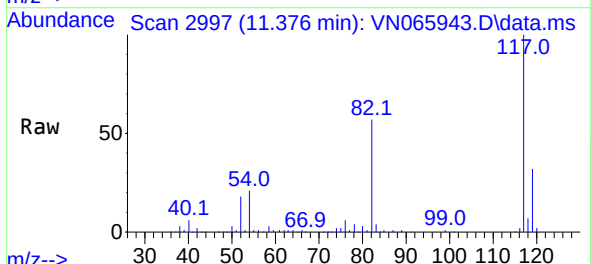
Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

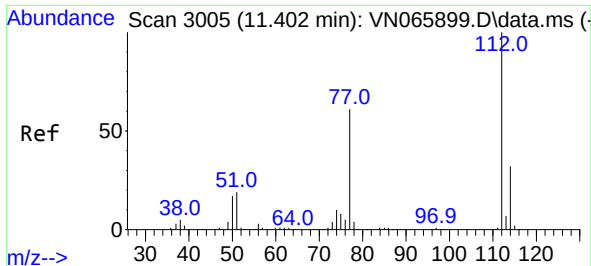
Tgt Ion: 95 Resp: 151114
Ion Ratio Lower Upper
95 100
174 71.3 0.0 169.0
176 67.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 117 Resp: 321315
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 32.2 26.1 39.1

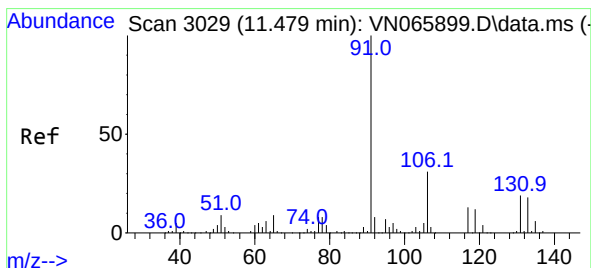
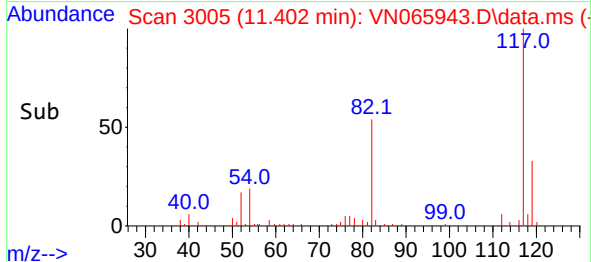
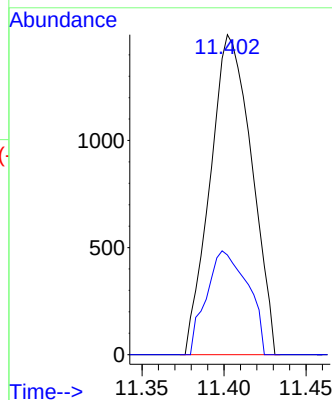
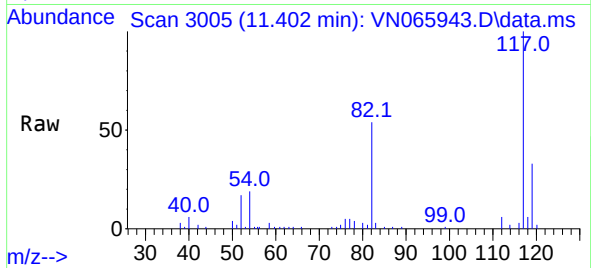




#65
Chlorobenzene
Concen: 0.39 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

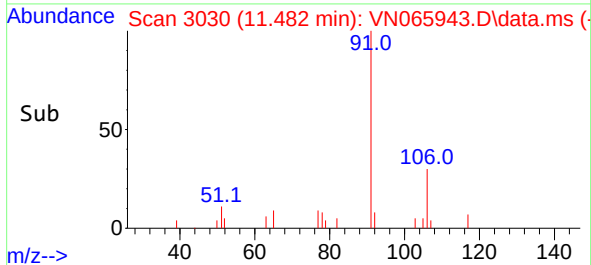
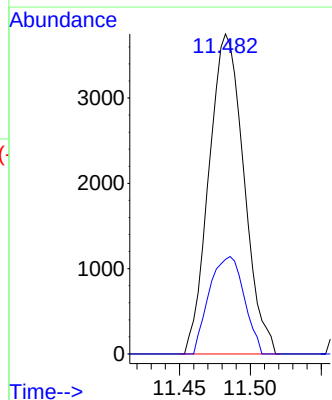
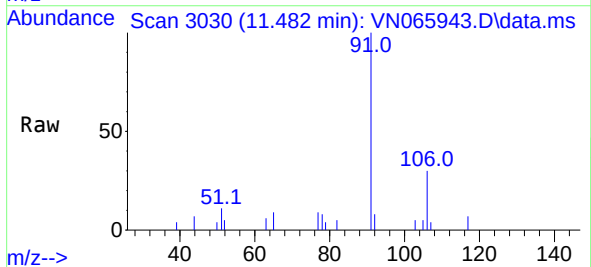
Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

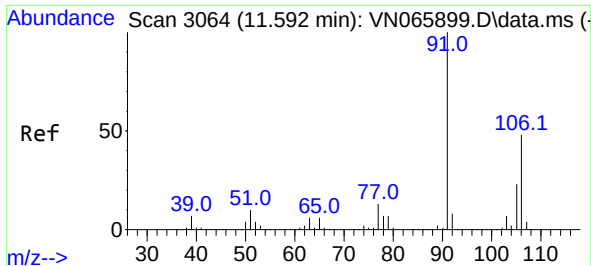
Tgt Ion:112 Resp: 2624
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#67
Ethyl Benzene
Concen: 0.53 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

Tgt Ion: 91 Resp: 6433
Ion Ratio Lower Upper
91 100
106 29.6 25.5 38.3

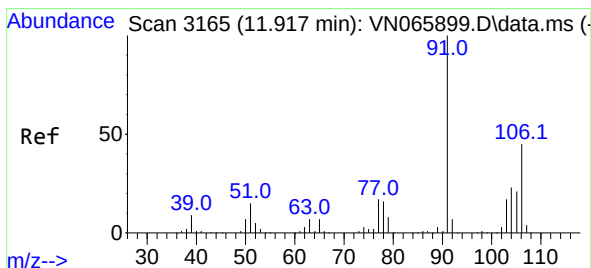
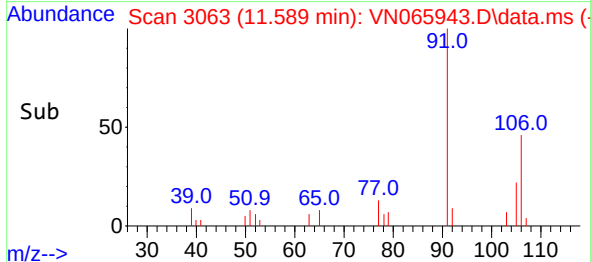
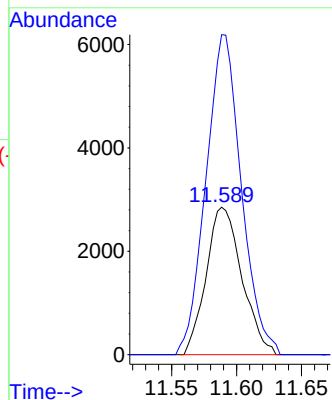
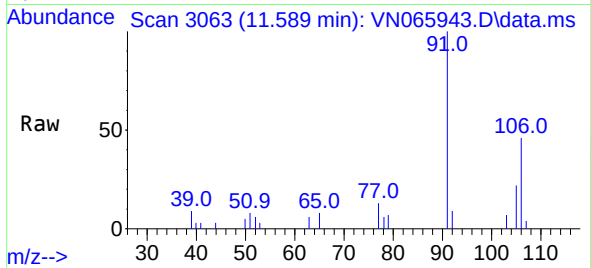




#68
m/p-Xylenes
Concen: 1.20 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

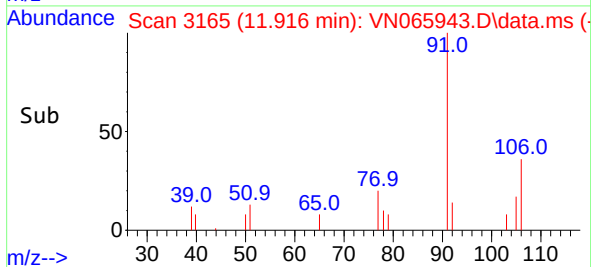
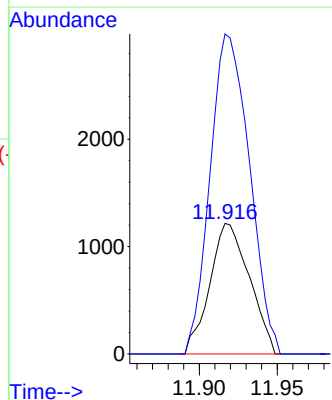
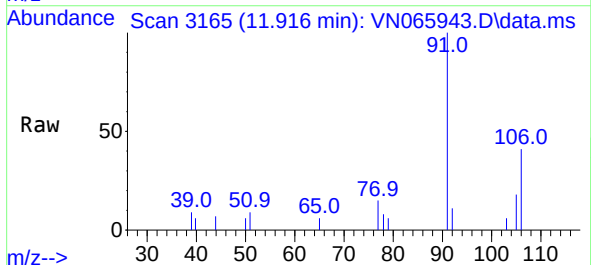
Instrument :
MSVOA_N
ClientSampleId :
IDW-BR2-AQ-BR-021621

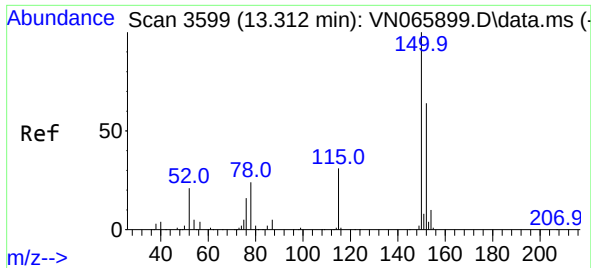
Tgt Ion:106 Resp: 5458
Ion Ratio Lower Upper
106 100
91 214.8 161.4 242.0



#69
o-Xylene
Concen: 0.49 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. -0.001 min
Lab File: VN065943.D
Acq: 18 Feb 2021 16:11

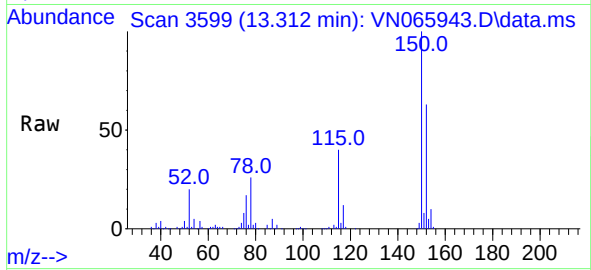
Tgt Ion:106 Resp: 2149
Ion Ratio Lower Upper
106 100
91 244.1 106.8 320.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.312 min Scan# 3599
 Delta R.T. -0.000 min
 Lab File: VN065943.D
 Acq: 18 Feb 2021 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-BR2-AQ-BR-021621



Tgt Ion:152 Resp: 120934

Ion	Ratio	Lower	Upper
152	100		
115	62.7	28.5	85.6
150	160.9	0.0	347.6

