

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065109.D
 Acq On : 14 Dec 2020 18:41
 Operator : JC/MD
 Sample : L5040-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Manual Integrations
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Quant Time: Dec 15 05:52:03 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	171830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	271554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	373305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	187787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	156274	79.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 158.22%#		
35) Dibromofluoromethane	7.550	113	118618	62.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 125.68%		
50) Toluene-d8	10.058	98	368412	55.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 110.40%		
62) 4-Bromofluorobenzene	12.376	95	206447	89.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 179.62%#		
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.165	62	16310	10.23	ug/l	96
6) Chloroethane	2.669	64	1601m	1.86	ug/l	
12) 1,1-Dichloroethene	3.701	96	88707	56.07	ug/l #	76
24) 1,1-Dichloroethane	5.801	63	63315	20.60	ug/l	97
27) cis-1,2-Dichloroethene	6.778	96	27179	14.52	ug/l	91
39) Methylcyclohexane	9.042	83	885	0.31	ug/l #	80
40) Benzene	8.004	78	4401	0.58	ug/l	94
42) 1,2-Dichloroethane	8.081	62	9333	3.40	ug/l	77
44) Trichloroethene	8.801	130	1680	0.75	ug/l	70
49) 1,4-Dioxane	9.167	88	17593	675.63	ug/l #	85

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

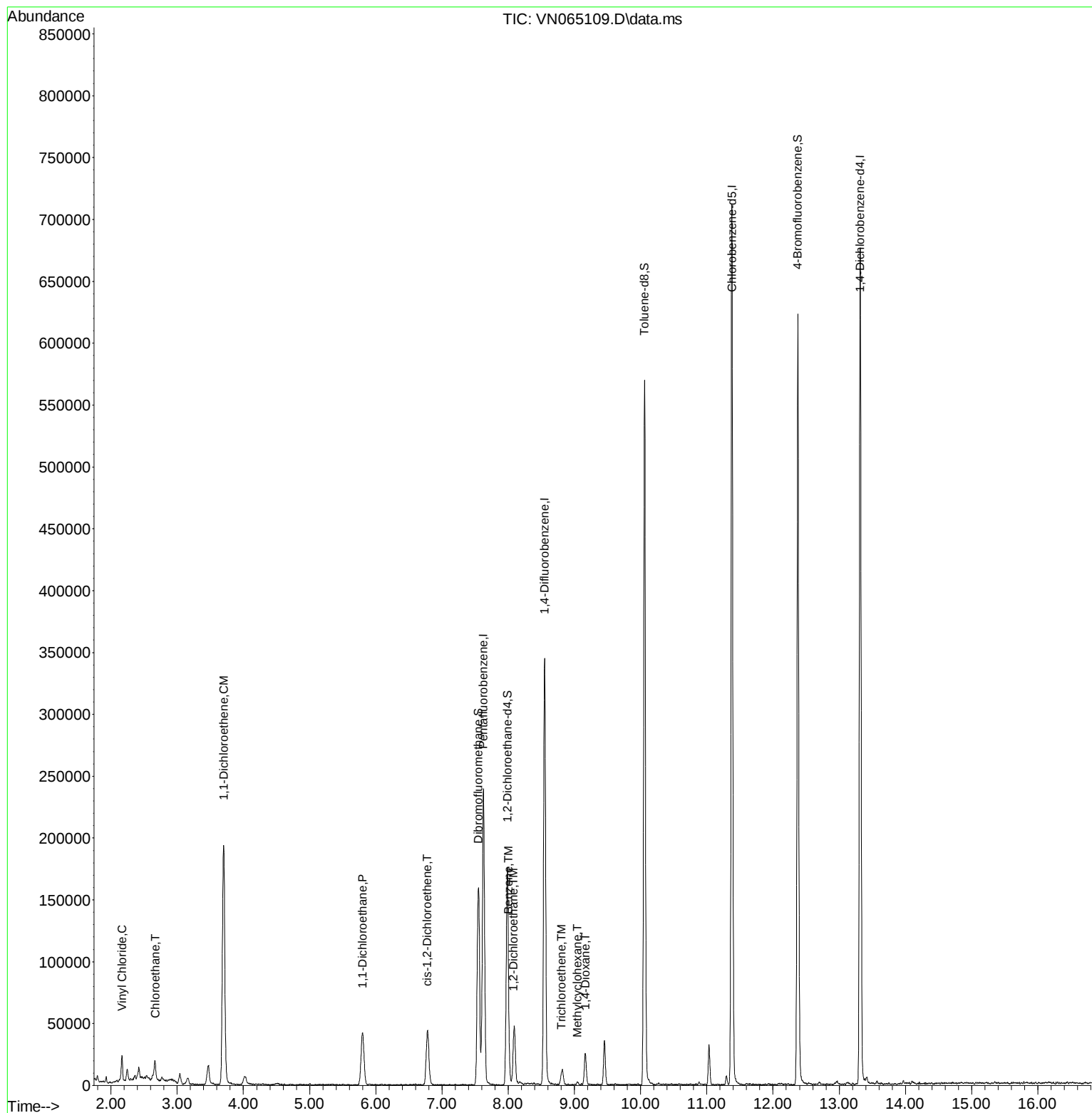
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
Data File : VN065109.D
Acq On : 14 Dec 2020 18:41
Operator : JC/MD
Sample : L5040-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
MW-2

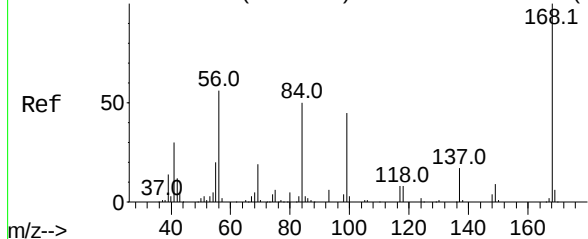
Manual Integrations
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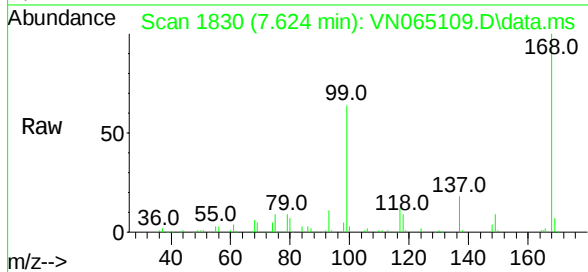
Quant Time: Dec 15 05:52:03 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 15 05:41:47 2020
Response via : Initial Calibration



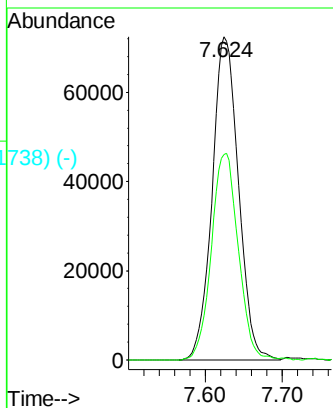
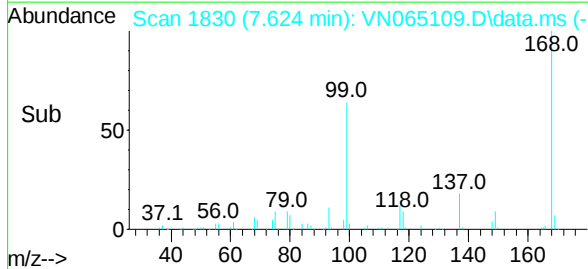
Abundance Scan 1831 (7.627 min): VN065092.D\data.ms (-1831) (-)



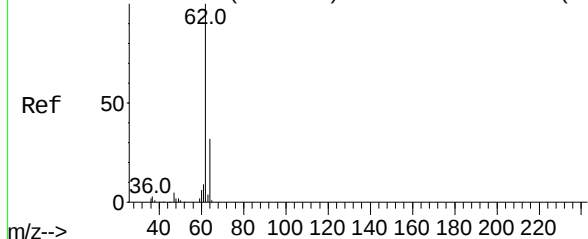
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065109.D
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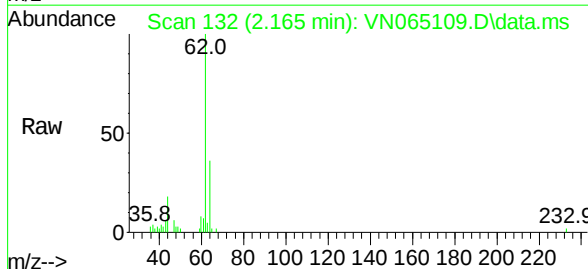
Tgt Ion: 168 Resp: 171830
Ion Ratio Lower Upper
168 100
99 63.6 43.0 64.4



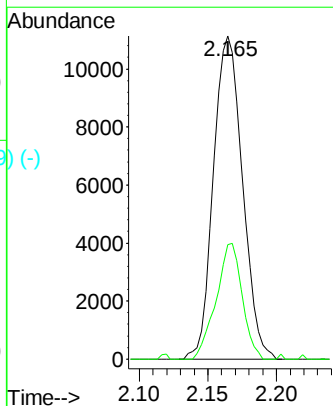
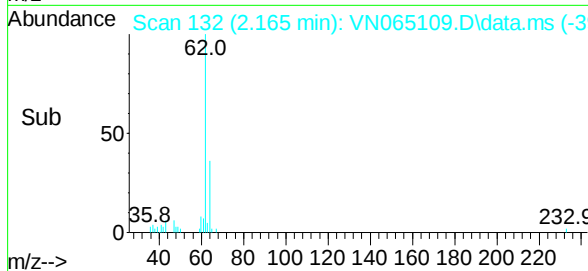
Abundance Scan 132 (2.165 min): VN065092.D\data.ms (-120) (-)



Vinyl Chloride
Concen: 10.23 ug/l
RT: 2.165 min Scan# 132
Delta R.T. -0.000 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41



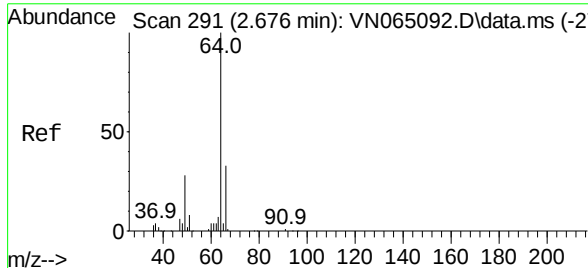
Tgt Ion: 62 Resp: 16310
Ion Ratio Lower Upper
62 100
64 35.5 26.5 39.7



Instrument :
MSVOA_N
ClientSampled :
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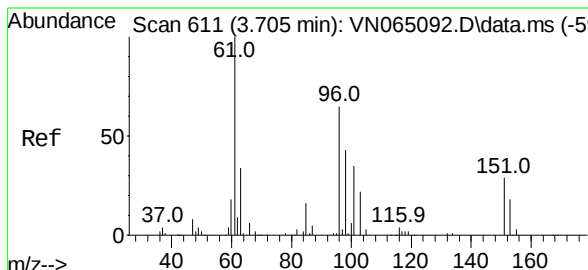
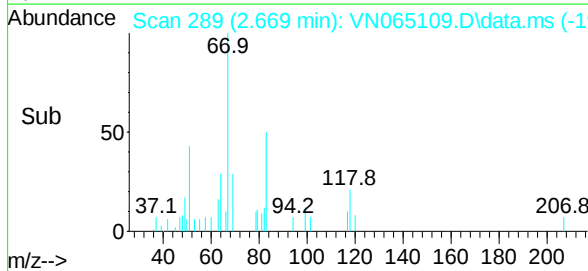
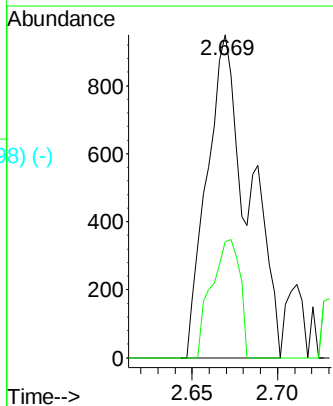
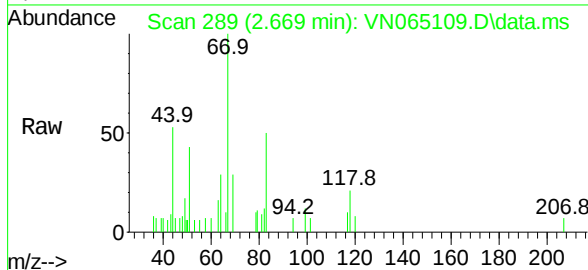
Chloroethane
 Concen: 1.86 ug/l m
 RT: 2.669 min Scan# 289
 Delta R.T. -0.007 min
 Lab File: VN065109.D
 Acq: 14 Dec 2020 18:41

Tgt Ion: 64 Resp: 1601
 Ion Ratio Lower Upper
 64 100
 66 36.0 25.6 38.4

Instrument :
 MSVOA_N
 ClientSampled :
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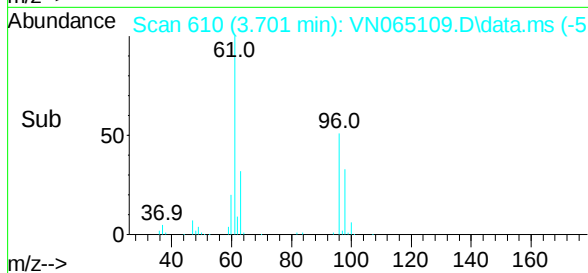
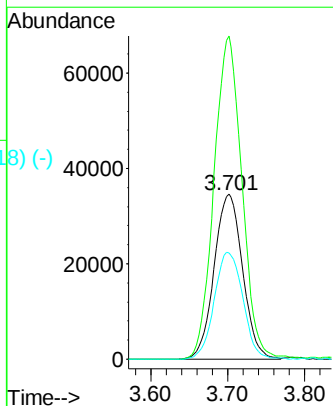
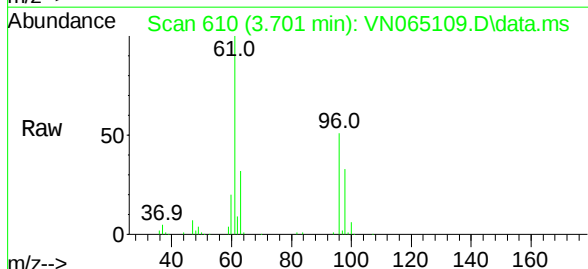
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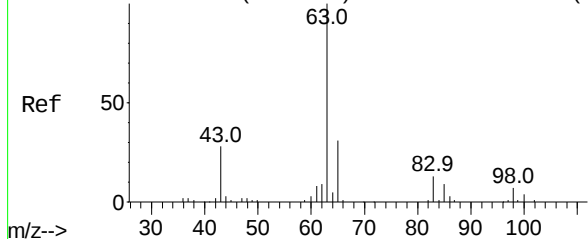


1,1-Dichloroethene
 Concen: 56.07 ug/l
 RT: 3.701 min Scan# 610
 Delta R.T. -0.004 min
 Lab File: VN065109.D
 Acq: 14 Dec 2020 18:41

Tgt Ion: 96 Resp: 88707
 Ion Ratio Lower Upper
 96 100
 61 195.9 123.4 185.2#
 98 64.2 49.8 74.8



Abundance Scan 1262 (5.798 min): VN065092.D\data.ms (-1234)



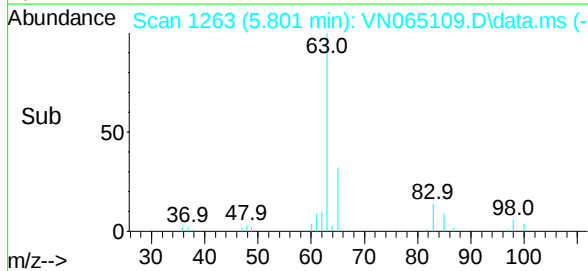
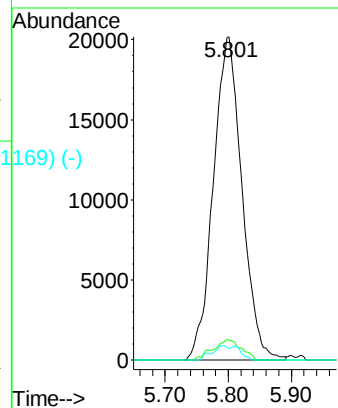
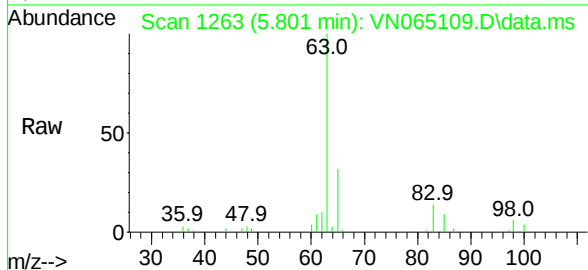
1,1-Dichloroethane
Concen: 20.60 ug/l
RT: 5.801 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion:	63	Resp:	63315
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.5	10.5
100	3.6	2.3	6.8

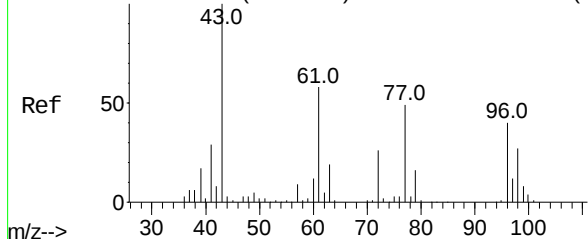
Instrument :
MSVOA_N
ClientSampled :
MW-2

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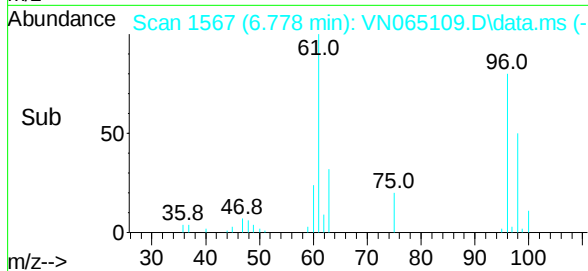
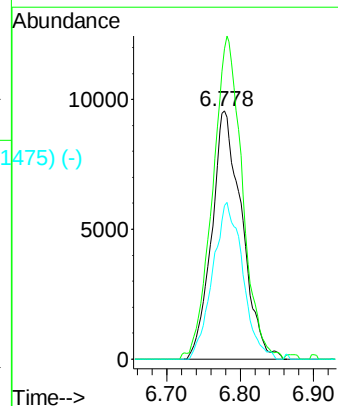
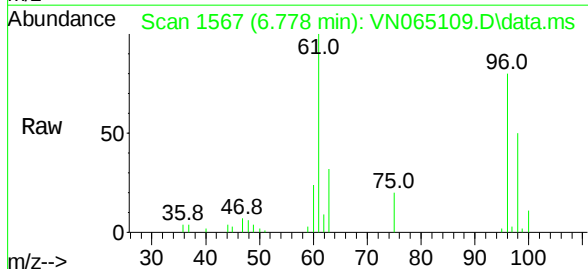


Abundance Scan 1568 (6.782 min): VN065092.D\data.ms (-1542)

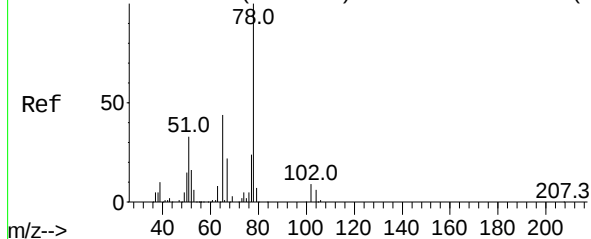


cis-1,2-Dichloroethene
Concen: 14.52 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.004 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion:	96	Resp:	27179
Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	285.8
98	63.4	0.0	130.6



Abundance Scan 1943 (7.987 min): VN065092.D\data.ms (-1925) (-)



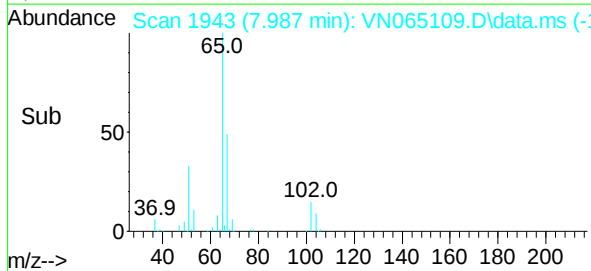
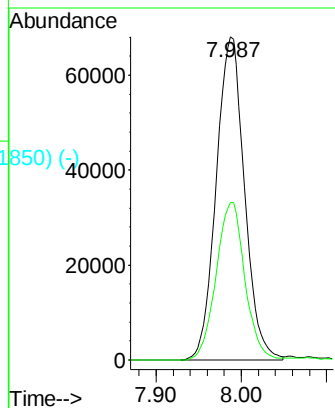
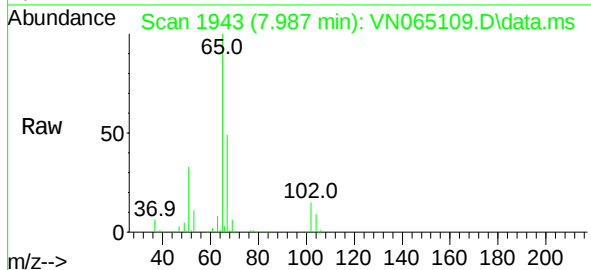
1,2-Dichloroethane-d4
Concen: 79.11 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion: 65 Resp: 156274
Ion Ratio Lower Upper
65 100
67 49.4 0.0 108.2

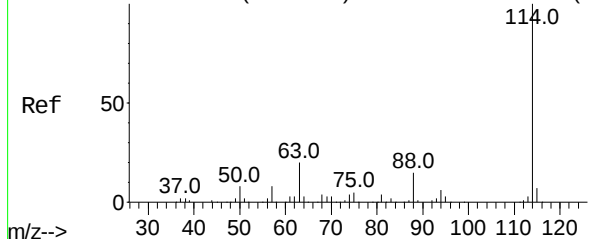
Instrument :
MSVOA_N
ClientSampled :
MW-2

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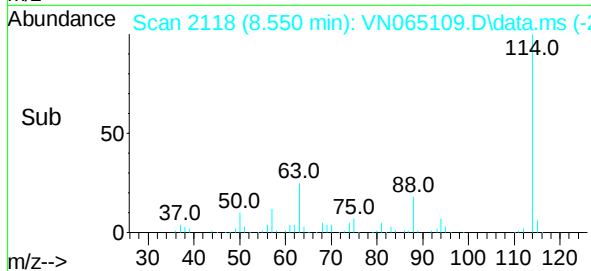
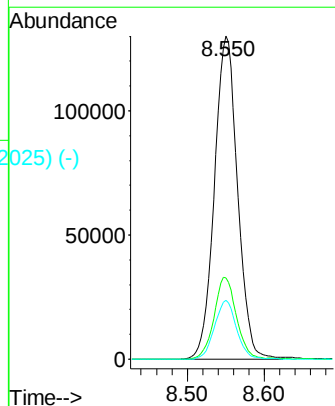
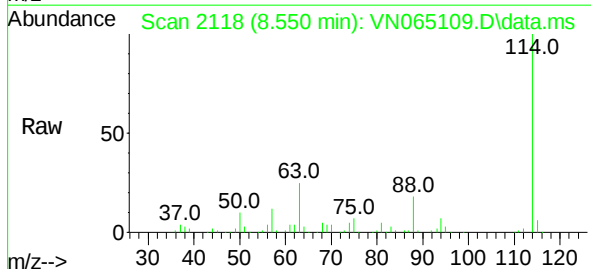


Abundance Scan 2118 (8.550 min): VN065092.D\data.ms (-2109) (-)

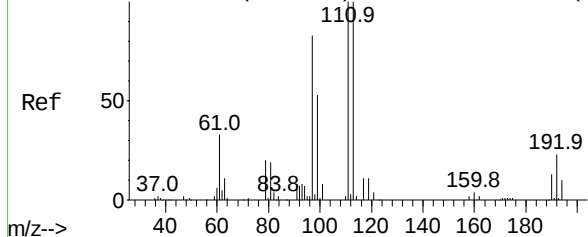


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion:114 Resp: 271554
Ion Ratio Lower Upper
114 100
63 25.2 0.0 38.6
88 18.1 0.0 32.6



Abundance Scan 1807 (7.550 min): VN065092.D\data.ms (-1785-)



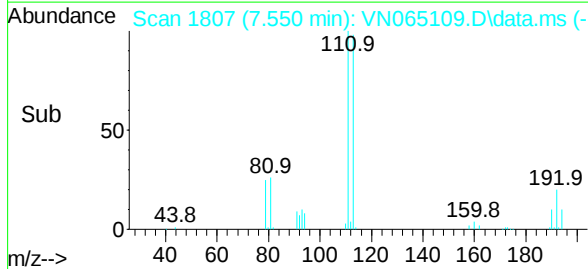
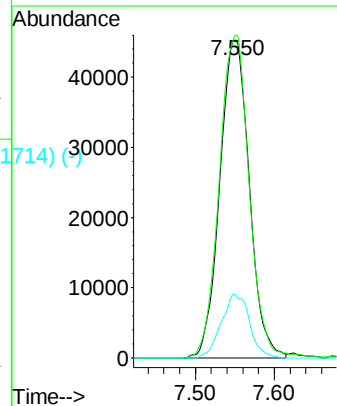
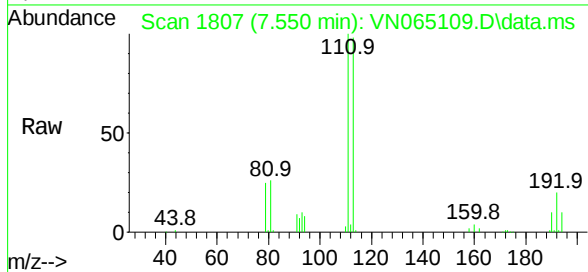
Dibromofluoromethane
Concen: 62.84 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion:	113	Resp:	118618
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	19.3	16.2	24.2

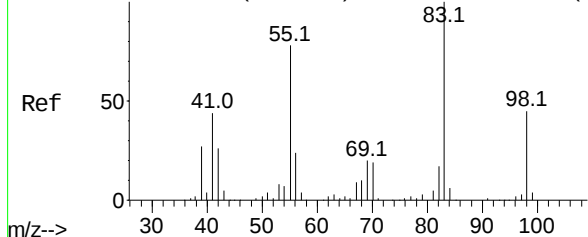
Instrument :
MSVOA_N
ClientSampled :
MW-2

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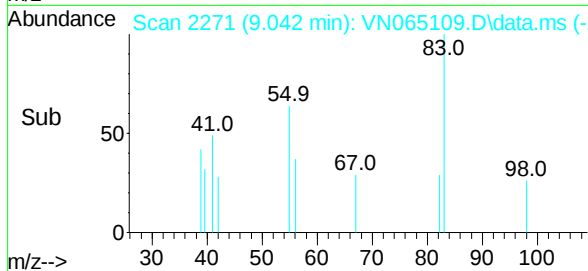
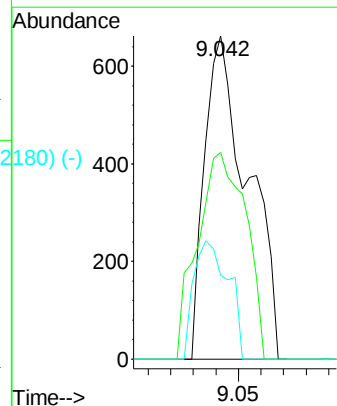
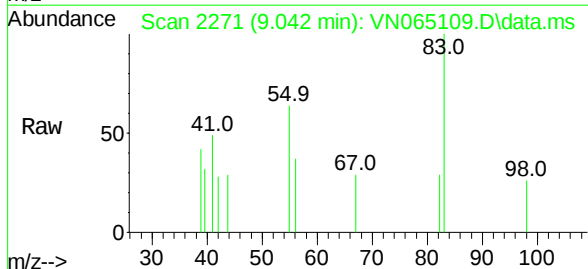


Abundance Scan 2273 (9.049 min): VN065092.D\data.ms (-2258-)

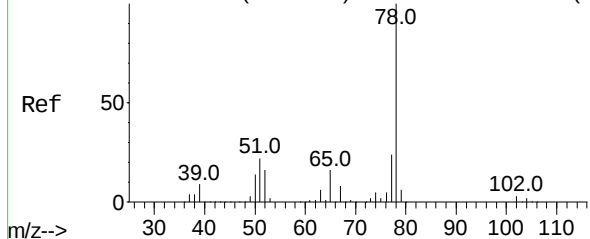


Methylcyclohexane
Concen: 0.31 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. -0.007 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion:	83	Resp:	885
Ion	Ratio	Lower	Upper
83	100		
55	63.9	60.2	90.2
98	25.8	37.4	56.2#



Abundance Scan 1948 (8.004 min): VN065092.D\data.ms (-1928) (-)



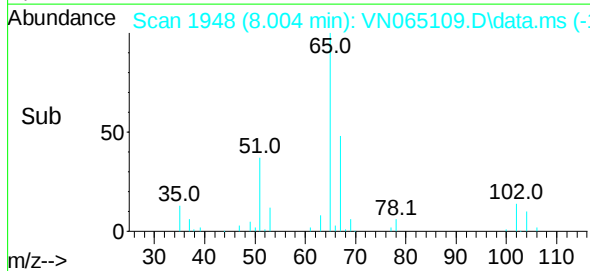
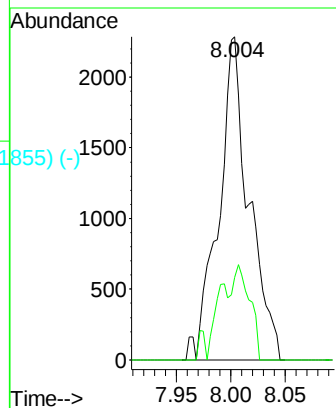
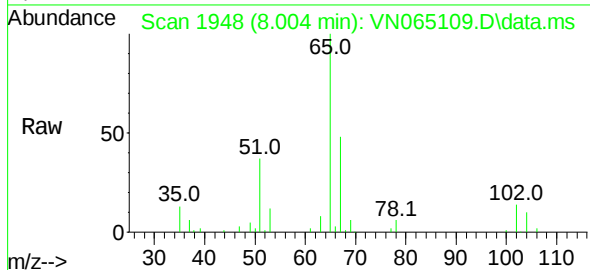
Benzene
Concen: 0.58 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion: 78 Resp: 4401
Ion Ratio Lower Upper
78 100
77 25.5 17.9 26.9

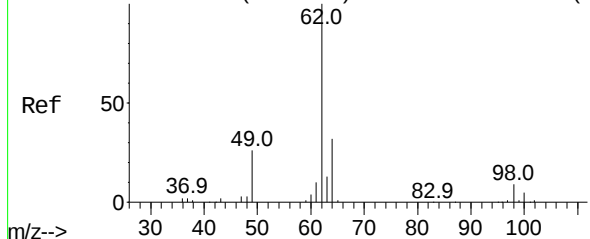
Instrument :
MSVOA_N
ClientSampled :
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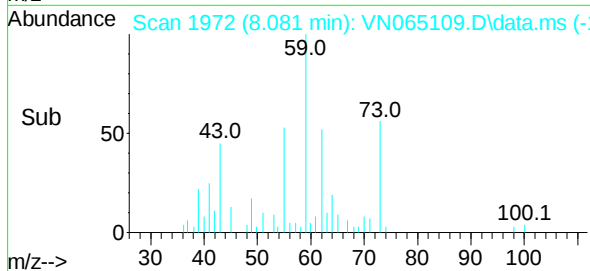
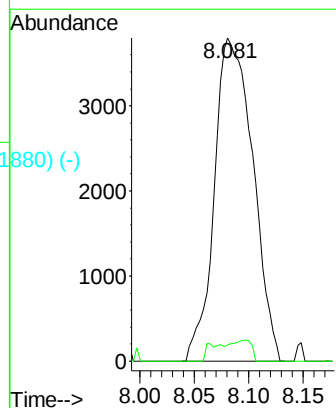
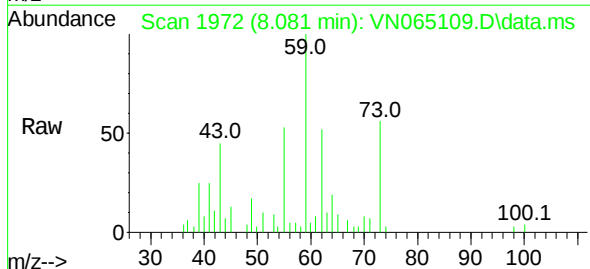


Abundance Scan 1973 (8.084 min): VN065092.D\data.ms (-1956) (-)

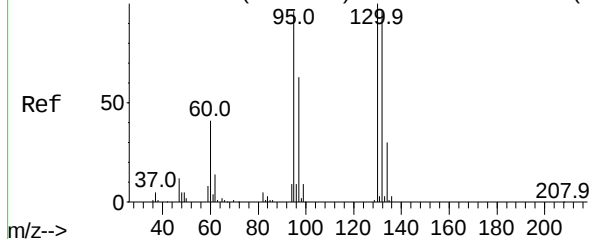


1,2-Dichloroethane
Concen: 3.40 ug/l
RT: 8.081 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion: 62 Resp: 9333
Ion Ratio Lower Upper
62 100
98 1.2 0.0 19.6



Abundance Scan 2196 (8.801 min): VN065092.D\data.ms (-2103) (-)



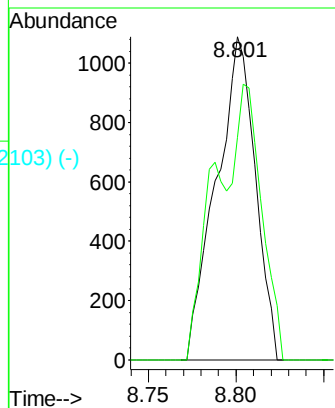
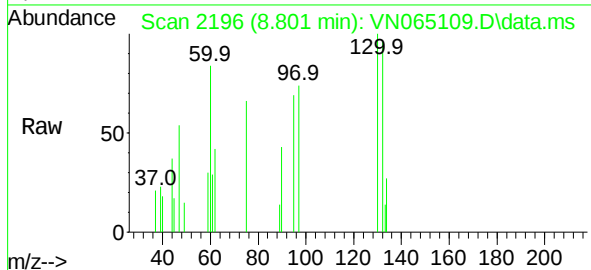
Trichloroethene
Concen: 0.75 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion: 130 Resp: 1680
Ion Ratio Lower Upper
130 100
95 69.0 0.0 197.8

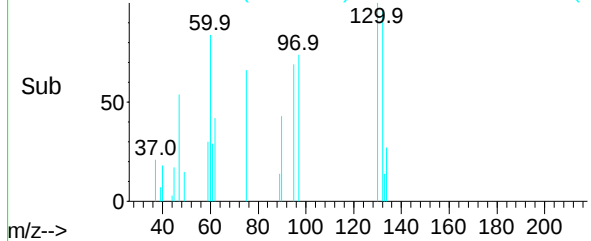
Instrument :
MSVOA_N
ClientSampled :
MW-2

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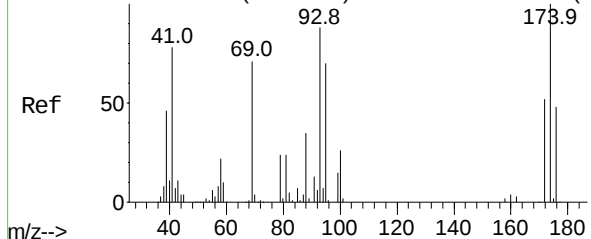
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Abundance Scan 2196 (8.801 min): VN065109.D\data.ms (-2103) (-)

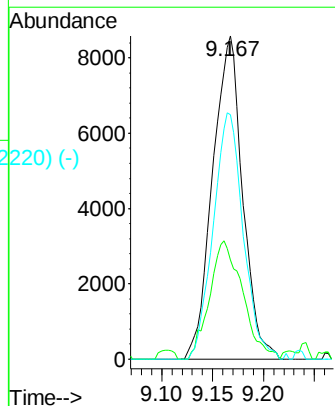
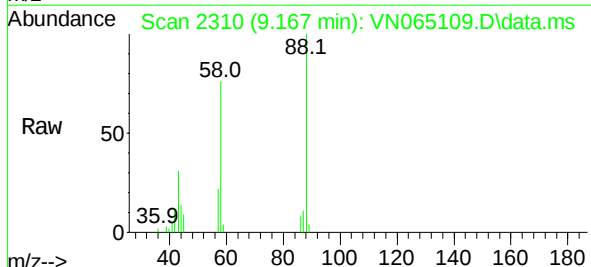


Abundance Scan 2313 (9.177 min): VN065092.D\data.ms (-2299) (-)

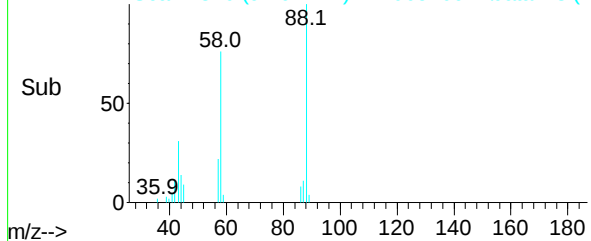


1,4-Dioxane
Concen: 675.63 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. -0.010 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion: 88 Resp: 17593
Ion Ratio Lower Upper
88 100
43 40.2 24.2 36.4#
58 76.3 52.5 78.7



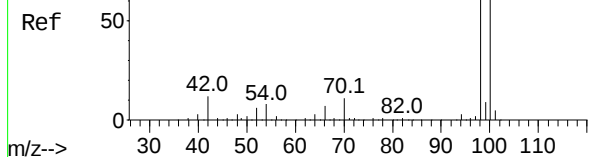
Abundance Scan 2310 (9.167 min): VN065109.D\data.ms (-2220) (-)



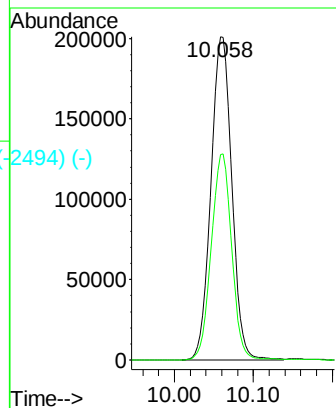
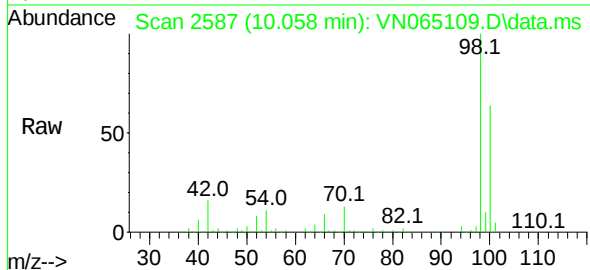
Abundance Scan 2587 (10.058 min): VN065092.D\data.ms (-2550) (-)

Toluene-d8
Concen: 55.20 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

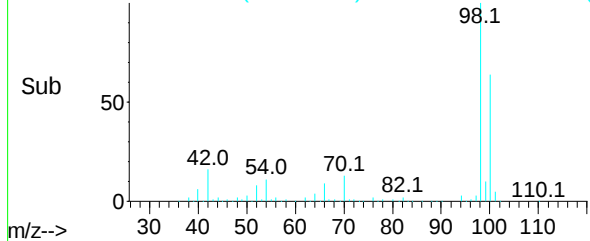
Instrument :
MSVOA_N
ClientSampled :
MW-2



Tgt Ion: 98 Resp: 368412
Ion Ratio Lower Upper
98 100
100 62.1 51.7 77.5



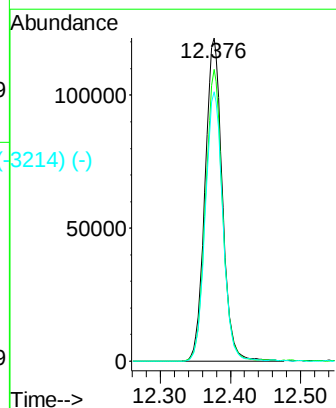
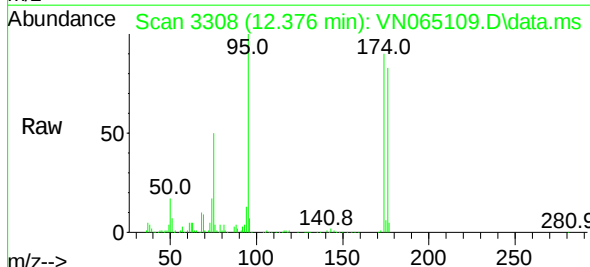
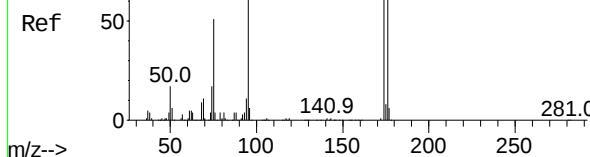
Abundance Scan 2587 (10.058 min): VN065109.D\data.ms (-2494) (-)



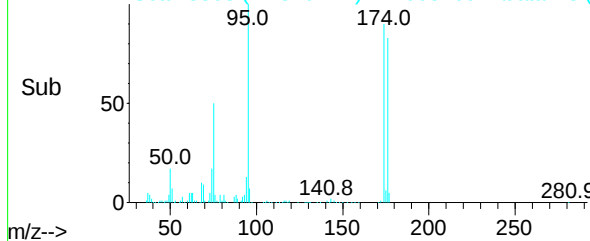
Abundance Scan 3307 (12.373 min): VN065092.D\data.ms (-3252) (-)

4-Bromofluorobenzene
Concen: 89.81 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

Tgt Ion: 95 Resp: 206447
Ion Ratio Lower Upper
95 100
174 88.5 0.0 160.4
176 84.2 0.0 158.4

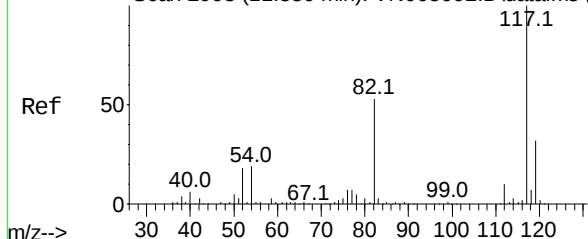


Abundance Scan 3308 (12.376 min): VN065109.D\data.ms (-3214) (-)



Abundance Scan 2998 (11.380 min): VN065092.D\data.ms (-2998) (-)

Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41

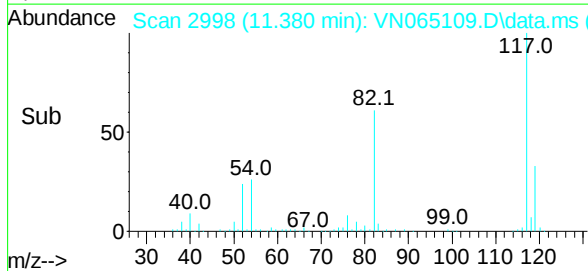
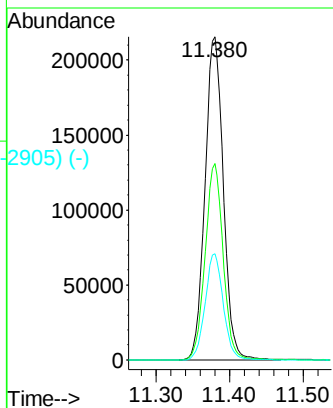
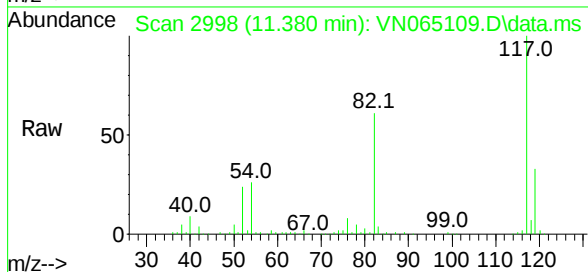


Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.7	44.2	66.2
119	32.8	25.8	38.6

Instrument :
MSVOA_N
ClientSampled :
MW-2

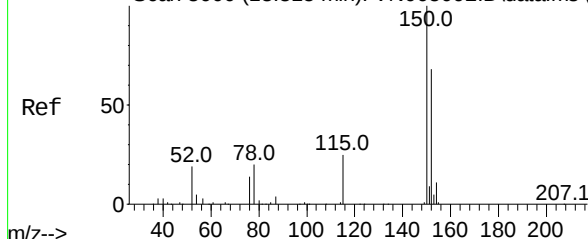
Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:41:56 PM



Abundance Scan 3600 (13.315 min): VN065092.D\data.ms (-3576) (-)

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065109.D
Acq: 14 Dec 2020 18:41



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.7	89.1
150	157.2	0.0	350.6

