

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065742.D
 Acq On : 5 Feb 2021 16:56
 Operator : JC/MD
 Sample : M1318-08 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31394-5-31403-31387

Quant Time: Feb 05 22:49:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

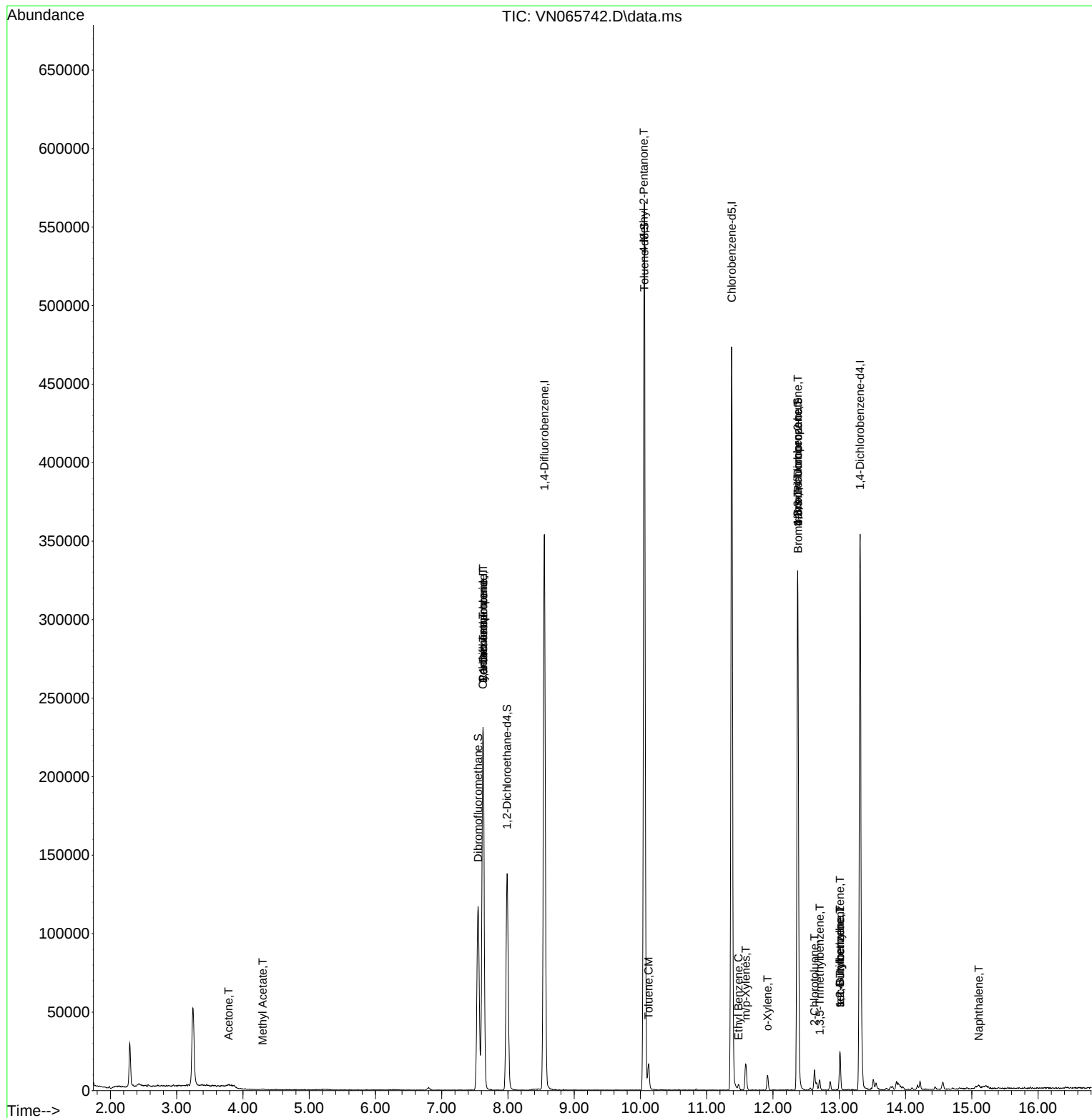
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.624	168	196916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	333698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	294365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	104573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	115039	44.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.82%
35) Dibromofluoromethane	7.550	113	95944	48.52	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.04%
50) Toluene-d8	10.058	98	414552	53.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.66%
62) 4-Bromofluorobenzene	12.373	95	133153	47.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.14%
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	1424	1.41	ug/l	88
18) Methyl Acetate	4.299	43	795	0.28	ug/l #	51
31) Cyclohexane	7.621	56	3688	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15310	4.56	ug/l #	44
38) Carbon Tetrachloride	7.624	117	18478	6.68	ug/l #	17
51) 4-Methyl-2-Pentanone	10.051	43	1796	0.57	ug/l #	1
52) Toluene	10.122	92	6817	1.12	ug/l	98
67) Ethyl Benzene	11.479	91	3076	0.27	ug/l	93
68) m/p-Xylenes	11.592	106	6053	1.45	ug/l	99
69) o-Xylene	11.920	106	2955	0.73	ug/l	92
71) Bromoform	12.376	173	730	0.49	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	60303	22.05	ug/l #	100
79) 2-Chlorotoluene	12.627	91	1425	0.22	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.704	105	4300	0.55	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.373	75	60303	56.48	ug/l #	12
83) tert-Butylbenzene	13.010	119	1843	0.28	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.010	105	14992	1.93	ug/l	100
85) sec-Butylbenzene	13.010	105	14992	1.71	ug/l #	56
95) Naphthalene	15.106	128	2749	3.83	ug/l #	77

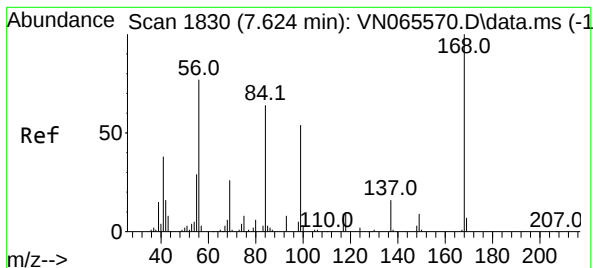
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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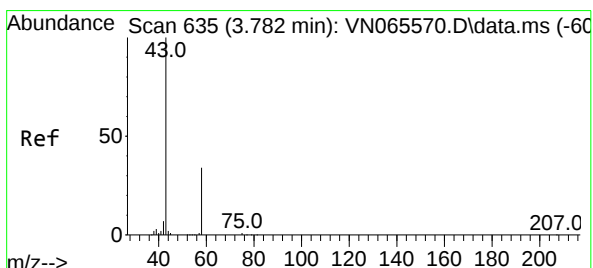
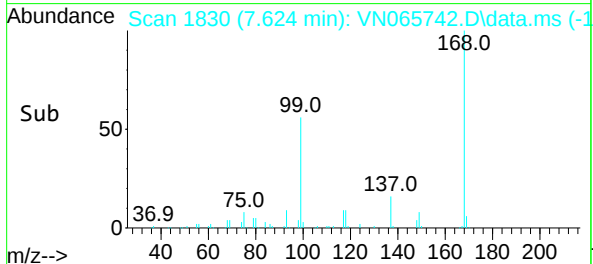
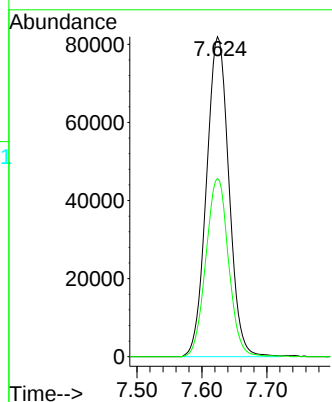
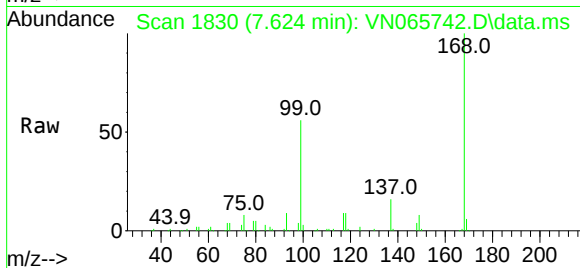




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

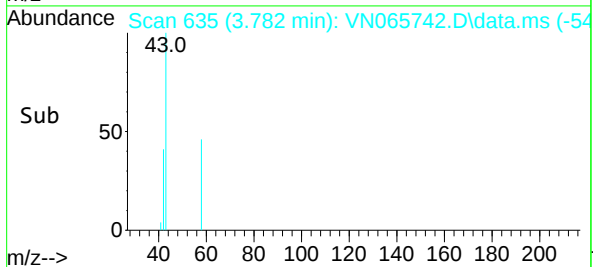
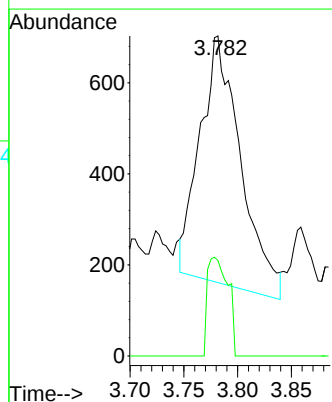
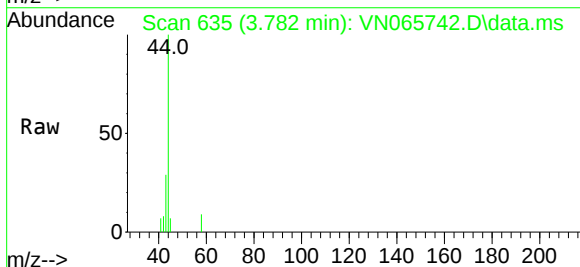
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387

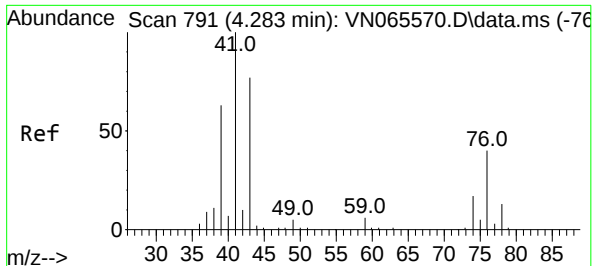
Tgt Ion:168 Resp: 196916
Ion Ratio Lower Upper
168 100
99 55.7 42.6 63.8



#16
Acetone
Concen: 1.41 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

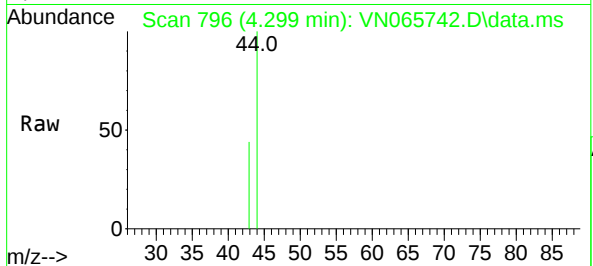
Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 40.5 27.0 40.6



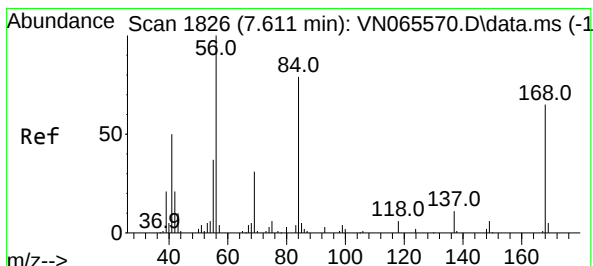
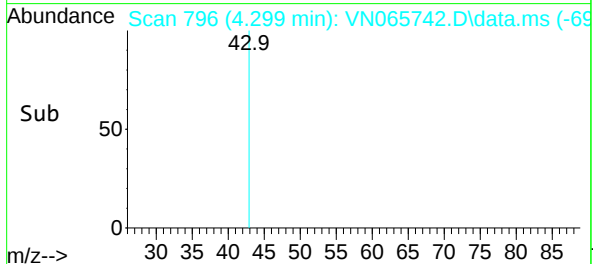
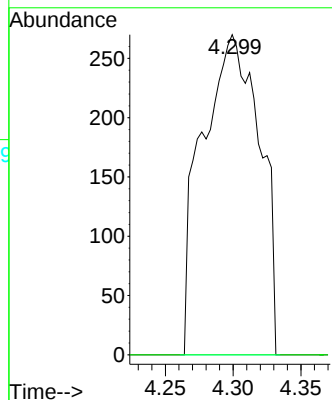


#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 4.299 min Scan# 796
Delta R.T. 0.016 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

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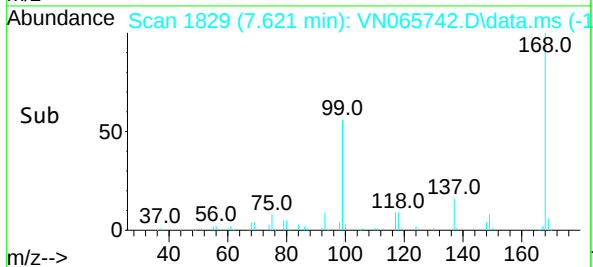
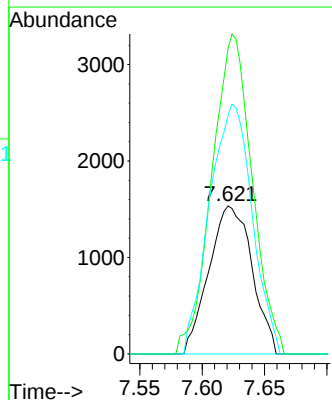
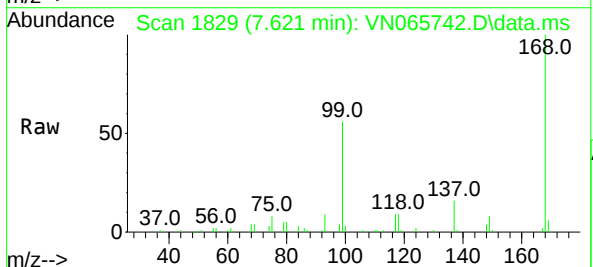


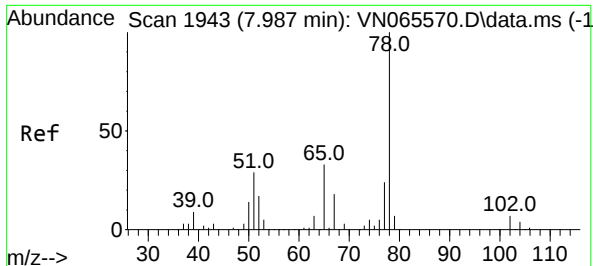
Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 0.76 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

Tgt Ion: 56 Resp: 3688
Ion Ratio Lower Upper
56 100
69 194.5 26.6 39.8#
84 161.1 70.4 105.6#

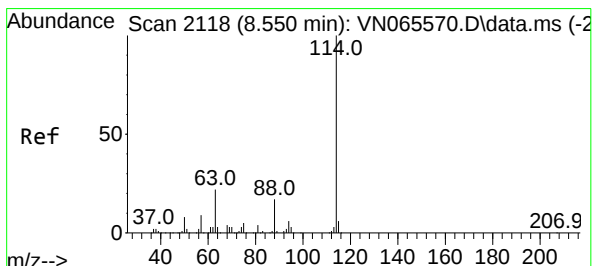
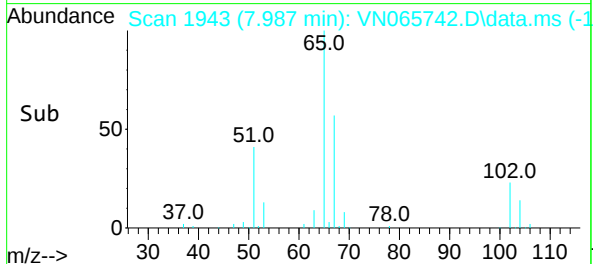
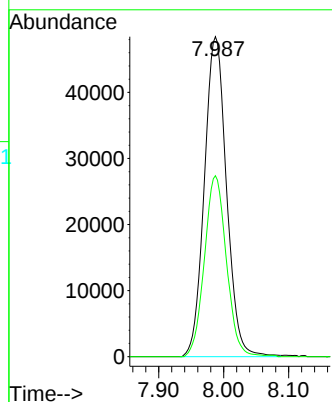
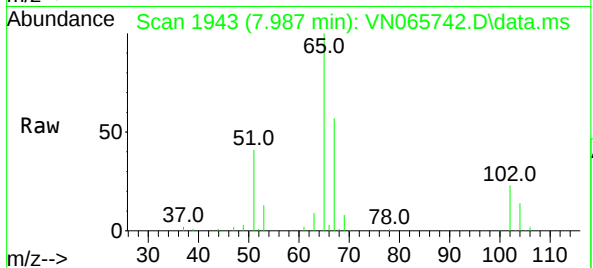




#33
1,2-Dichloroethane-d4
Concen: 44.41 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

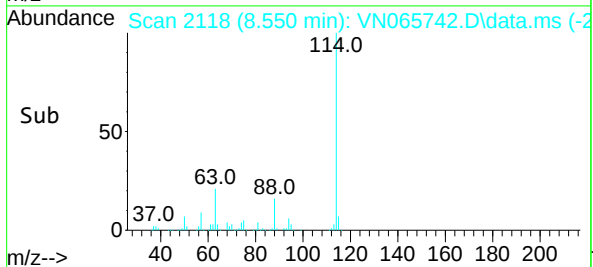
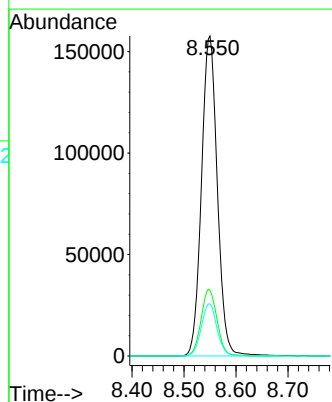
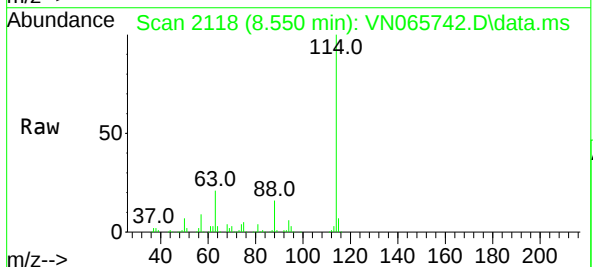
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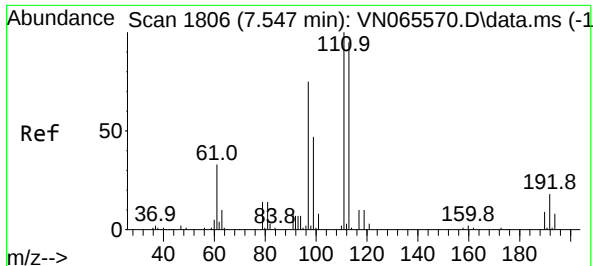
Tgt Ion: 65 Resp: 115039
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

Tgt Ion: 114 Resp: 333698
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 16.3 0.0 30.6

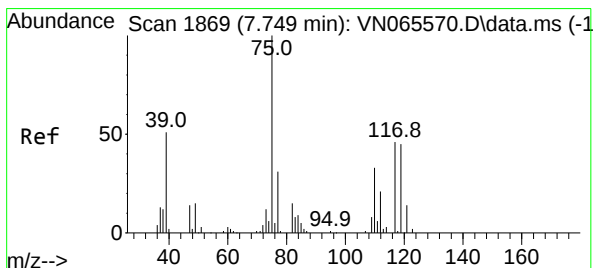
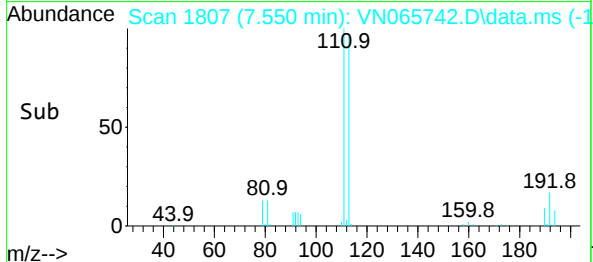
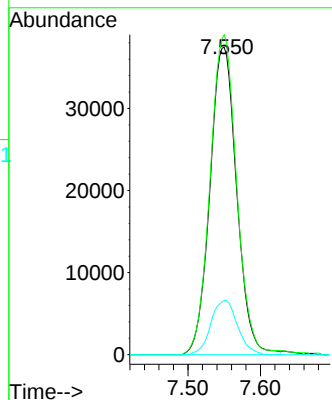
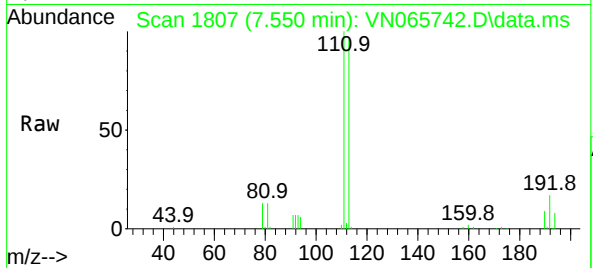




#35
Dibromofluoromethane
Concen: 48.52 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

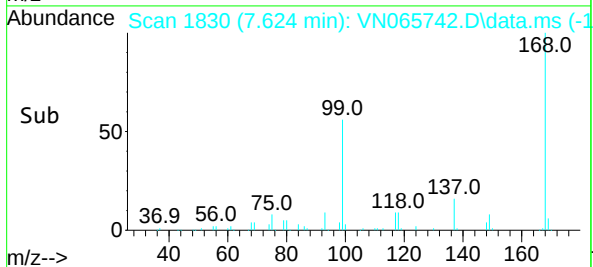
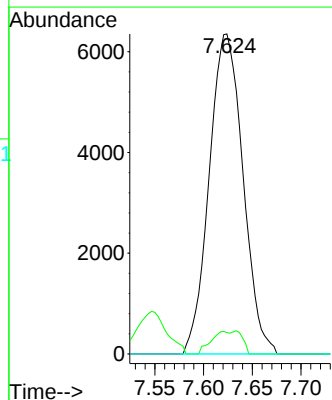
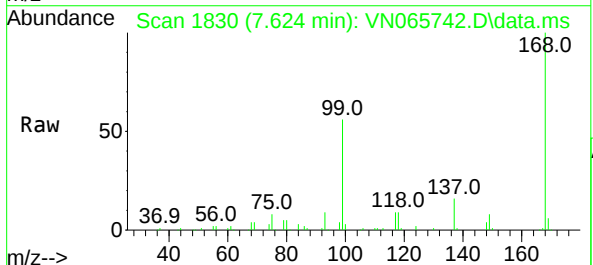
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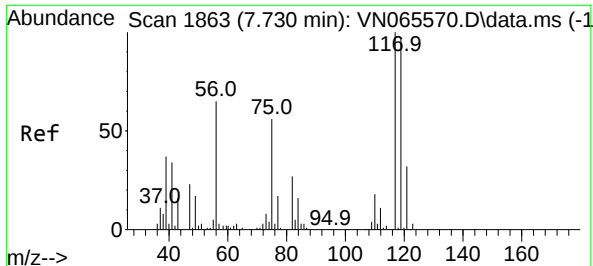
Tgt Ion:	113	Resp:	95944
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.2
192	17.5	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

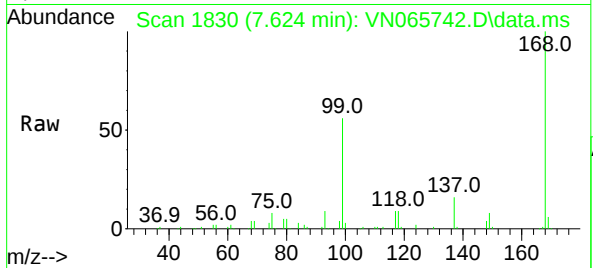
Tgt Ion:	75	Resp:	15310
Ion	Ratio	Lower	Upper
75	100		
110	4.0	18.2	54.6#
77	0.0	24.9	37.3#



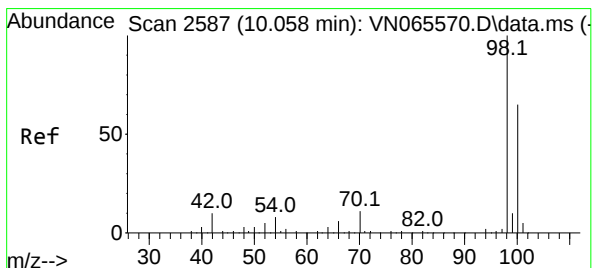
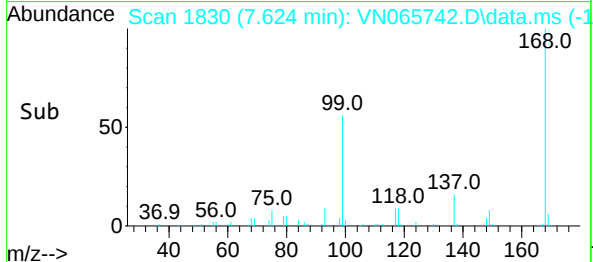
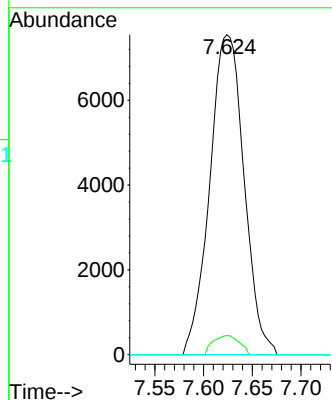


#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387

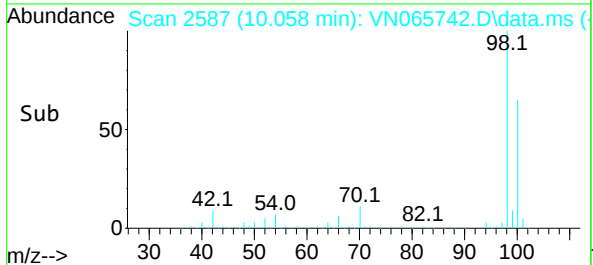
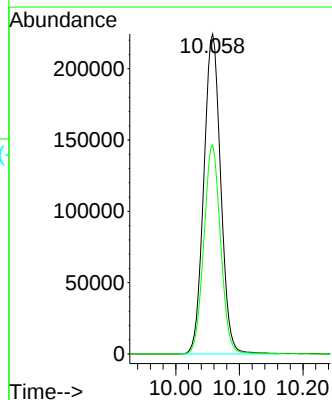
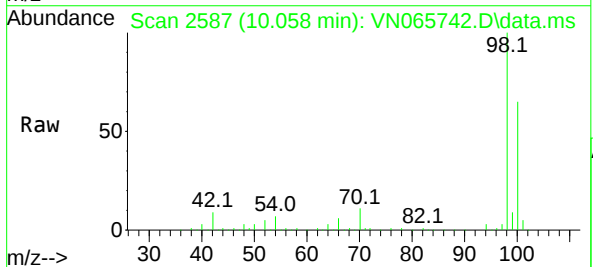


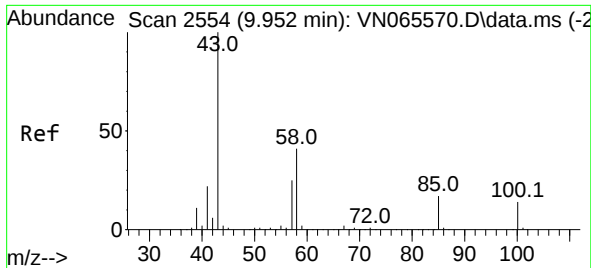
Tgt Ion:117 Resp: 18478
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.33 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

Tgt Ion: 98 Resp: 414552
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

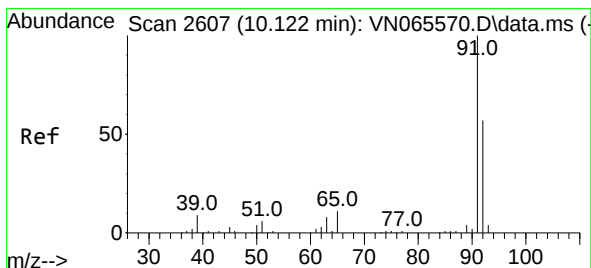
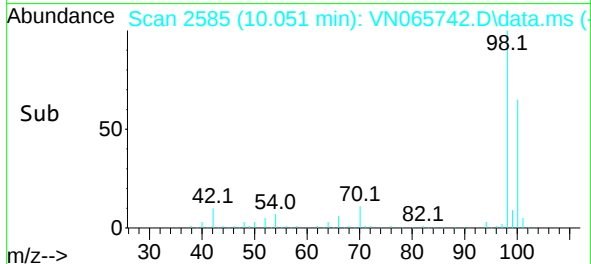
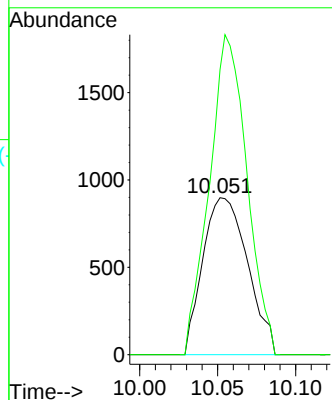
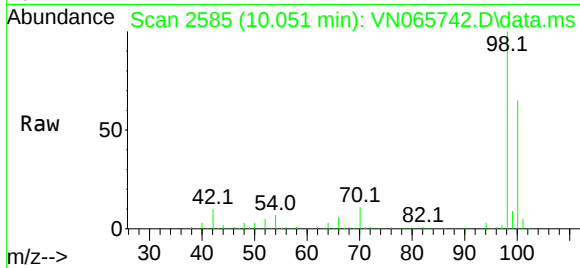




#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 10.051 min Scan# 2585
Delta R.T. 0.099 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

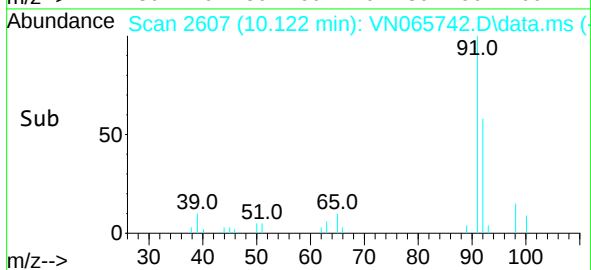
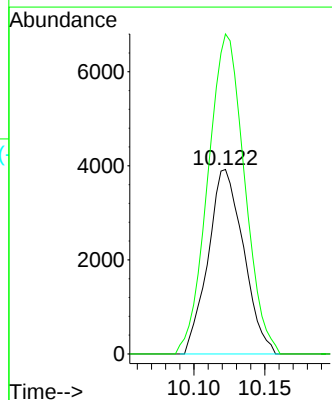
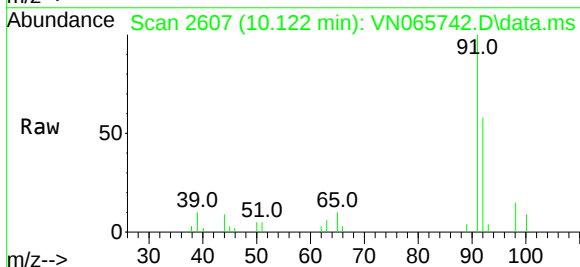
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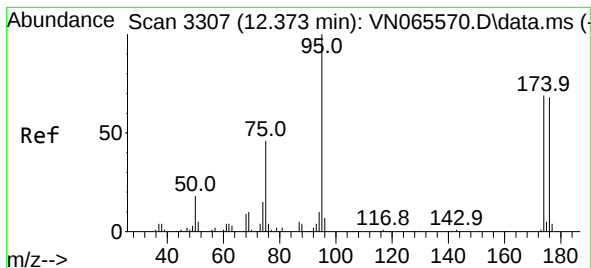
Tgt Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
58 171.4 32.5 48.7#



#52
Toluene
Concen: 1.12 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

Tgt Ion: 92 Resp: 6817
Ion Ratio Lower Upper
92 100
91 179.3 140.7 211.1

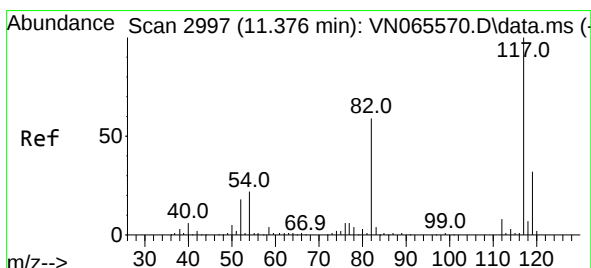
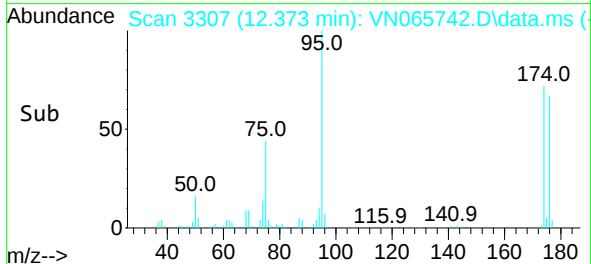
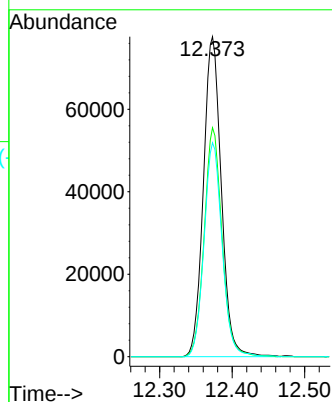
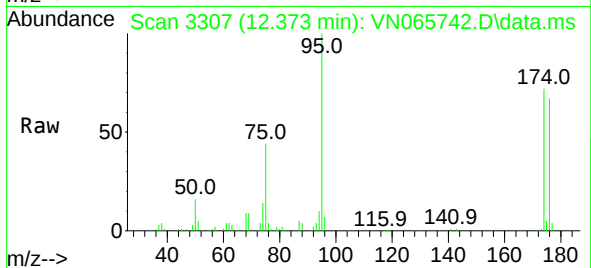




#62
4-Bromofluorobenzene
Concen: 47.57 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

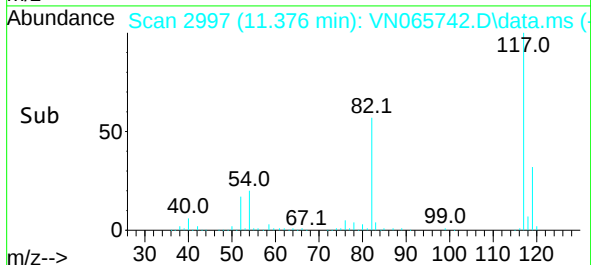
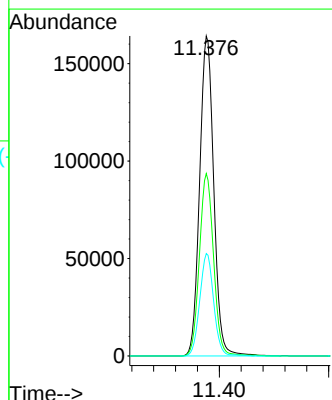
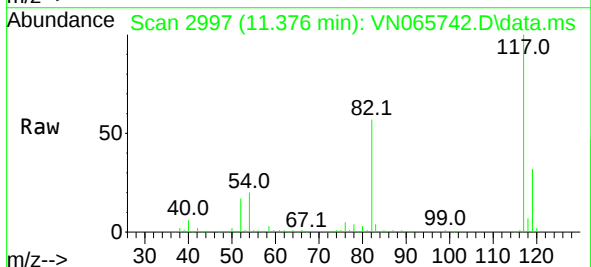
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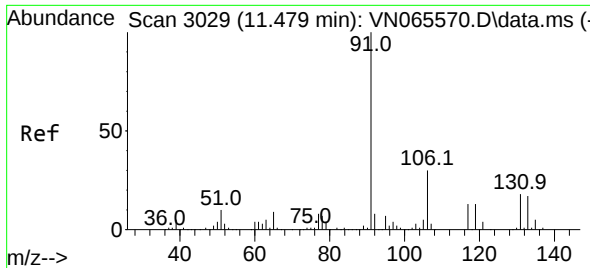
Tgt Ion: 95 Resp: 133153
Ion Ratio Lower Upper
95 100
174 71.2 0.0 169.0
176 67.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

Tgt Ion: 117 Resp: 294365
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.0 26.1 39.1

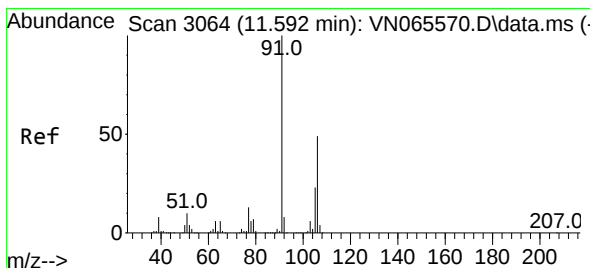
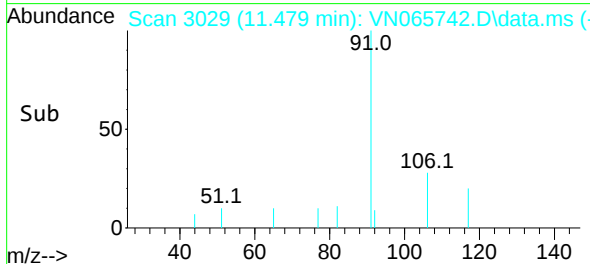
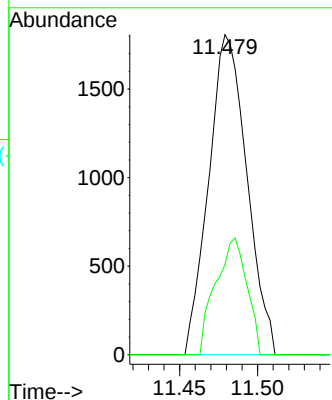
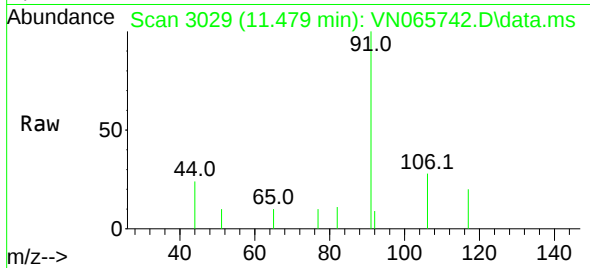




#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

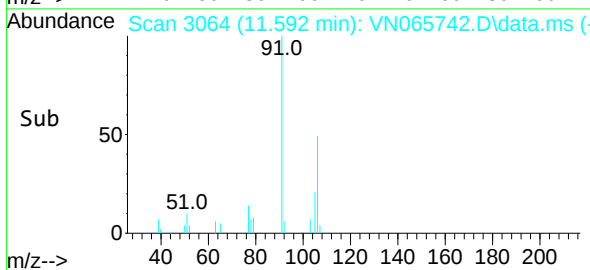
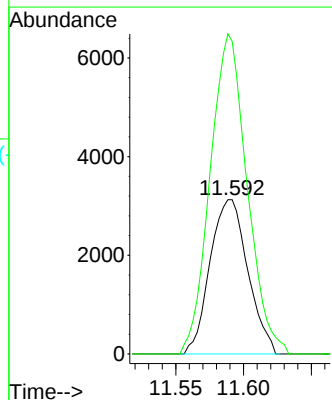
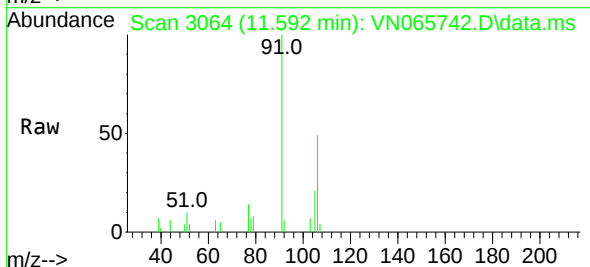
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387

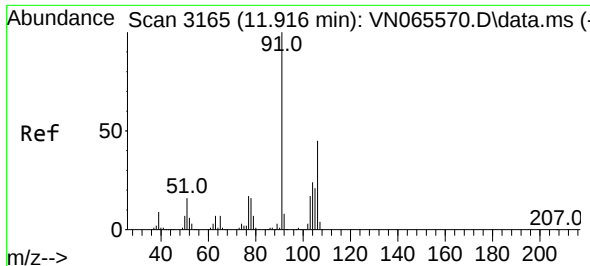
Tgt Ion: 91 Resp: 3076
Ion Ratio Lower Upper
91 100
106 28.2 25.5 38.3



#68
m/p-Xylenes
Concen: 1.45 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

Tgt Ion: 106 Resp: 6053
Ion Ratio Lower Upper
106 100
91 203.0 161.4 242.0

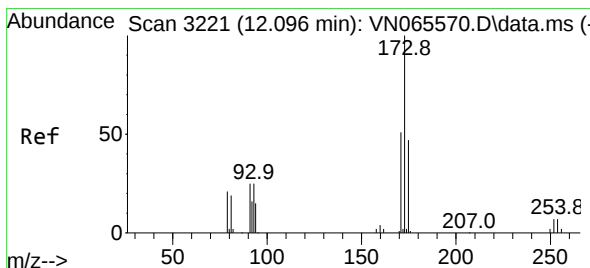
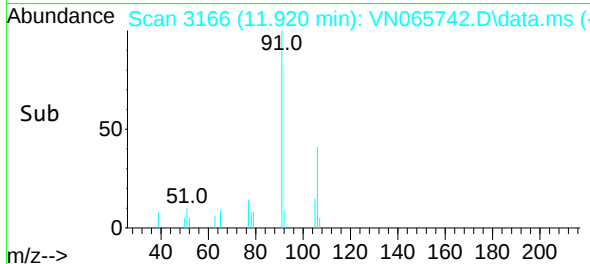
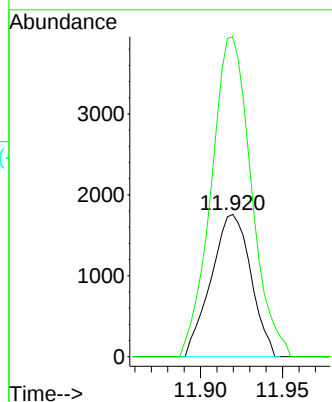
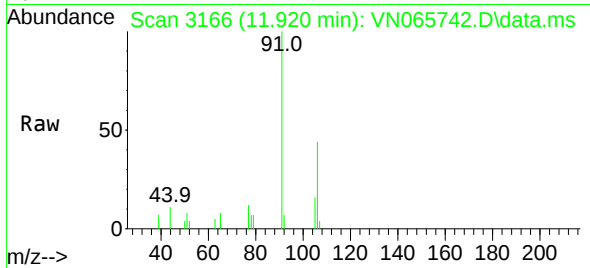




#69
o-Xylene
Concen: 0.73 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.004 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

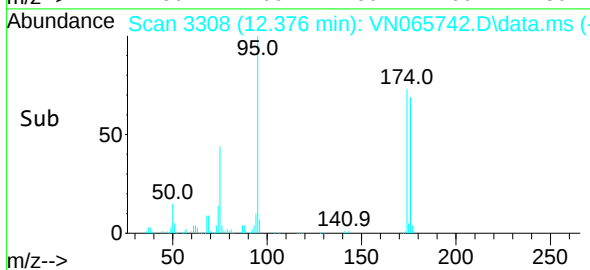
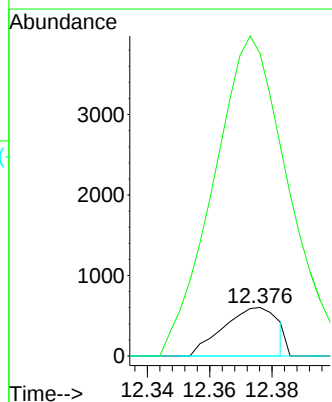
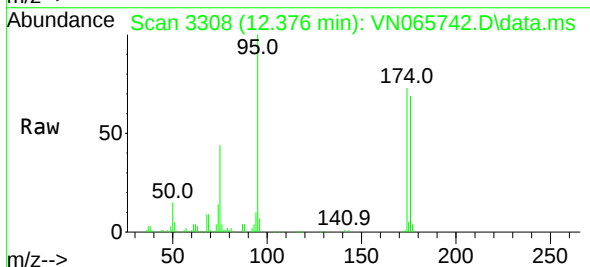
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387

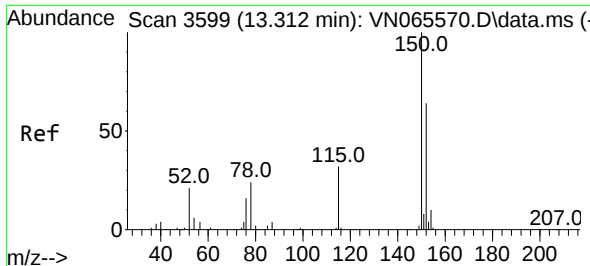
Tgt Ion:106 Resp: 2955
Ion Ratio Lower Upper
106 100
91 226.9 106.8 320.4



#71
Bromoform
Concen: 0.49 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.280 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

Tgt Ion:173 Resp: 730
Ion Ratio Lower Upper
173 100
175 746.6 23.8 71.2#
254 0.0 0.0 0.0

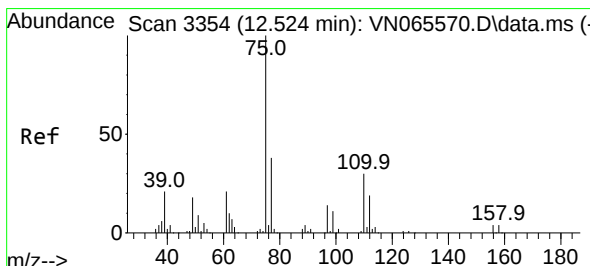
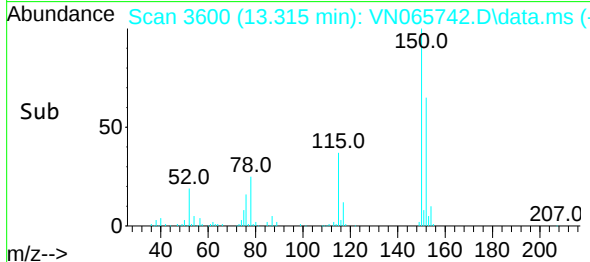
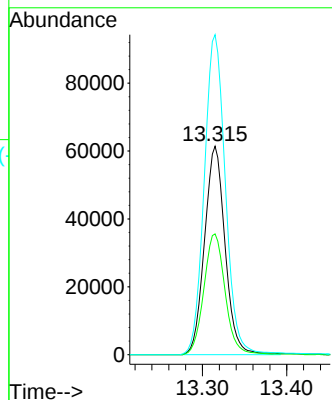
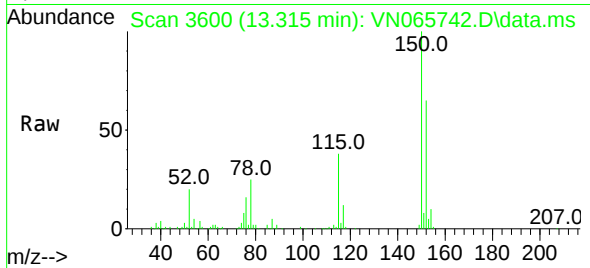




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065742.D
 Acq: 5 Feb 2021 16:56

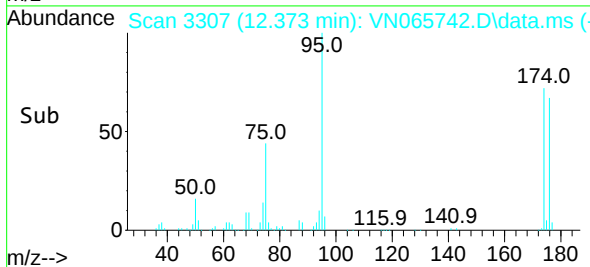
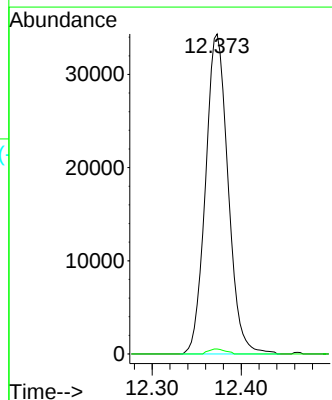
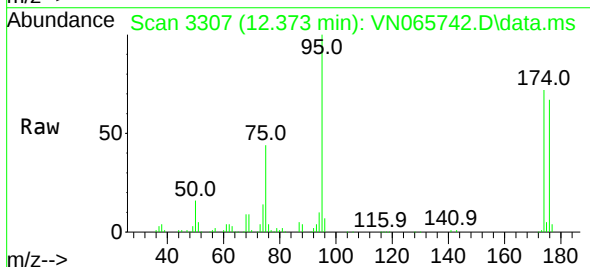
Instrument :
 MSVOA_N
 ClientSampleId :
 31394-5-31403-31387

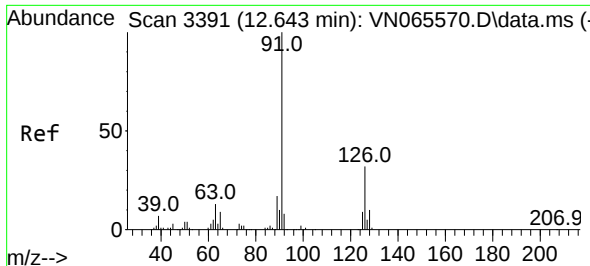
Tgt Ion:152 Resp: 104573
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.5 85.6
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 22.05 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065742.D
 Acq: 5 Feb 2021 16:56

Tgt Ion: 75 Resp: 60303
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

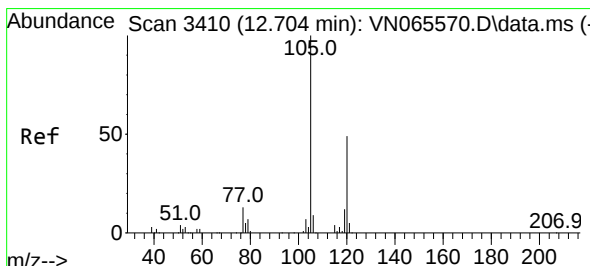
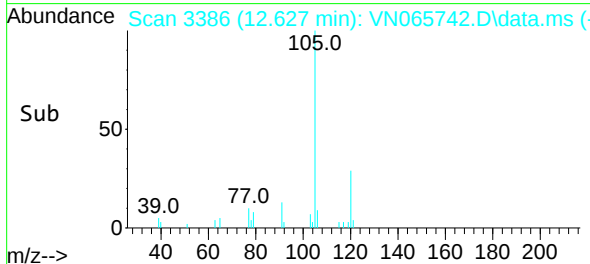
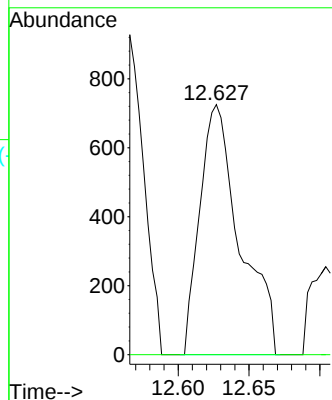
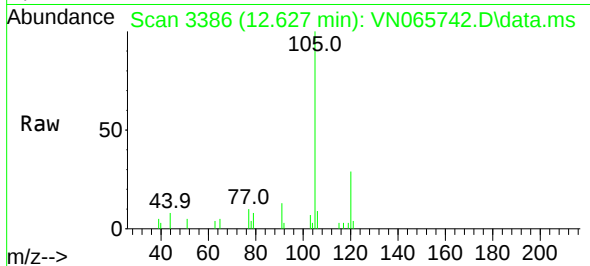




#79
2-Chlorotoluene
Concen: 0.22 ug/l
RT: 12.627 min Scan# 3386
Delta R.T. -0.016 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

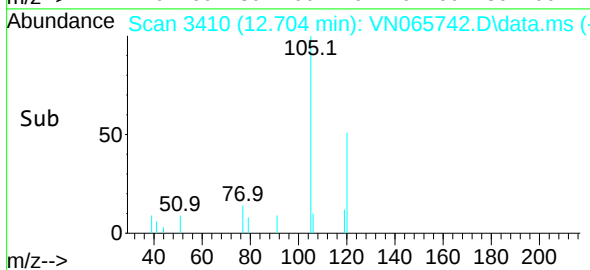
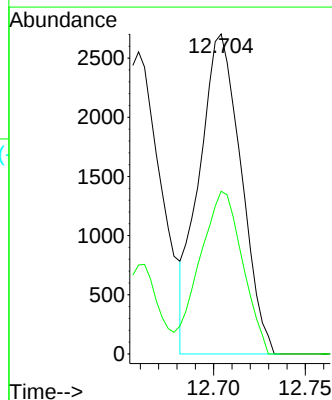
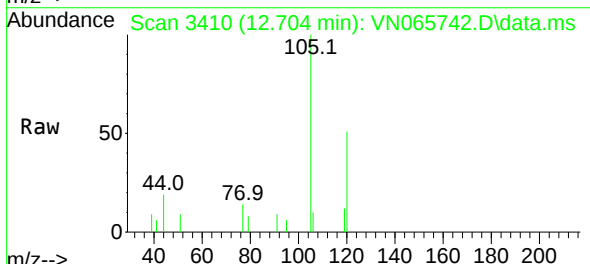
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387

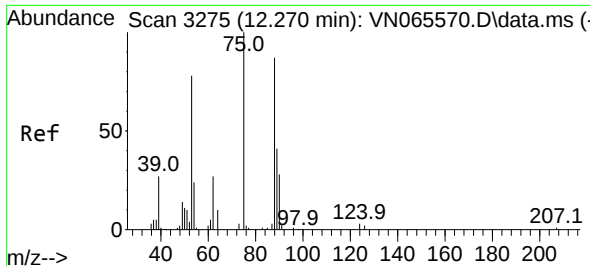
Tgt Ion: 91 Resp: 1425
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#80
1,3,5-Trimethylbenzene
Concen: 0.55 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

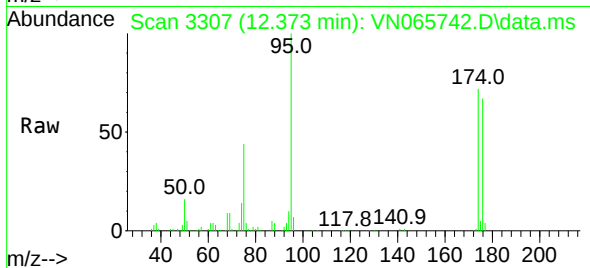
Tgt Ion: 105 Resp: 4300
Ion Ratio Lower Upper
105 100
120 51.9 24.3 72.8



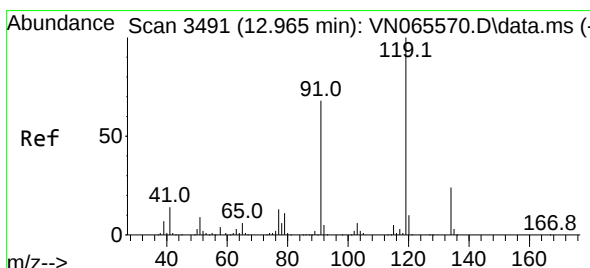
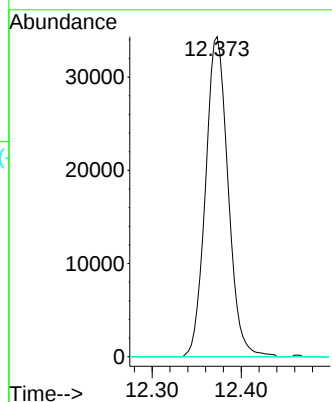
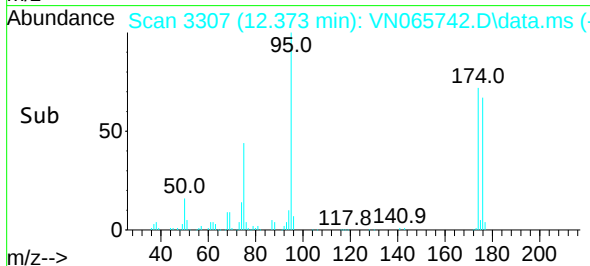


#81
trans-1,4-Dichloro-2-butene
Concen: 56.48 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

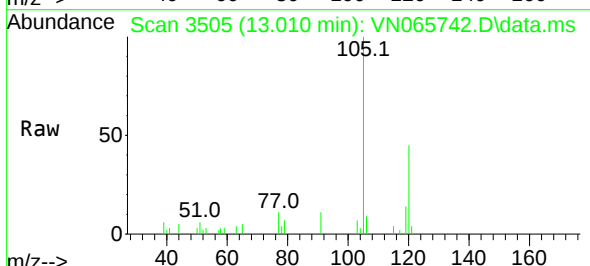
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387



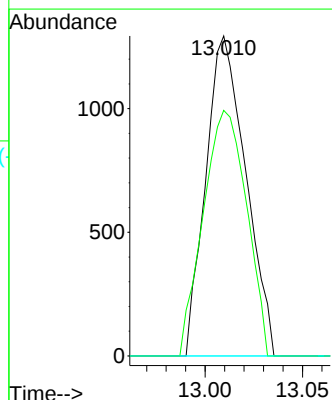
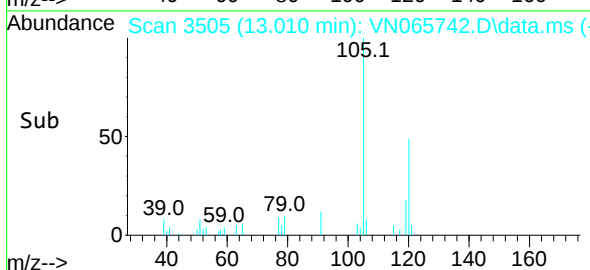
Tgt Ion: 75 Resp: 60303
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

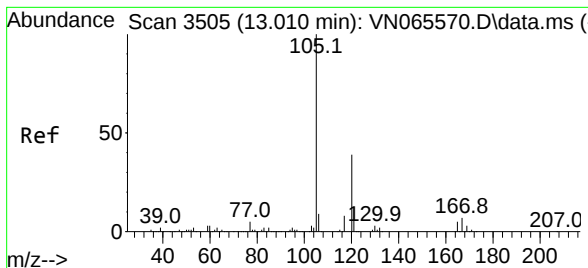


#83
tert-Butylbenzene
Concen: 0.28 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.045 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56



Tgt Ion: 119 Resp: 1843
Ion Ratio Lower Upper
119 100
91 83.2 33.0 98.9
134 0.0 12.7 38.1#

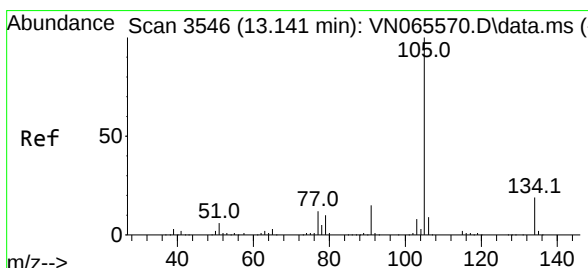
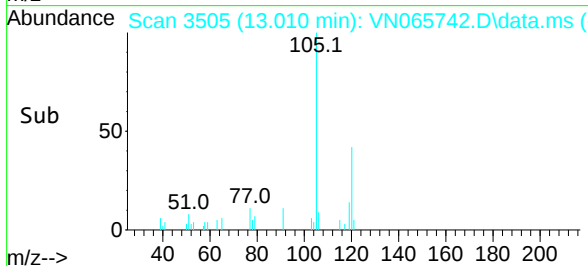
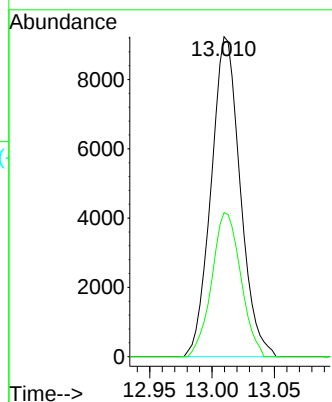
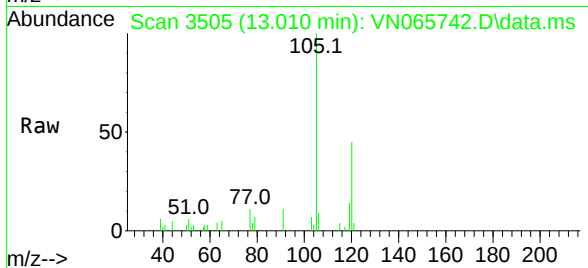




#84
1,2,4-Trimethylbenzene
Concen: 1.93 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

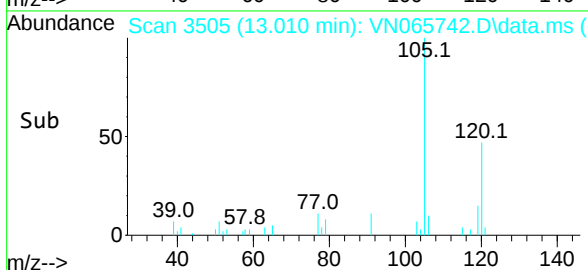
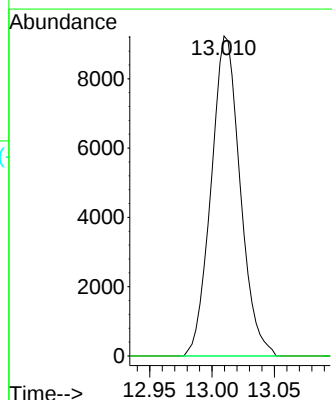
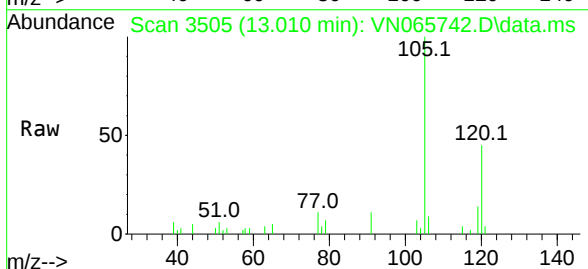
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387

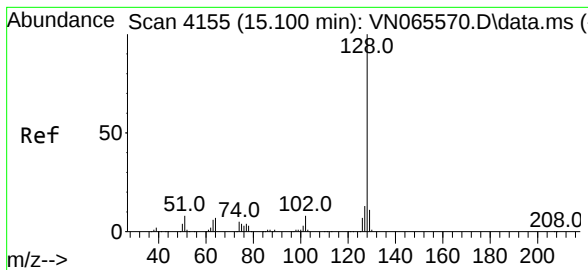
Tgt Ion:105 Resp: 14992
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0



#85
sec-Butylbenzene
Concen: 1.71 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.131 min
Lab File: VN065742.D
Acq: 5 Feb 2021 16:56

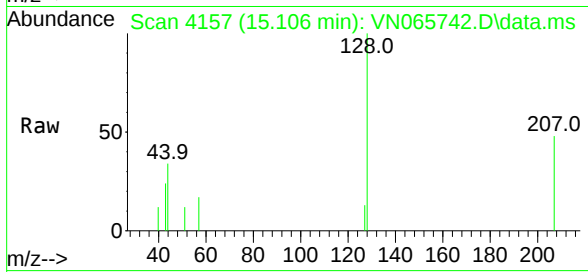
Tgt Ion:105 Resp: 14992
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#





#95
 Naphthalene
 Concen: 3.83 ug/l
 RT: 15.106 min Scan# 4157
 Delta R.T. 0.006 min
 Lab File: VN065742.D
 Acq: 5 Feb 2021 16:56

Instrument :
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Tgt Ion:	128	Resp:	2749
Ion	Ratio	Lower	Upper
128	100		
127	4.6	10.2	15.2#
129	1.1	8.6	13.0#

