Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
Data File : VN062006.D
Acq On : 22 Jun 2020 17:55
Operator : JC/MD
Sample : L3033-03DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS043MW011-200615DL

Manual Integrations APPROVED
MMDadoda
6/23/2020 12:47:41 PM

Quant Time: Jun 23 06:04:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	274018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104103	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.32%			
35) Dibromofluoromethane	7.55	113	88688	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.18%			
50) Toluene-d8	10.06	98	348567	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
62) 4-Bromofluorobenzene	12.38	95	117790	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.66%			
Target Compounds						Qvalue
6) Chloroethane	2.67	64	2086	1.264	ug/l	92
8) Diethyl Ether	3.38	74	1845	1.884	ug/l	73
29) Tetrahydrofuran	7.17	42	1565m	2.791	ug/l	
40) Benzene	8.00	78	5827	0.770	ug/l	93
49) 1,4-Dioxane	9.17	88	6710	195.390	ug/l	95
52) Toluene	10.12	92	4592	0.966	ug/l	92
65) Chlorobenzene	11.41	112	360149	62.050	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1596	0.465	ug/l	88
88) 1,4-Dichlorobenzene	13.34	146	12629	3.596	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	4545	1.376	ug/l	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
Data File : VN062006.D
Acq On : 22 Jun 2020 17:55
Operator : JC/MD
Sample : L3033-03DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 23 06:04:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

Manual Integrations APPROVED
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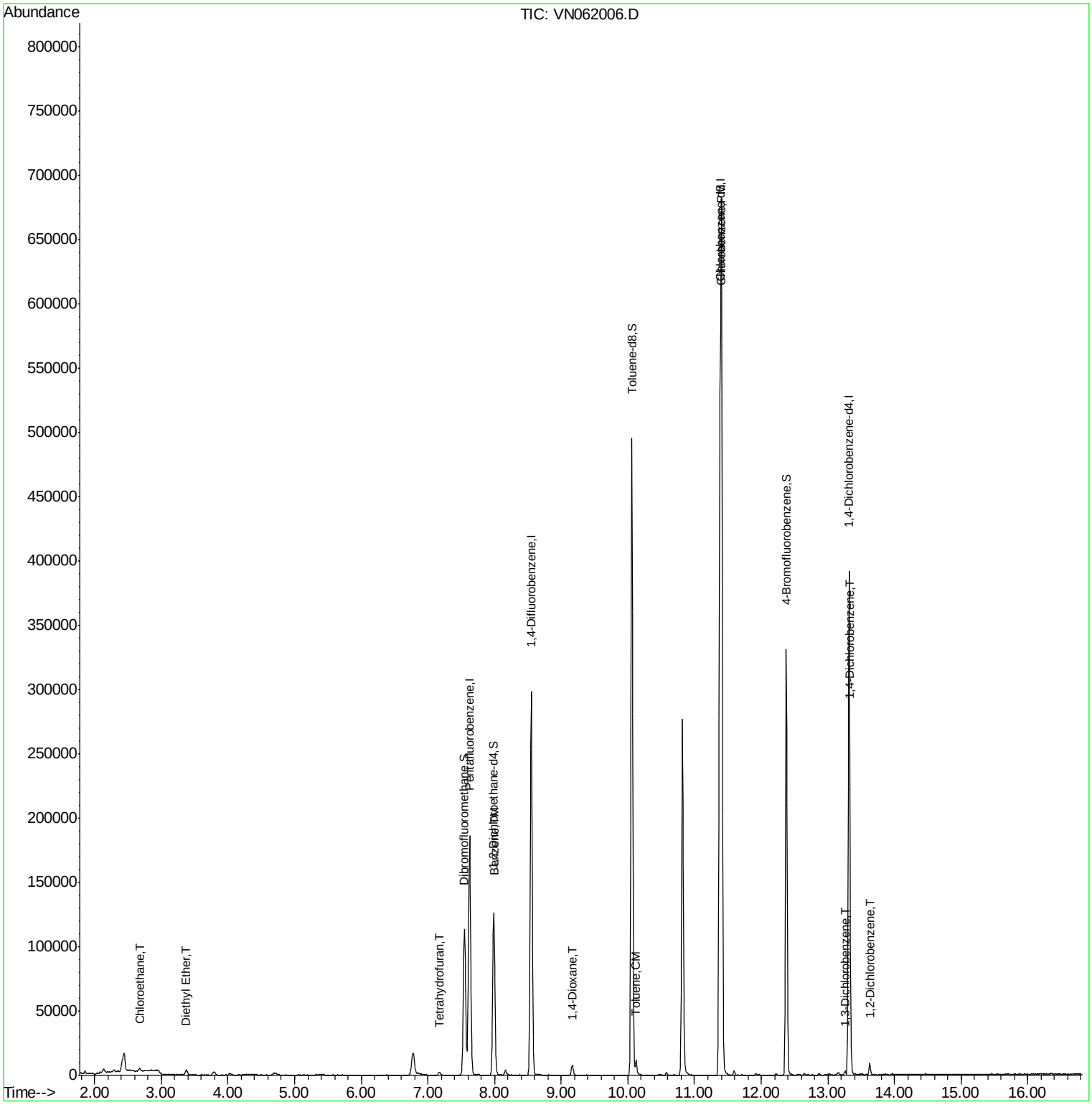

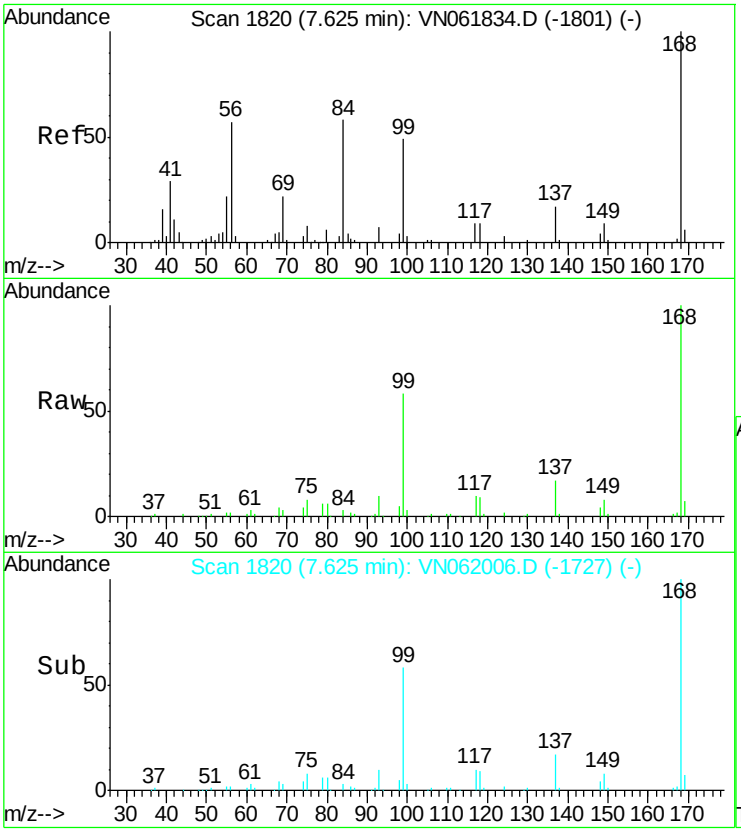

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion:168 Resp: 147397

Ion	Ratio	Lower	Upper
168	100		
99	57.9	44.6	67.0

Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

Manual Integrations APPROVED
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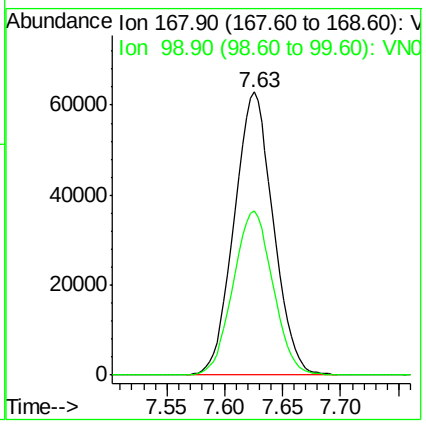
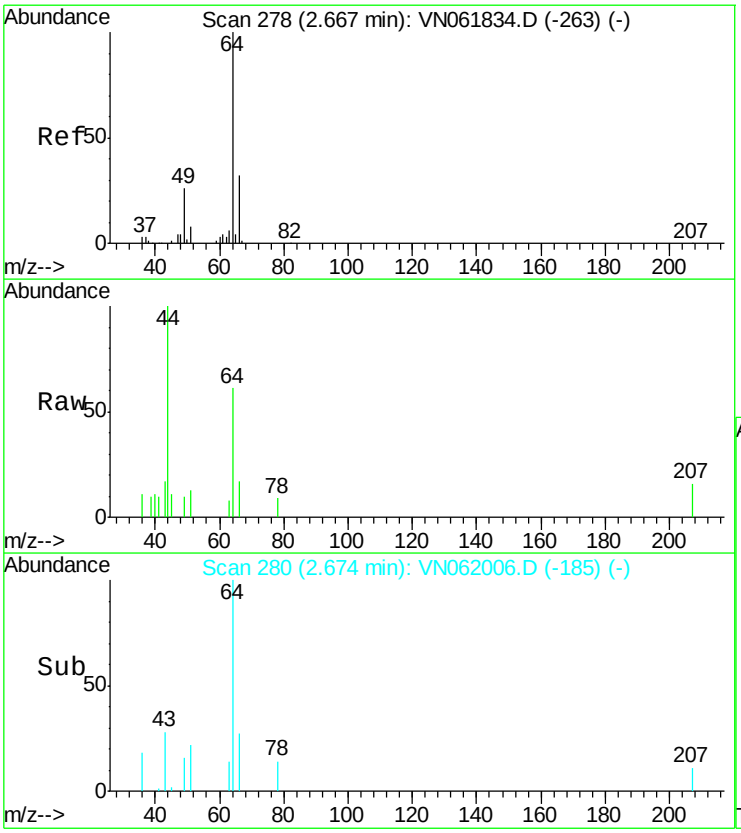
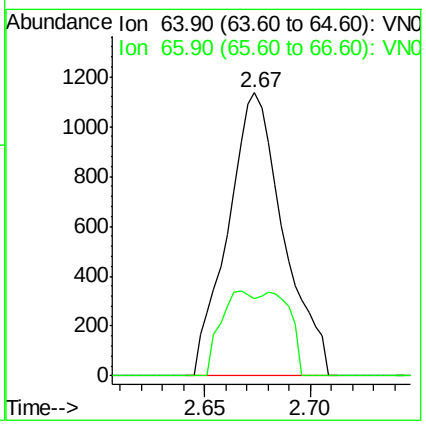


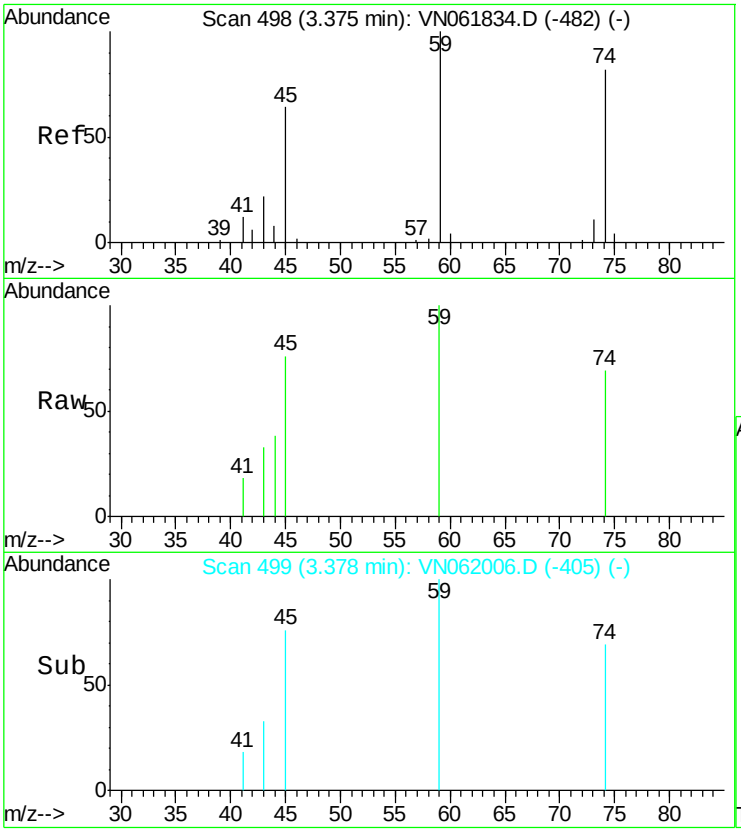


#6
Chloroethane
Concen: 1.264 ug/l
RT: 2.67 min Scan# 280
Delta R.T. 0.01 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion: 64 Resp: 2086

Ion	Ratio	Lower	Upper
64	100		
66	27.2	25.4	38.2





#8
Diethyl Ether
Concen: 1.884 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion: 74 Resp: 1845

Ion	Ratio	Lower	Upper
74	100		
45	101.8	39.1	117.3

Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

Manual Integrations APPROVED
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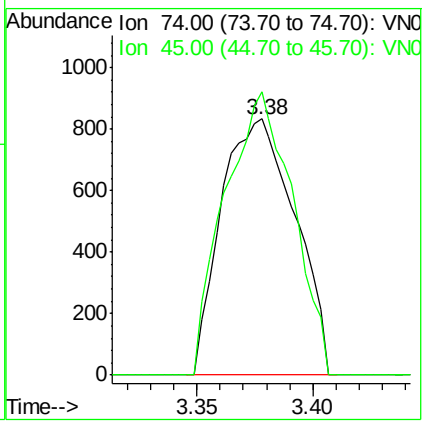
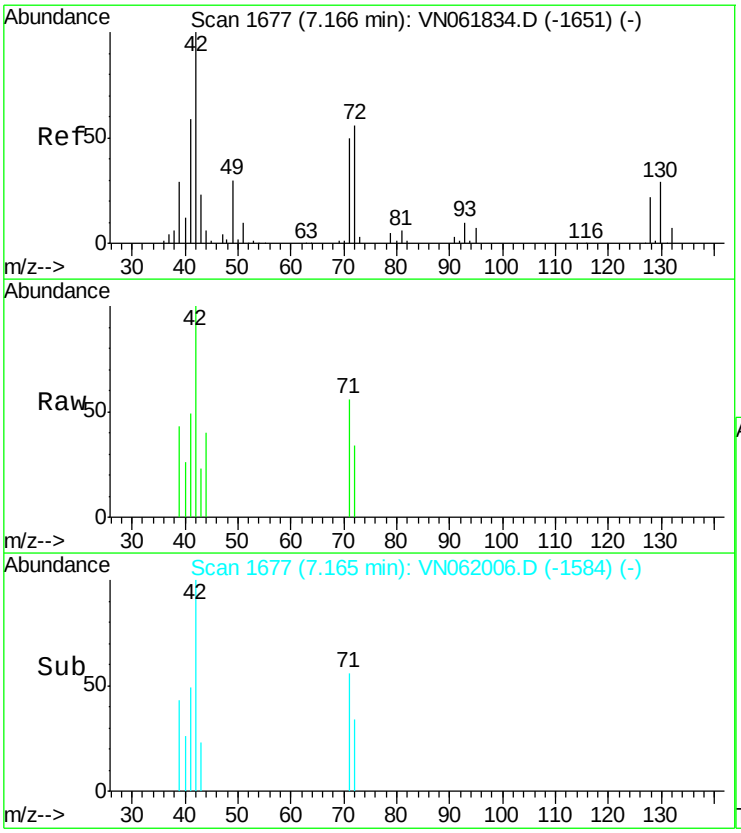
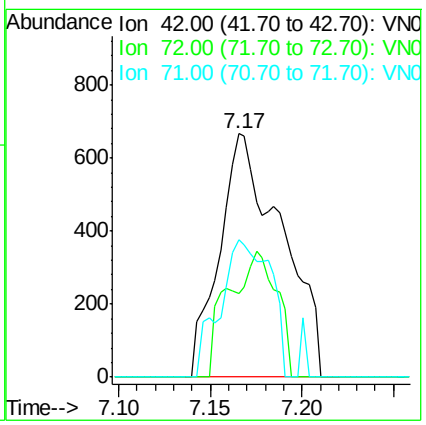


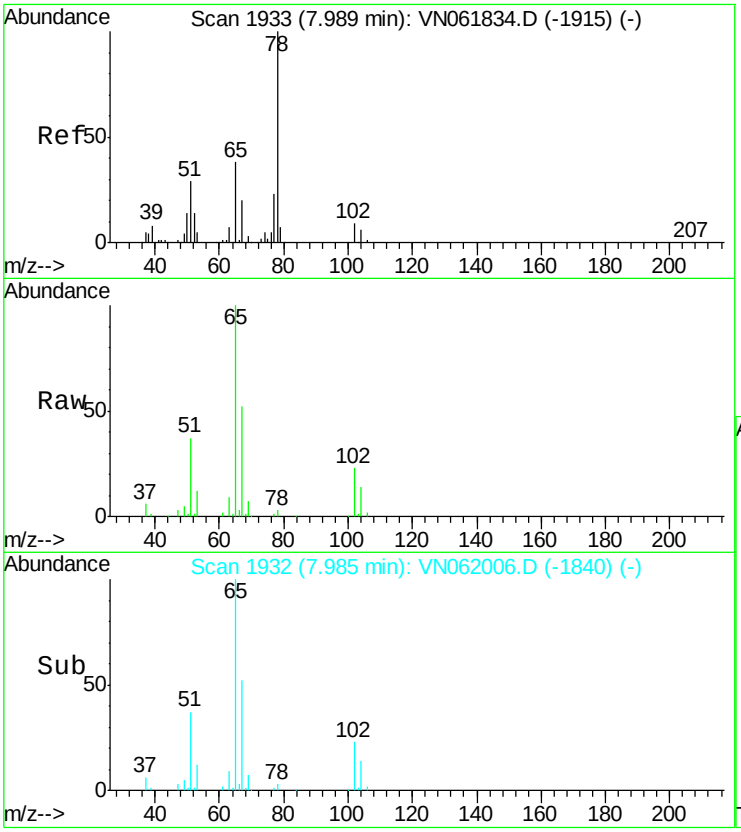


#29
Tetrahydrofuran
Concen: 2.791 ug/l m
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion: 42 Resp: 1565

Ion	Ratio	Lower	Upper
42	100		
72	14.0	44.0	66.0#
71	45.9	40.0	60.0

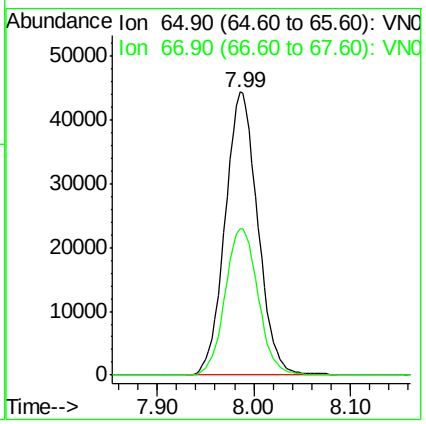




#33
1,2-Dichloroethane-d4
Concen: 52.662 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion: 65 Resp: 104103

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.2



Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

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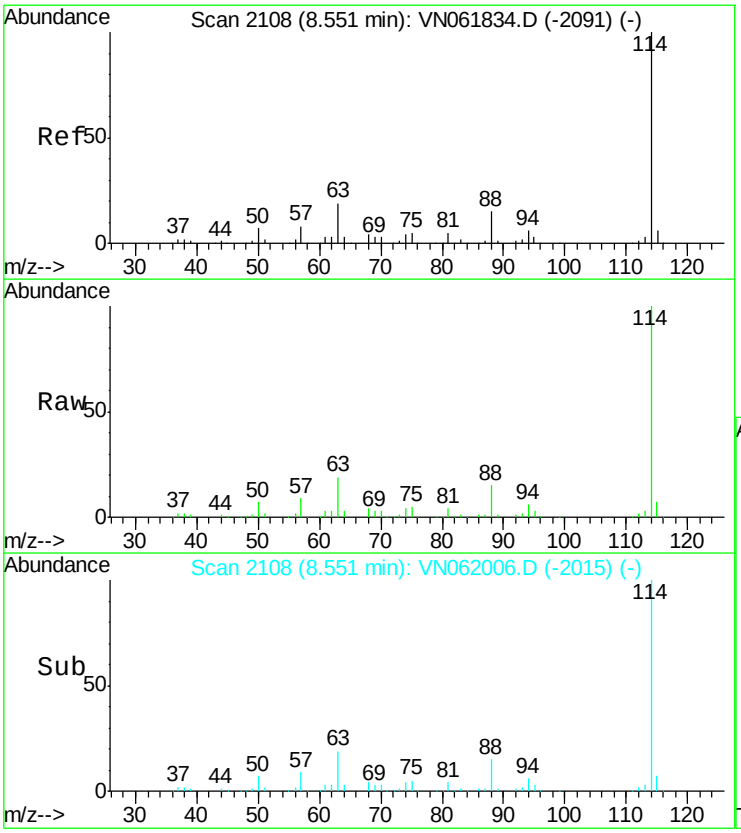
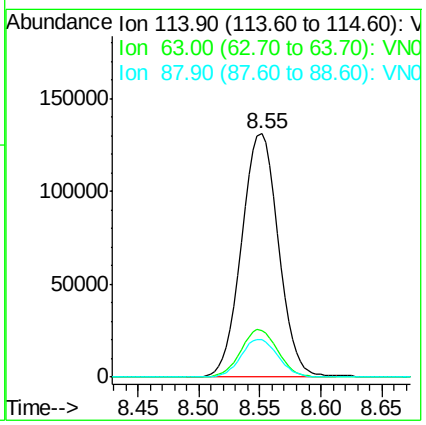
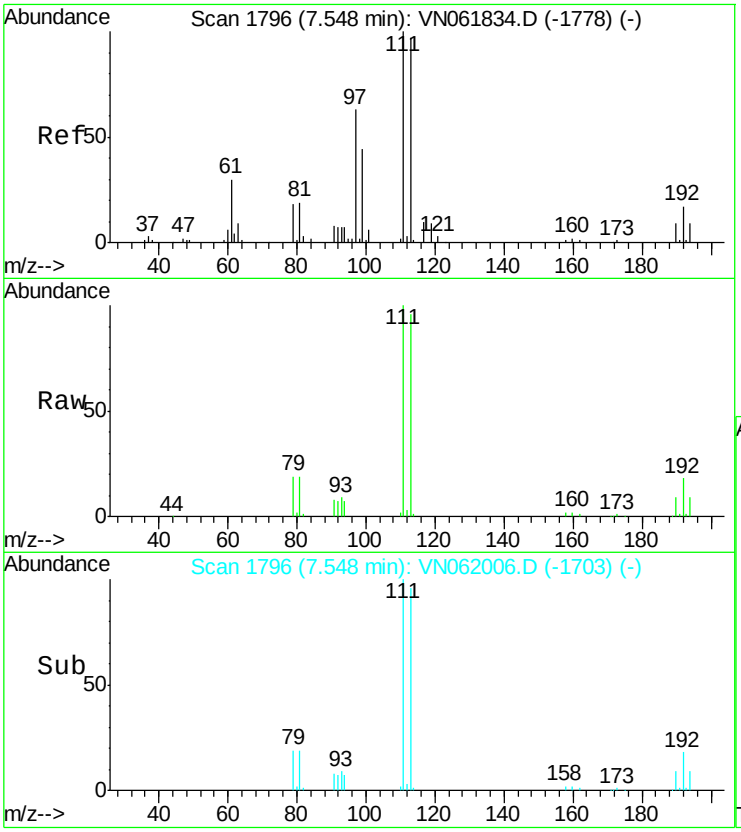


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion:114 Resp: 274018

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.6
88	15.3	0.0	31.0

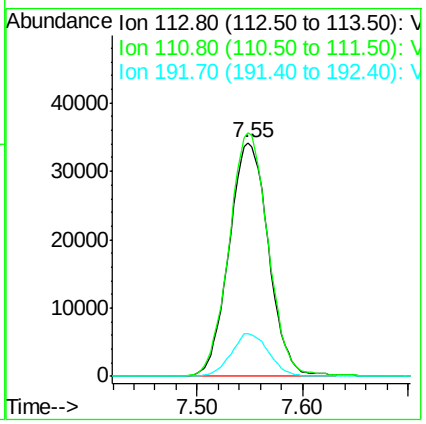




#35
Dibromofluoromethane
Concen: 50.591 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion:113 Resp: 88688

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.7	125.5
192	17.4	13.9	20.9



Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

Manual Integrations APPROVED
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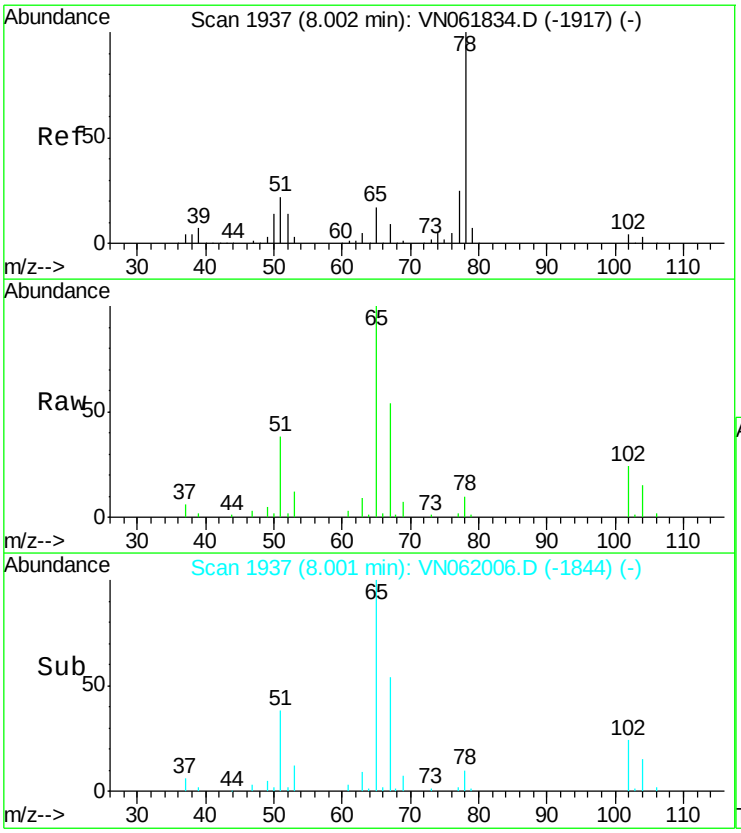
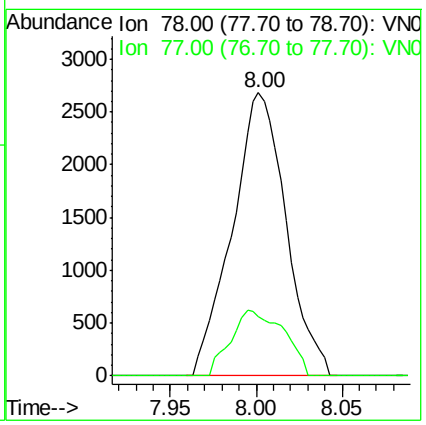
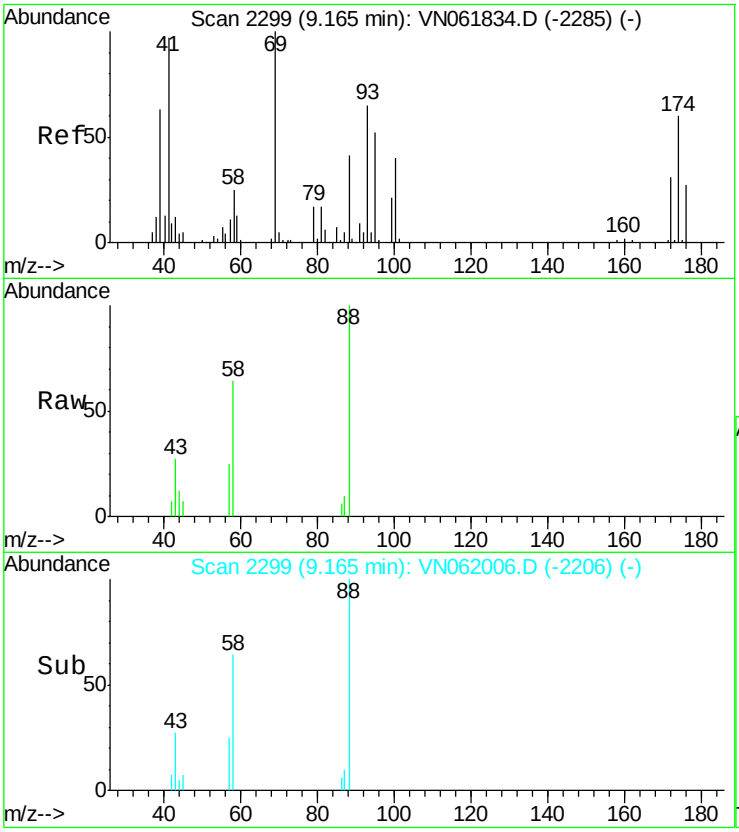


#40
Benzene
Concen: 0.770 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion: 78 Resp: 5827

Ion	Ratio	Lower	Upper
78	100		
77	21.1	19.7	29.5

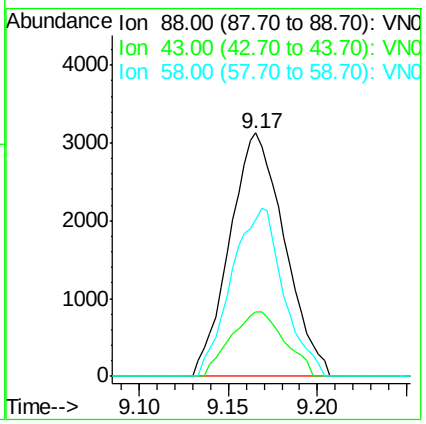




#49
1,4-Dioxane
Concen: 195.390 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion: 88 Resp: 6710

Ion	Ratio	Lower	Upper
88	100		
43	26.1	23.4	35.2
58	65.3	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

Manual Integrations APPROVED
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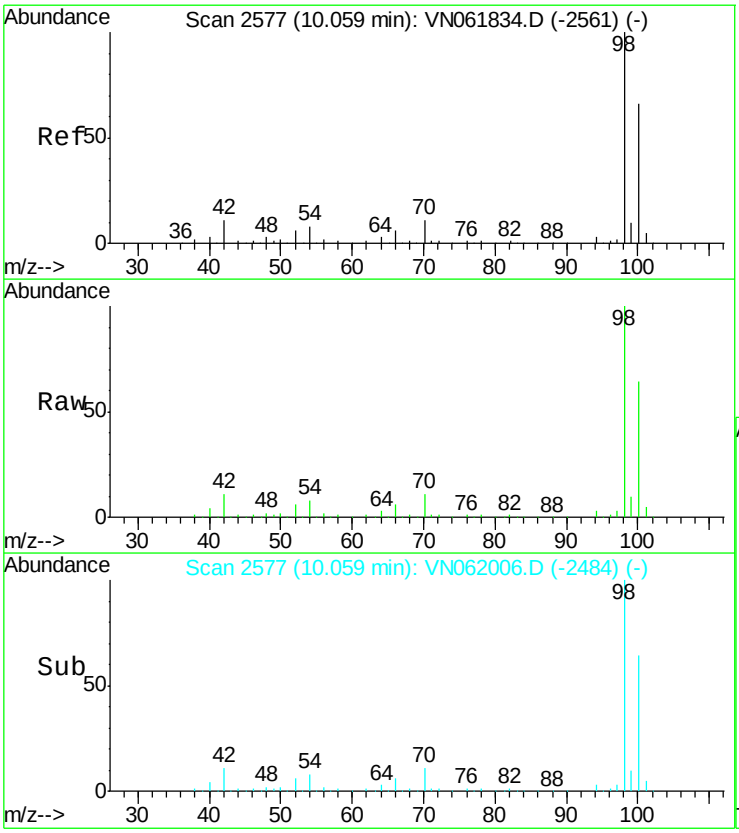
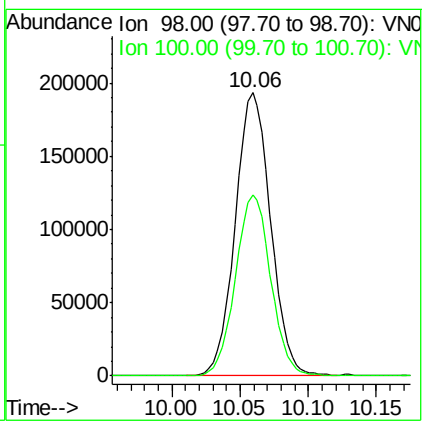
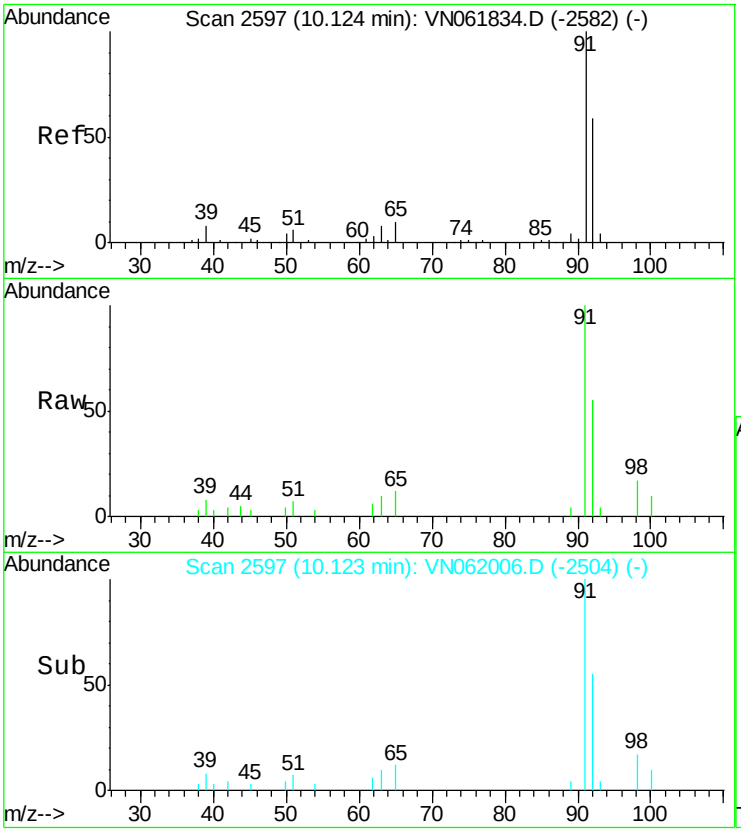


#50
Toluene-d8
Concen: 50.577 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion: 98 Resp: 348567

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.7	79.1





#52
Toluene
Concen: 0.966 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion: 92 Resp: 4592

Ion	Ratio	Lower	Upper
92	100		
91	182.0	137.1	205.7

Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

Manual Integrations APPROVED
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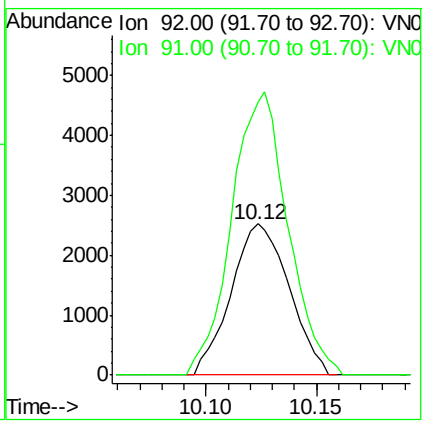
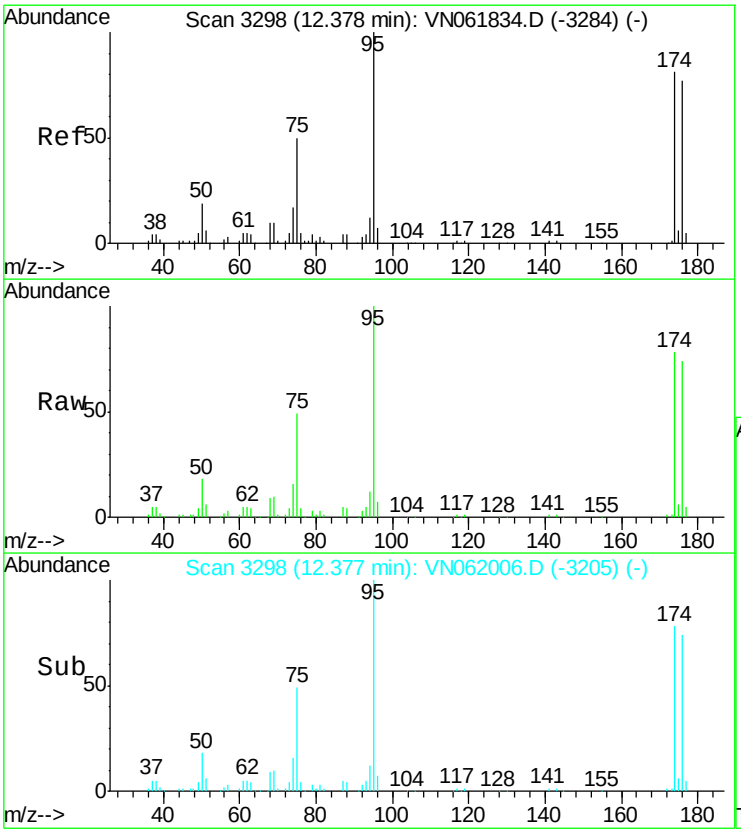
6/23/2020 12:47:41 PM

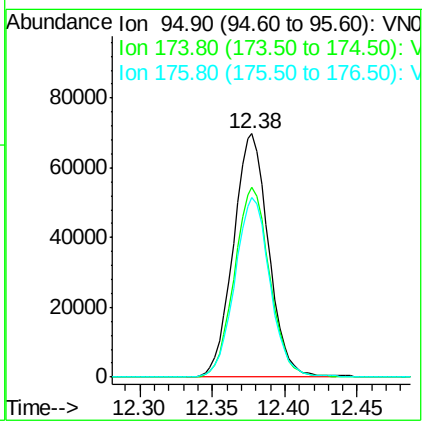


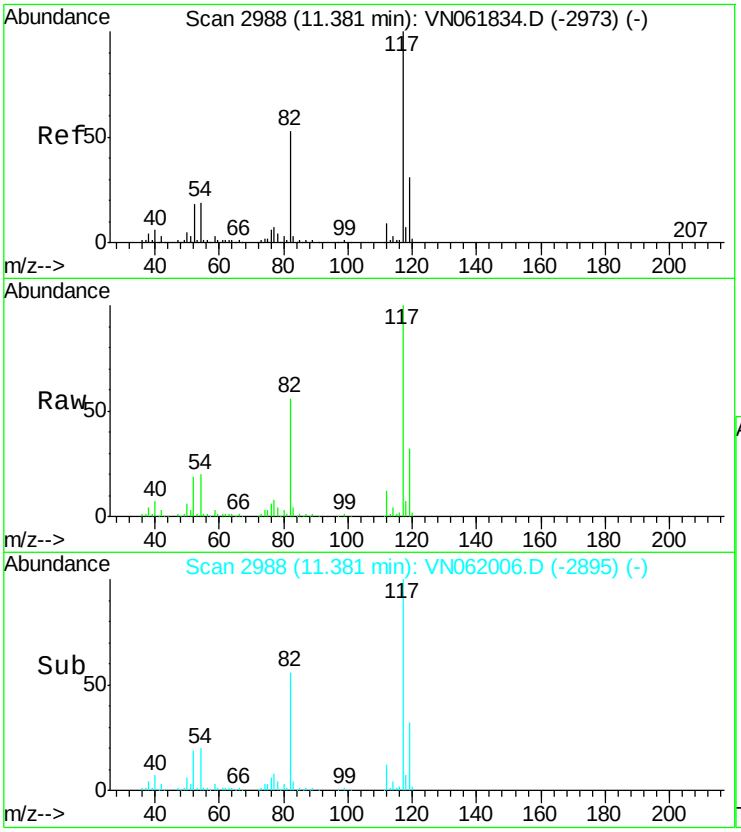


#62
4-Bromofluorobenzene
Concen: 49.826 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion: 95 Resp: 117790

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	158.6
176	73.8	0.0	152.0

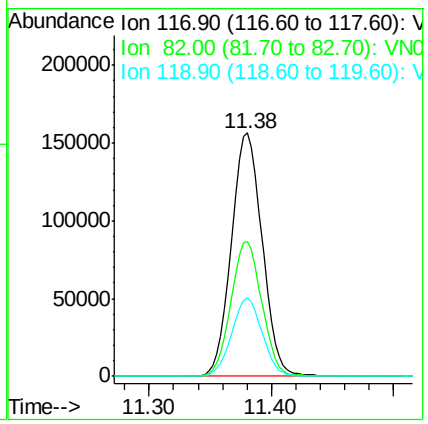




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion:117 Resp: 275070

Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.6	64.0
119	32.4	24.7	37.1



Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

Manual Integrations APPROVED
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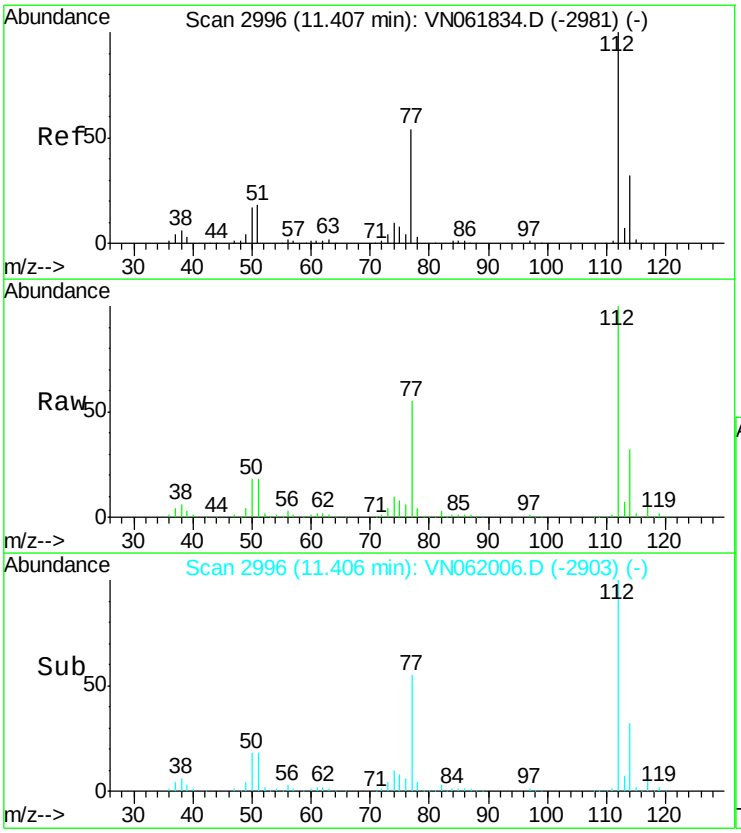
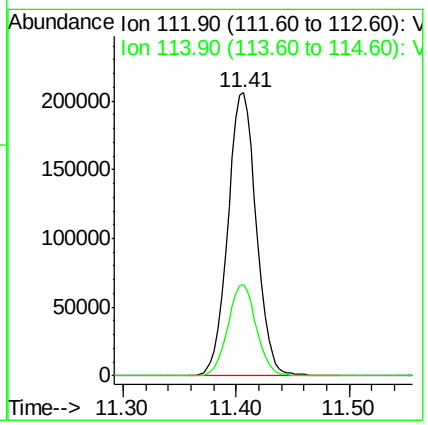
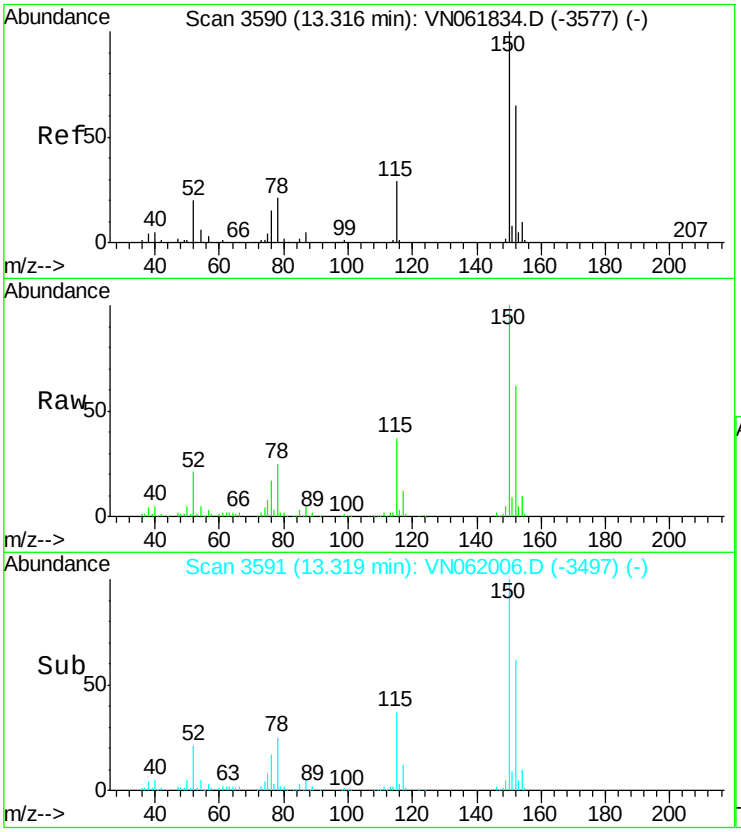


#65
Chlorobenzene
Concen: 62.050 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion:112 Resp: 360149

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.6

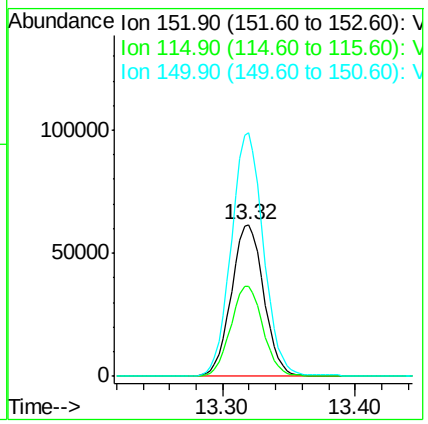




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

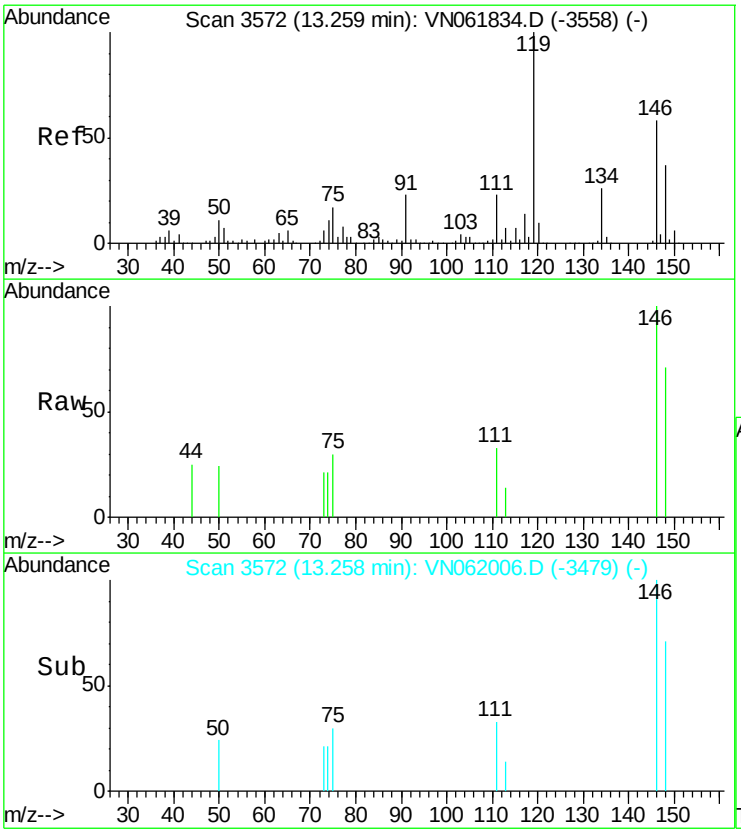
Tgt Ion:152 Resp: 104918

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.1	87.3
150	159.1	0.0	347.6



Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

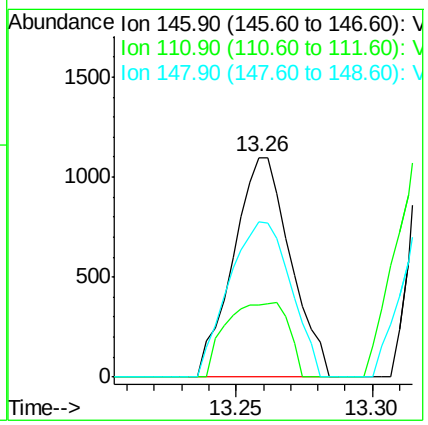
Manual Integrations APPROVED
MMDadoda
6/23/2020 12:47:41 PM

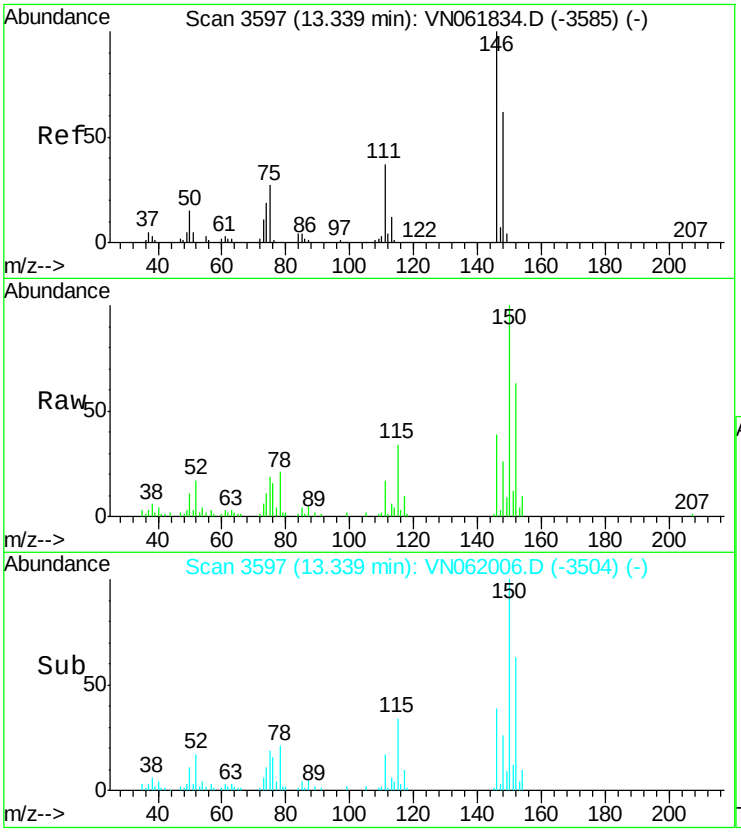


#87
1,3-Dichlorobenzene
Concen: 0.465 ug/l
RT: 13.26 min Scan# 3572
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion:146 Resp: 1596

Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.6	58.8
148	76.5	31.8	95.4

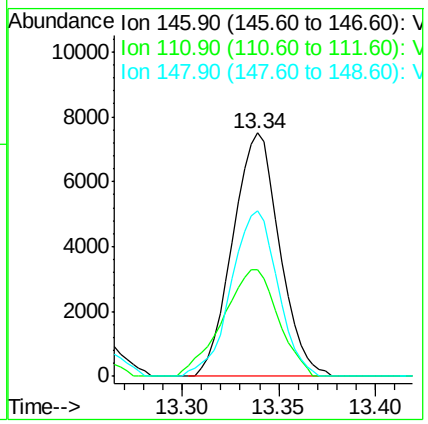




#88
1,4-Dichlorobenzene
Concen: 3.596 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

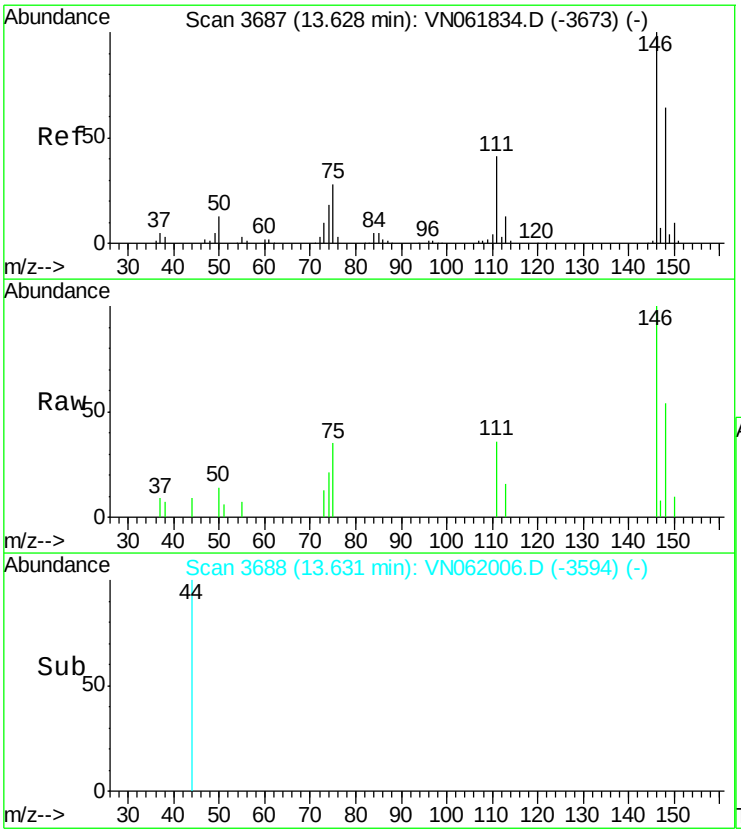
Tgt Ion:146 Resp: 12629

Ion	Ratio	Lower	Upper
146	100		
111	51.7	19.3	57.8
148	67.8	31.6	94.7



Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615DL

Manual Integrations APPROVED
MMDadoda
6/23/2020 12:47:41 PM



#91
1,2-Dichlorobenzene
Concen: 1.376 ug/l
RT: 13.63 min Scan# 3688
Delta R.T. 0.00 min
Lab File: VN062006.D
Acq: 22 Jun 2020 17:55

Tgt Ion:146 Resp: 4545

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.2
148	58.1	31.8	95.4