Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
Data File : VN061362.D
Acq On : 8 May 2020 15:22
Operator : JC/MD
Sample : L2544-13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ST008MW038-200505

Manual Integrations APPROVED
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Quant Time: May 11 04:06:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	103444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	186936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	83650	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.22%			
35) Dibromofluoromethane	7.55	113	54707	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.98%			
50) Toluene-d8	10.06	98	236191	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.82%			
62) 4-Bromofluorobenzene	12.38	95	87107	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.74%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	6.79	96	1007m	0.722	ug/l	
39) Methylcyclohexane	9.04	83	4809m	2.292	ug/l	
65) Chlorobenzene	11.41	112	52538	14.999	ug/l	99
73) Isopropylbenzene	12.23	105	3639	0.628	ug/l	92
83) tert-Butylbenzene	12.97	119	7502	1.856	ug/l	96
85) sec-Butylbenzene	13.15	105	15776	2.863	ug/l #	54
88) 1,4-Dichlorobenzene	13.34	146	4111m	1.635	ug/l	

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

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Instrument :
MSVOA_N
ClientSampleId :
ST008MW038-200505

Manual Integrations APPROVED
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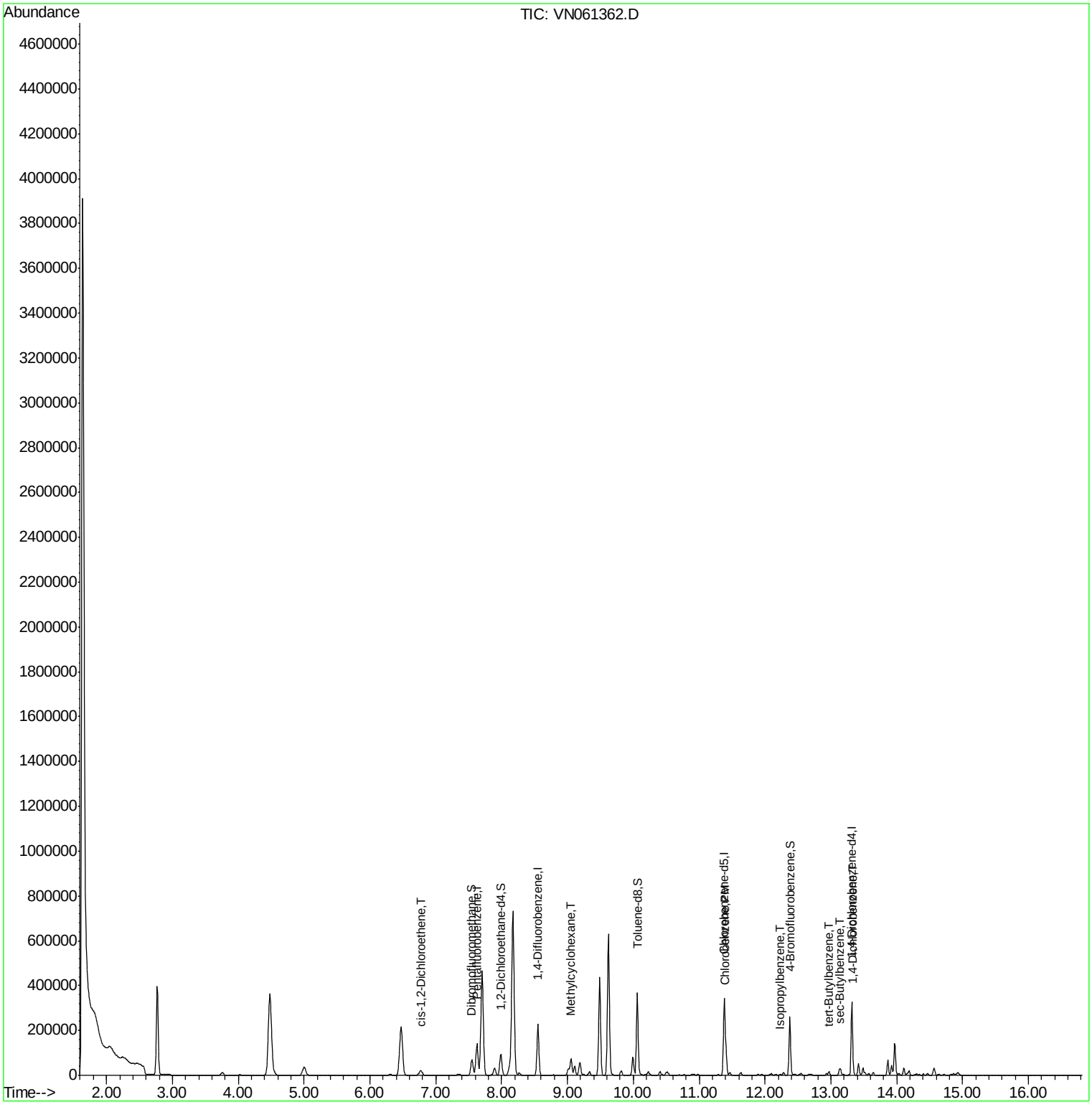

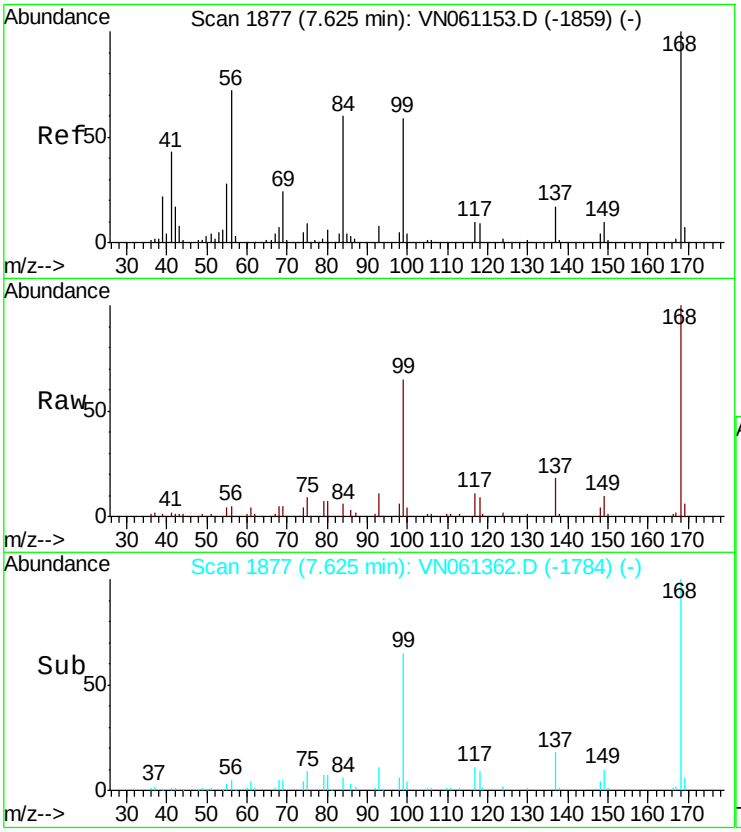

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:168 Resp: 103444

Ion	Ratio	Lower	Upper
168	100		
99	65.1	51.2	76.8

Instrument :
MSVOA_N
ClientSampleId :
ST008MW038-200505

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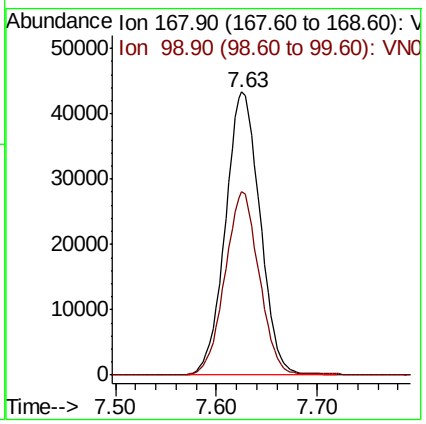
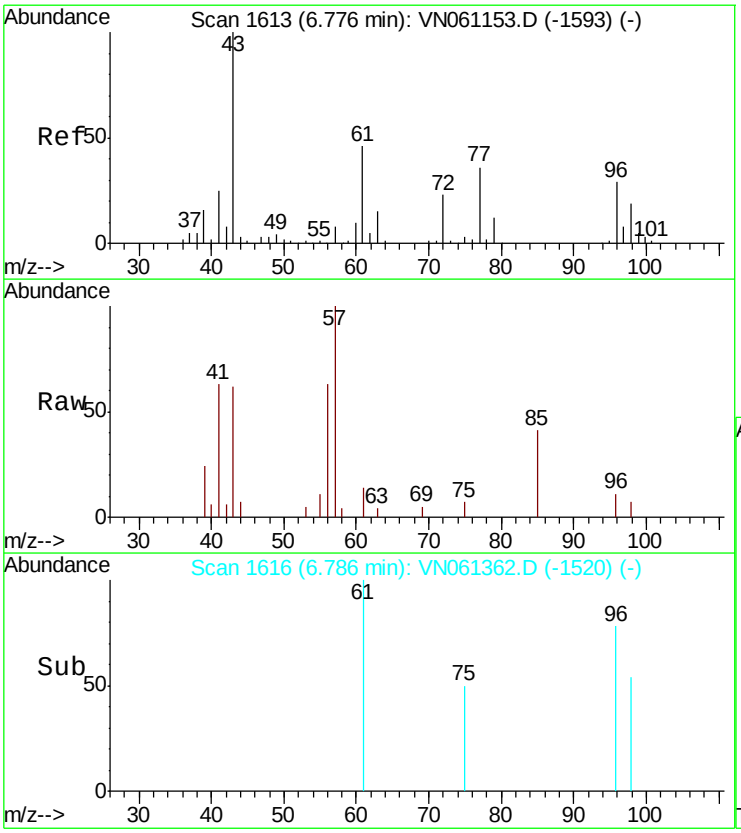
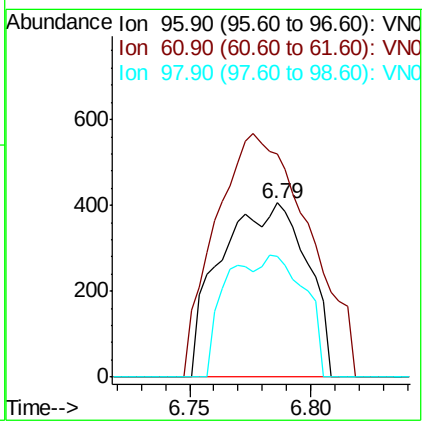


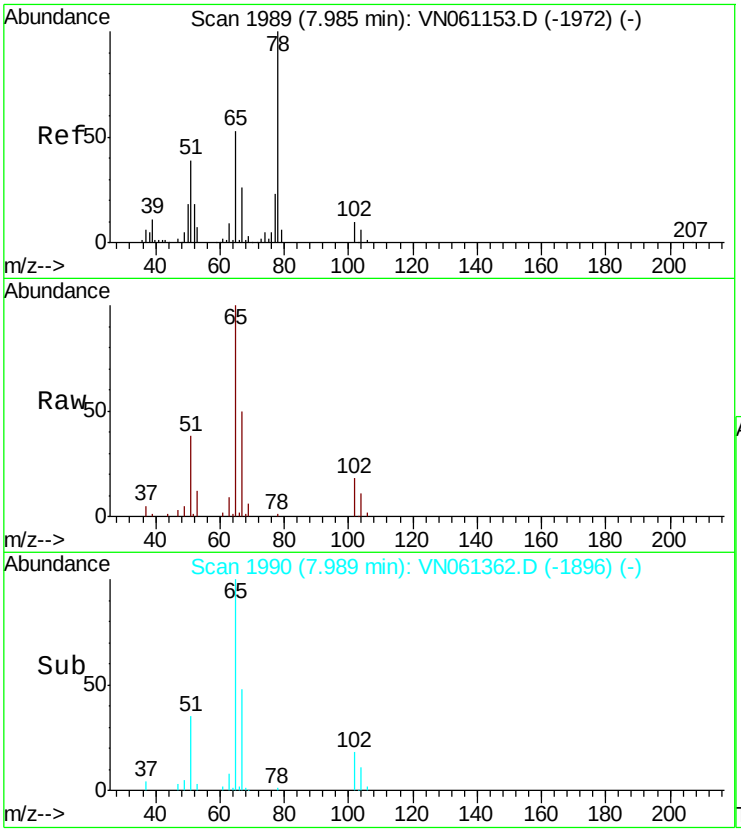


#27
cis-1,2-Dichloroethene
Concen: 0.722 ug/l m
RT: 6.79 min Scan# 1616
Delta R.T. 0.01 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 96 Resp: 1007

Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	322.0
98	26.3	0.0	129.6





#33
1,2-Dichloroethane-d4
Concen: 51.106 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 65 Resp: 83650

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.6

Instrument :
MSVOA_N
ClientSampleId :
ST008MW038-200505

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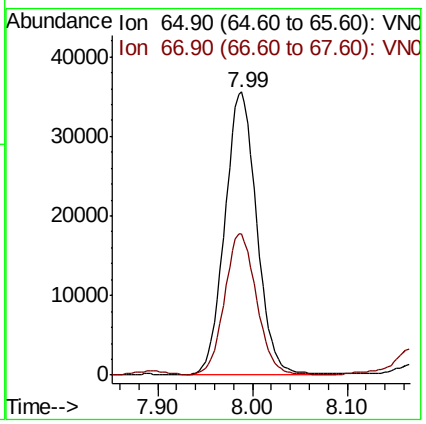
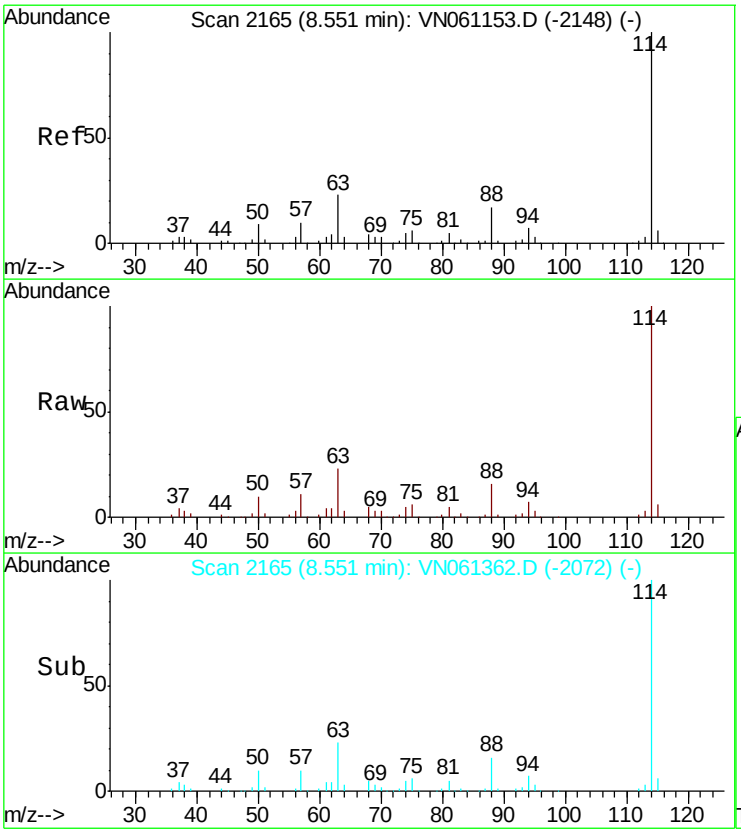
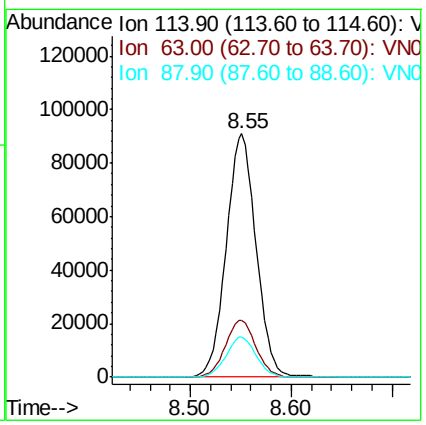


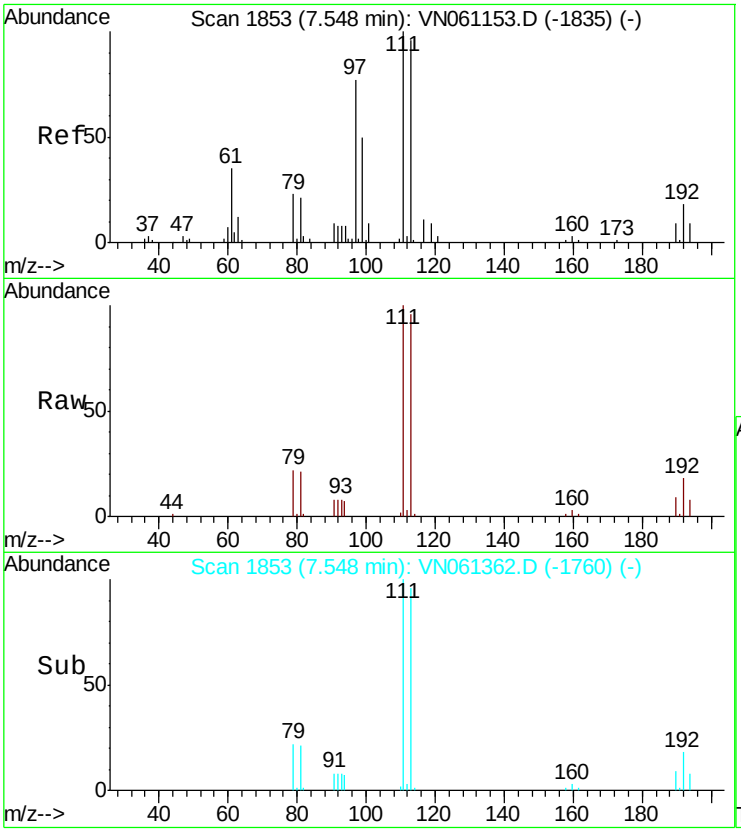


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:114 Resp: 186936

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.6
88	16.4	0.0	33.4

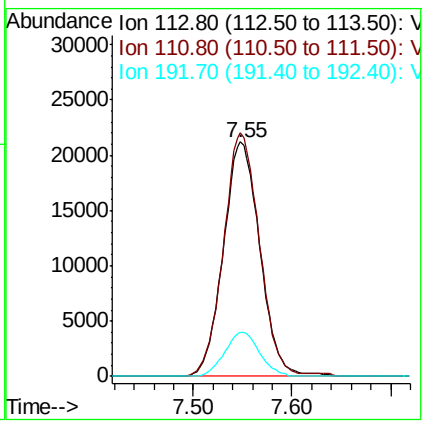




#35
Dibromofluoromethane
Concen: 49.491 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:113 Resp: 54707

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	18.0	14.7	22.1



Instrument :
MSVOA_N
ClientSampleId :
ST008MW038-200505

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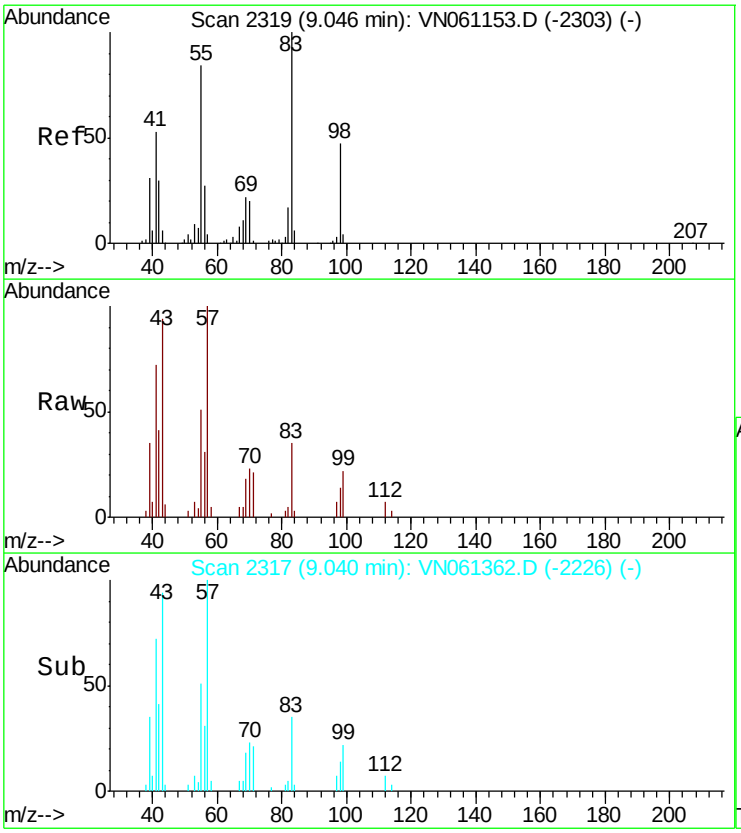
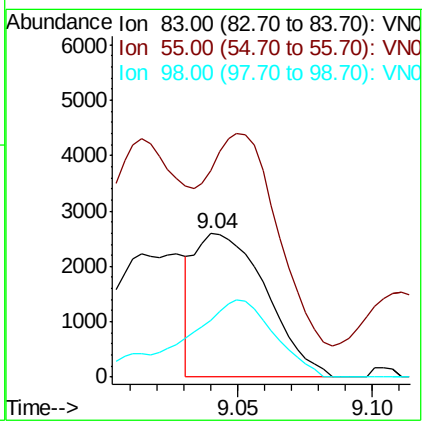
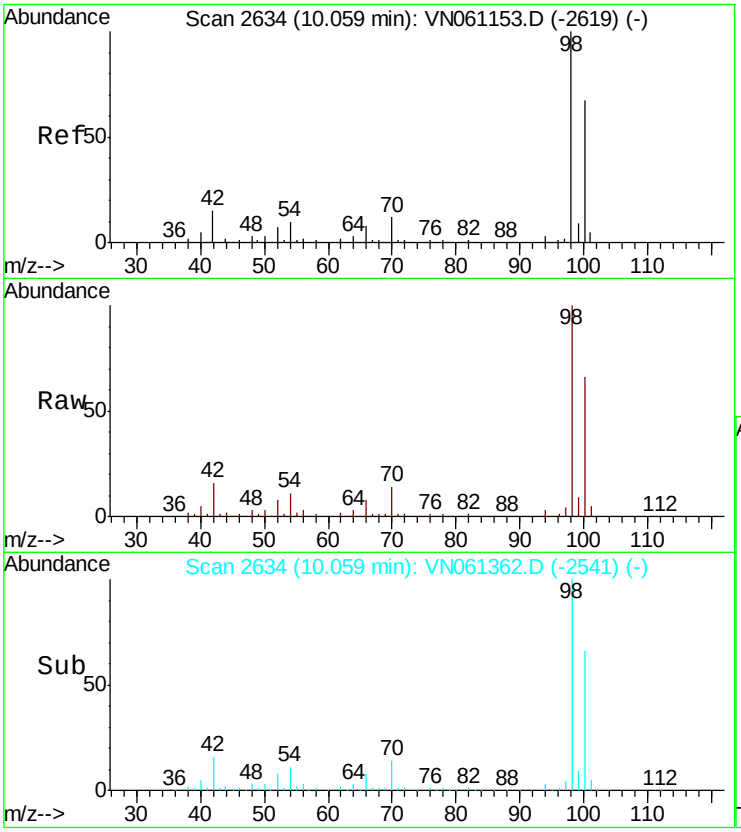


#39
Methylcyclohexane
Concen: 2.292 ug/l m
RT: 9.04 min Scan# 2317
Delta R.T. -0.01 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 83 Resp: 4809

Ion	Ratio	Lower	Upper
83	100		
55	144.4	67.3	100.9#
98	39.7	37.7	56.5





#50
Toluene-d8
Concen: 52.415 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 98 Resp: 236191

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.4	80.0

Instrument :
MSVOA_N
ClientSampleId :
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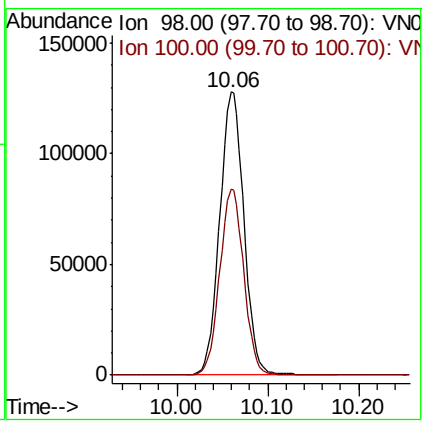
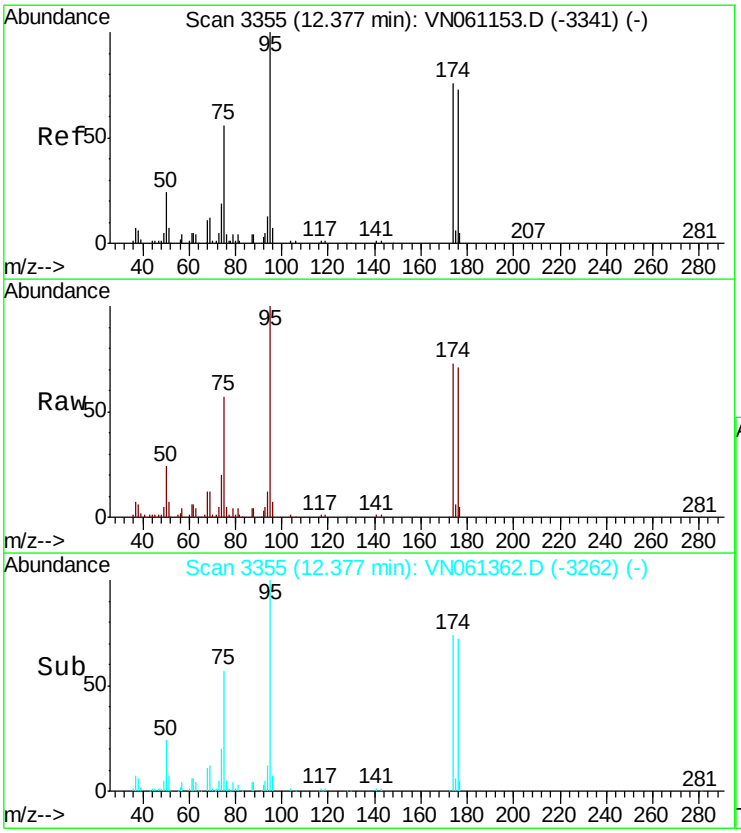
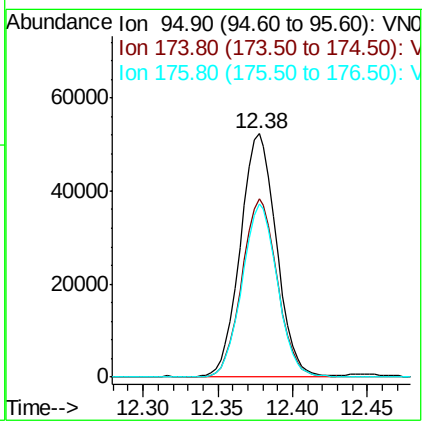


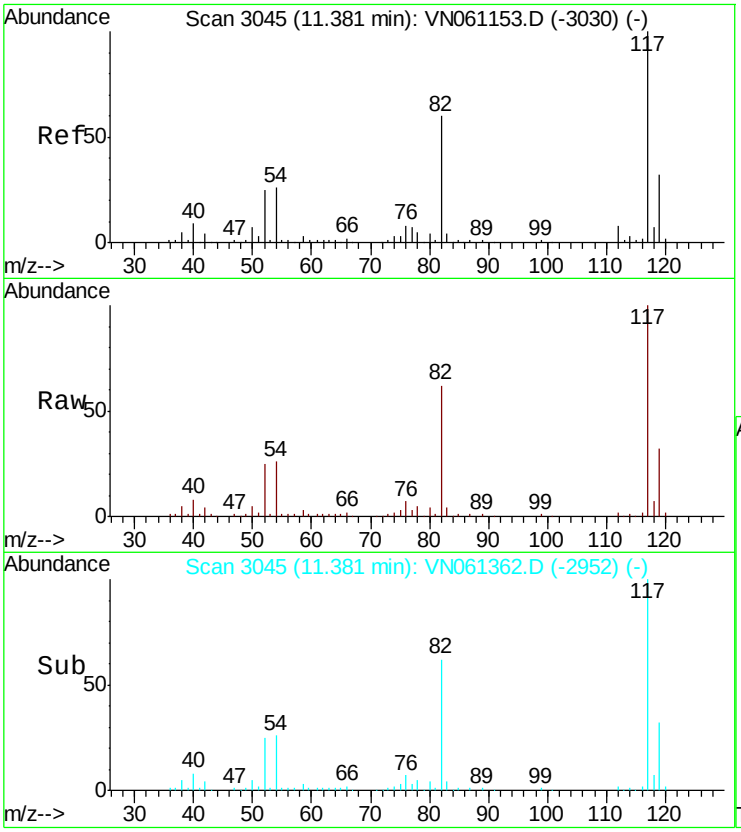


#62
4-Bromofluorobenzene
Concen: 51.368 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 95 Resp: 87107

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	149.4
176	70.1	0.0	144.8

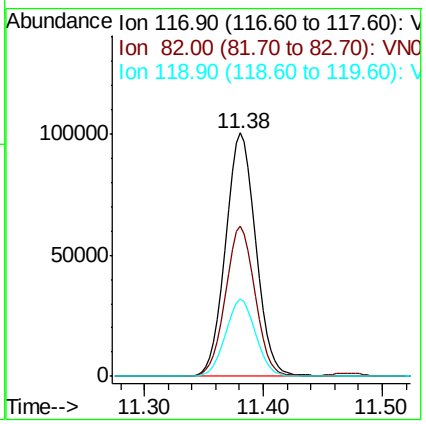




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:117 Resp: 176585

Ion	Ratio	Lower	Upper
117	100		
82	61.7	47.8	71.8
119	31.9	25.8	38.6



Instrument :
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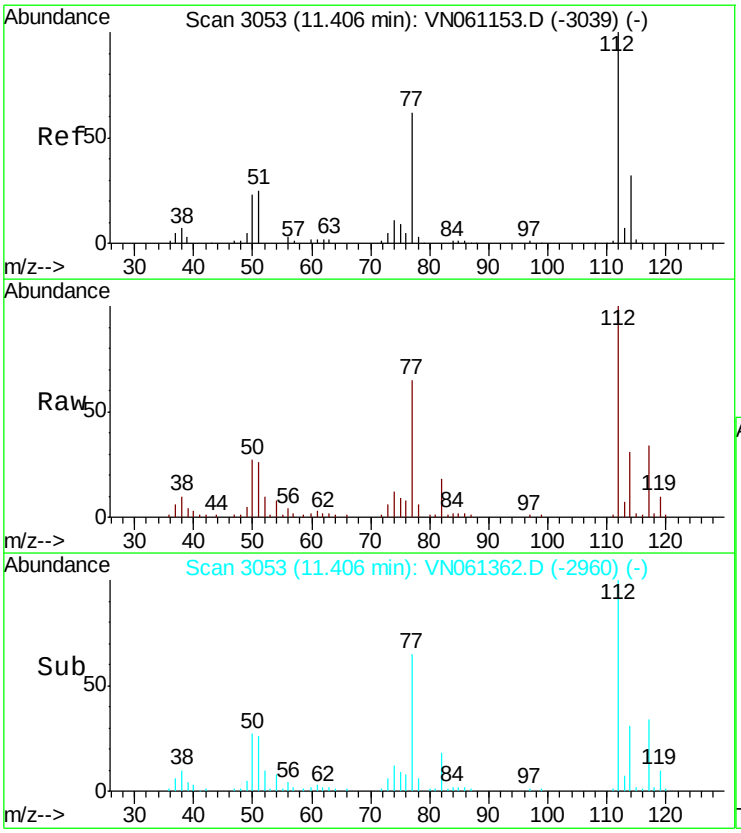
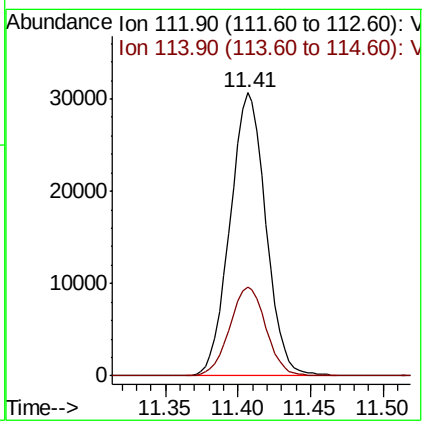
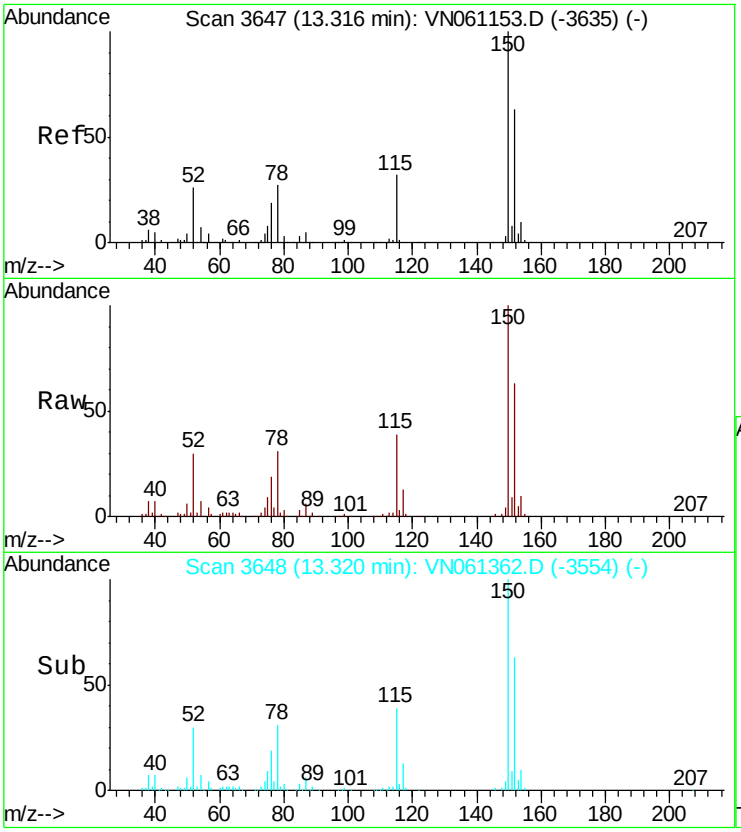


#65
Chlorobenzene
Concen: 14.999 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:112 Resp: 52538

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:152 Resp: 78787

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.0	93.0
150	159.0	0.0	351.8

Instrument :
MSVOA_N
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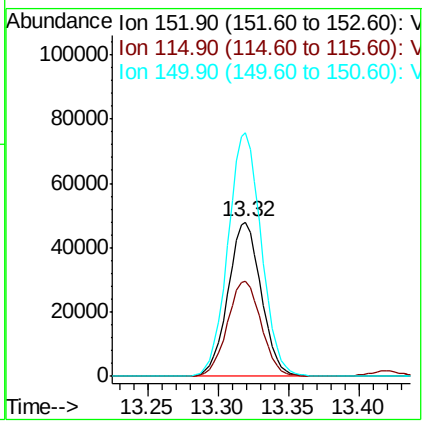
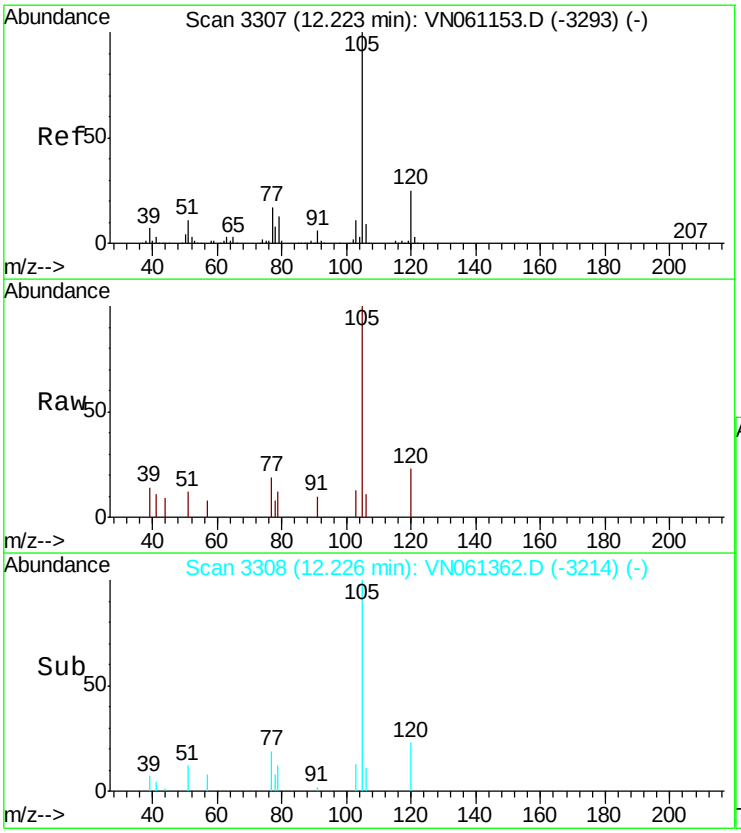
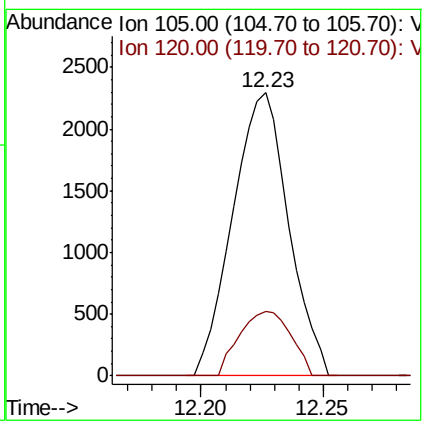


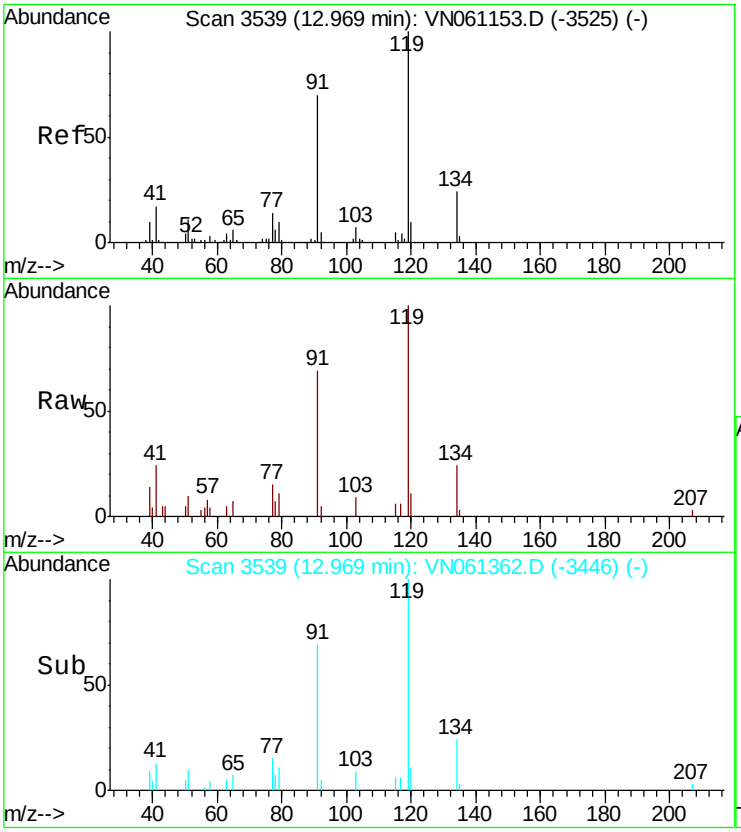


#73
Isopropylbenzene
Concen: 0.628 ug/l
RT: 12.23 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:105 Resp: 3639

Ion	Ratio	Lower	Upper
105	100		
120	21.0	12.6	37.8

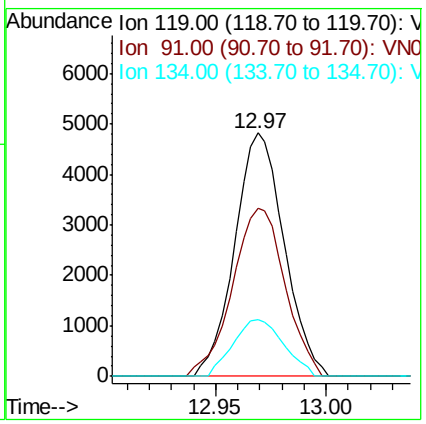




#83
tert-Butylbenzene
Concen: 1.856 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:119 Resp: 7502

Ion	Ratio	Lower	Upper
119	100		
91	73.4	34.8	104.4
134	23.9	12.9	38.7



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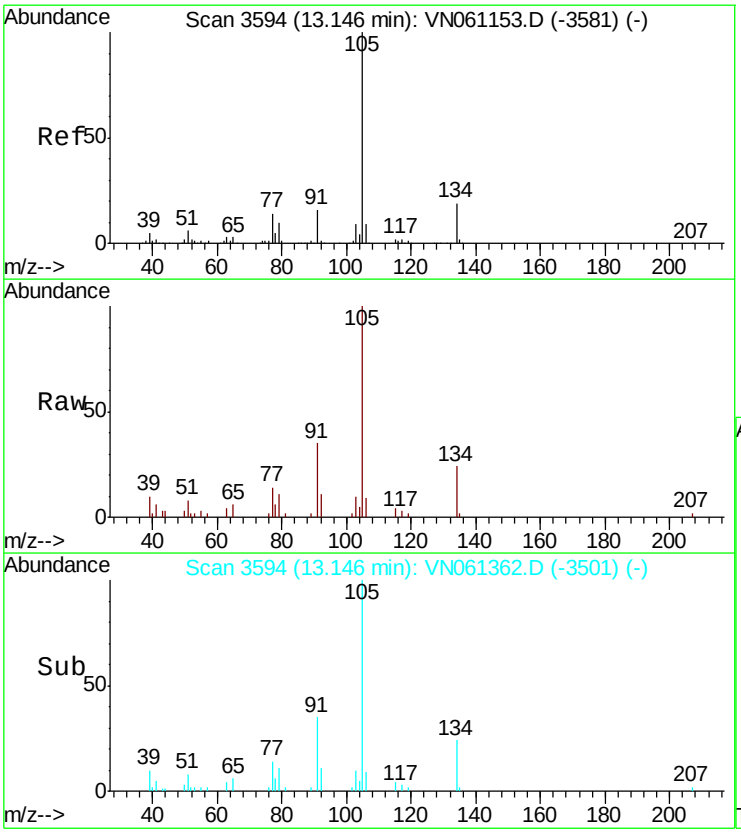
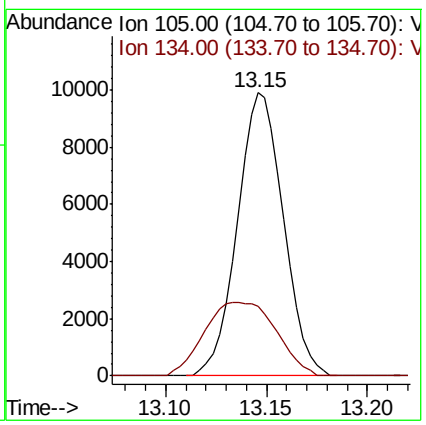
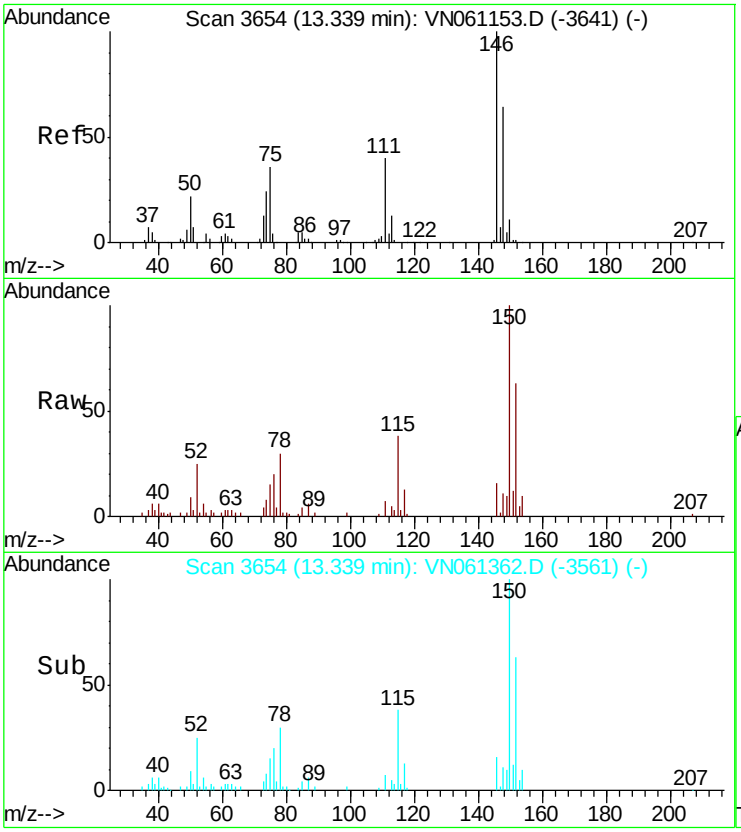


#85
sec-Butylbenzene
Concen: 2.863 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:105 Resp: 15776

Ion	Ratio	Lower	Upper
105	100		
134	40.2	9.6	28.8#

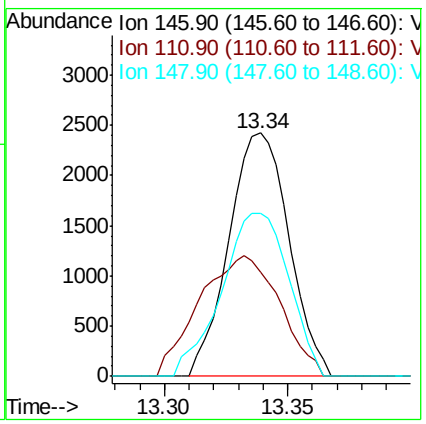




#88
1,4-Dichlorobenzene
Concen: 1.635 ug/l m
RT: 13.34 min Scan# 3654
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:146 Resp: 4111

Ion	Ratio	Lower	Upper
146	100		
111	4.3	20.4	61.3#
148	6.8	31.9	95.7#



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