

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122420\
 Data File : VN065255.D
 Acq On : 24 Dec 2020 12:34
 Operator : JC/MD
 Sample : L5176-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27339

Quant Time: Dec 25 02:35:50 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	276402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	414782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	369833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	154502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.991	65	156269	50.08	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	100.16%	
35) Dibromofluoromethane	7.553	113	126928	50.72	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.44%	
50) Toluene-d8	10.061	98	463897	49.46	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.376	95	160084	43.86	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	87.72%	

Target Compounds

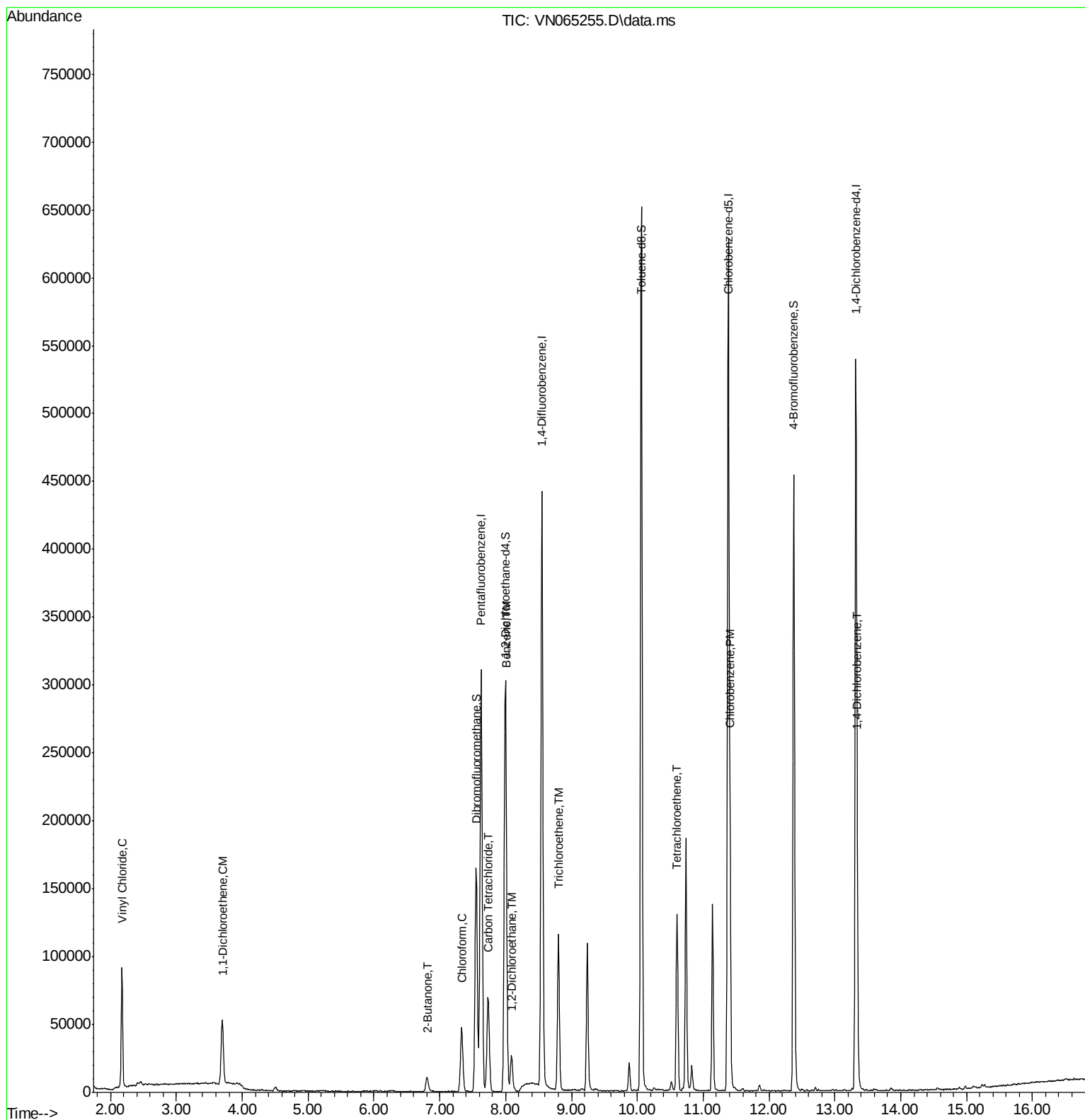
						Qvalue
4) Vinyl Chloride	2.174	62	79234	26.17	ug/l	98
12) 1,1-Dichloroethene	3.698	96	24659	9.08	ug/l	91
25) 2-Butanone	6.807	43	19697	11.24	ug/l	94
30) Chloroform	7.331	83	49794	9.90	ug/l	98
38) Carbon Tetrachloride	7.733	117	56868	14.36	ug/l	97
40) Benzene	8.003	78	168236	14.99	ug/l	97
42) 1,2-Dichloroethane	8.090	62	25899	6.25	ug/l	98
44) Trichloroethene	8.801	130	45044	13.91	ug/l	94
64) Tetrachloroethene	10.601	164	30557	8.51	ug/l	94
65) Chlorobenzene	11.405	112	99130	13.17	ug/l	98
88) 1,4-Dichlorobenzene	13.338	146	53154	10.30	ug/l	100

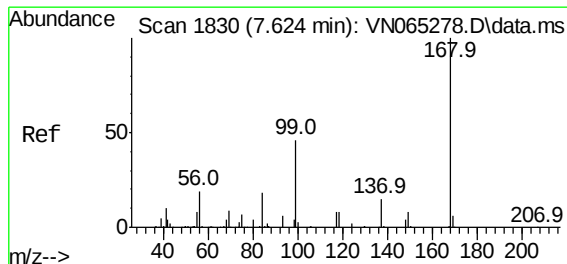
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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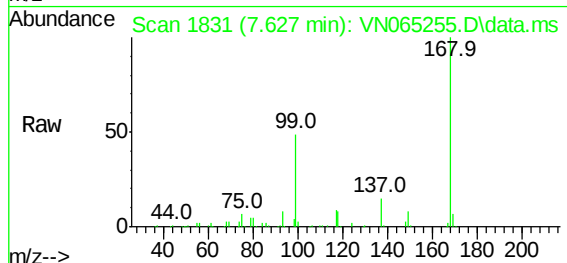
Quant Time: Dec 25 02:35:50 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration



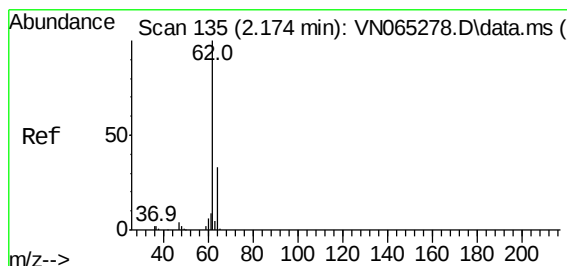
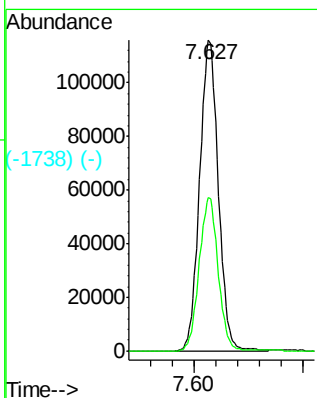
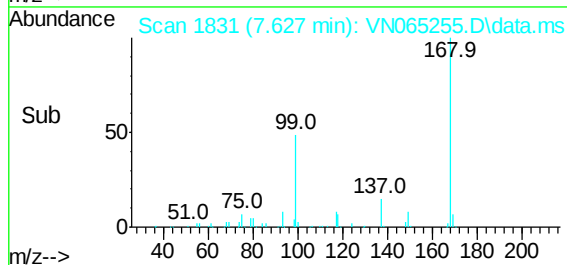


#11 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

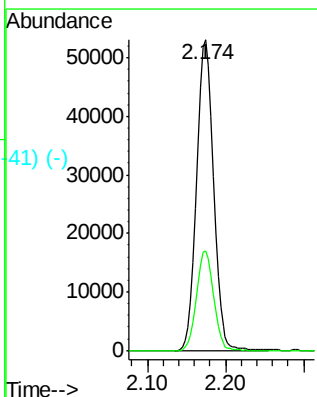
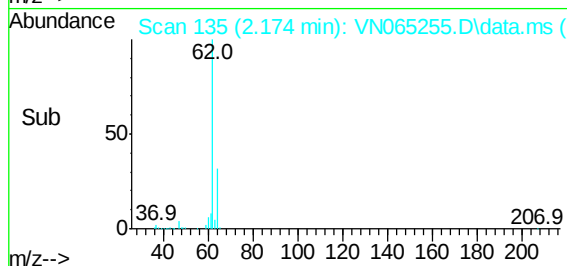
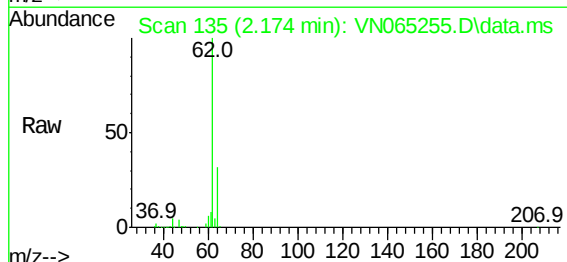


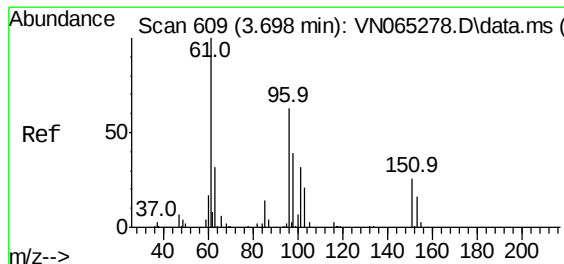
Tgt Ion:168 Resp: 276402
Ion Ratio Lower Upper
168 100
99 49.4 43.0 64.4



#124 (-)
Vinyl Chloride
Concen: 26.17 ug/l
RT: 2.174 min Scan# 135
Delta R.T. 0.003 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

Tgt Ion: 62 Resp: 79234
Ion Ratio Lower Upper
62 100
64 32.2 26.5 39.7

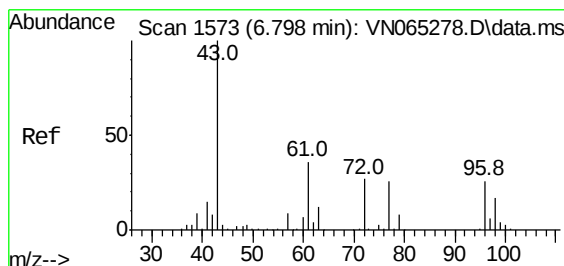
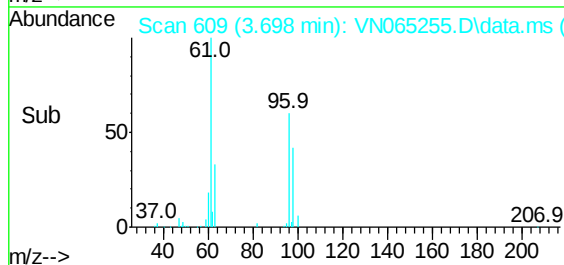
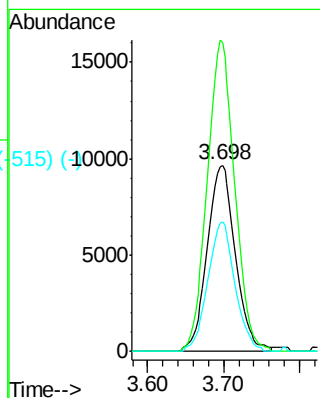
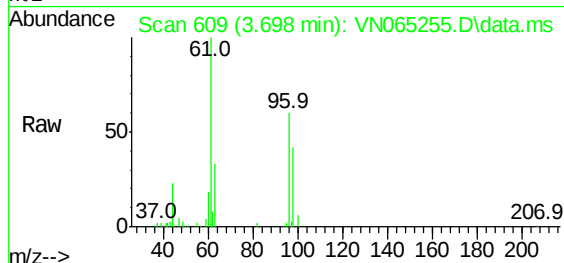




1,1-Dichloroethene
 Concen: 9.08 ug/l
 RT: 3.698 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VN065255.D
 Acq: 24 Dec 2020 12:34

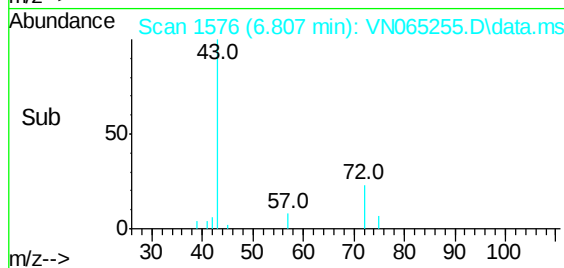
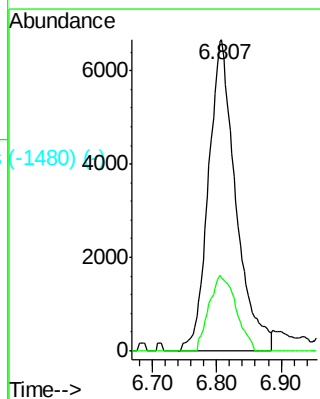
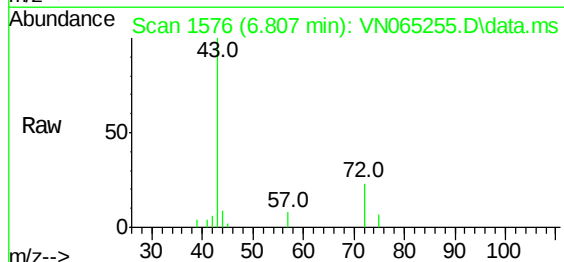
Instrument :
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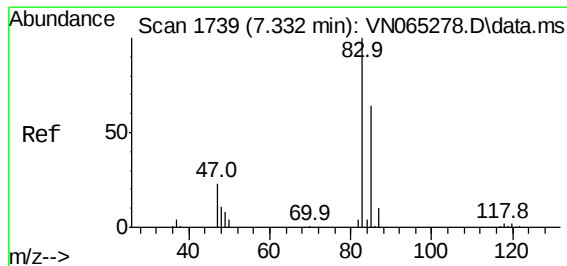
Tgt Ion:	96	Resp:	24659
Ion	Ratio	Lower	Upper
96	100		
61	166.0	123.4	185.2
98	69.4	49.8	74.8



2-Butanone
 Concen: 11.24 ug/l
 RT: 6.807 min Scan# 1576
 Delta R.T. 0.009 min
 Lab File: VN065255.D
 Acq: 24 Dec 2020 12:34

Tgt Ion:	43	Resp:	19697
Ion	Ratio	Lower	Upper
43	100		
72	23.5	21.0	31.6

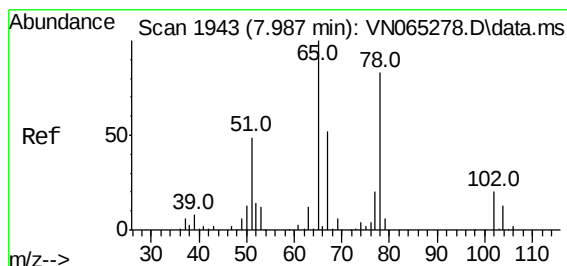
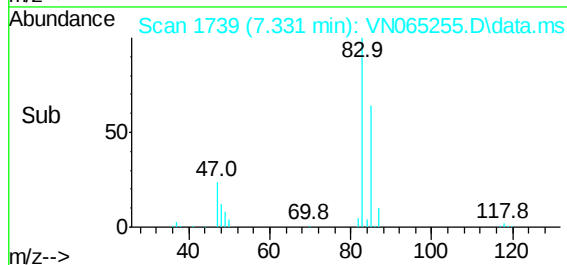
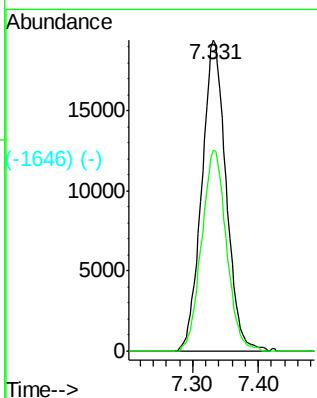
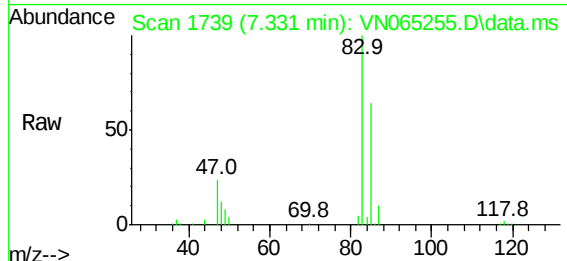




(-131) (-)
Chloroform
Concen: 9.90 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. -0.001 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

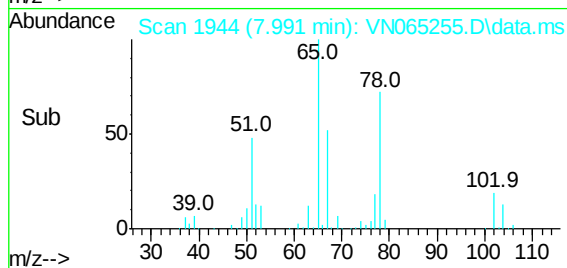
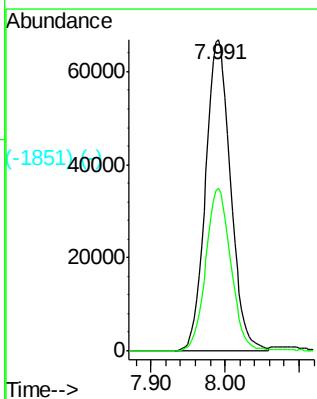
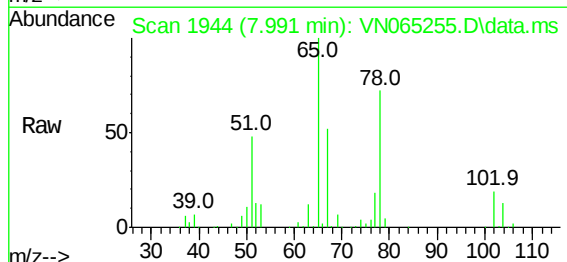
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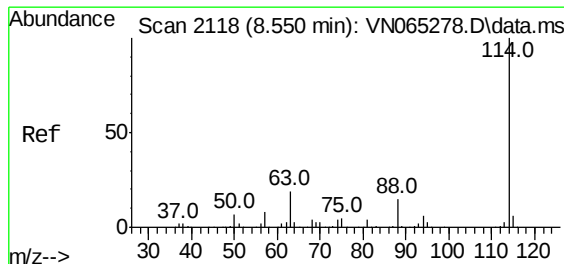
Tgt Ion: 83 Resp: 49794
Ion Ratio Lower Upper
83 100
85 64.4 52.6 78.8



(-132) (-)
1,2-Dichloroethane-d4
Concen: 50.08 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

Tgt Ion: 65 Resp: 156269
Ion Ratio Lower Upper
65 100
67 52.0 0.0 108.2

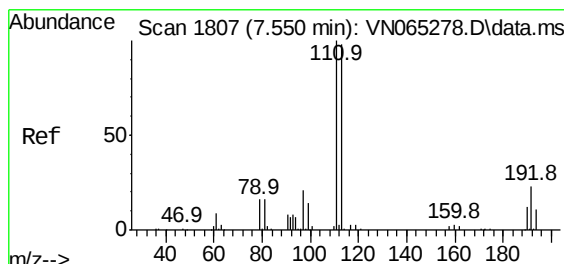
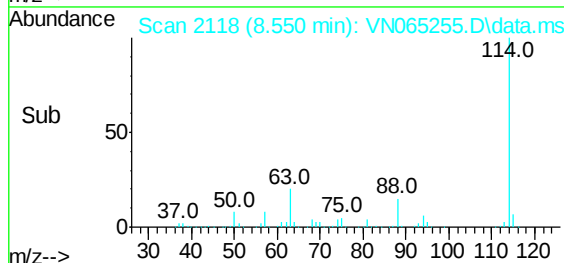
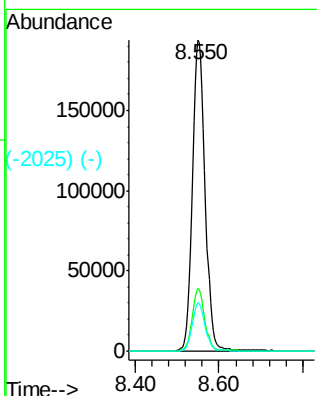
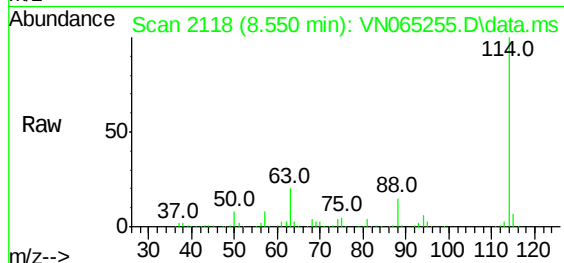




#2118 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

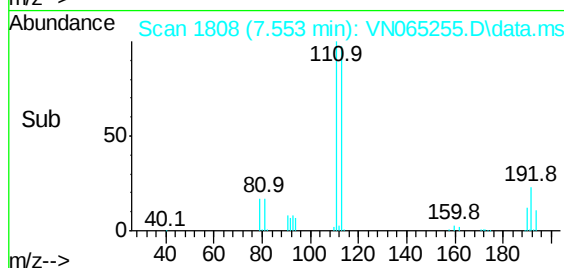
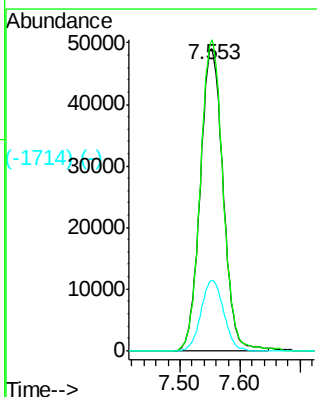
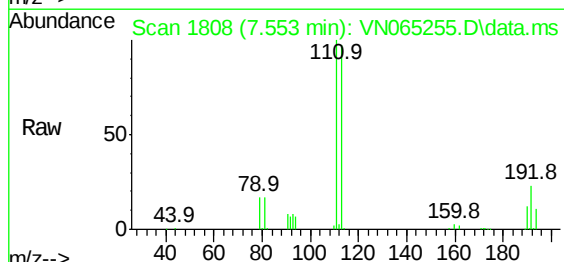
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

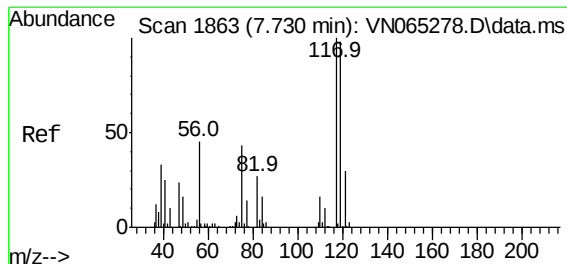
Tgt Ion:114 Resp: 414782
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 15.4 0.0 32.6



#1808 (-)
Dibromofluoromethane
Concen: 50.72 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

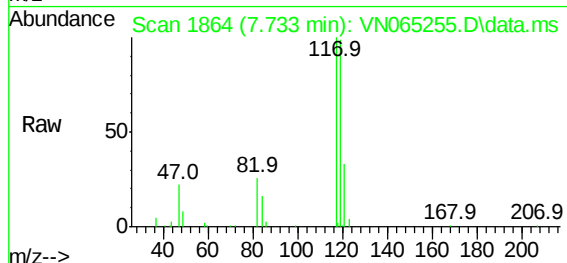
Tgt Ion:113 Resp: 126928
Ion Ratio Lower Upper
113 100
111 101.8 81.6 122.4
192 22.8 16.2 24.2



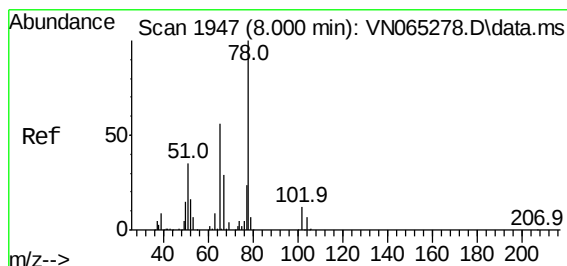
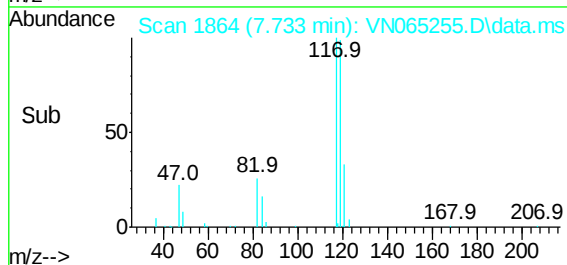
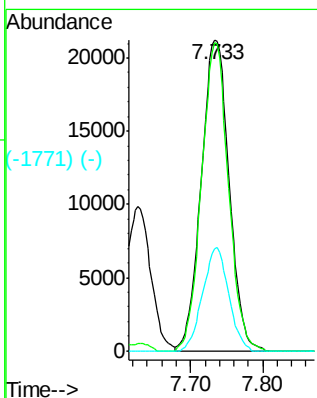


#186 (-)
Carbon Tetrachloride
Concen: 14.36 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

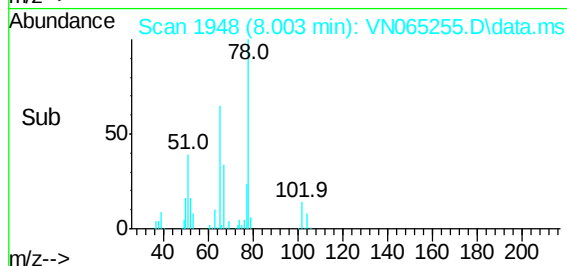
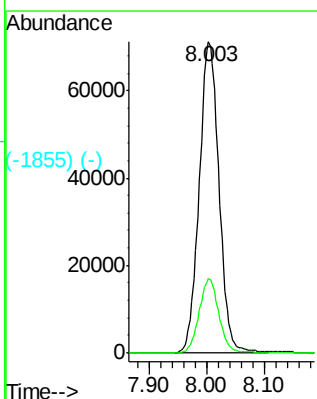
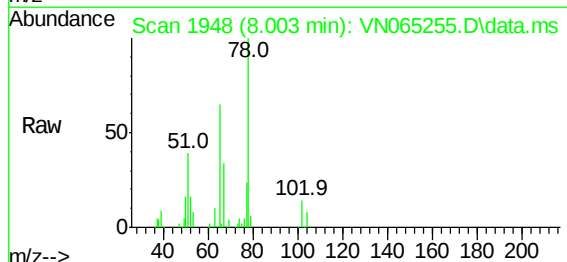


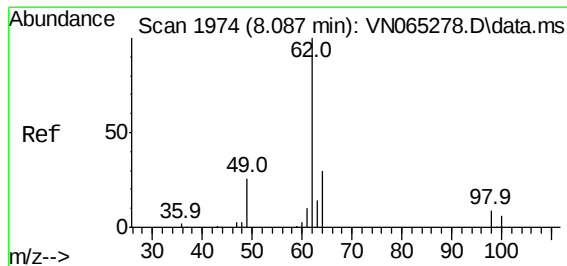
Tgt Ion:117 Resp: 56868
Ion Ratio Lower Upper
117 100
119 99.3 76.7 115.1
121 33.0 25.4 38.2



#199 (-)
Benzene
Concen: 14.99 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

Tgt Ion: 78 Resp: 168236
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9

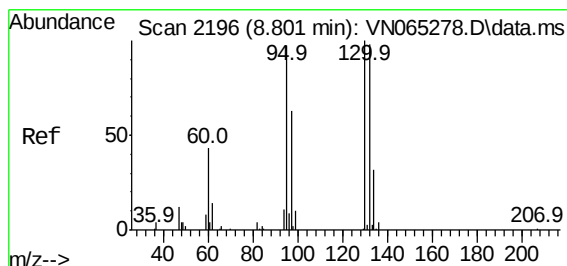
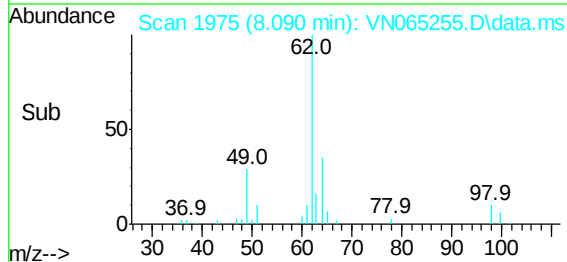
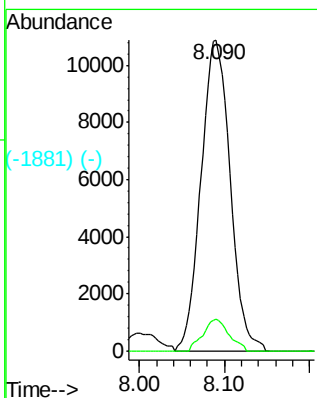
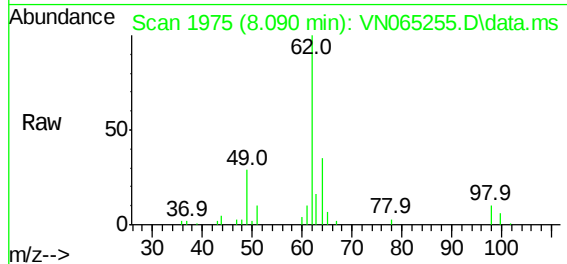




1,2-Dichloroethane
Concen: 6.25 ug/l
RT: 8.090 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

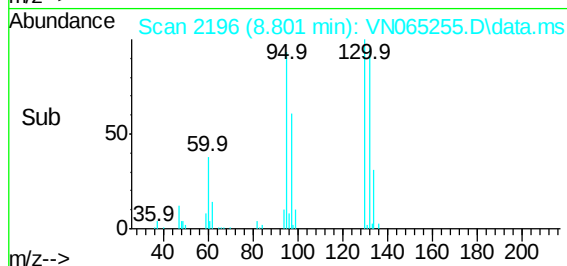
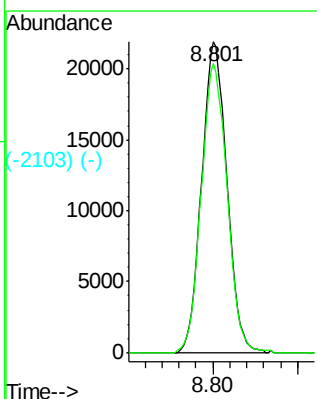
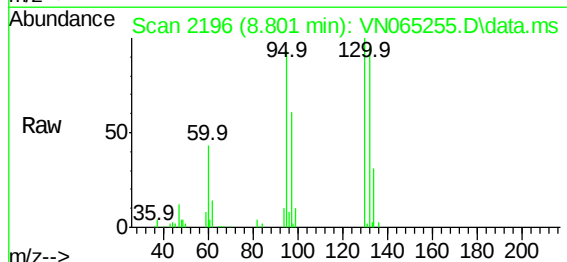
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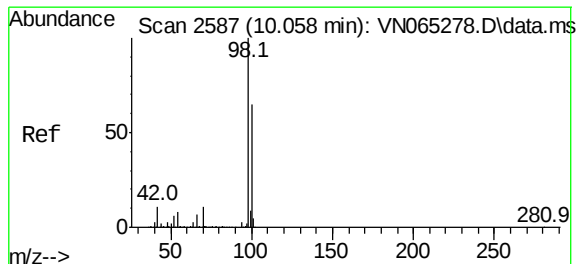
Tgt Ion: 62 Resp: 25899
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.6



Trichloroethene
Concen: 13.91 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

Tgt Ion: 130 Resp: 45044
Ion Ratio Lower Upper
130 100
95 93.1 0.0 197.8

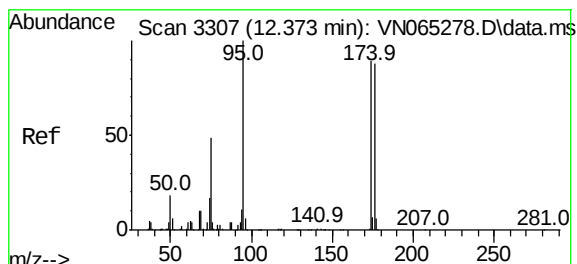
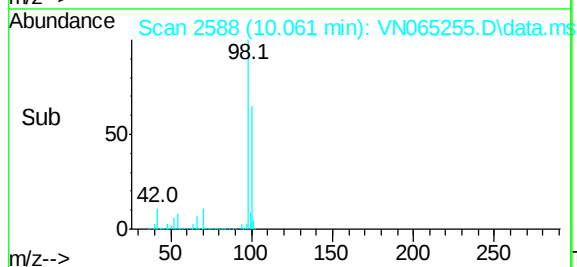
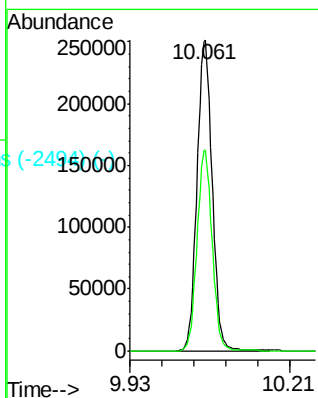
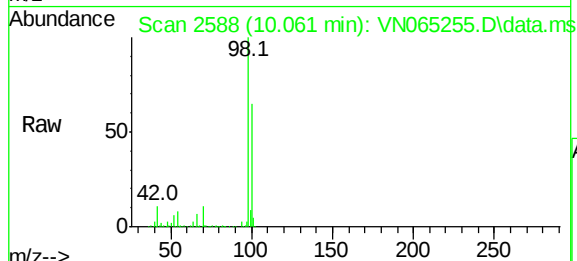




#5971 (-)
Toluene-d8
Concen: 49.46 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

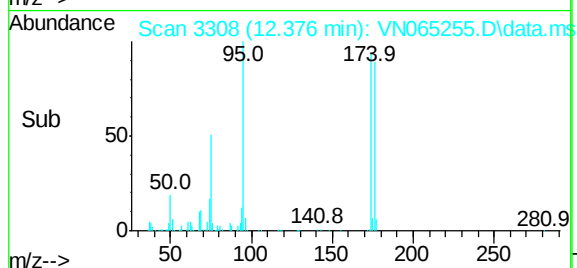
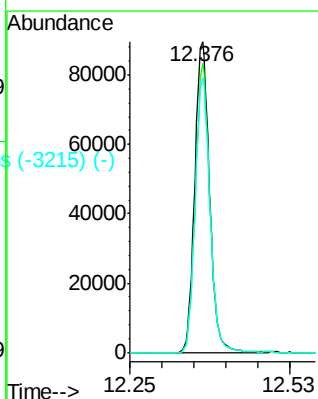
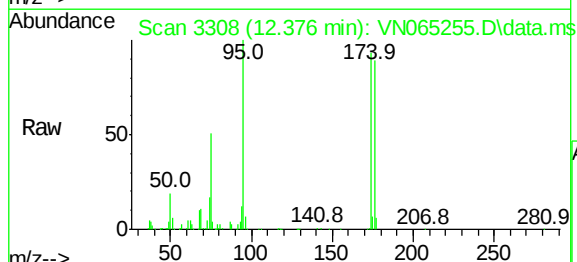
Instrument :
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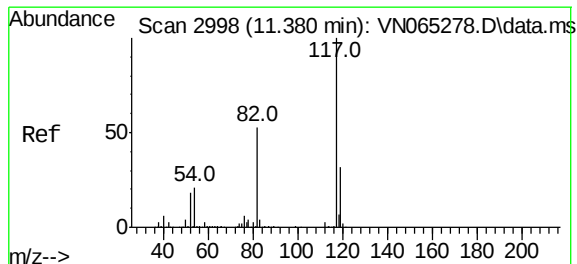
Tgt Ion: 98 Resp: 463897
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#3293 (-)
4-Bromofluorobenzene
Concen: 43.86 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

Tgt Ion: 95 Resp: 160084
Ion Ratio Lower Upper
95 100
174 91.1 0.0 160.4
176 88.3 0.0 158.4

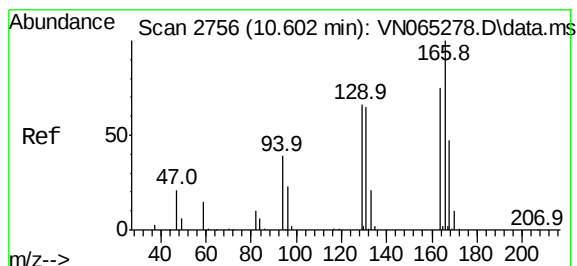
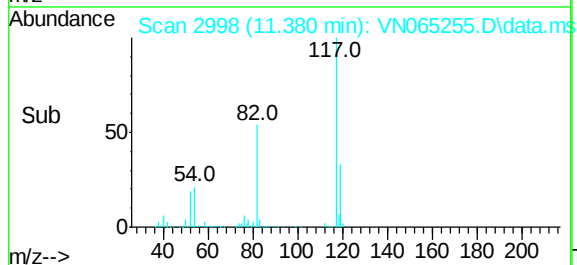
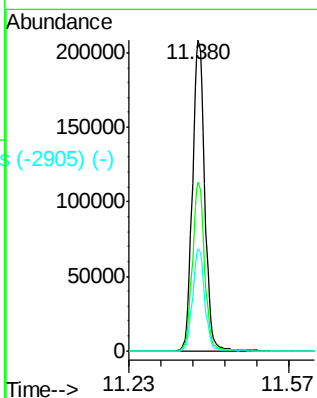
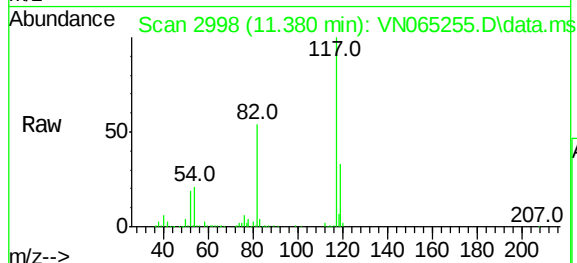




#2983 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

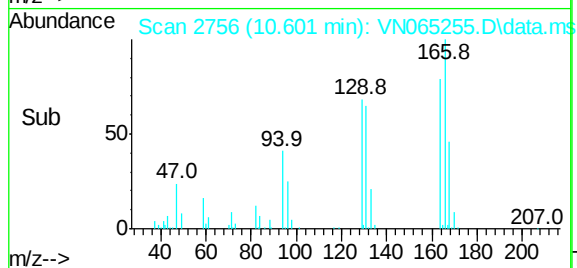
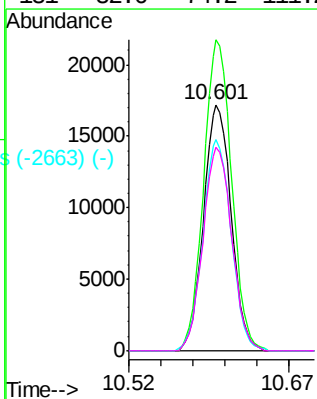
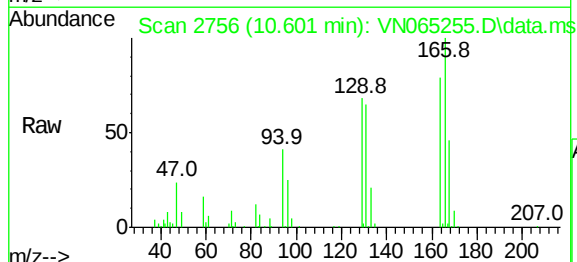
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

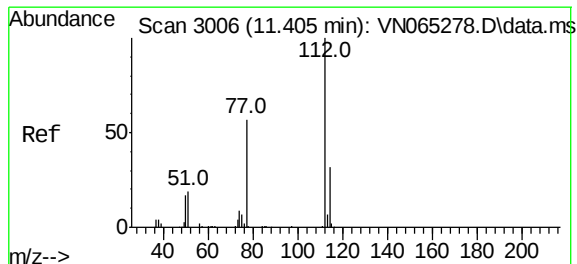
Tgt Ion:117 Resp: 369833
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.7 25.8 38.6



#2742 (-)
Tetrachloroethene
Concen: 8.51 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

Tgt Ion:164 Resp: 30557
Ion Ratio Lower Upper
164 100
166 126.5 101.4 152.0
129 86.1 76.1 114.1
131 82.6 74.2 111.2

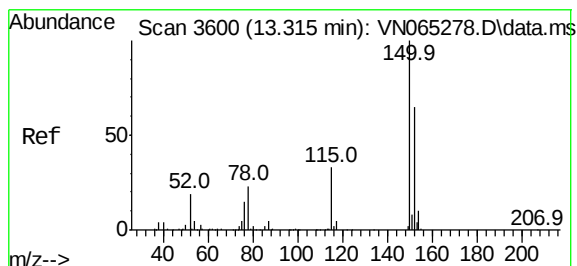
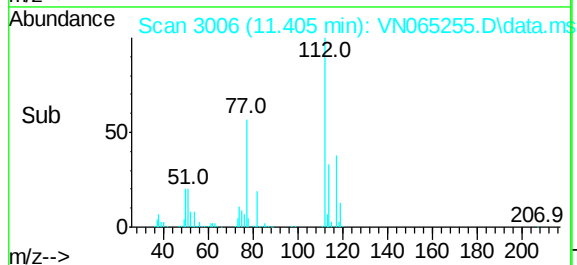
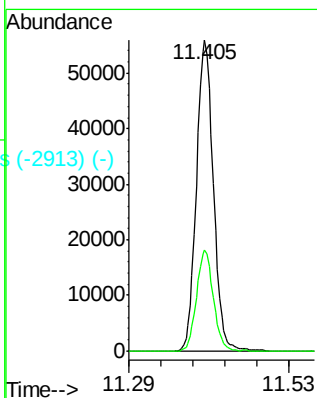
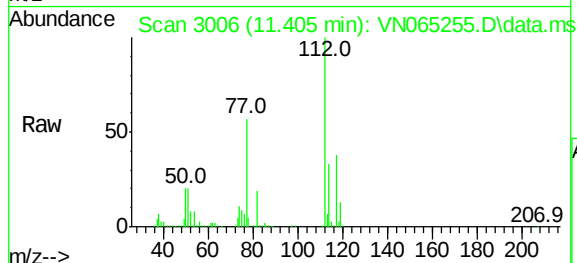




#6592 (-)
Chlorobenzene
Concen: 13.17 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

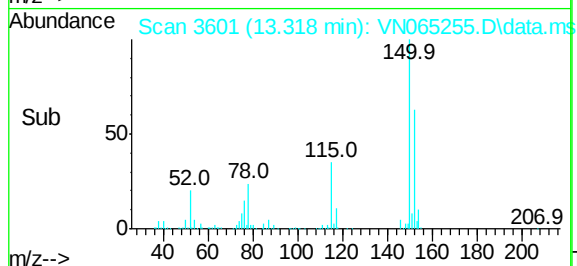
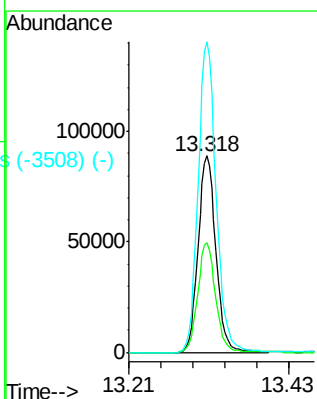
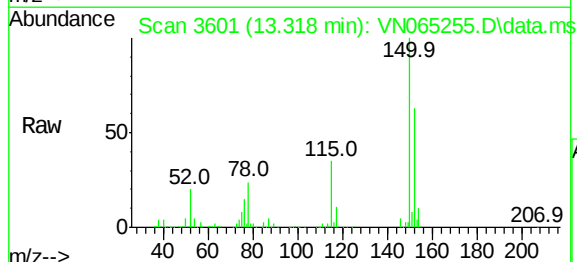
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

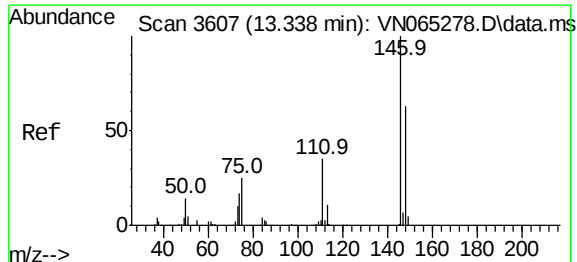
Tgt Ion:112 Resp: 99130
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#7387 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065255.D
Acq: 24 Dec 2020 12:34

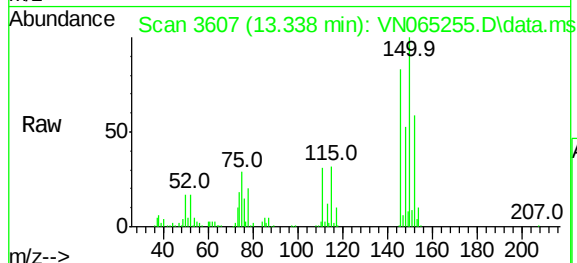
Tgt Ion:152 Resp: 154502
Ion Ratio Lower Upper
152 100
115 55.9 29.7 89.1
150 161.1 0.0 350.6





#895 (-)
 1,4-Dichlorobenzene
 Concen: 10.30 ug/l
 RT: 13.338 min Scan# 3607
 Delta R.T. -0.000 min
 Lab File: VN065255.D
 Acq: 24 Dec 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27339



Tgt Ion:	146	Resp:	53154
Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	63.9	31.9	95.5

