

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065307.D
 Acq On : 29 Dec 2020 15:36
 Operator : JC/MD
 Sample : L5223-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Manual Integrations
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 12/30/2020 2:25:06 PM

Quant Time: Dec 30 00:57:01 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	341986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	485871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	444583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	206061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	179191	46.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.82%		
35) Dibromofluoromethane	7.553	113	146379	49.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.88%		
50) Toluene-d8	10.058	98	577587	52.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.14%		
62) 4-Bromofluorobenzene	12.376	95	204270	47.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.64%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.775	59	82261	130.22	ug/l	99
16) Acetone	3.785	43	85633	43.99	ug/l	97
18) Methyl Acetate	4.290	43	26095	7.53	ug/l	93
25) 2-Butanone	6.804	43	51621	23.82	ug/l	97
40) Benzene	8.004	78	281684	21.43	ug/l	95
49) 1,4-Dioxane	9.174	88	8850	149.05	ug/l #	26
52) Toluene	10.126	92	237501	28.67	ug/l	100
67) Ethyl Benzene	11.482	91	82942	5.09	ug/l	99
68) m/p-Xylenes	11.592	106	80438	13.09	ug/l	99
69) o-Xylene	11.920	106	33587	5.63	ug/l	99
70) Styrene	11.936	104	110607	11.12	ug/l	94
73) Isopropylbenzene	12.225	105	5972	0.38	ug/l	94
78) n-propylbenzene	12.566	91	9633	0.54	ug/l	99
80) 1,3,5-Trimethylbenzene	12.708	105	30352	2.27	ug/l	98
84) 1,2,4-Trimethylbenzene	13.016	105	103339	7.93	ug/l	82
85) sec-Butylbenzene	13.148	105	3637m	0.24	ug/l	
86) p-Isopropyltoluene	13.261	119	3368	0.24	ug/l	91
95) Naphthalene	15.096	128	729965	67.12	ug/l	100

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

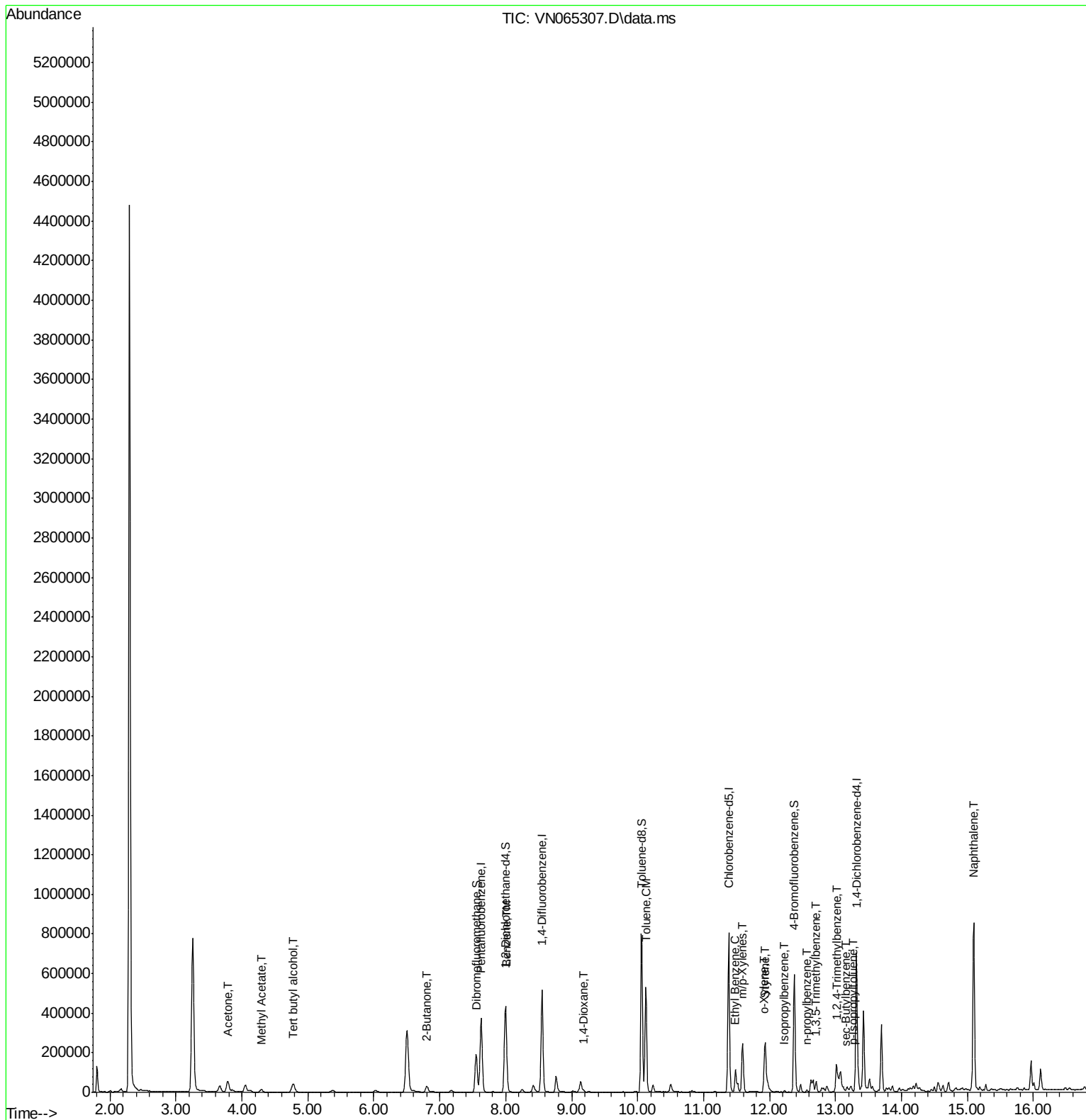
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
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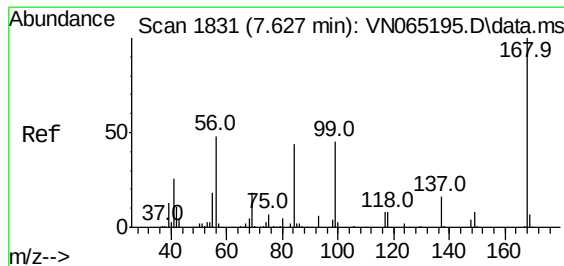
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Dec 30 00:57:01 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration





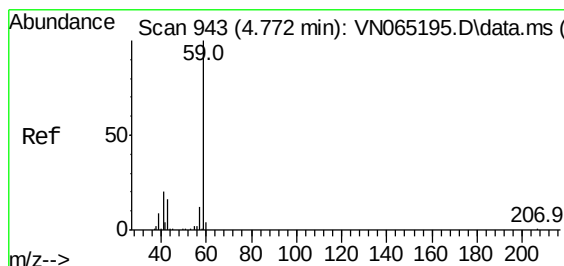
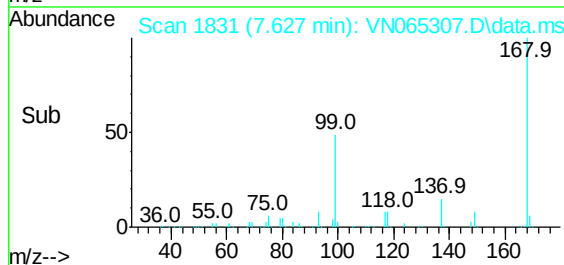
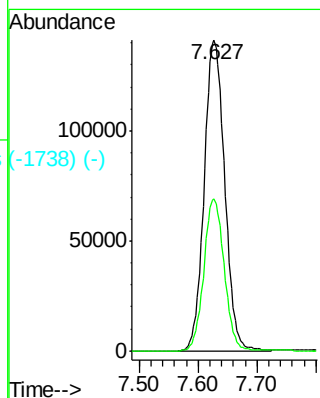
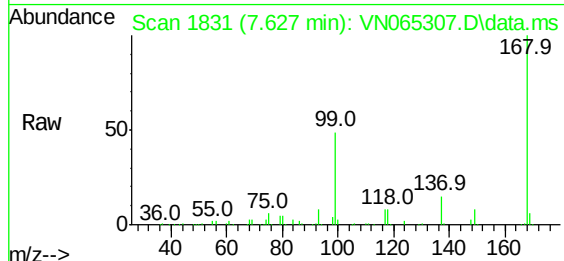
#12 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tgt Ion:168 Resp: 341986
Ion Ratio Lower Upper
168 100
99 48.9 43.0 64.4

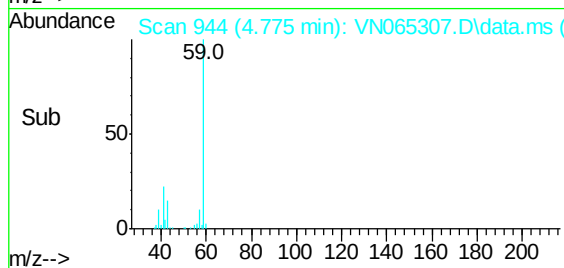
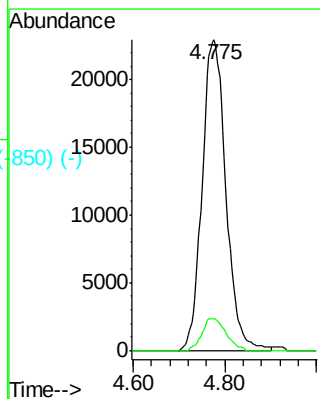
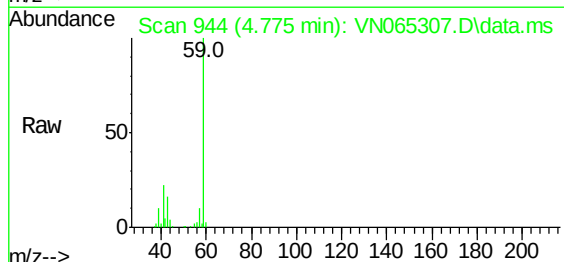
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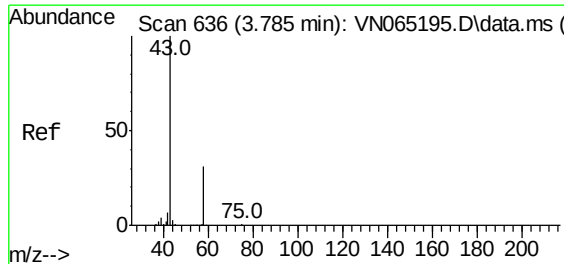
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#11 (-)
Tert butyl alcohol
Concen: 130.22 ug/l
RT: 4.775 min Scan# 944
Delta R.T. 0.003 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Tgt Ion: 59 Resp: 82261
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9





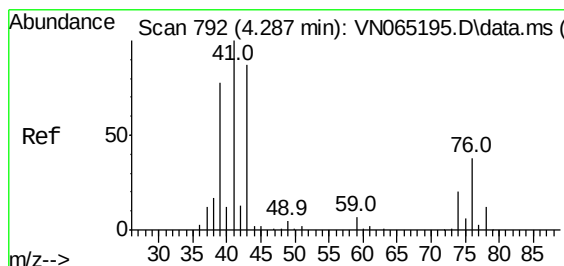
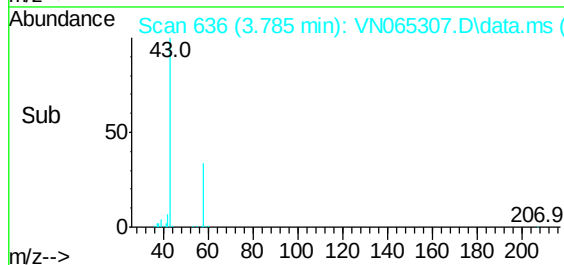
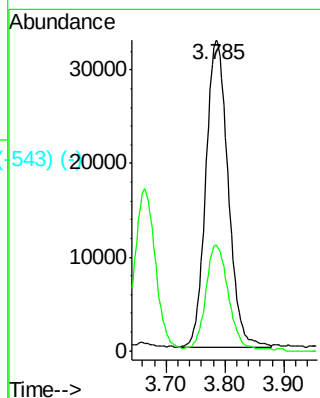
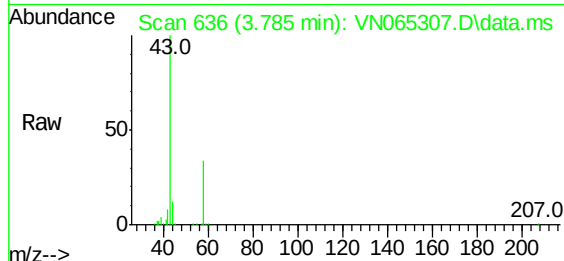
Acetone
Concen: 43.99 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Tgt Ion: 43 Resp: 85633
Ion Ratio Lower Upper
43 100
58 33.8 25.7 38.5

Instrument :
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ClientSampleId :
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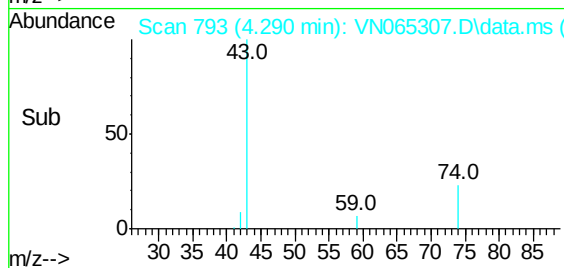
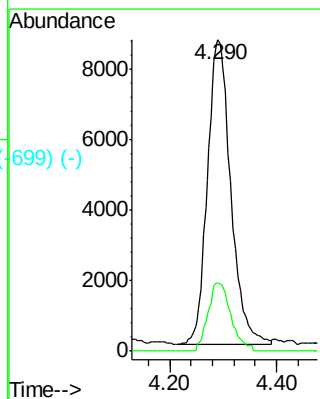
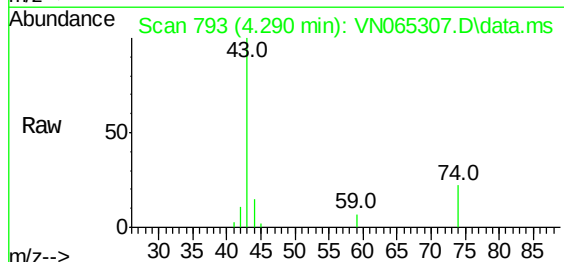
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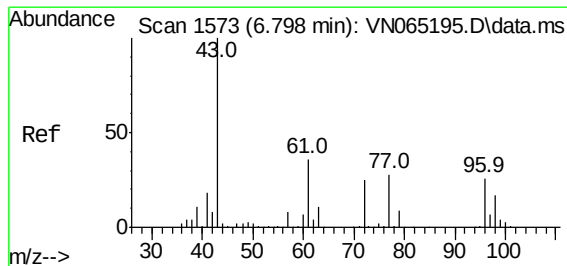
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Methyl Acetate
Concen: 7.53 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.003 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

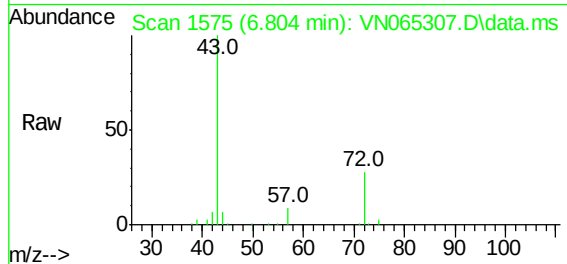
Tgt Ion: 43 Resp: 26095
Ion Ratio Lower Upper
43 100
74 21.6 20.2 30.2





#157 (-)
2-Butanone
Concen: 23.82 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

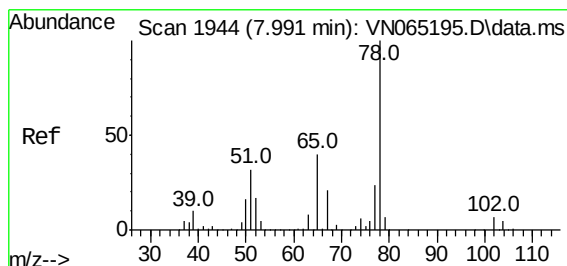
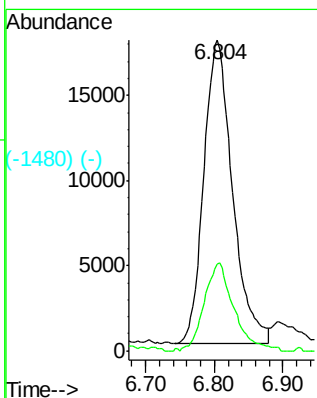
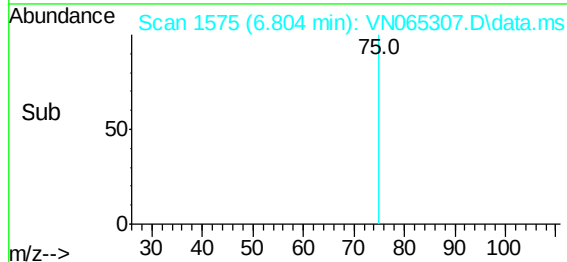
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP



Tgt Ion: 43 Resp: 51621
Ion Ratio Lower Upper
43 100
72 27.9 21.0 31.6

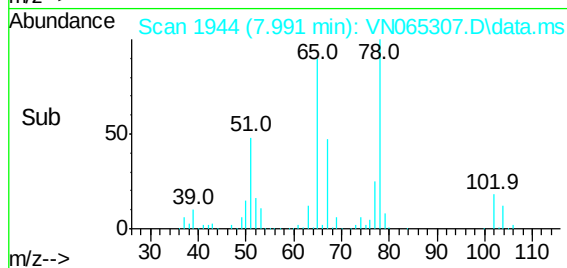
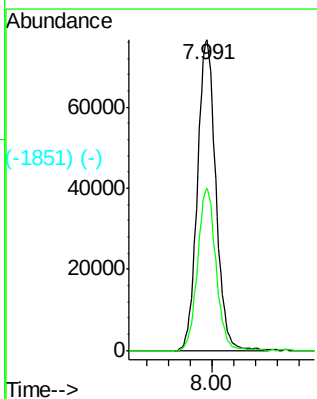
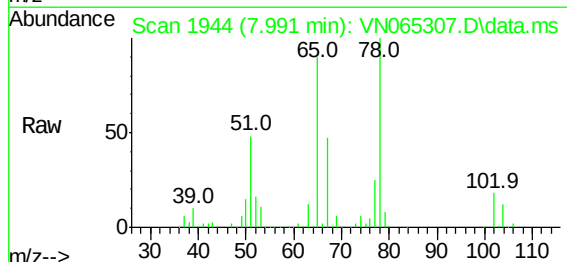
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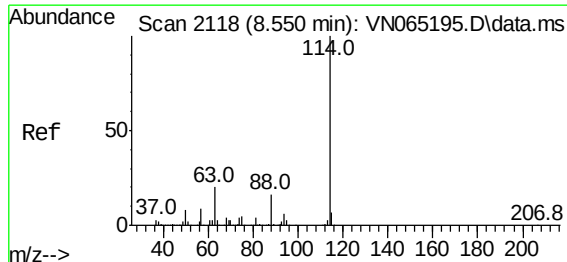
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#192 (-)
1,2-Dichloroethane-d4
Concen: 46.41 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

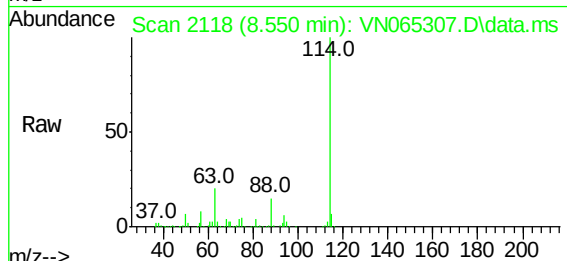
Tgt Ion: 65 Resp: 179191
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.2





#201 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

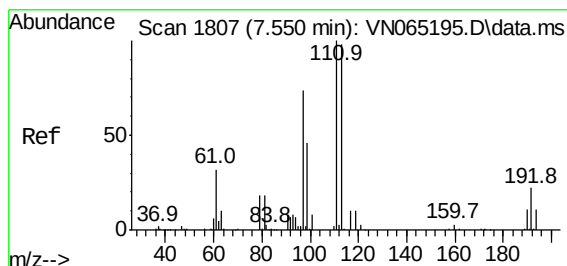
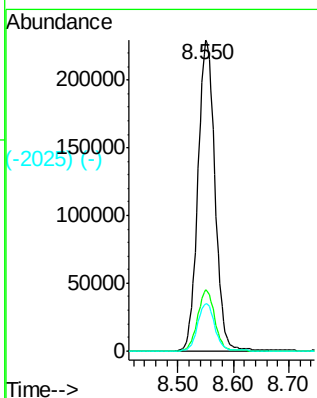
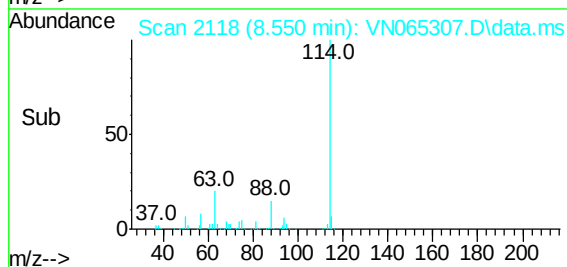
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP



Tgt Ion:114 Resp: 485871
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 15.3 0.0 32.6

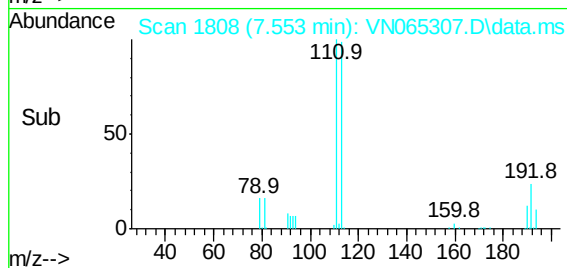
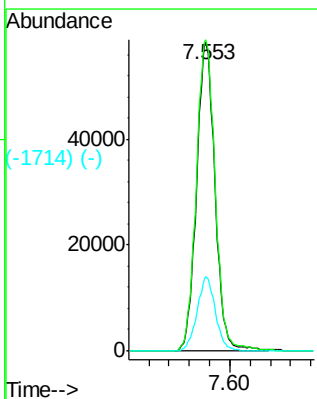
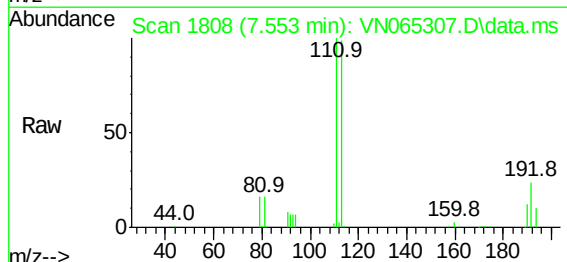
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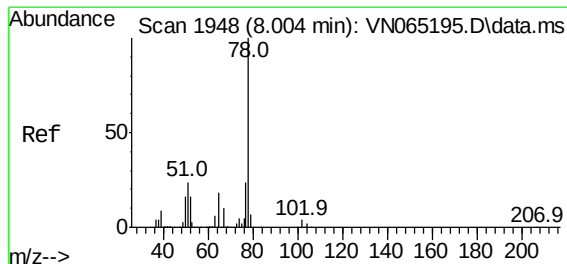
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#202 (-)
Dibromofluoromethane
Concen: 49.94 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

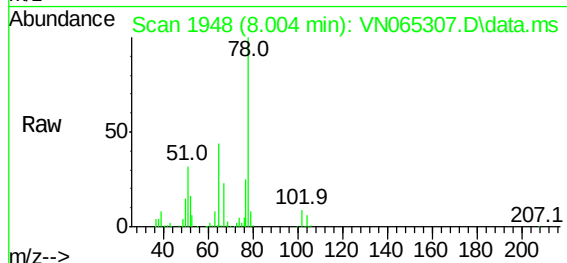
Tgt Ion:113 Resp: 146379
Ion Ratio Lower Upper
113 100
111 103.5 81.6 122.4
192 23.5 16.2 24.2





#498 (-)
Benzene
Concen: 21.43 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

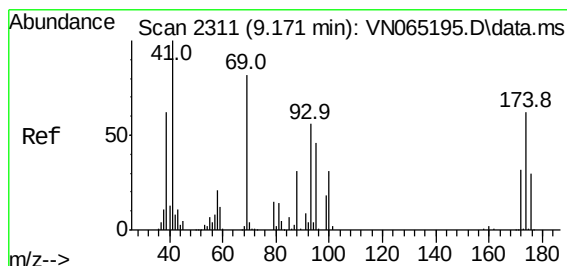
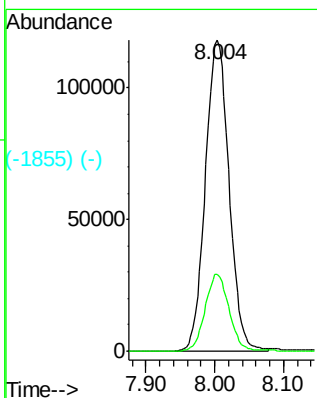
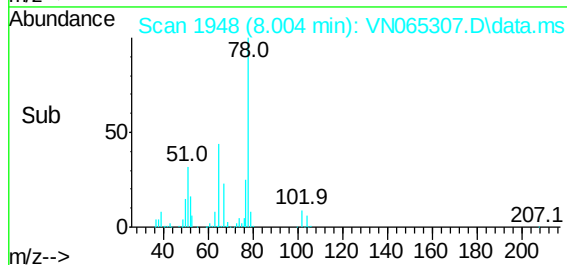
Instrument :
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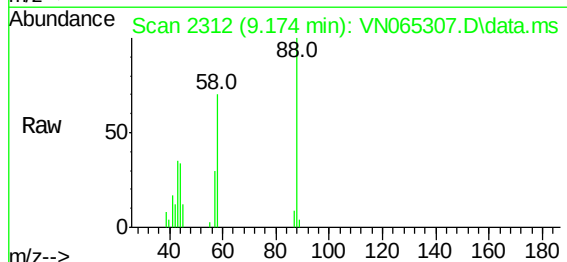
Tgt Ion: 78 Resp: 281684
Ion Ratio Lower Upper
78 100
77 24.7 17.9 26.9

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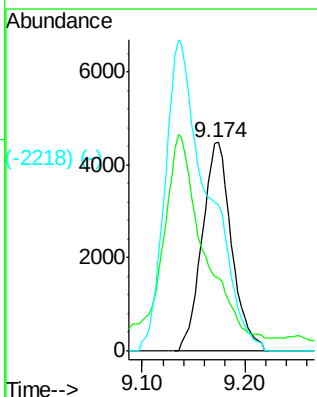
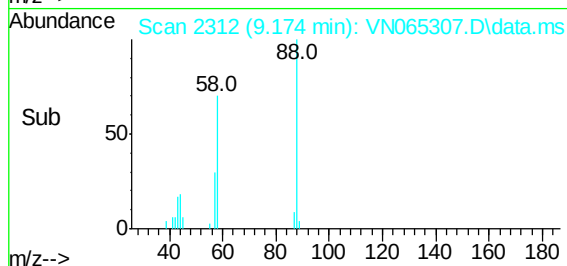
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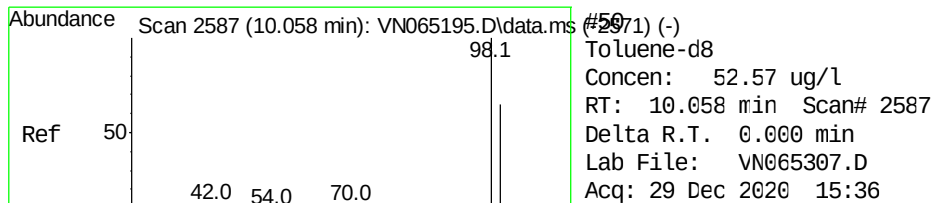


#499 (-)
1,4-Dioxane
Concen: 149.05 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. 0.003 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36



Tgt Ion: 88 Resp: 8850
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 0.0 52.5 78.7#

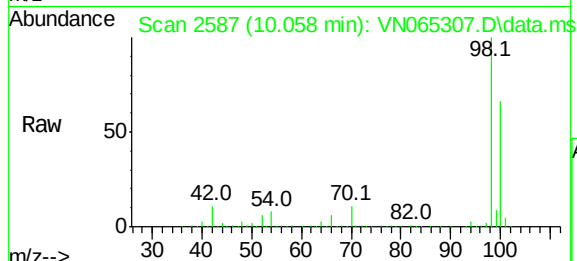




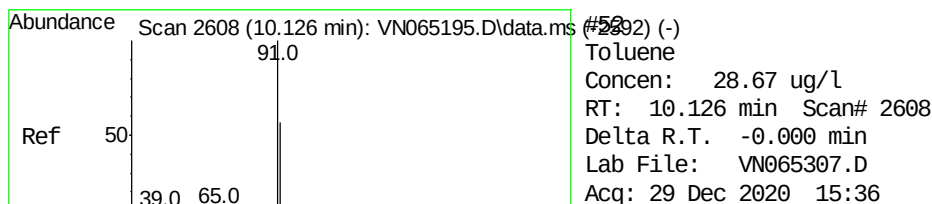
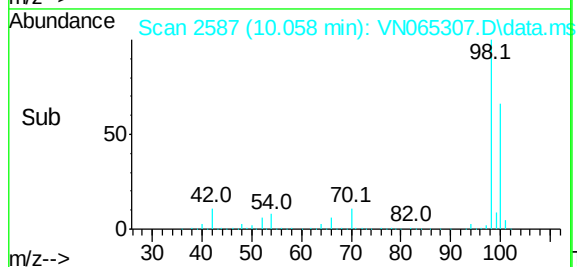
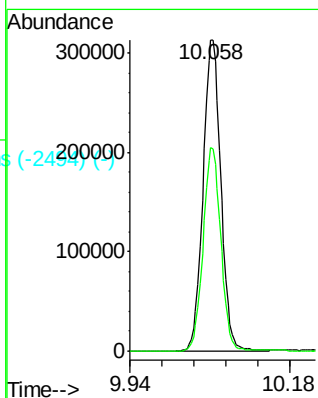
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

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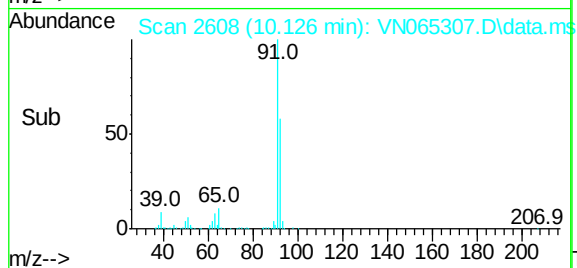
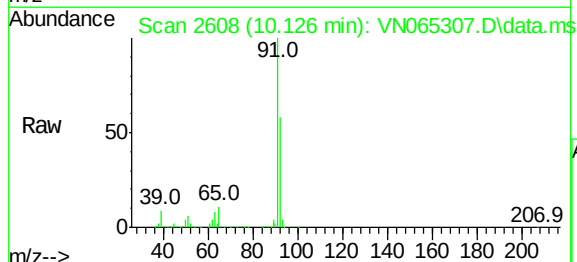
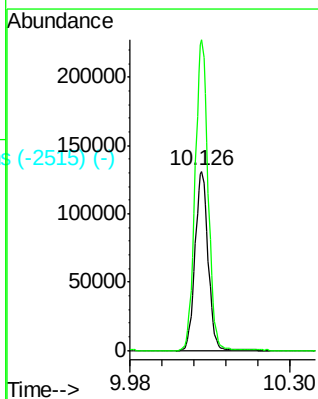
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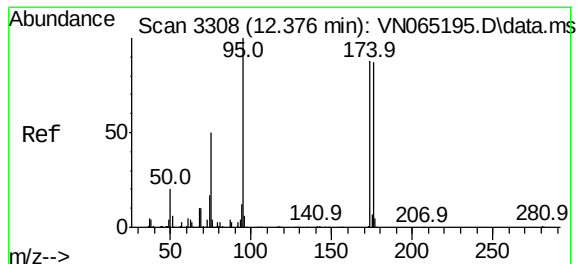


Tgt Ion: 98 Resp: 577587
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



Tgt Ion: 92 Resp: 237501
Ion Ratio Lower Upper
92 100
91 173.6 139.1 208.7





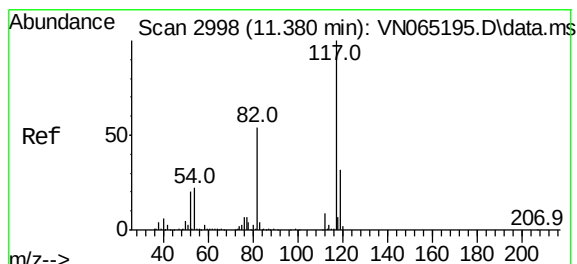
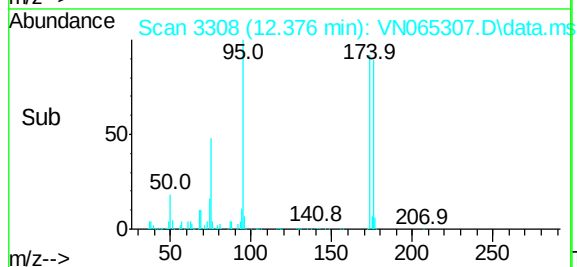
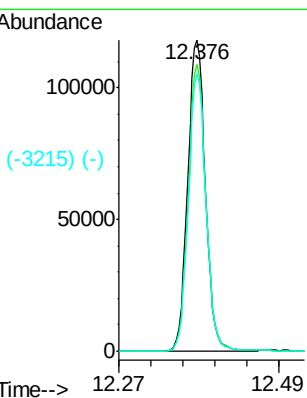
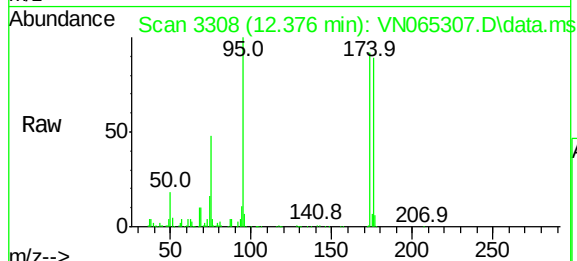
#6294 (-)
4-Bromofluorobenzene
Concen: 47.32 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Tgt Ion:	95	Resp:	204270
Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	160.4
176	88.5	0.0	158.4

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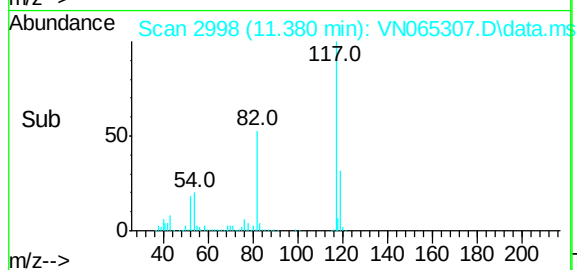
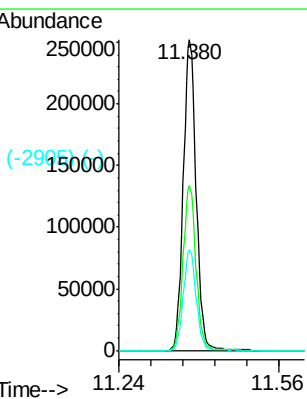
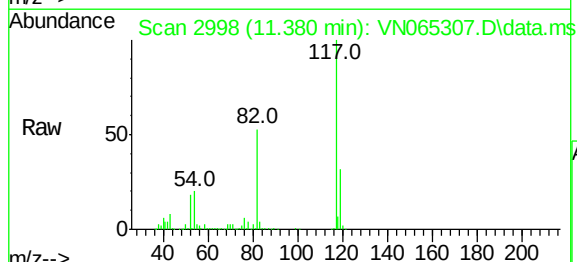
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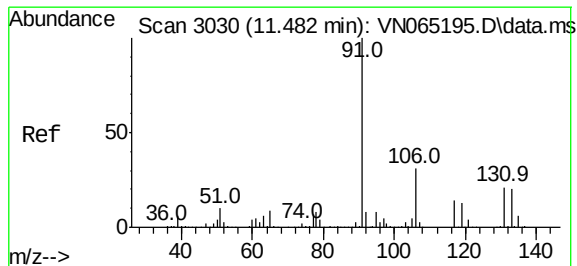
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#6293 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Tgt Ion:	117	Resp:	444583
Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.2	66.2
119	32.5	25.8	38.6





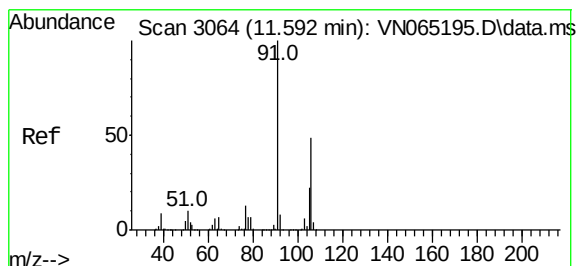
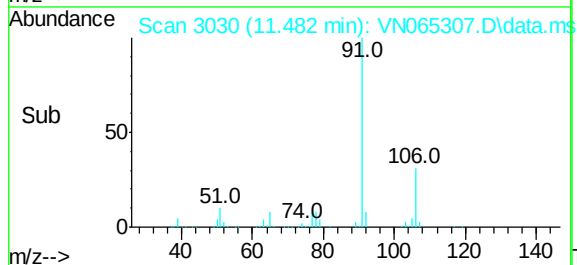
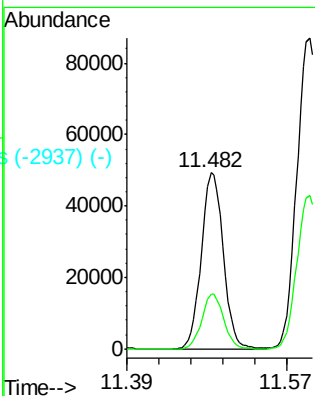
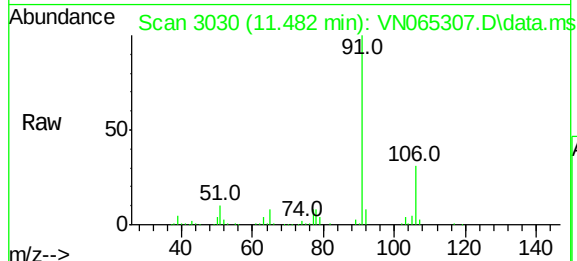
#6715 (-)
Ethyl Benzene
Concen: 5.09 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Tgt Ion: 91 Resp: 82942
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8

Instrument :
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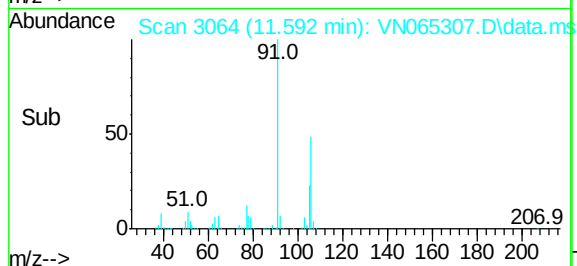
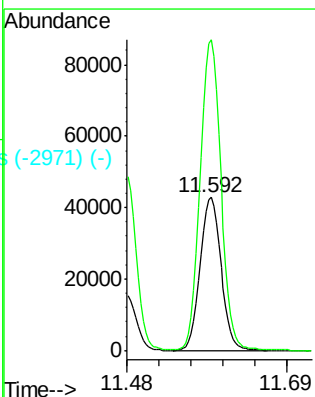
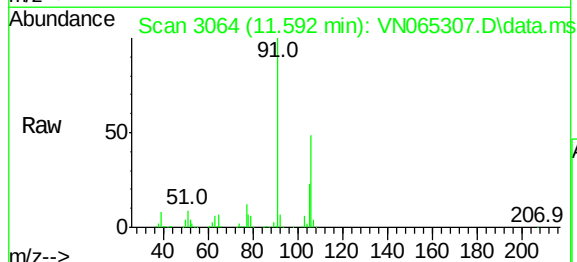
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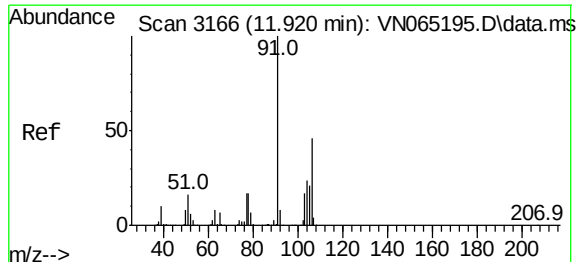
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#6048 (-)
m/p-Xylenes
Concen: 13.09 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Tgt Ion:106 Resp: 80438
Ion Ratio Lower Upper
106 100
91 202.6 161.0 241.4



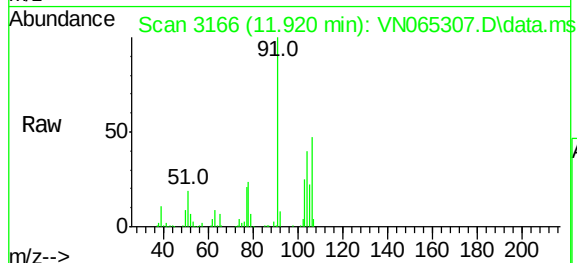


#692 (-)
o-Xylene
Concen: 5.63 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

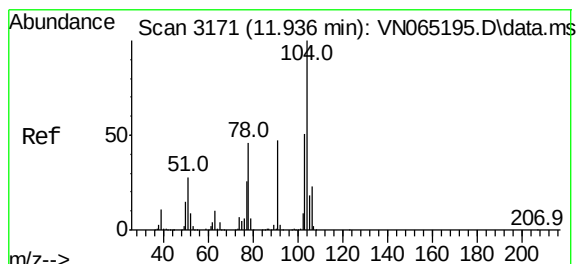
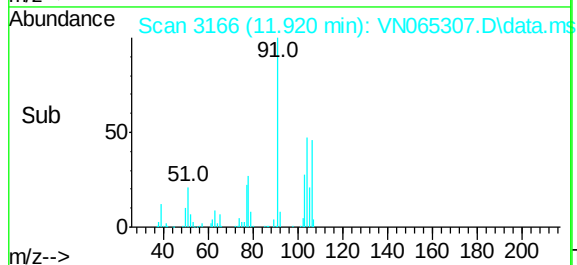
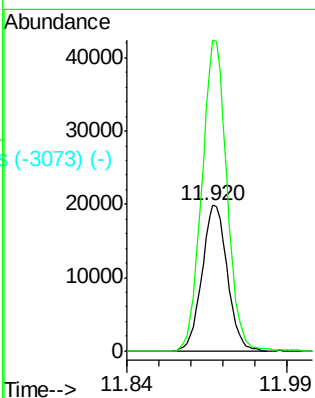
Instrument :
MSVOA_N
ClientSampleId :
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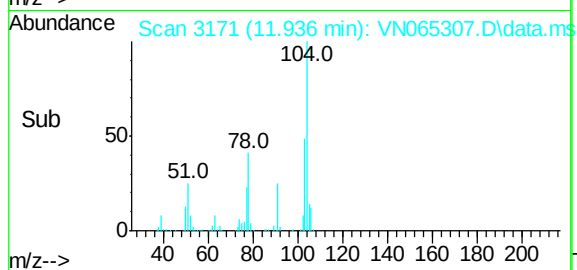
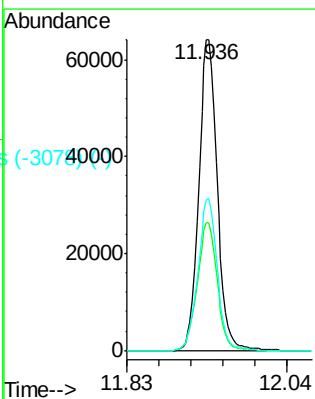
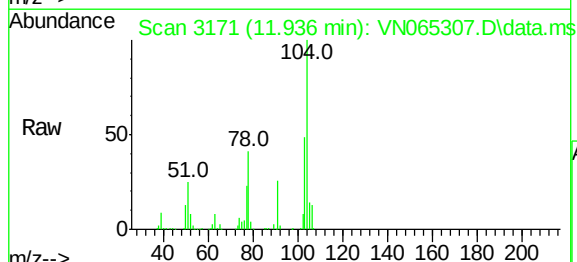


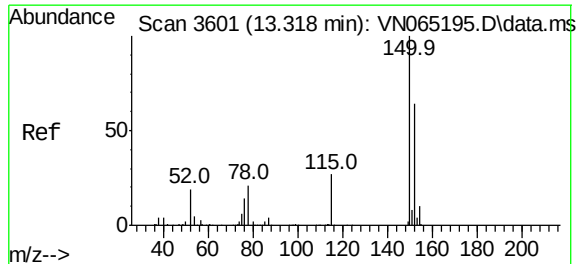
Tgt Ion:106 Resp: 33587
Ion Ratio Lower Upper
106 100
91 212.1 105.5 316.5



#715 (-)
Styrene
Concen: 11.12 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

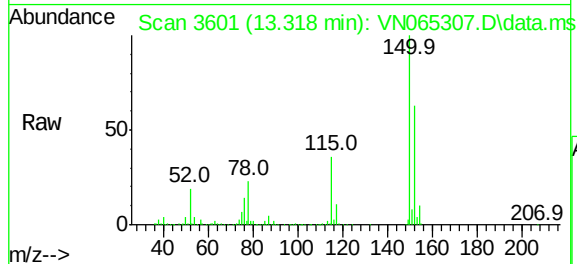
Tgt Ion:104 Resp: 110607
Ion Ratio Lower Upper
104 100
78 44.6 39.0 58.6
103 51.2 44.3 66.5





#337 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065307.D
 Acq: 29 Dec 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
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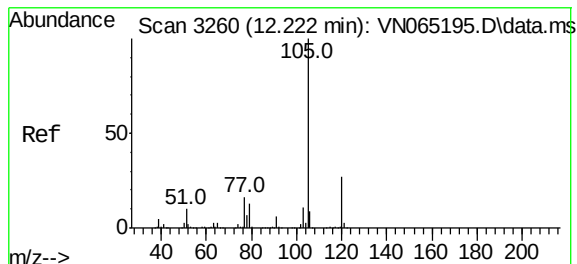
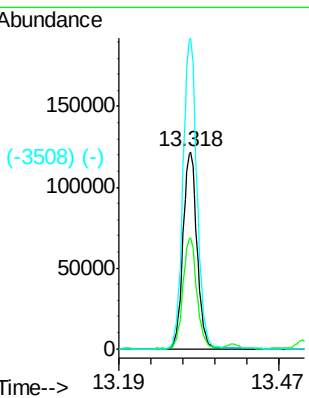
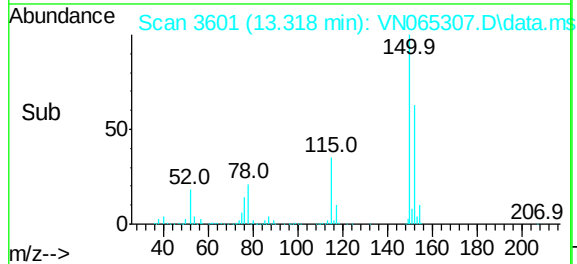


Tgt Ion:152 Resp: 206061

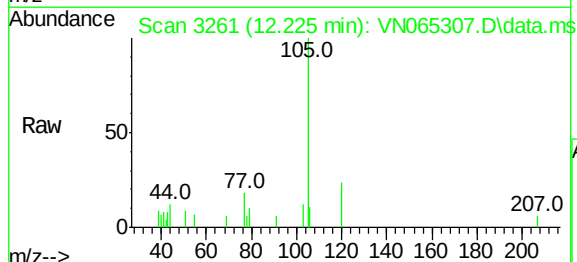
Ion	Ratio	Lower	Upper
152	100		
115	55.7	29.7	89.1
150	158.5	0.0	350.6

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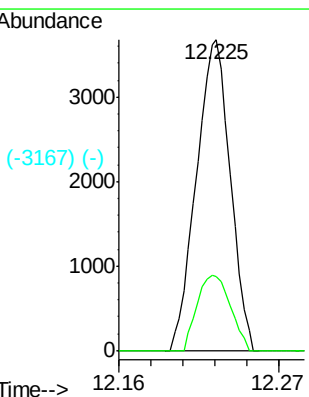
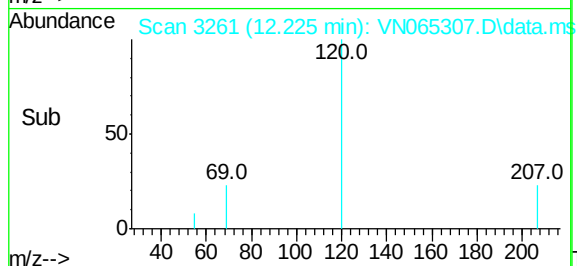


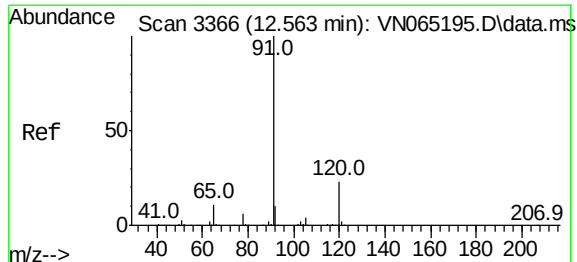
#3245 (-)
 Isopropylbenzene
 Concen: 0.38 ug/l
 RT: 12.225 min Scan# 3261
 Delta R.T. 0.003 min
 Lab File: VN065307.D
 Acq: 29 Dec 2020 15:36



Tgt Ion:105 Resp: 5972

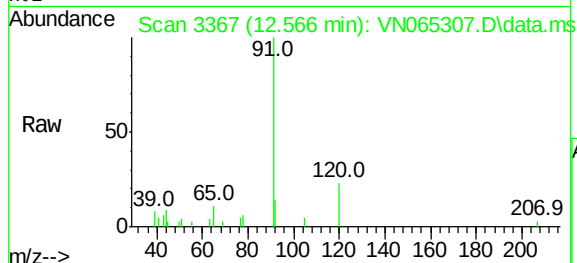
Ion	Ratio	Lower	Upper
105	100		
120	23.7	13.3	39.9





#3365 (-)
n-propylbenzene
Concen: 0.54 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

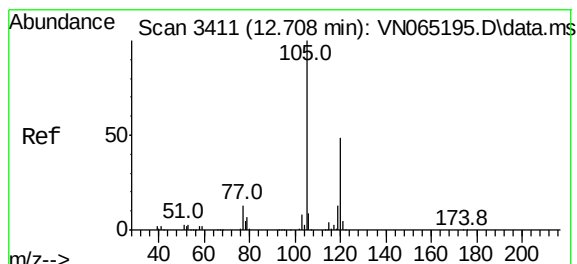
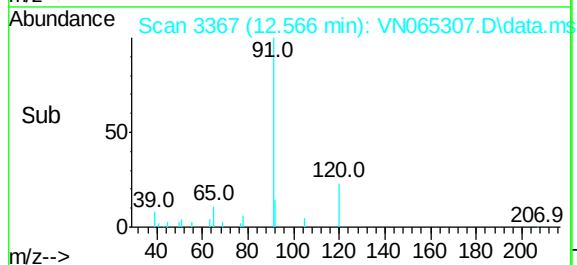
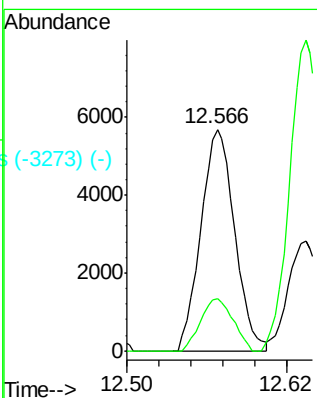
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 91 Resp: 9633
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

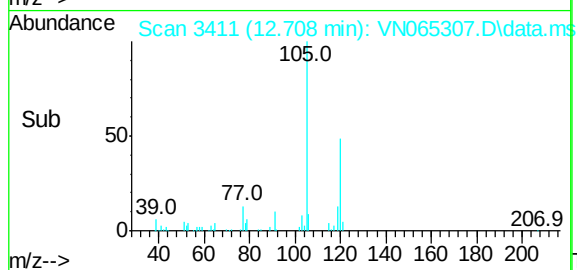
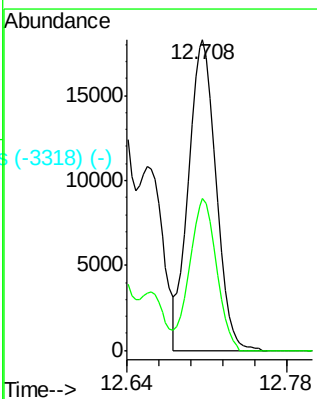
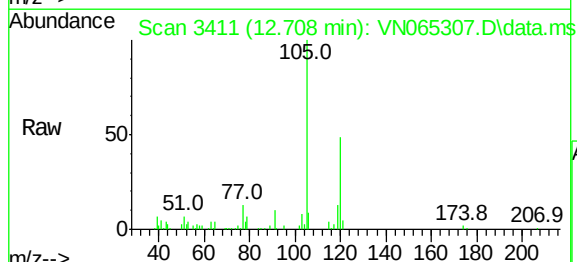
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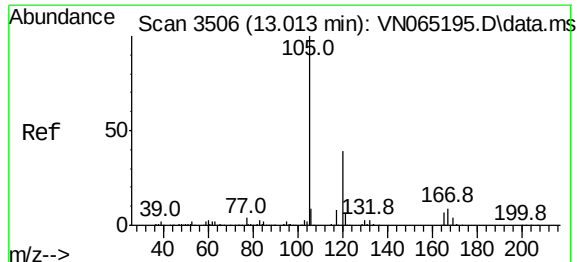
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#3394 (-)
1,3,5-Trimethylbenzene
Concen: 2.27 ug/l
RT: 12.708 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Tgt Ion:105 Resp: 30352
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6



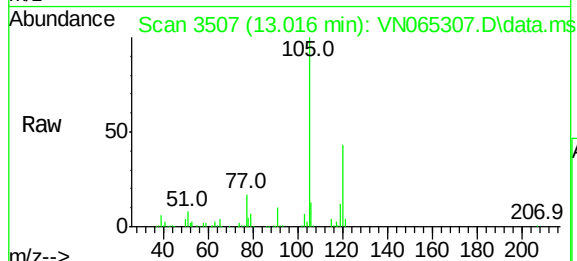


#8494 (-)
1,2,4-Trimethylbenzene
Concen: 7.93 ug/l
RT: 13.016 min Scan# 3507
Delta R.T. 0.003 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

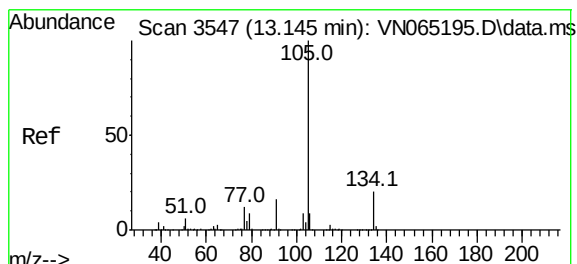
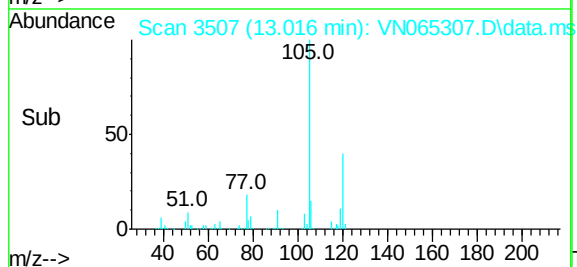
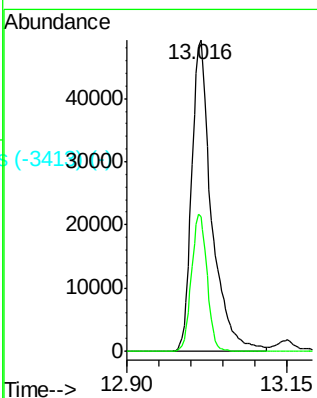
Instrument :
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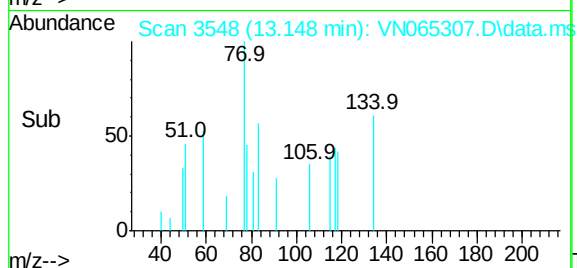
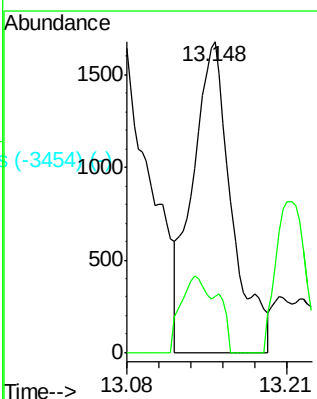
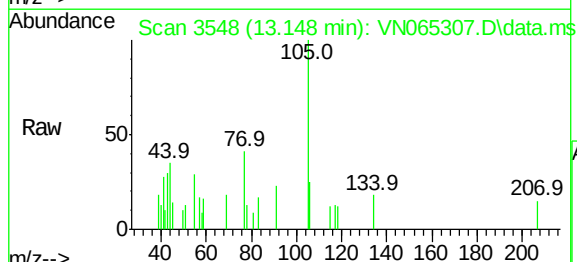


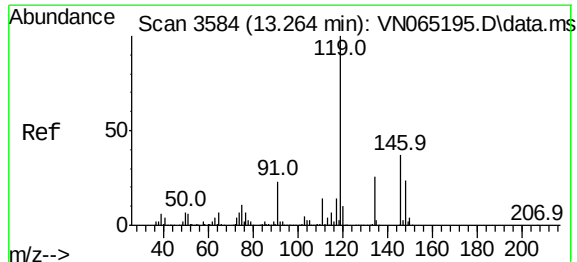
Tgt Ion:105 Resp: 103339
Ion Ratio Lower Upper
105 100
120 33.9 23.1 69.2



#8532 (-)
sec-Butylbenzene
Concen: 0.24 ug/l m
RT: 13.148 min Scan# 3548
Delta R.T. 0.003 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Tgt Ion:105 Resp: 3637
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#



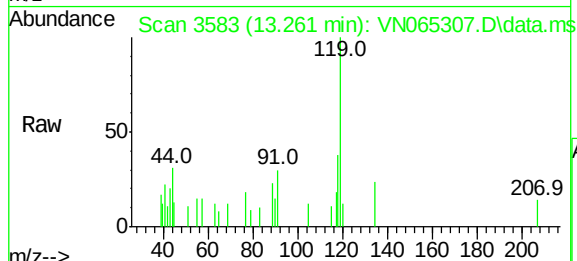


#3584 (-)
p-Isopropyltoluene
Concen: 0.24 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. -0.003 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

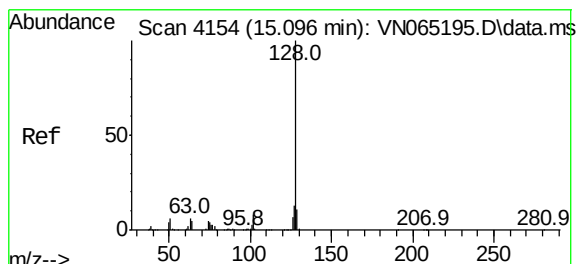
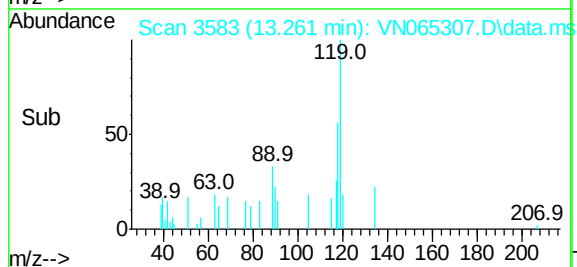
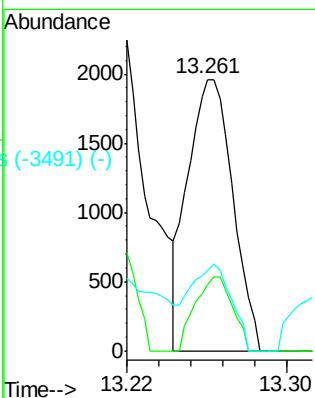
Instrument :
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Tgt Ion	Ratio	Lower	Upper
119	100		
134	22.6	13.1	39.1
91	28.8	11.5	34.5



#4154 (-)
Naphthalene
Concen: 67.12 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. 0.000 min
Lab File: VN065307.D
Acq: 29 Dec 2020 15:36

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

