

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065107.D
 Acq On : 14 Dec 2020 17:53
 Operator : JC/MD
 Sample : L5040-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Manual Integrations
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 12/16/2020 1:41:04 PM

Quant Time: Dec 15 05:51:13 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	7.627	168	249652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	442251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	462458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	184607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	169586	59.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	118.16%	
35) Dibromofluoromethane	7.547	113	150321	48.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	97.80%	
50) Toluene-d8	10.058	98	547763	50.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.376	95	207122	55.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	110.66%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.164	62	165328	71.37	ug/l	99
6) Chloroethane	2.676	64	61836	49.46	ug/l	94
11) Tert butyl alcohol	4.730	59	7737m	25.30	ug/l	
12) 1,1-Dichloroethene	3.701	96	359003	156.18	ug/l	94
24) 1,1-Dichloroethane	5.801	63	145689	32.63	ug/l	100
27) cis-1,2-Dichloroethene	6.782	96	68884	25.32	ug/l	89
39) Methylcyclohexane	9.048	83	2522	0.55	ug/l #	81
40) Benzene	8.003	78	11332	0.92	ug/l	99
42) 1,2-Dichloroethane	8.084	62	38071	8.52	ug/l	84
44) Trichloroethene	8.801	130	4021	1.10	ug/l	90
49) 1,4-Dioxane	9.164	88	168664	3977.22	ug/l	99
52) Toluene	10.119	92	1893m	0.25	ug/l	
69) o-Xylene	11.920	106	2129	0.37	ug/l	90
85) sec-Butylbenzene	13.145	105	2888	0.25	ug/l	97

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

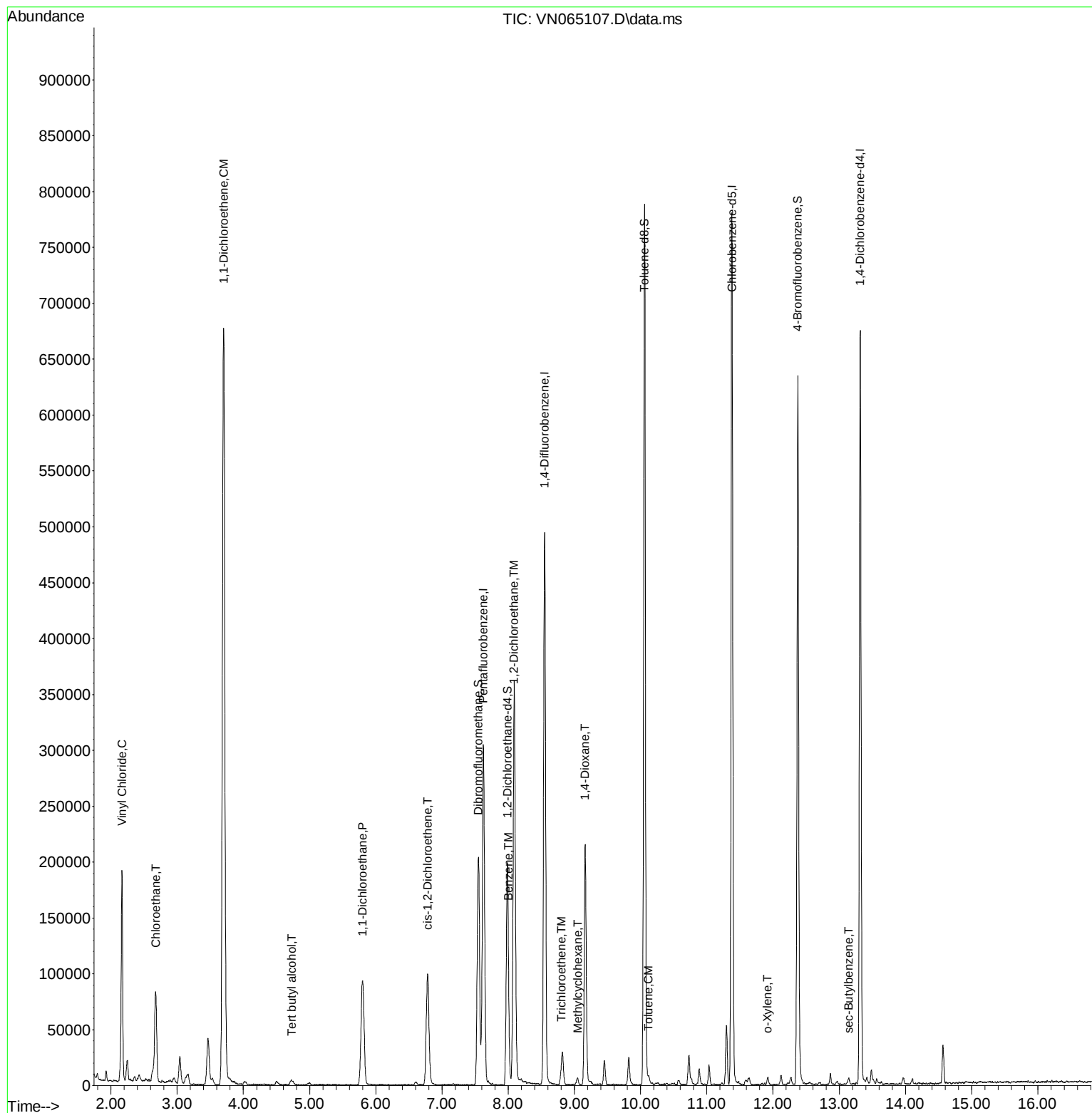
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
Data File : VN065107.D
Acq On : 14 Dec 2020 17:53
Operator : JC/MD
Sample : L5040-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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MW-1

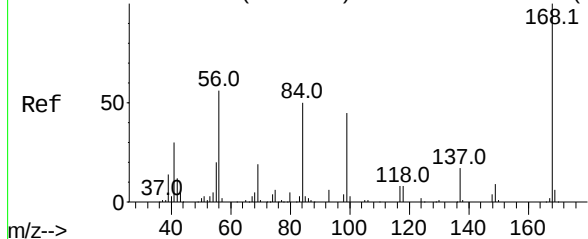
Manual Integrations
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Quant Time: Dec 15 05:51:13 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 15 05:41:47 2020
Response via : Initial Calibration



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



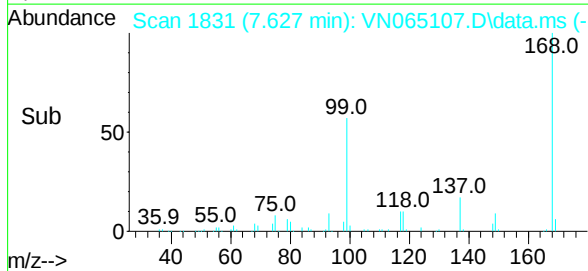
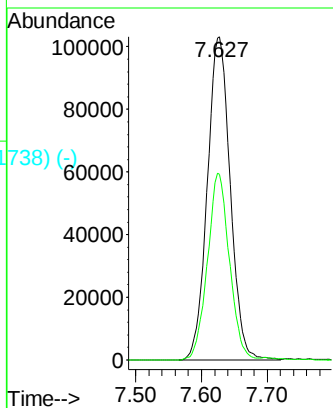
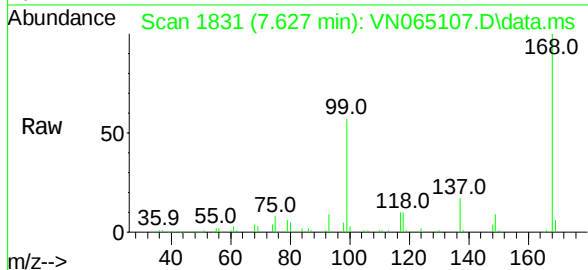
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion: 168 Resp: 249652
Ion Ratio Lower Upper
168 100
99 57.4 43.0 64.4

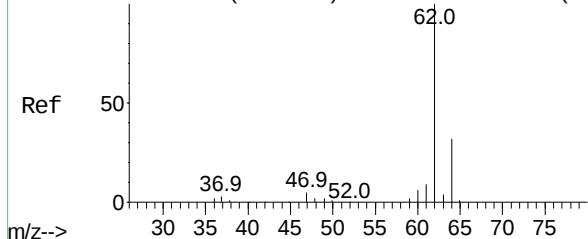
Instrument :
MSVOA_N
ClientSampled :
MW-1

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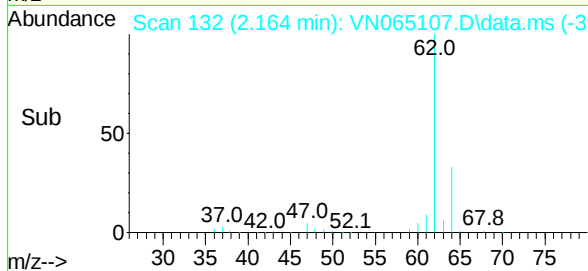
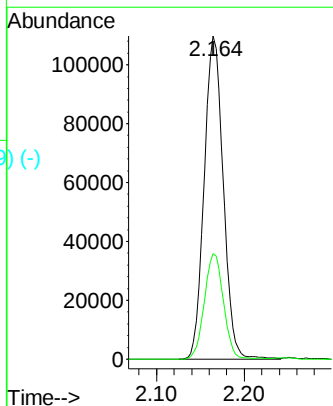
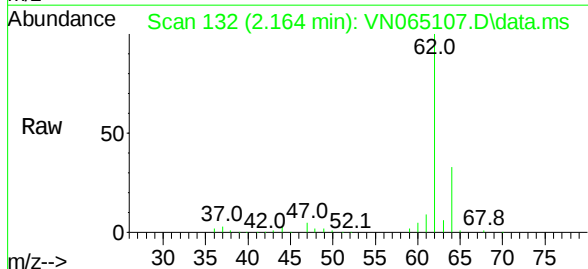


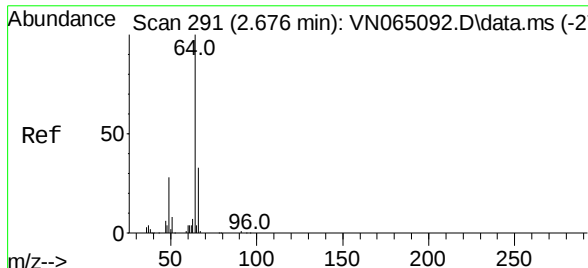
Abundance Scan 132 (2.165 min): VN065092.D\data.ms (-120) (-)



Vinyl Chloride
Concen: 71.37 ug/l
RT: 2.164 min Scan# 132
Delta R.T. -0.001 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion: 62 Resp: 165328
Ion Ratio Lower Upper
62 100
64 32.6 26.5 39.7





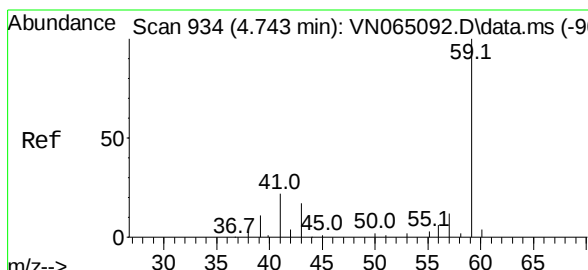
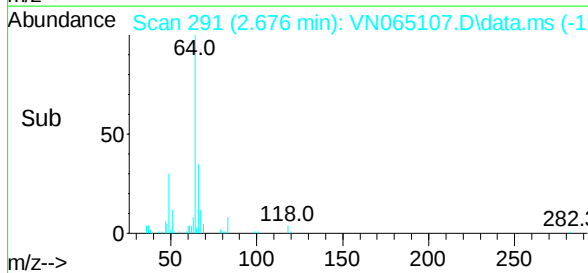
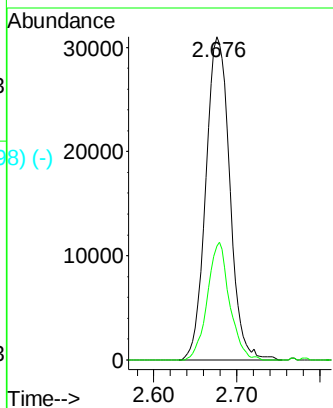
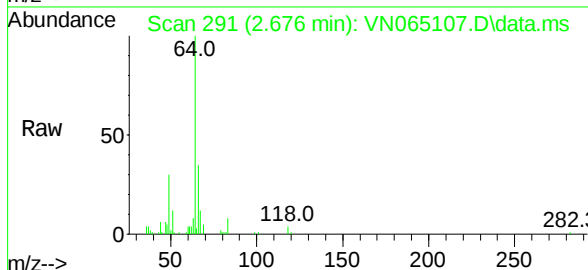
Chloroethane
 Concen: 49.46 ug/l
 RT: 2.676 min Scan# 291
 Delta R.T. -0.000 min
 Lab File: VN065107.D
 Acq: 14 Dec 2020 17:53

Tgt Ion: 64 Resp: 61836
 Ion Ratio Lower Upper
 64 100
 66 35.2 25.6 38.4

Instrument :
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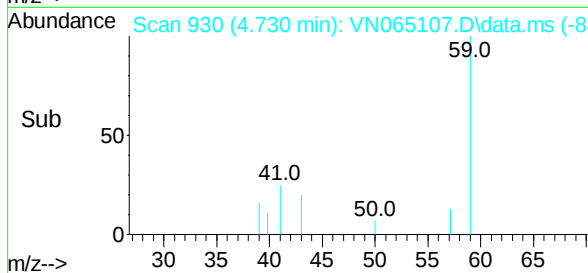
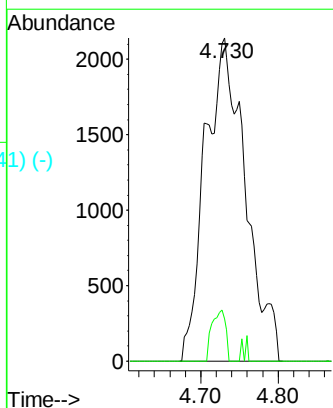
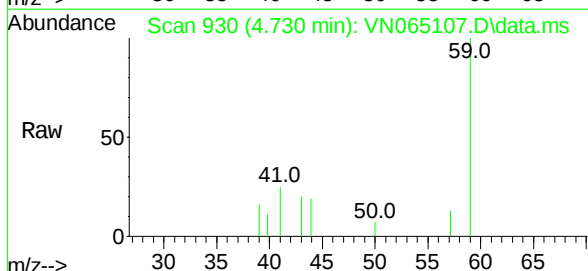
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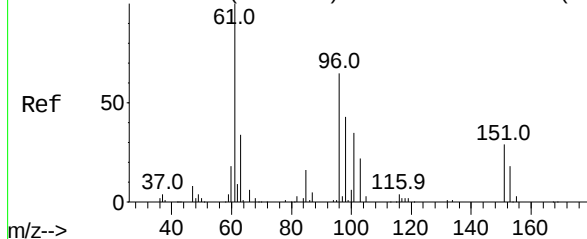


Tert butyl alcohol
 Concen: 25.30 ug/l m
 RT: 4.730 min Scan# 930
 Delta R.T. -0.013 min
 Lab File: VN065107.D
 Acq: 14 Dec 2020 17:53

Tgt Ion: 59 Resp: 7737
 Ion Ratio Lower Upper
 59 100
 57 5.4 7.9 11.9#



Abundance Scan 611 (3.705 min): VN065092.D\data.ms (-591) #12



1,1-Dichloroethene
Concen: 156.18 ug/l
RT: 3.701 min Scan# 610
Delta R.T. -0.004 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

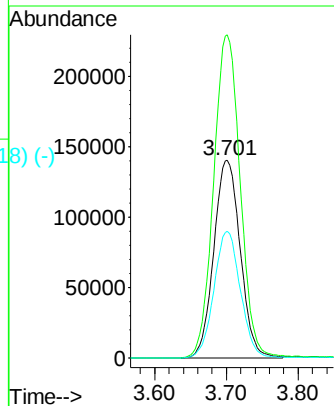
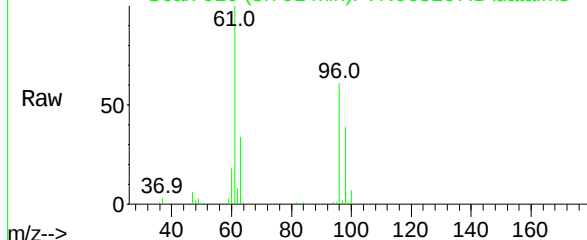
Tgt Ion: 96 Resp: 359003
Ion Ratio Lower Upper
96 100
61 163.2 123.4 185.2
98 64.1 49.8 74.8

Instrument :
MSVOA_N
ClientSampled :
MW-1

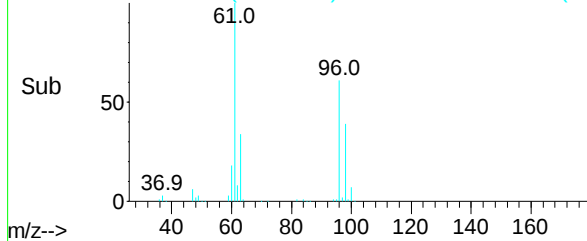
Manual Integrations
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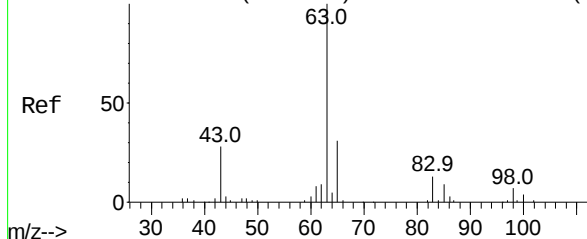
Abundance Scan 610 (3.701 min): VN065107.D\data.ms



Abundance Scan 610 (3.701 min): VN065107.D\data.ms (-518) (-)



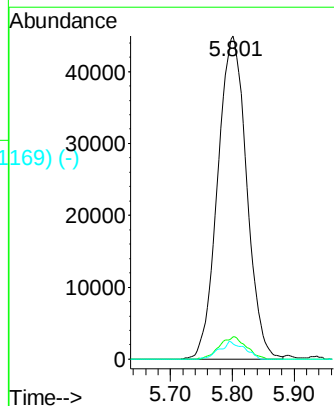
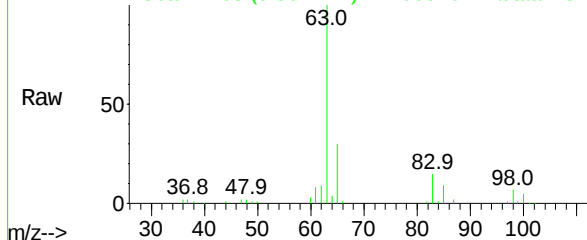
Abundance Scan 1262 (5.798 min): VN065092.D\data.ms (-1232) (-)



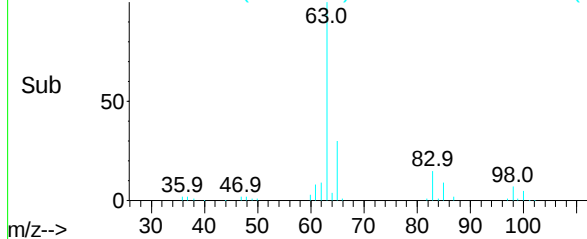
1,1-Dichloroethane
Concen: 32.63 ug/l
RT: 5.801 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion: 63 Resp: 145689
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.5
100 4.7 2.3 6.8

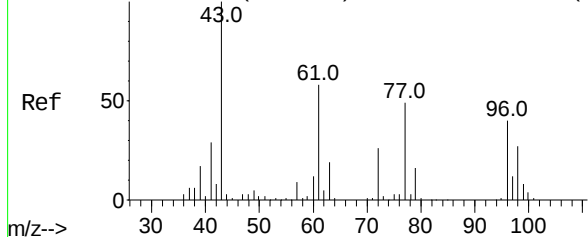
Abundance Scan 1263 (5.801 min): VN065107.D\data.ms



Abundance Scan 1263 (5.801 min): VN065107.D\data.ms (-1169) (-)



Abundance Scan 1568 (6.782 min): VN065092.D\data.ms (-15427-)



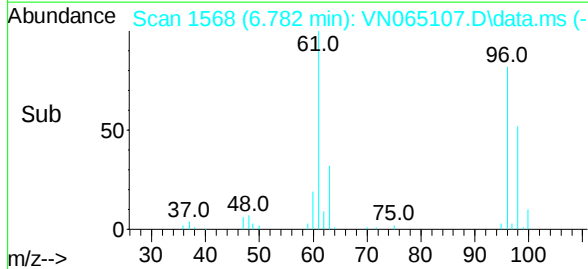
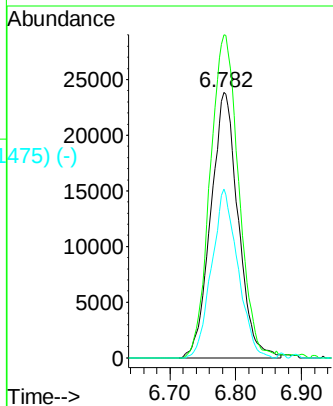
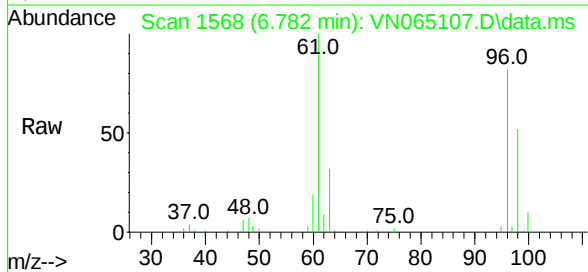
cis-1,2-Dichloroethene
Concen: 25.32 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	285.8
98	60.9	0.0	130.6

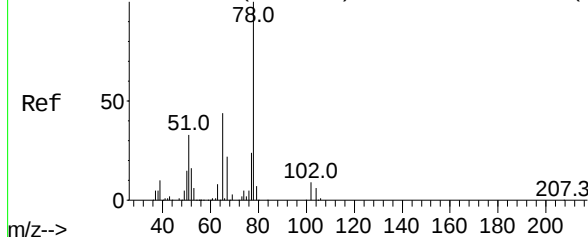
Instrument :
MSVOA_N
ClientSampled :
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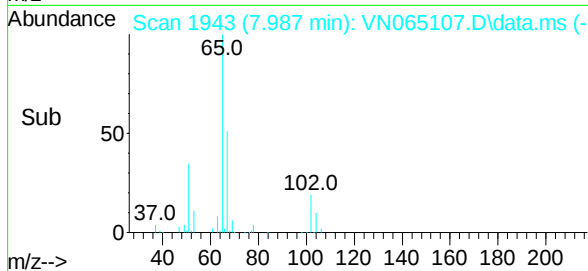
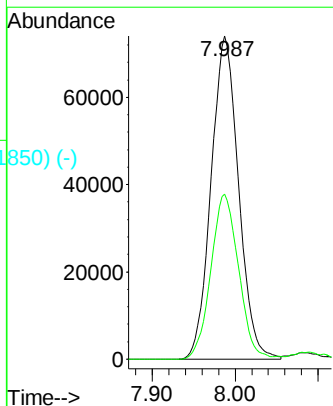
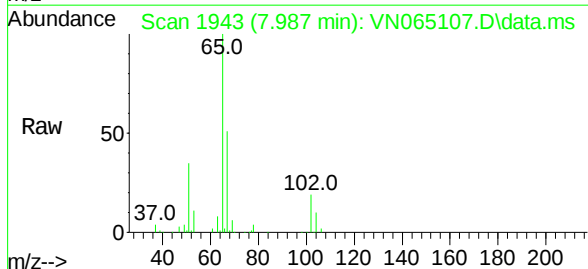


Abundance Scan 1943 (7.987 min): VN065092.D\data.ms (-19233-)



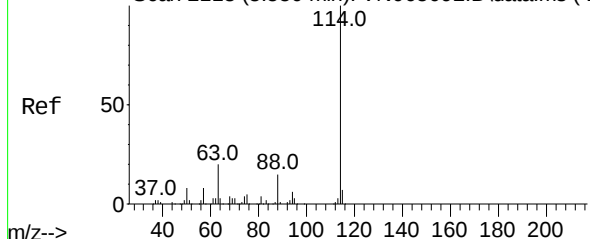
1,2-Dichloroethane-d4
Concen: 59.08 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	108.2



Abundance Scan 2118 (8.550 min): VN065092.D\data.ms (-21094-)

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

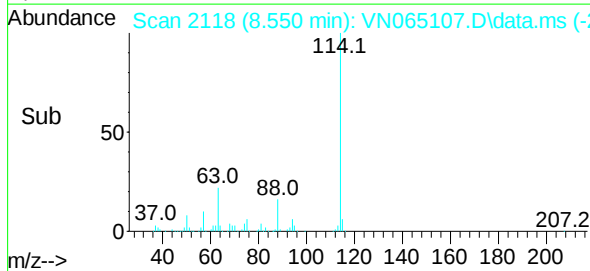
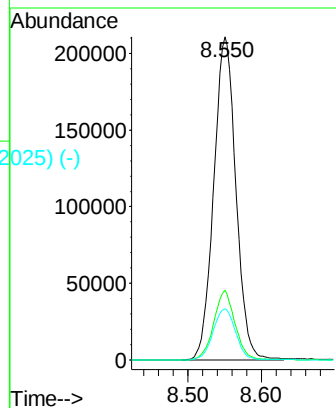
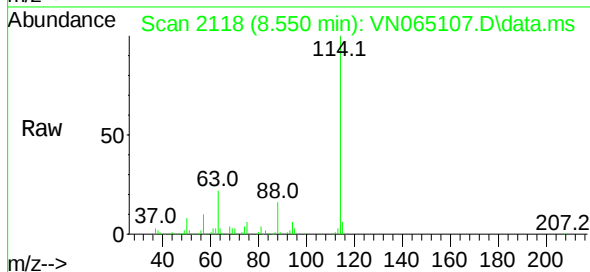


Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	38.6
88	15.9	0.0	32.6

Instrument :
MSVOA_N
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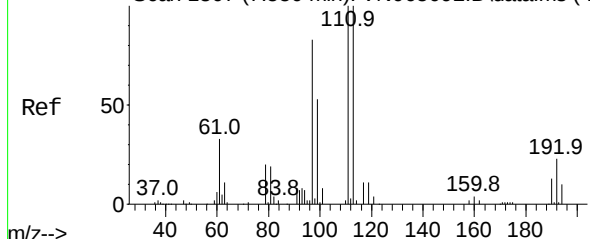
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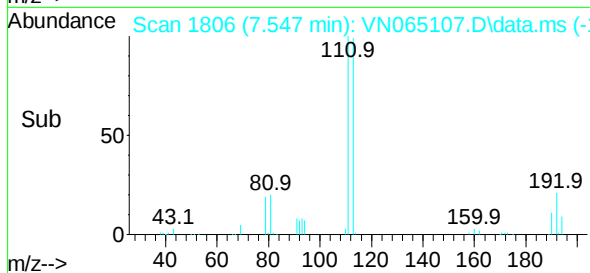
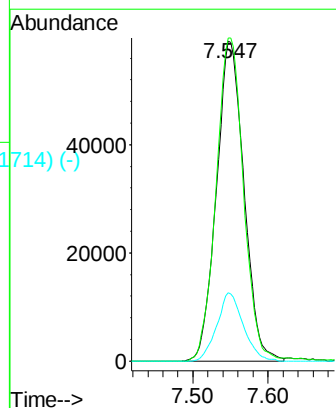
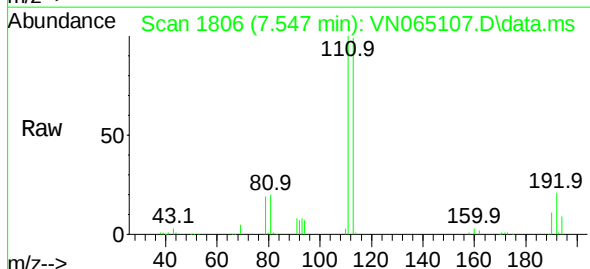


Abundance Scan 1807 (7.550 min): VN065092.D\data.ms (-17835-)

Dibromofluoromethane
Concen: 48.90 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN065107.D
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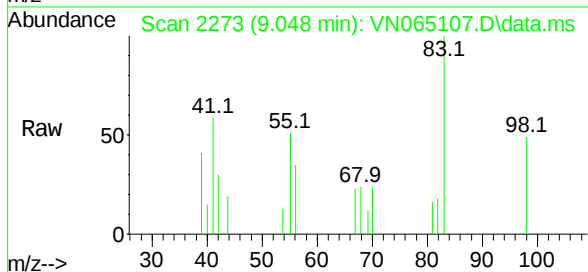
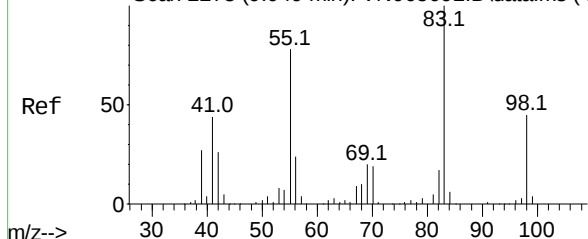


Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.6	122.4
192	20.6	16.2	24.2

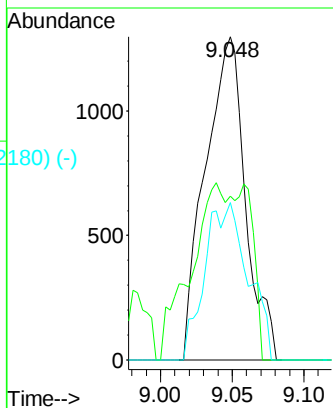
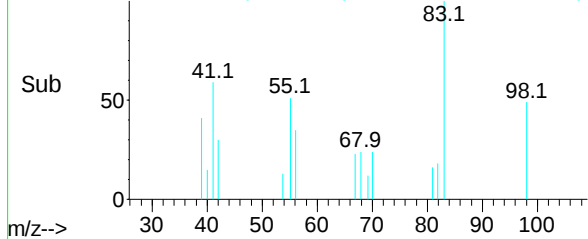


Abundance Scan 2273 (9.049 min): VN065092.D\data.ms (-2259-)

Methylcyclohexane
Concen: 0.55 ug/l
RT: 9.048 min Scan# 2273
Delta R.T. -0.001 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53



Abundance Scan 2273 (9.048 min): VN065107.D\data.ms (-2180-)



Tgt Ion	Ratio	Lower	Upper
83	100		
55	50.7	60.2	90.2#
98	48.6	37.4	56.2

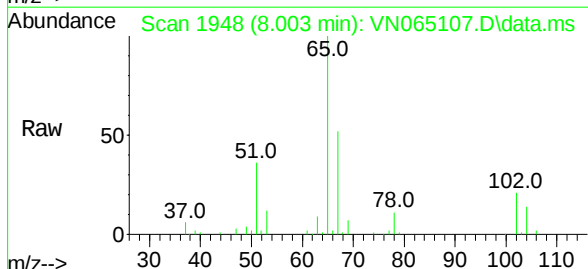
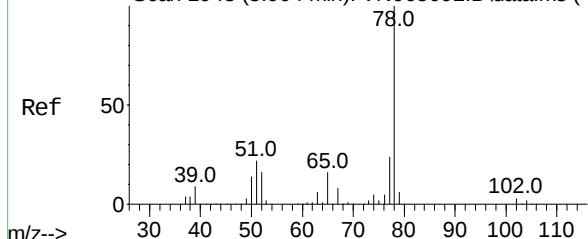
Instrument :
MSVOA_N
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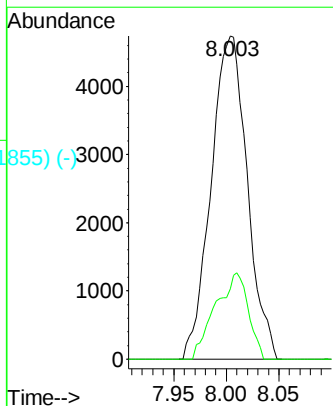
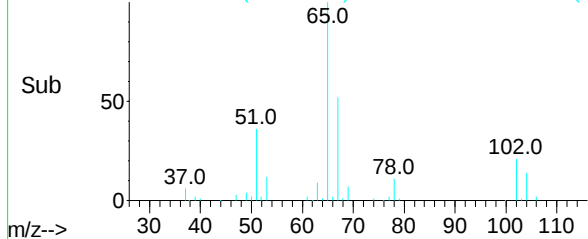
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Abundance Scan 1948 (8.004 min): VN065092.D\data.ms (-1929-)

Benzene
Concen: 0.92 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

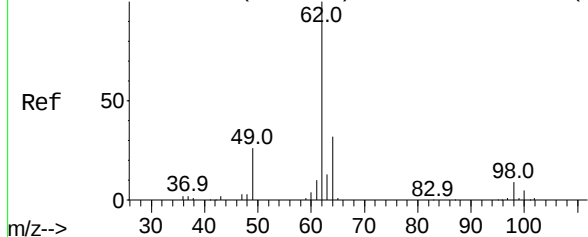


Abundance Scan 1948 (8.003 min): VN065107.D\data.ms (-1855-)



Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.8	17.9	26.9

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



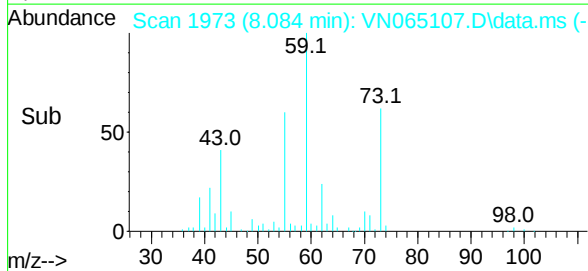
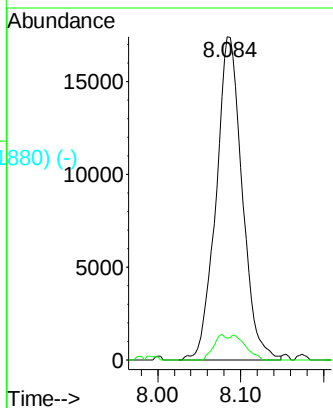
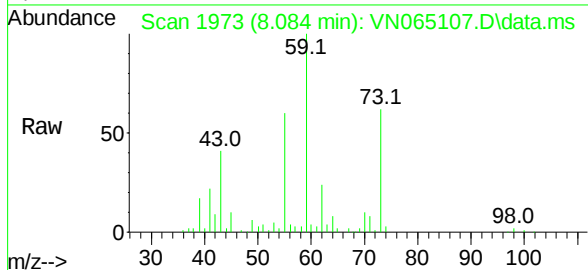
1,2-Dichloroethane
Concen: 8.52 ug/l
RT: 8.084 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion: 62 Resp: 38071
Ion Ratio Lower Upper
62 100
98 4.1 0.0 19.6

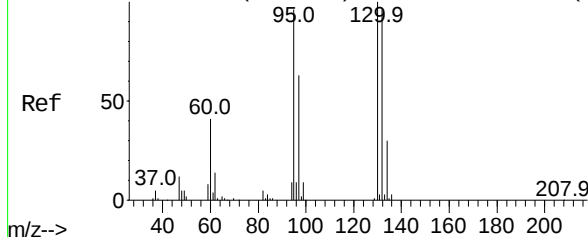
Instrument :
MSVOA_N
ClientSampled :
MW-1

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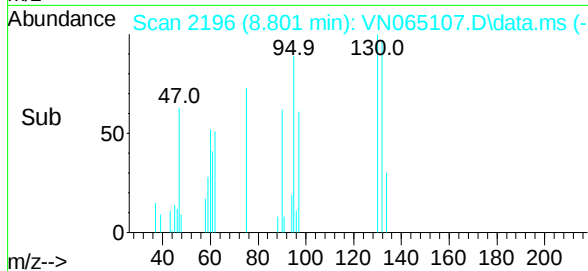
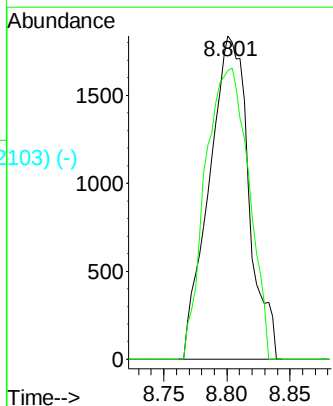
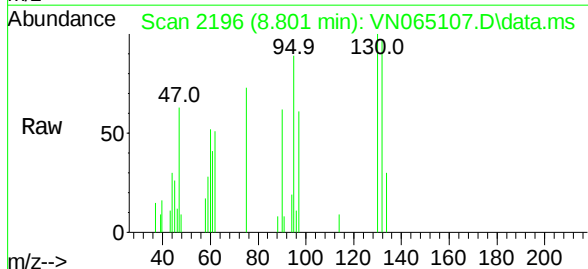


Abundance Scan 2196 (8.801 min): VN065092.D\data.ms (-2180) (-)

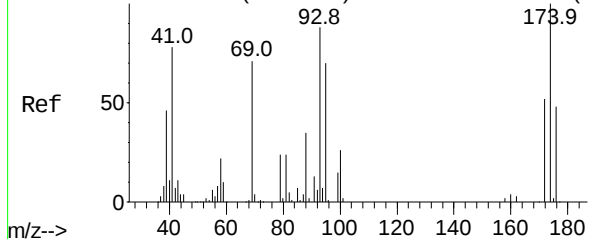


Trichloroethene
Concen: 1.10 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion:130 Resp: 4021
Ion Ratio Lower Upper
130 100
95 89.2 0.0 197.8



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



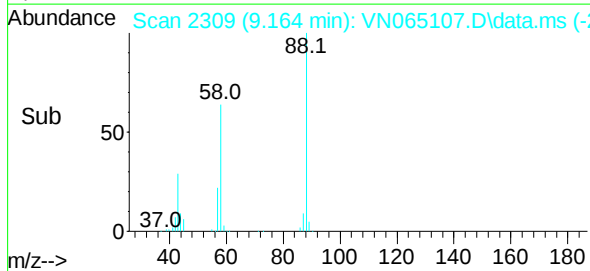
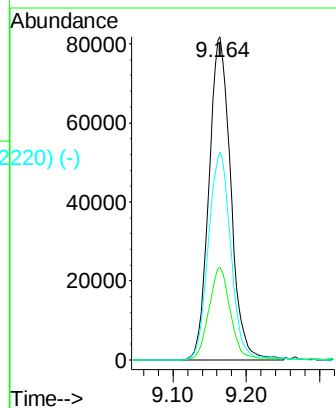
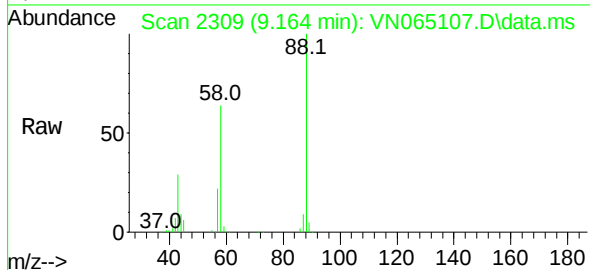
1,4-Dioxane
Concen: 3977.22 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.013 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Instrument :
MSVOA_N
ClientSampled :
MW-1

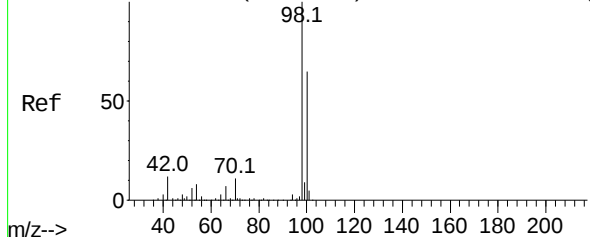
Tgt Ion: 88 Resp: 168664
Ion Ratio Lower Upper
88 100
43 28.5 24.2 36.4
58 65.7 52.5 78.7

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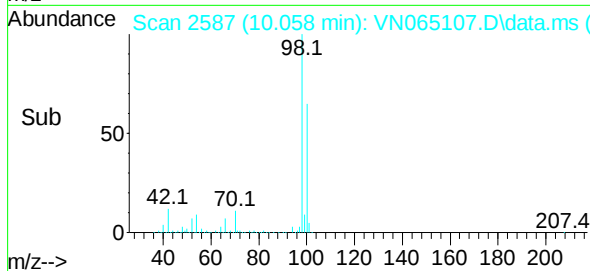
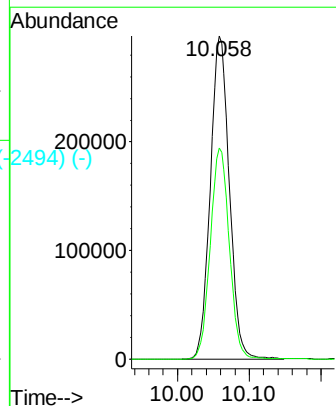
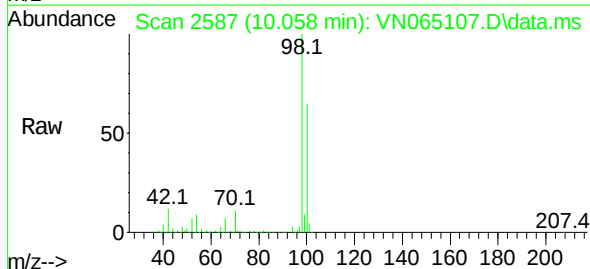


Abundance Scan 2587 (10.058 min): VN065092.D\data.ms (-2550) (-)

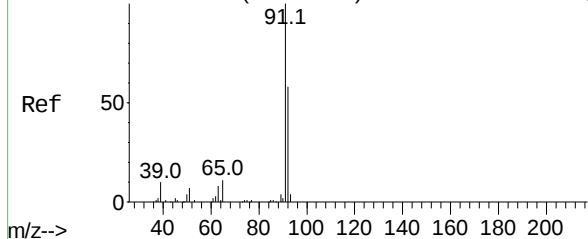


Toluene-d8
Concen: 50.39 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion: 98 Resp: 547763
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



Abundance Scan 2607 (10.122 min): VN065092.D\data.ms (-2552) (-)



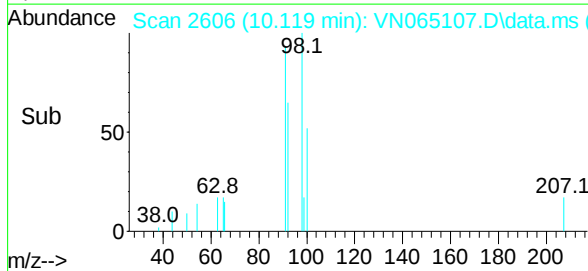
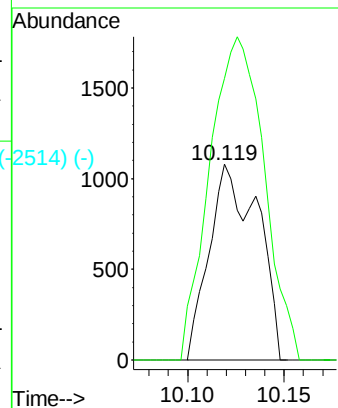
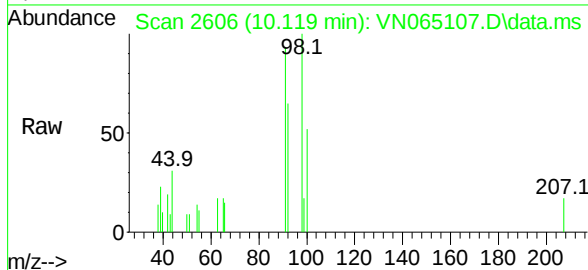
Toluene
Concen: 0.25 ug/l m
RT: 10.119 min Scan# 2606
Delta R.T. -0.003 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion	Ratio	Lower	Upper
92	100		
91	184.6	139.1	208.7

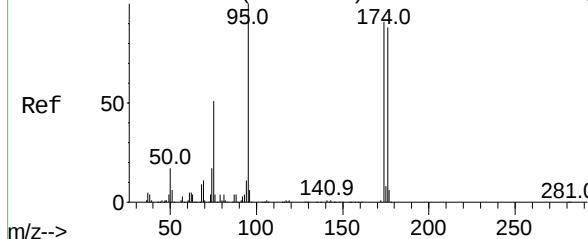
Instrument :
MSVOA_N
ClientSampled :
MW-1

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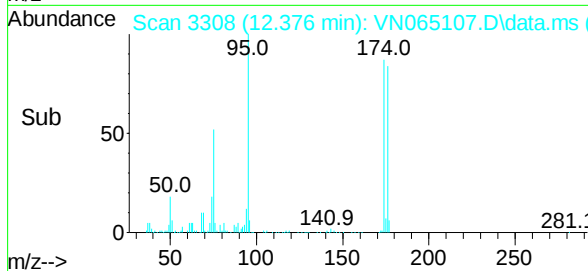
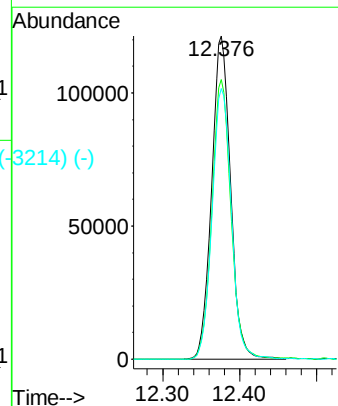
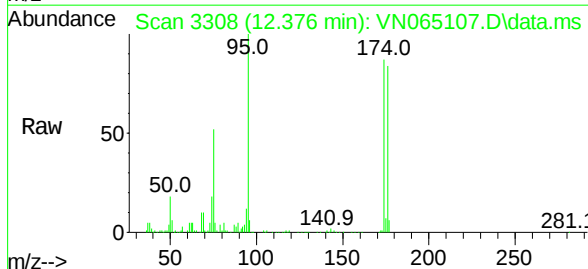


Abundance Scan 3307 (12.373 min): VN065092.D\data.ms (-2552) (-)



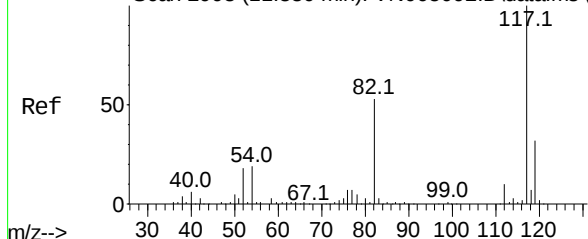
4-Bromofluorobenzene
Concen: 55.33 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	160.4
176	85.4	0.0	158.4



Abundance Scan 2998 (11.380 min): VN065092.D\data.ms (-2968) (-)

Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

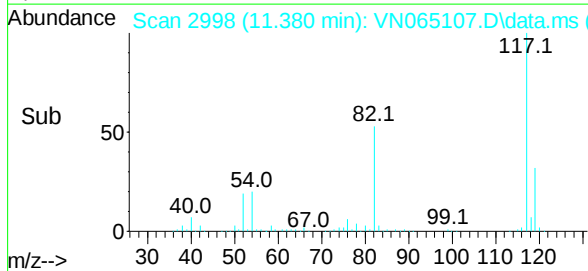
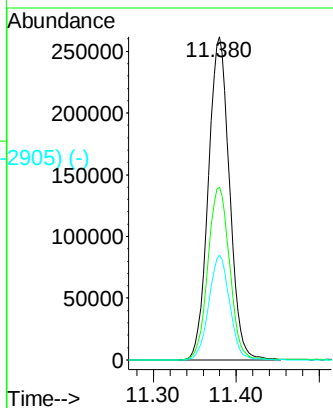
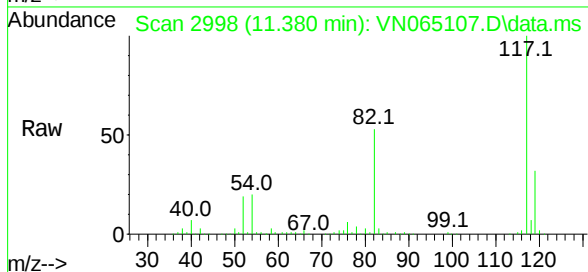


Tgt Ion:	117	Resp:	462458
Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.2	66.2
119	32.5	25.8	38.6

Instrument :
MSVOA_N
ClientSampled :
MW-1

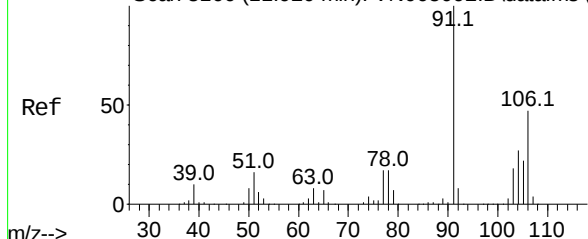
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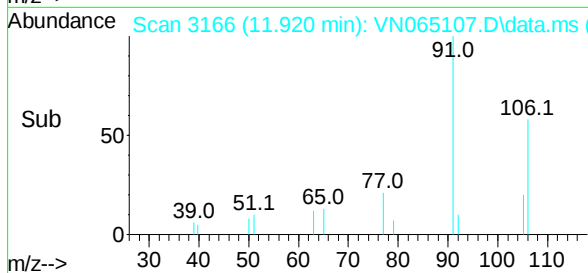
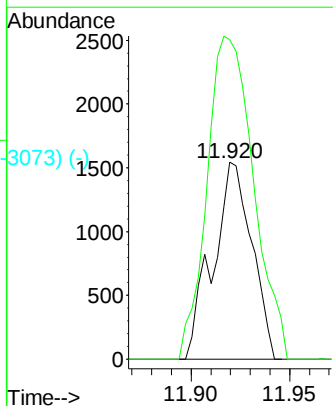
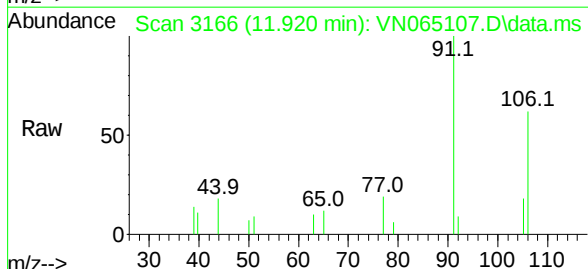


Abundance Scan 3166 (11.920 min): VN065092.D\data.ms (-3169) (-)

o-Xylene
Concen: 0.37 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

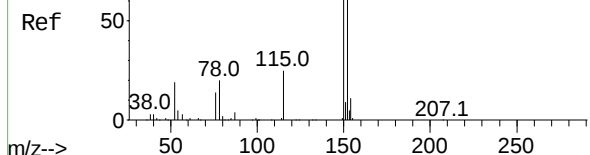


Tgt Ion:	106	Resp:	2129
Ion	Ratio	Lower	Upper
106	100		
91	195.2	105.5	316.5

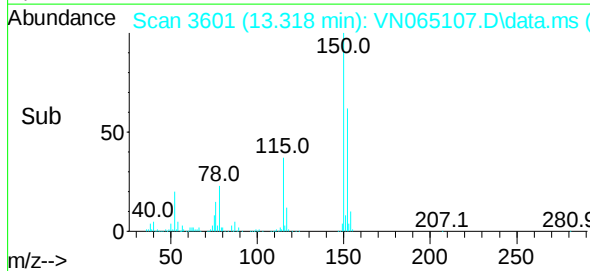
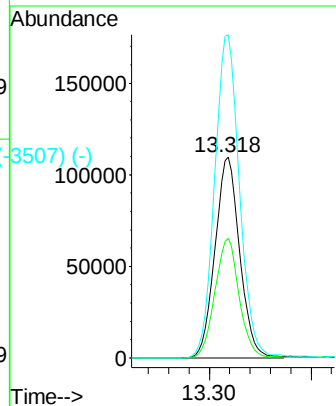
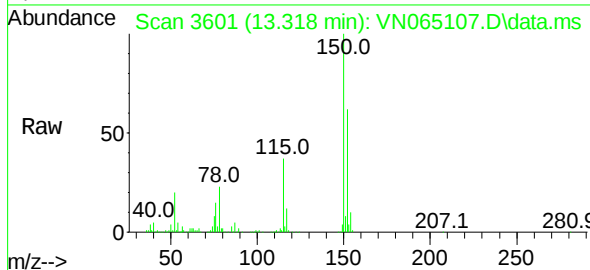


Abundance Scan 3600 (13.315 min): VN065092.D\data.ms (-3576) (-)

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53

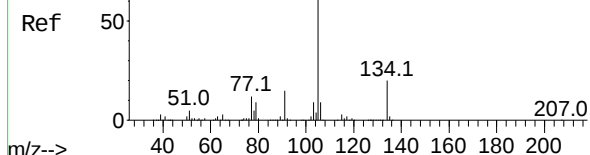


Tgt Ion:152 Resp: 184607
Ion Ratio Lower Upper
152 100
115 58.1 29.7 89.1
150 162.7 0.0 350.6

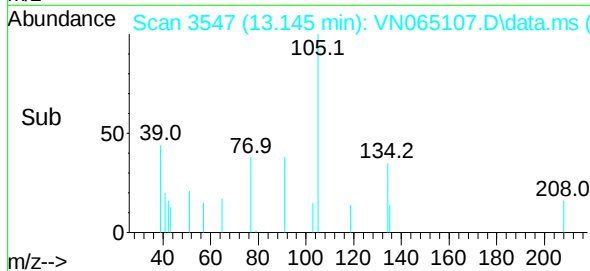
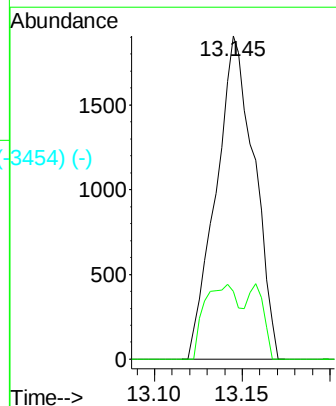
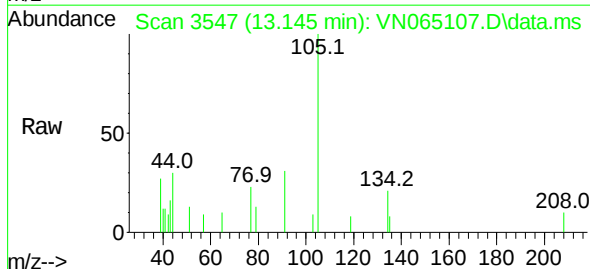


Abundance Scan 3547 (13.145 min): VN065092.D\data.ms (-3585) (-)

sec-Butylbenzene
Concen: 0.25 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. -0.000 min
Lab File: VN065107.D
Acq: 14 Dec 2020 17:53



Tgt Ion:105 Resp: 2888
Ion Ratio Lower Upper
105 100
134 21.6 10.1 30.1



Instrument :
MSVOA_N
ClientSampleId :
MW-1

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