

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065245.D
 Acq On : 23 Dec 2020 19:22
 Operator : JC/MD
 Sample : L5176-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-26920

Manual Integrations
 APPROVED

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 12/24/2020 12:10:04 PM

Quant Time: Dec 24 04:24:15 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	238064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	398584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	415154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	188228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	139563	51.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.86%			
35) Dibromofluoromethane	7.553	113	123548	51.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.76%			
50) Toluene-d8	10.058	98	492301	54.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.24%			
62) 4-Bromofluorobenzene	12.376	95	201273	55.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.62%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.772	59	45234	102.86	ug/l	97
16) Acetone	3.785	43	64561	48.58	ug/l	98
20) Methylene Chloride	4.502	84	24247557m	9247.32	ug/l	
25) 2-Butanone	6.801	43	100425	66.56	ug/l	99
28) Bromochloromethane	7.174	49	1597	1.47	ug/l #	55
40) Benzene	8.003	78	41045	3.81	ug/l	96
43) Isopropyl Acetate	8.132	43	25589	4.13	ug/l #	88
52) Toluene	10.126	92	183311	26.98	ug/l	100
67) Ethyl Benzene	11.482	91	33967	2.23	ug/l	100
68) m/p-Xylenes	11.592	106	47992	8.37	ug/l	98
69) o-Xylene	11.920	106	25183	4.52	ug/l	100
84) 1,2,4-Trimethylbenzene	13.013	105	46014	3.87	ug/l	99
95) Naphthalene	15.096	128	20994	5.38	ug/l	97

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

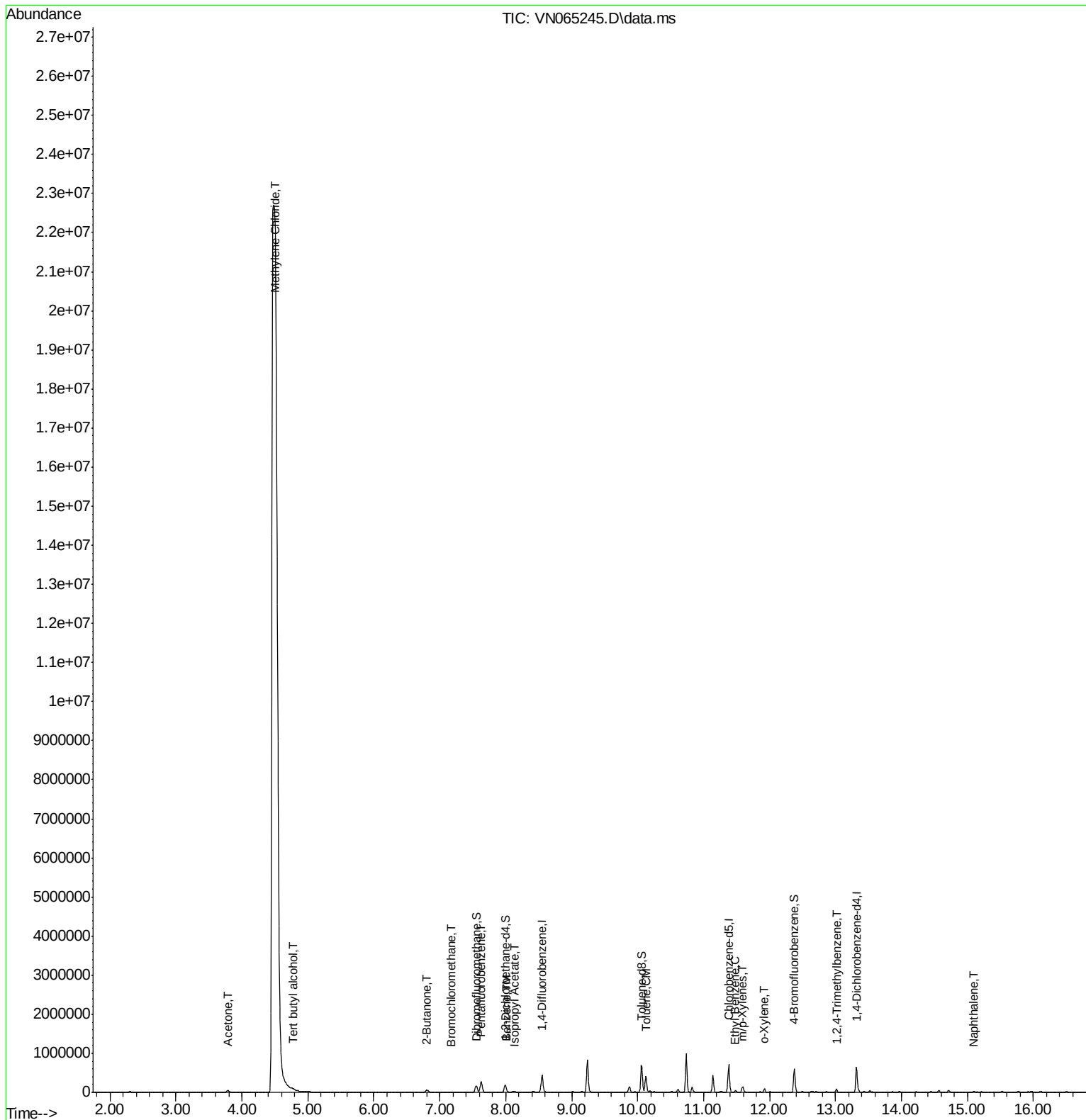
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
Data File : VN065245.D
Acq On : 23 Dec 2020 19:22
Operator : JC/MD
Sample : L5176-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

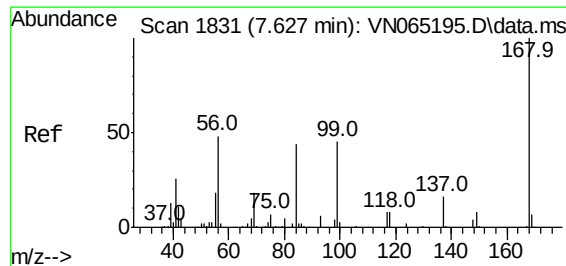
Instrument :
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Quant Time: Dec 24 04:24:15 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration



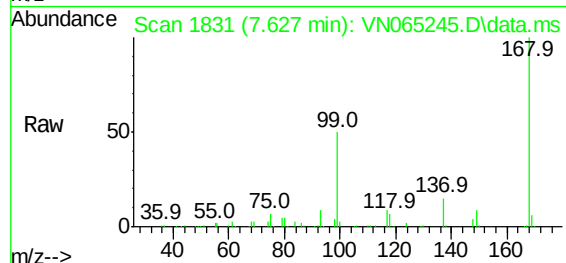


Pentafuorobenzene
 Concen: 50.00 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: VN065245.D
 Acq: 23 Dec 2020 19:22

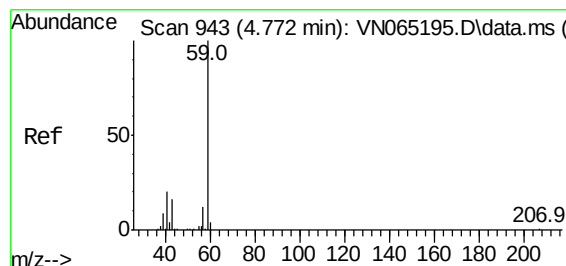
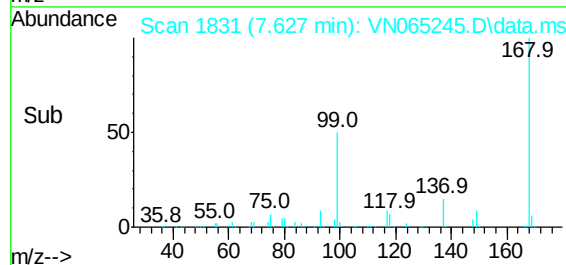
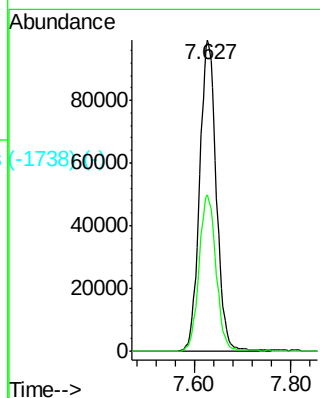
Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-26920

Manual Integrations
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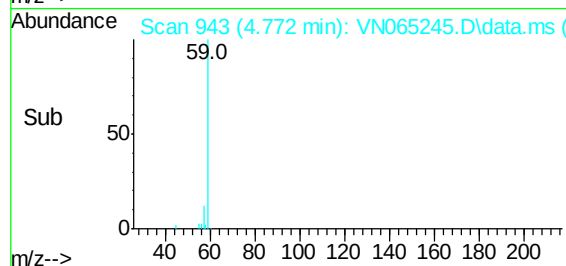
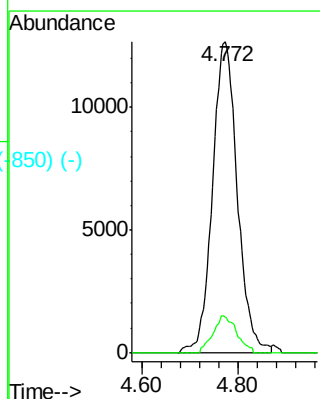
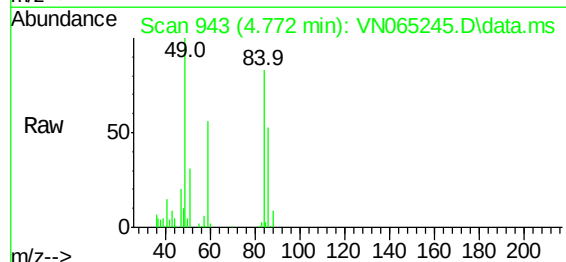


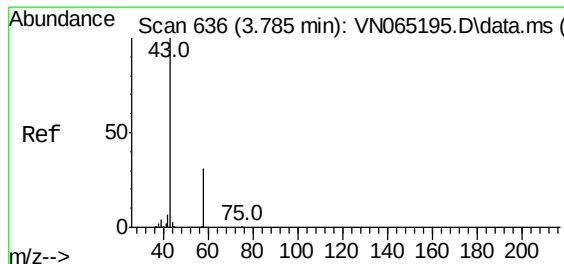
Tgt Ion: 168 Resp: 238064
 Ion Ratio Lower Upper
 168 100
 99 50.0 43.0 64.4



Tert butyl alcohol
 Concen: 102.86 ug/l
 RT: 4.772 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN065245.D
 Acq: 23 Dec 2020 19:22

Tgt Ion: 59 Resp: 45234
 Ion Ratio Lower Upper
 59 100
 57 11.1 7.9 11.9





Acetone

Concen: 48.58 ug/l

RT: 3.785 min Scan# 636

Delta R.T. 0.000 min

Lab File: VN065245.D

Acq: 23 Dec 2020 19:22

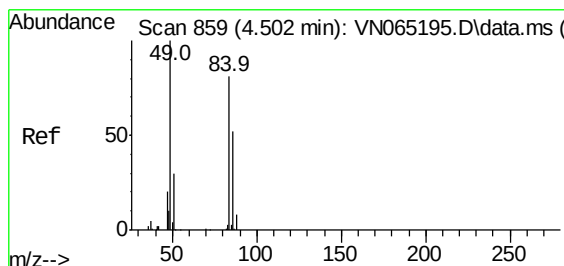
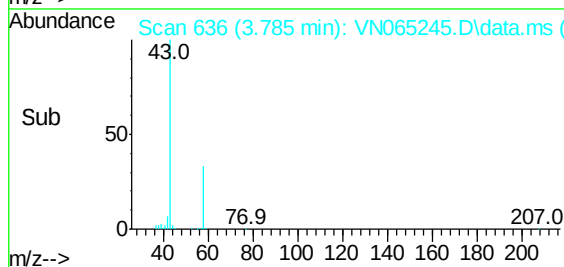
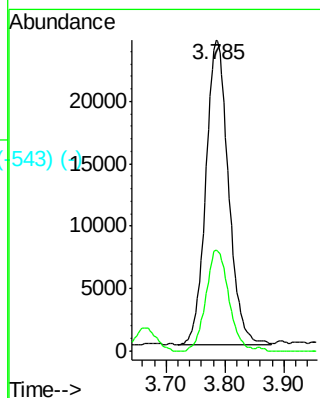
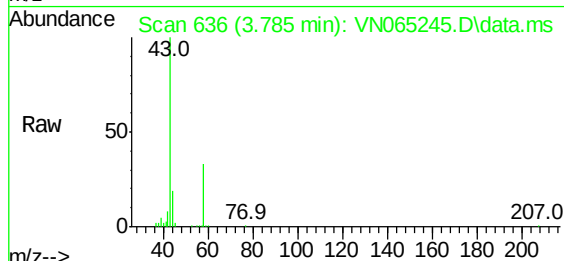
Tgt Ion: 43 Resp: 64561

Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.7	38.5

Instrument :
MSVOA_N
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CHRT-26920

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Methylene Chloride

Concen: 9247.32 ug/l m

RT: 4.502 min Scan# 859

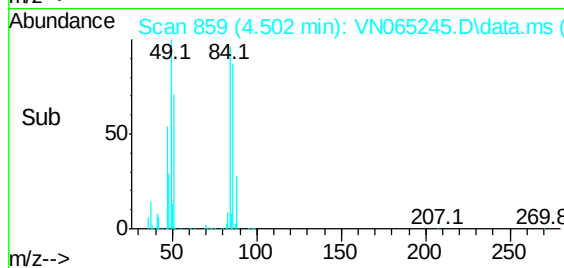
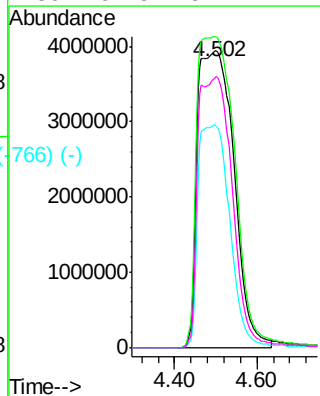
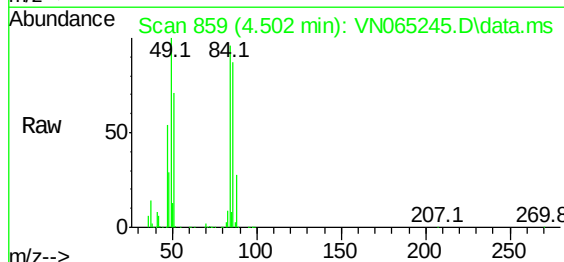
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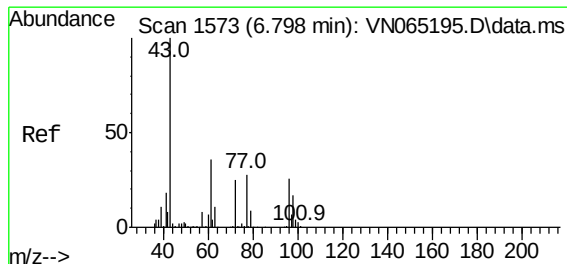
Lab File: VN065245.D

Acq: 23 Dec 2020 19:22

Tgt Ion: 84 Resp: 24247557

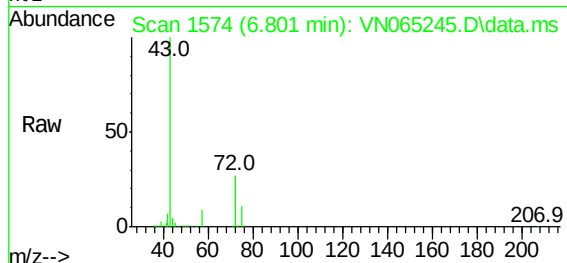
Ion	Ratio	Lower	Upper
84	100		
49	104.5	93.4	140.0
51	74.7	28.2	42.4#
86	91.3	51.7	77.5#





#157 (-)
2-Butanone
Concen: 66.56 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22

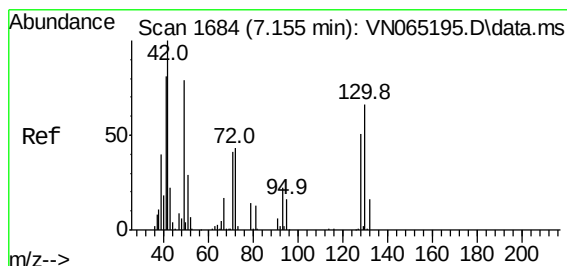
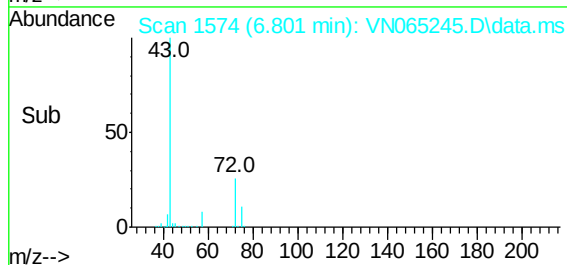
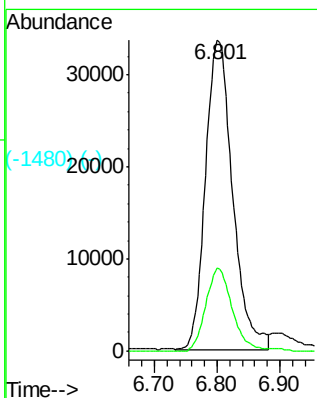
Instrument :
MSVOA_N
ClientSampleId :
CHRT-26920



Tgt Ion: 43 Resp: 100425
Ion Ratio Lower Upper
43 100
72 26.7 21.0 31.6

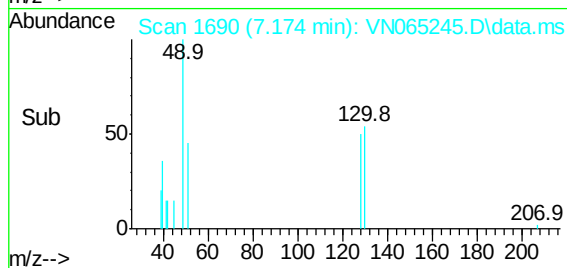
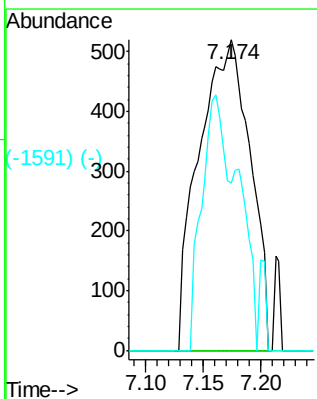
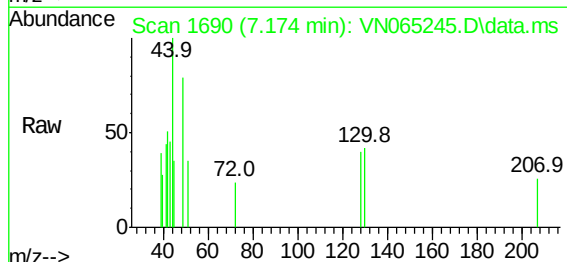
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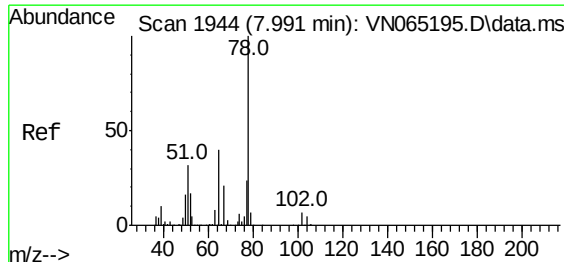
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#168 (-)
Bromochloromethane
Concen: 1.47 ug/l
RT: 7.174 min Scan# 1690
Delta R.T. 0.019 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22

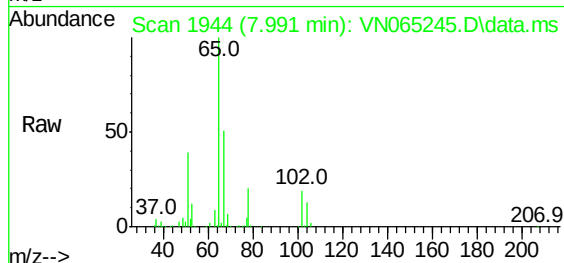
Tgt Ion: 49 Resp: 1597
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 41.1 66.2 99.2#





#1926 (-)
 1,2-Dichloroethane-d4
 Concen: 51.93 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN065245.D
 Acq: 23 Dec 2020 19:22

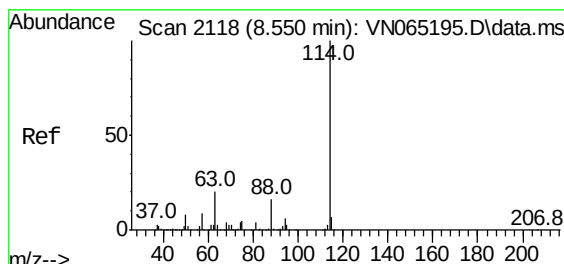
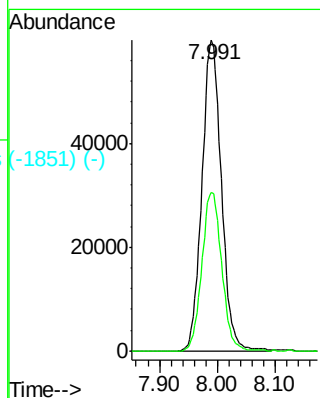
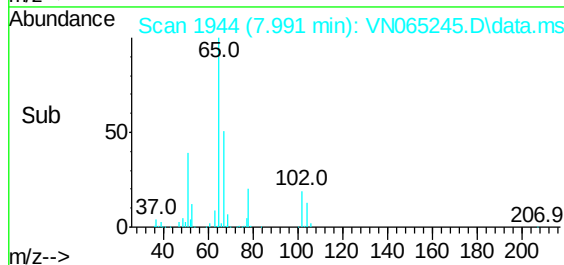
Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-26920



Tgt Ion: 65 Resp: 139563
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 108.2

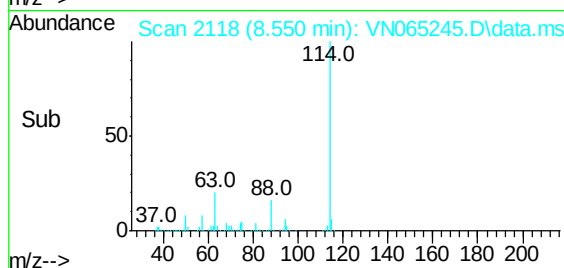
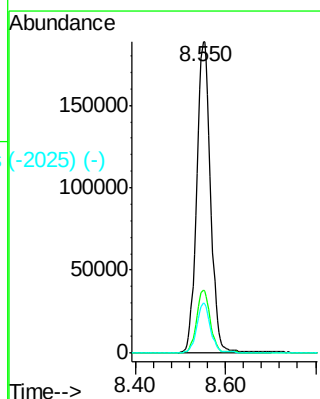
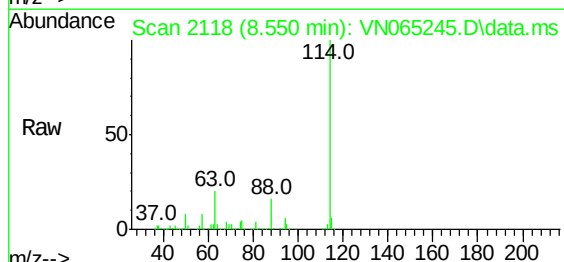
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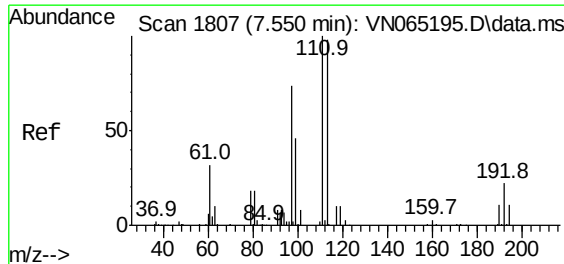
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#1926 (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VN065245.D
 Acq: 23 Dec 2020 19:22

Tgt Ion: 114 Resp: 398584
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.6
 88 15.8 0.0 32.6





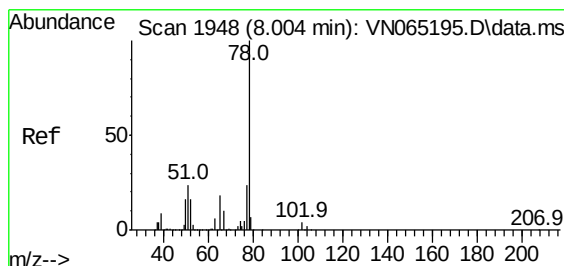
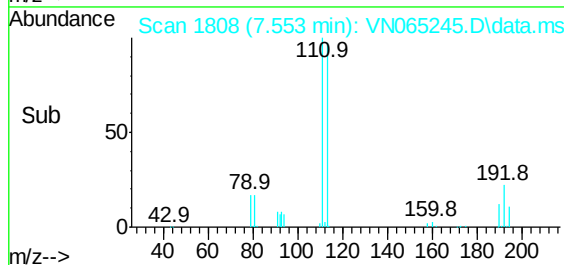
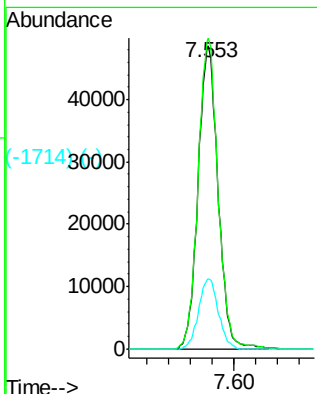
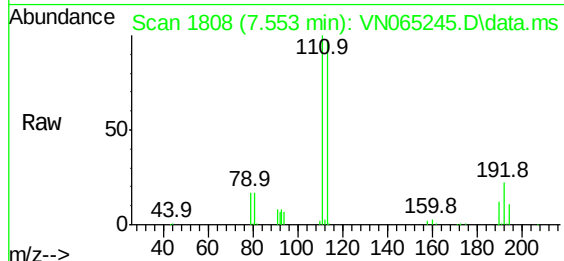
#358 (-)
Dibromofluoromethane
Concen: 51.38 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22

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Tgt Ion:113 Resp: 123548
Ion Ratio Lower Upper
113 100
111 102.1 81.6 122.4
192 22.8 16.2 24.2

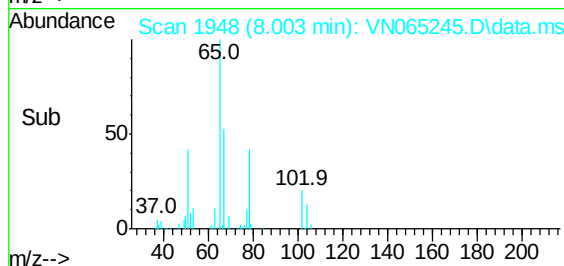
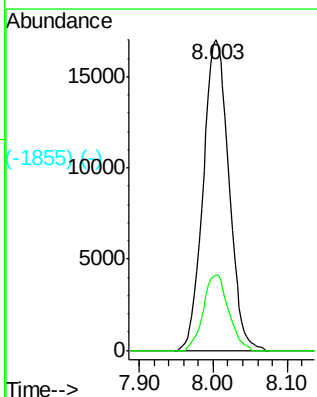
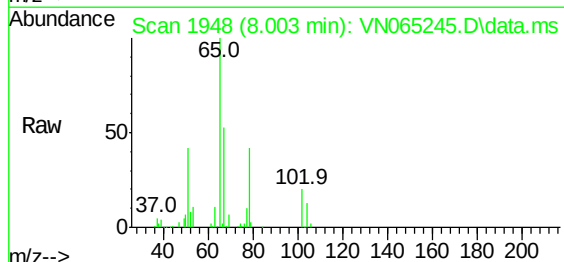
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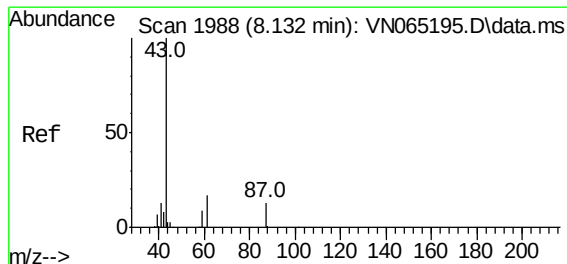
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#408 (-)
Benzene
Concen: 3.81 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22

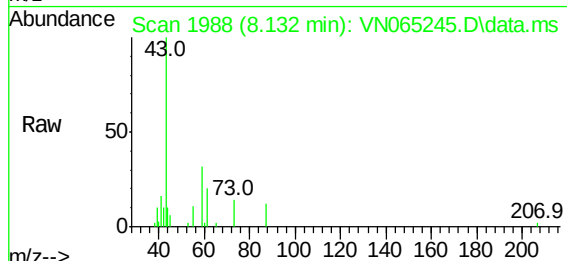
Tgt Ion: 78 Resp: 41045
Ion Ratio Lower Upper
78 100
77 24.1 17.9 26.9





#438 (-)
Isopropyl Acetate
Concen: 4.13 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22

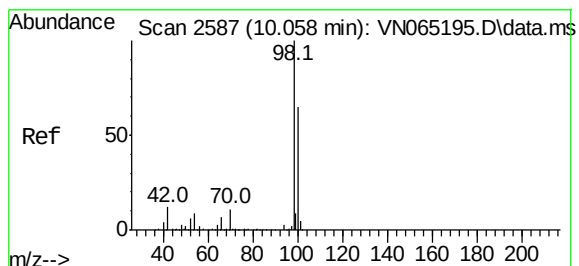
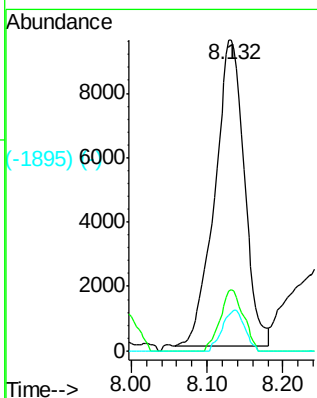
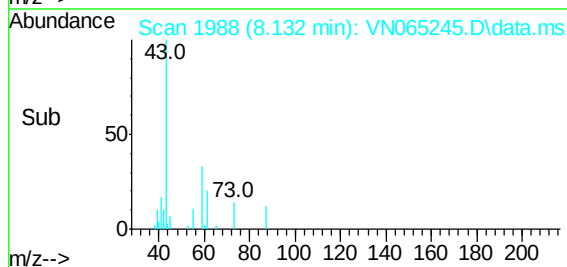
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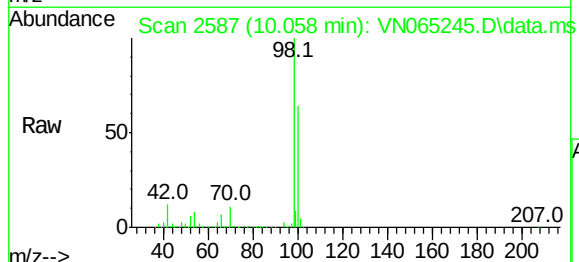
Tgt Ion: 43 Resp: 25589
Ion Ratio Lower Upper
43 100
61 15.6 17.2 25.8#
87 10.0 11.4 17.0#

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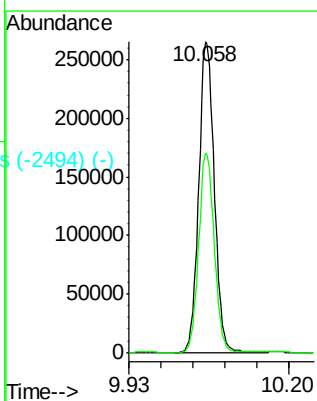
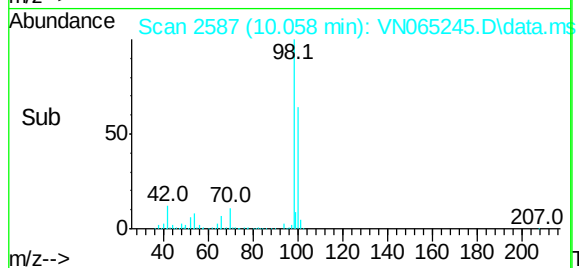
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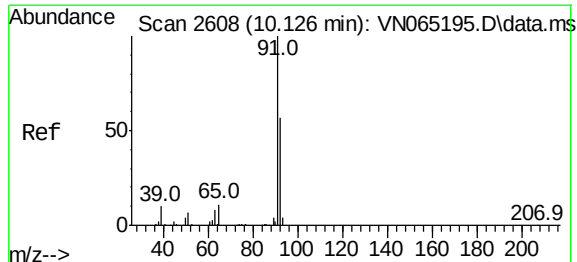


#5071 (-)
Toluene-d8
Concen: 54.62 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22



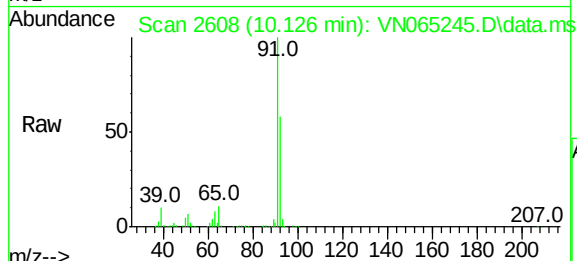
Tgt Ion: 98 Resp: 492301
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5





#592 (-)
Toluene
Concen: 26.98 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22

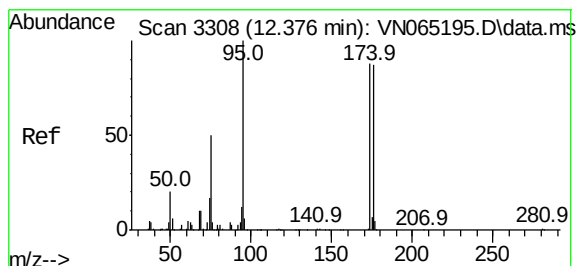
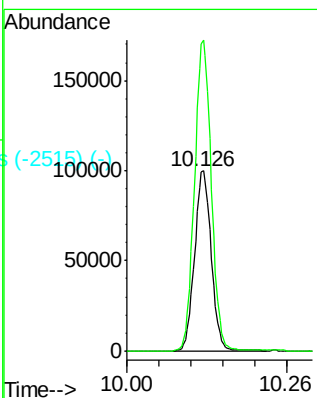
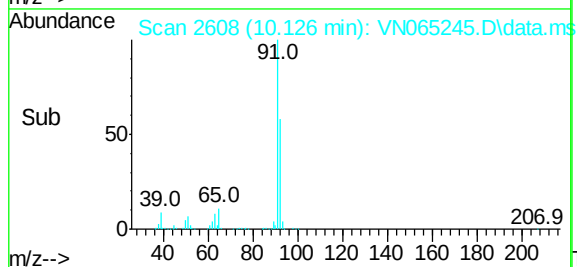
Instrument :
MSVOA_N
ClientSampleId :
CHRT-26920



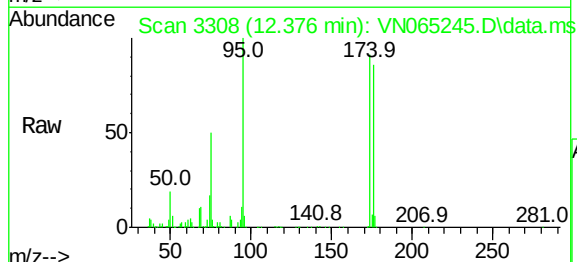
Tgt Ion: 92 Resp: 183311
Ion Ratio Lower Upper
92 100
91 174.2 139.1 208.7

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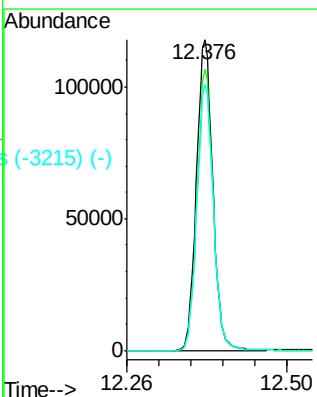
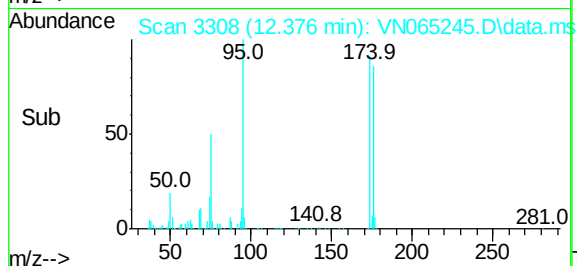
MMDadoda
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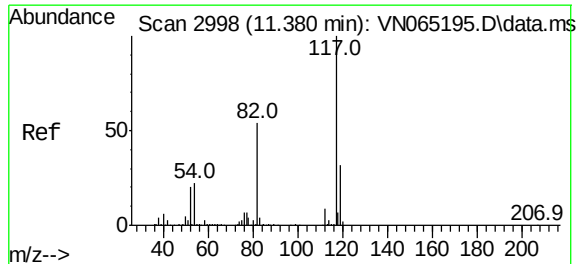


#624 (-)
4-Bromofluorobenzene
Concen: 55.81 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22



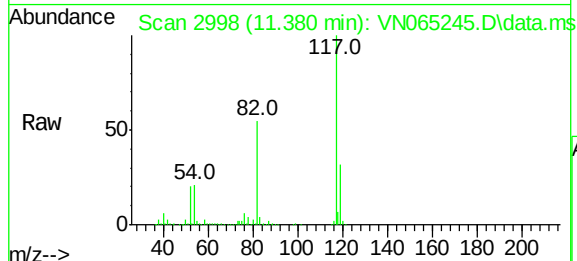
Tgt Ion: 95 Resp: 201273
Ion Ratio Lower Upper
95 100
174 89.6 0.0 160.4
176 86.4 0.0 158.4





#693 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22

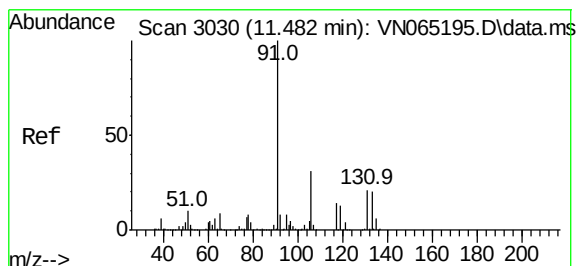
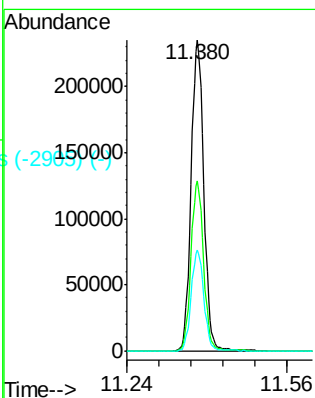
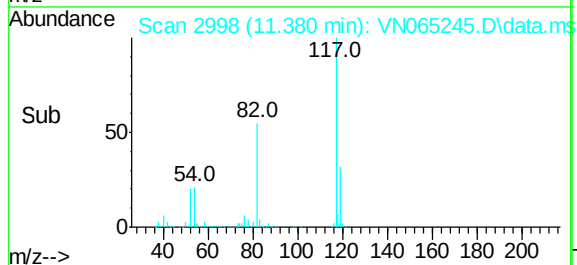
Instrument :
MSVOA_N
ClientSampleId :
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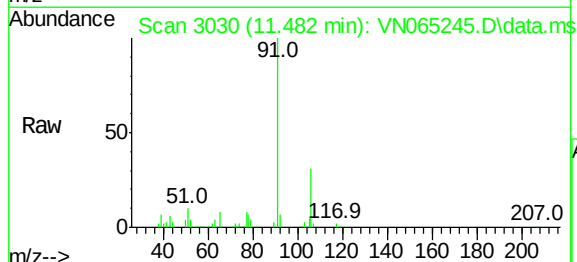
Tgt Ion:117 Resp: 415154
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.4 25.8 38.6

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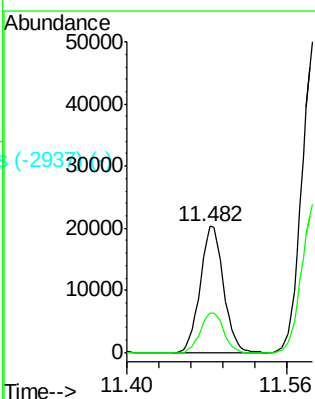
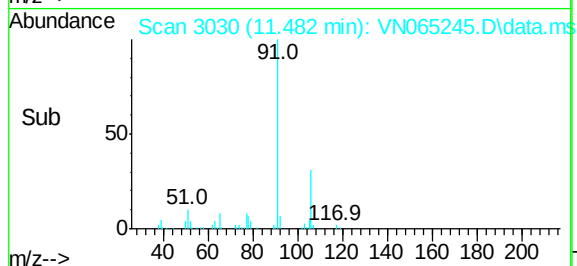
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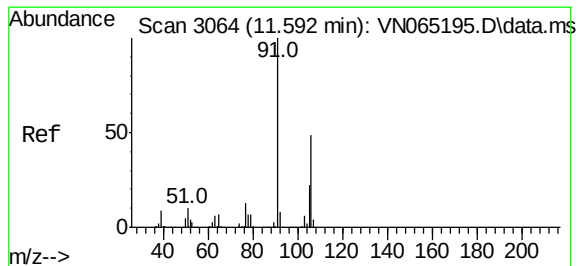


#6715 (-)
Ethyl Benzene
Concen: 2.23 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065245.D
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Tgt Ion: 91 Resp: 33967
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8





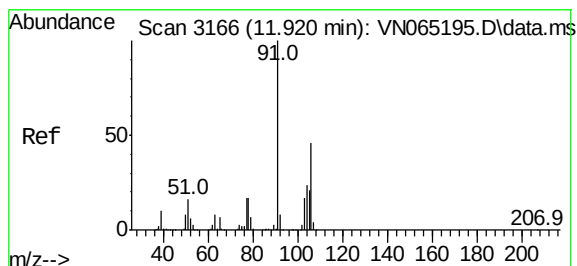
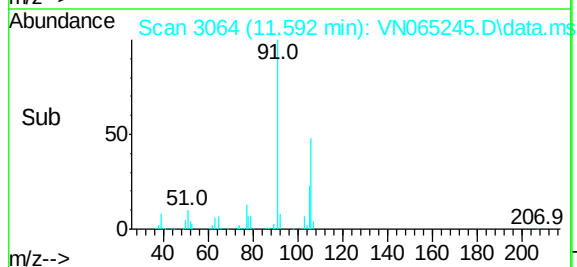
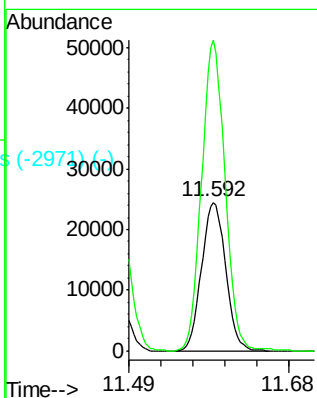
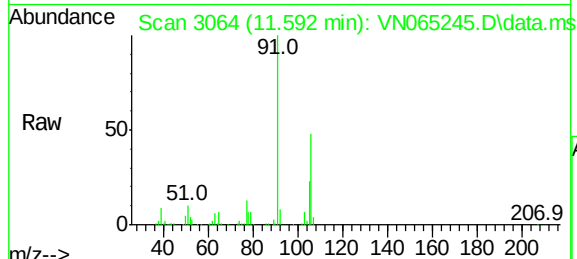
#6048 (-)
m/p-Xylenes
Concen: 8.37 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065245.D
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Tgt Ion:106 Resp: 47992
Ion Ratio Lower Upper
106 100
91 204.3 161.0 241.4

Instrument :
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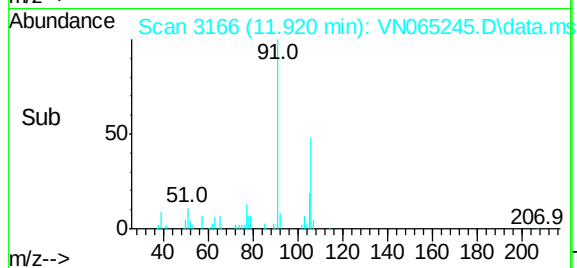
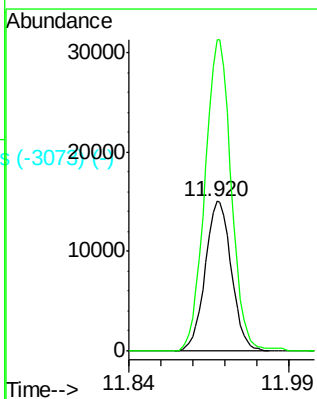
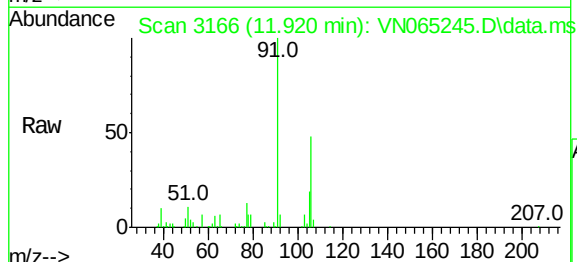
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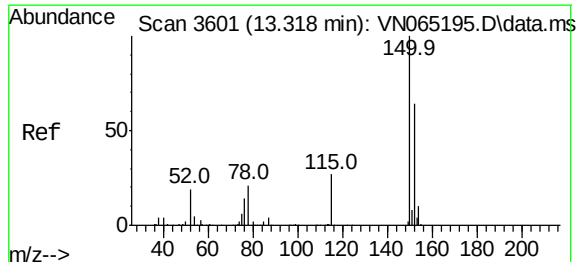
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#6052 (-)
o-Xylene
Concen: 4.52 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065245.D
Acq: 23 Dec 2020 19:22

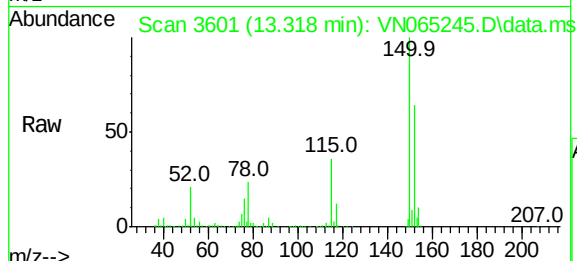
Tgt Ion:106 Resp: 25183
Ion Ratio Lower Upper
106 100
91 210.5 105.5 316.5





#3601 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065245.D
 Acq: 23 Dec 2020 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-26920

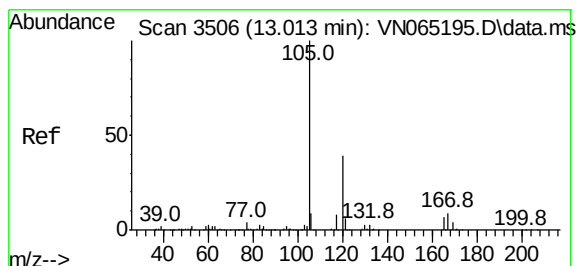
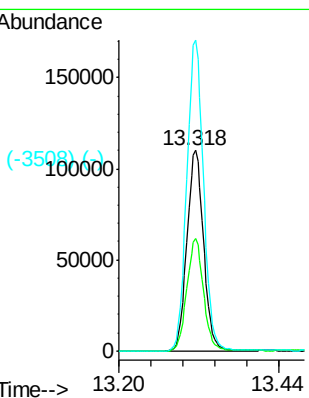
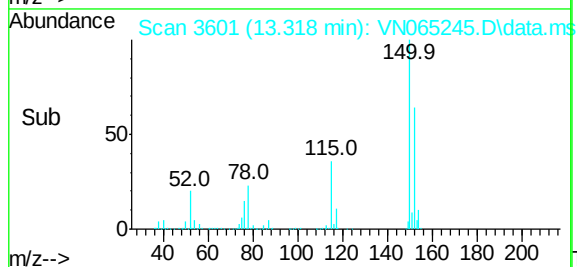


Tgt Ion:152 Resp: 188228

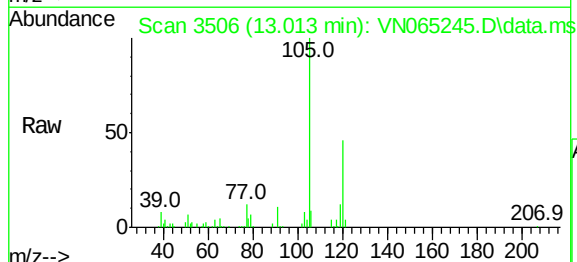
Ion	Ratio	Lower	Upper
152	100		
115	56.2	29.7	89.1
150	156.5	0.0	350.6

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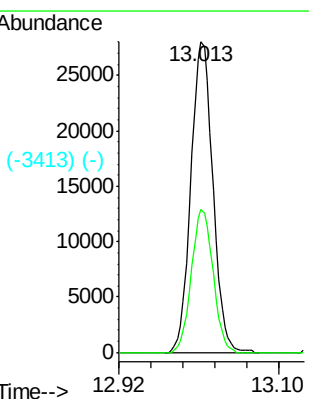
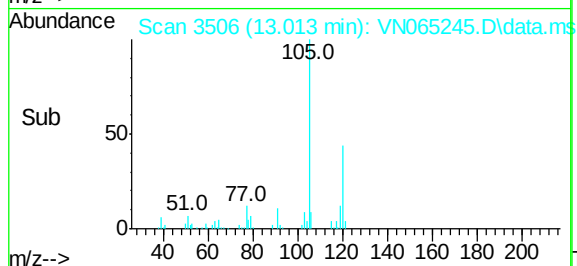


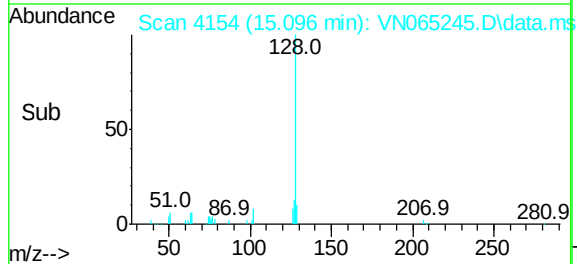
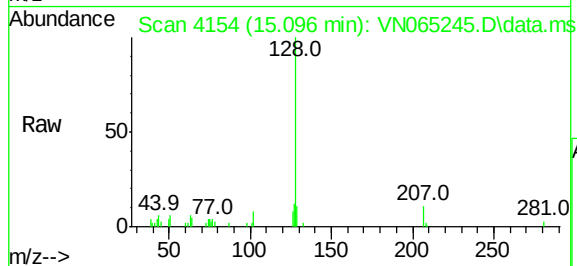
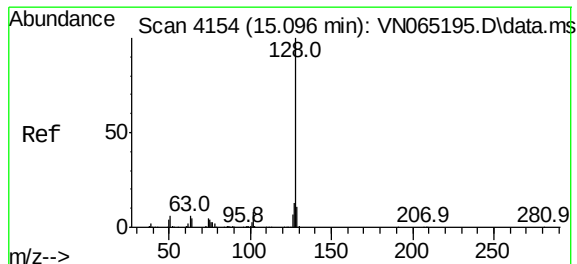
#3506 (-)
 1,2,4-Trimethylbenzene
 Concen: 3.87 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065245.D
 Acq: 23 Dec 2020 19:22



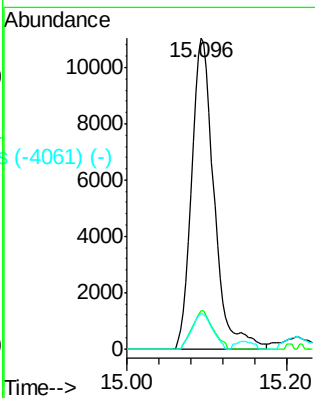
Tgt Ion:105 Resp: 46014

Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.2





Tgt Ion:	128	Resp:	20994
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	10.3	8.7	13.1



Instrument :
MSVOA_N
ClientSampleId :
CHRT-26920

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