Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102419\
Data File : VN058940.D
Acq On : 23 Oct 2019 19:04
Operator : JC/SP
Sample : K5508-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S32-0669

Manual Integrations APPROVED
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10/25/2019 2:44:04 PM

Quant Time: Oct 24 02:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	302780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	507634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	178632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	249184	56.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.22%			
35) Dibromofluoromethane	7.57	113	178816	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.16%			
50) Toluene-d8	10.08	98	634437	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.94%			
62) 4-Bromofluorobenzene	12.40	95	208998	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	3634	0.963	ug/l	95
4) Vinyl Chloride	2.17	62	419132	90.286	ug/l	99
12) 1,1-Dichloroethene	3.72	96	1967	0.659	ug/l #	72
16) Acetone	3.80	43	9885	4.505	ug/l #	89
21) trans-1,2-Dichloroethene	5.03	96	13836m	4.197	ug/l	
27) cis-1,2-Dichloroethene	6.81	96	187487	49.790	ug/l	89
44) Trichloroethene	8.82	130	17654	4.749	ug/l	100
73) Isopropylbenzene	12.25	105	5677	0.435	ug/l	88
78) n-propylbenzene	12.60	91	11170	0.724	ug/l	99
85) sec-Butylbenzene	13.17	105	8537	0.683	ug/l	85

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102419\
Data File : VN058940.D
Acq On : 23 Oct 2019 19:04
Operator : JC/SP
Sample : K5508-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 24 02:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
S32-0669

Manual Integrations APPROVED
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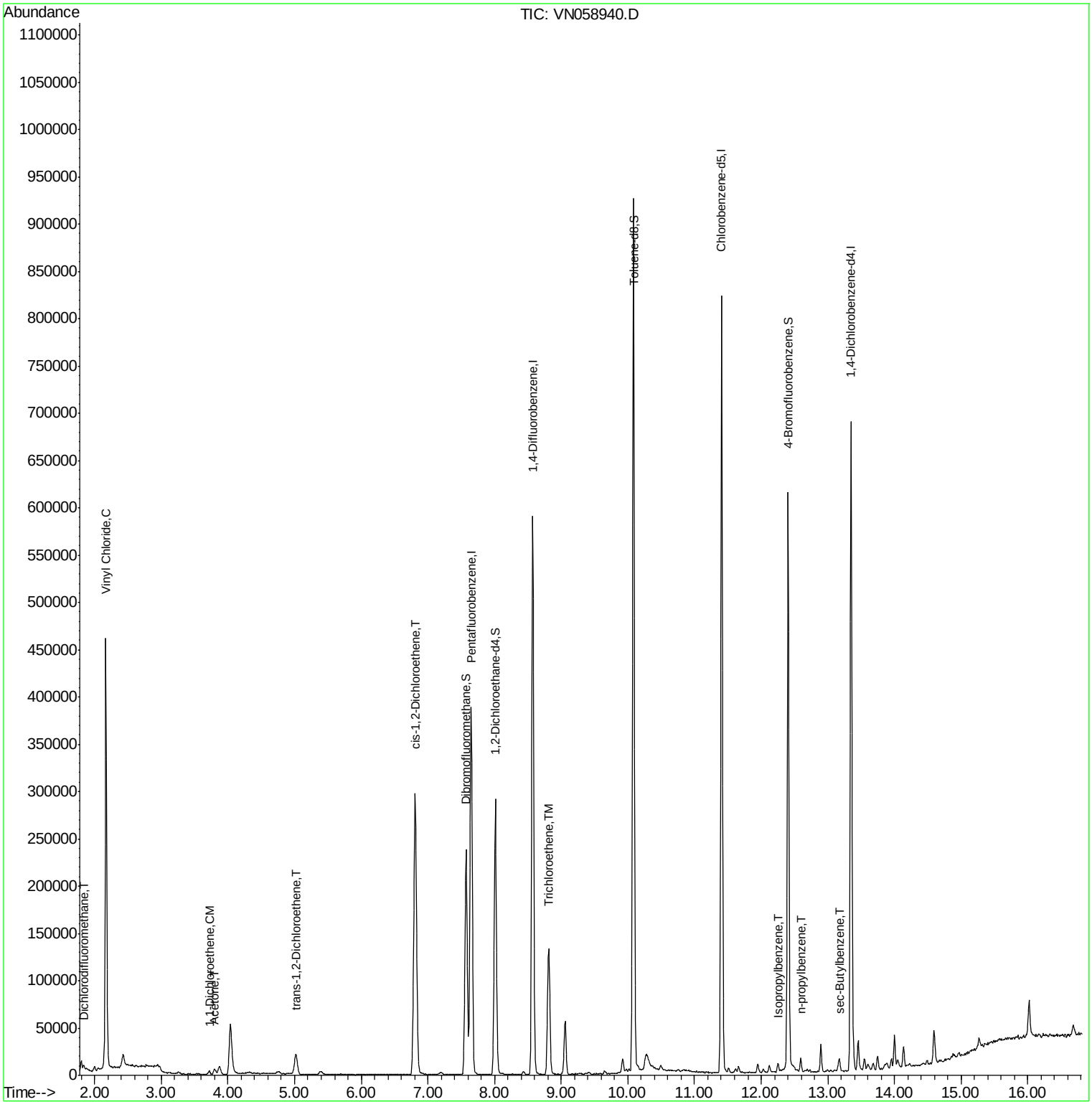
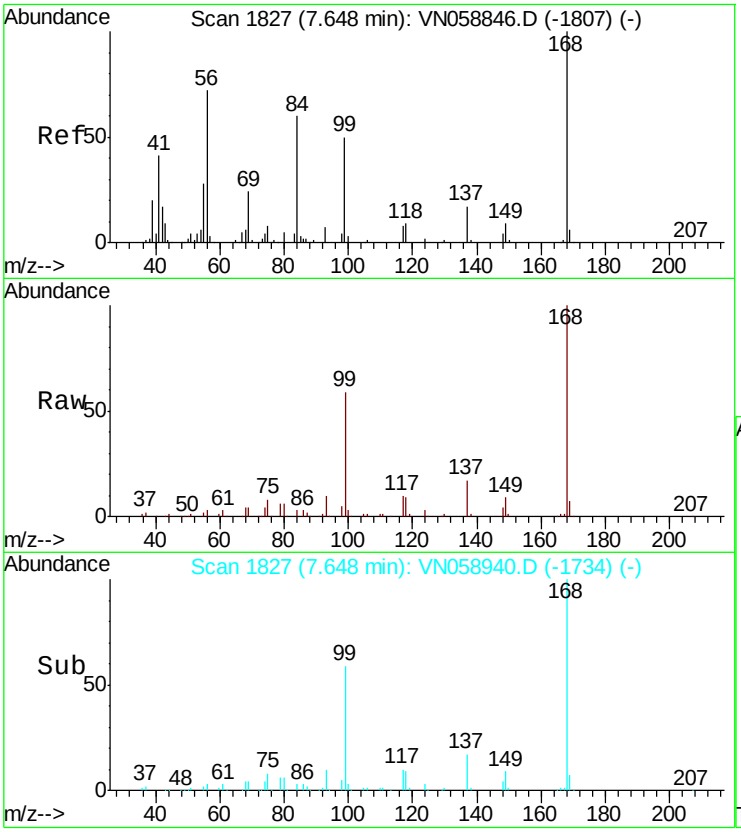
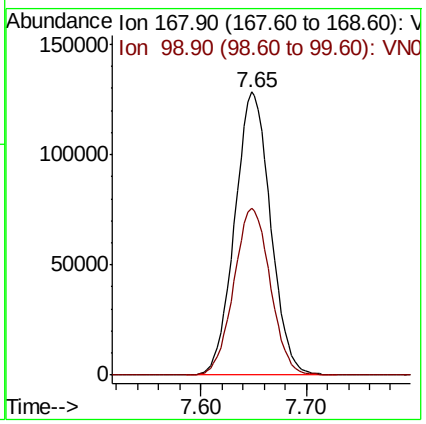




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:168 Resp: 302780

Ion	Ratio	Lower	Upper
168	100		
99	59.1	48.1	72.1



Instrument :
MSVOA_N
ClientSampleId :
S32-0669

Manual Integrations APPROVED
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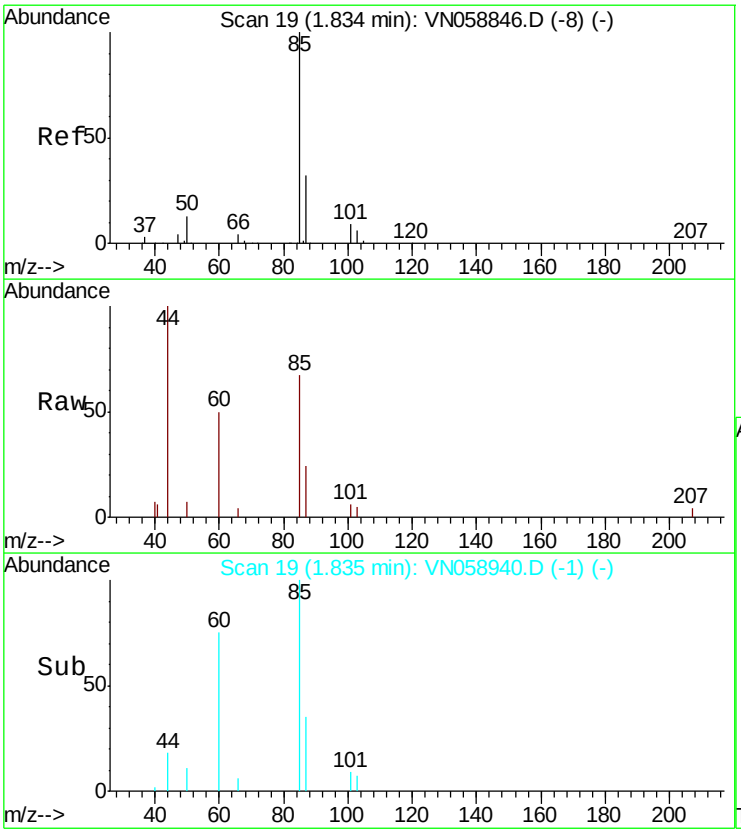
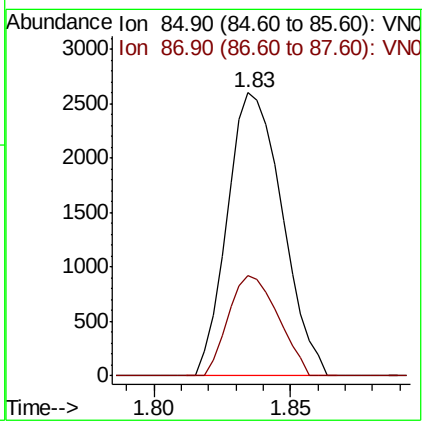
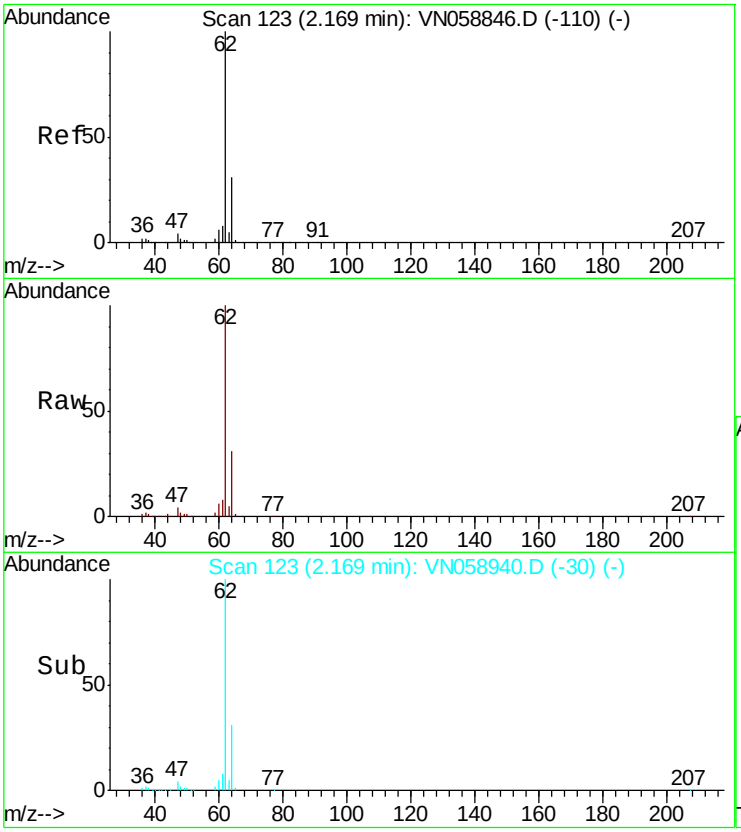


#2
Dichlorodifluoromethane
Concen: 0.963 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 85 Resp: 3634

Ion	Ratio	Lower	Upper
85	100		
87	35.3	16.2	48.5

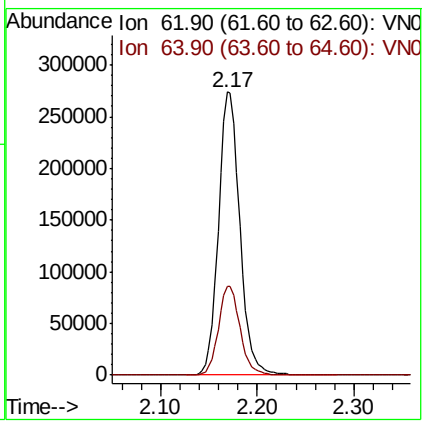




#4
Vinyl Chloride
Concen: 90.286 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 62 Resp: 419132

Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.6	36.8



Instrument :
MSVOA_N
ClientSampleId :
S32-0669

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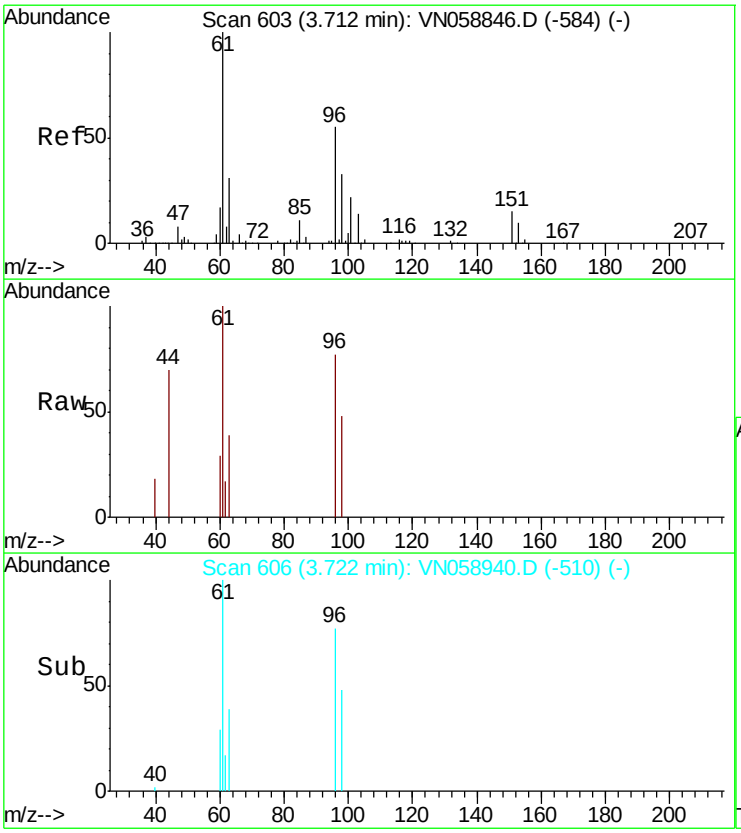
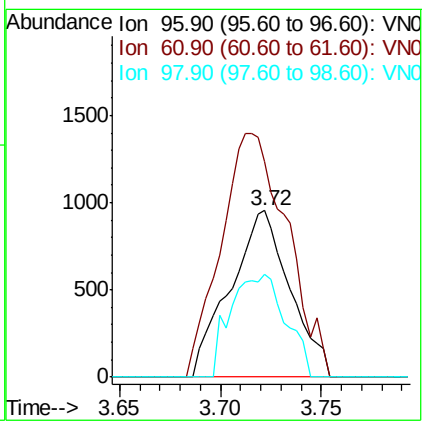
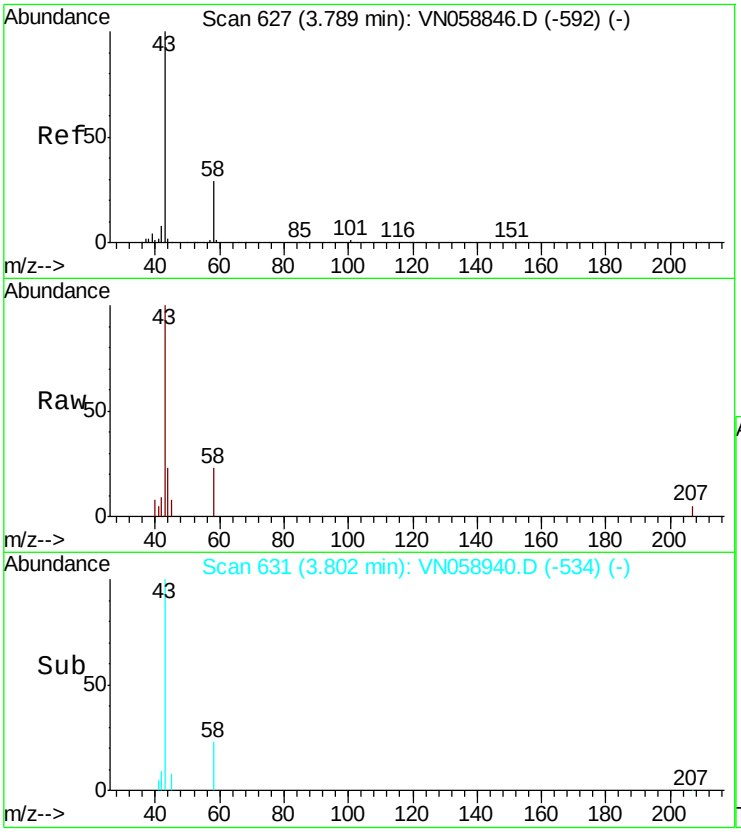


#12
1,1-Dichloroethene
Concen: 0.659 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.01 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 96 Resp: 1967

Ion	Ratio	Lower	Upper
96	100		
61	129.3	146.2	219.2#
98	62.0	48.7	73.1





#16
Acetone
Concen: 4.505 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 43 Resp: 9885

Ion	Ratio	Lower	Upper
43	100		
58	22.9	23.1	34.7#

Instrument :
MSVOA_N
ClientSampleId :
S32-0669

Manual Integrations APPROVED
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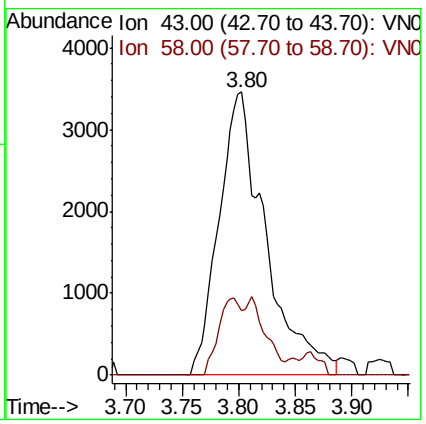
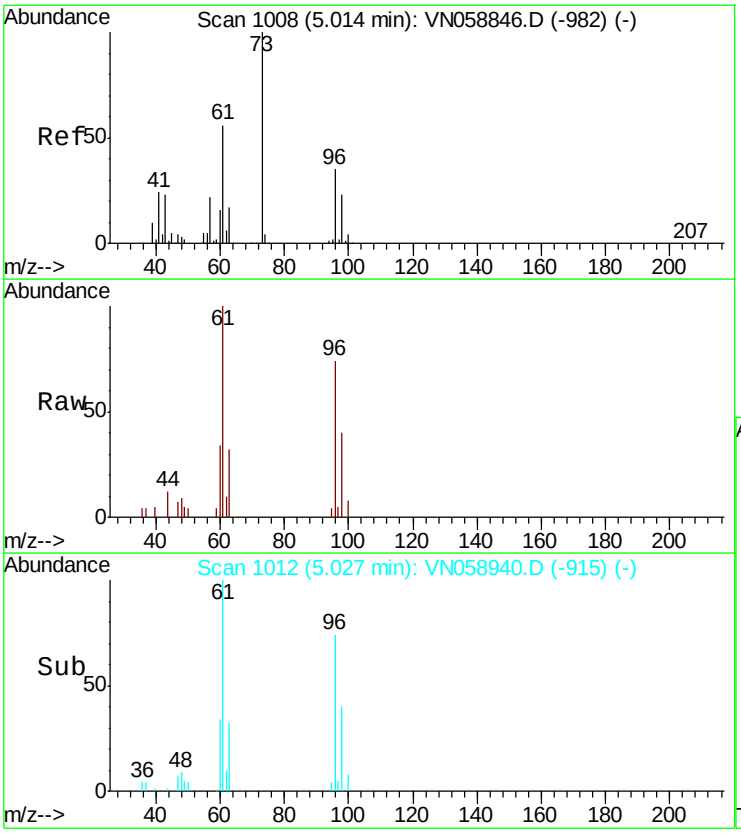
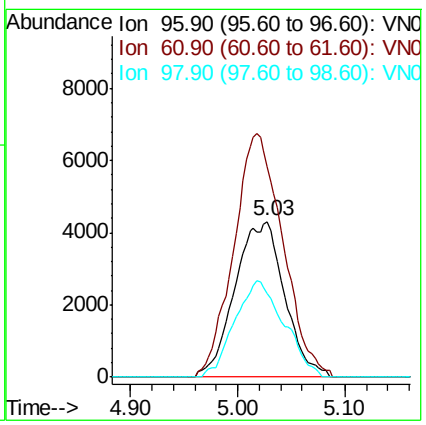


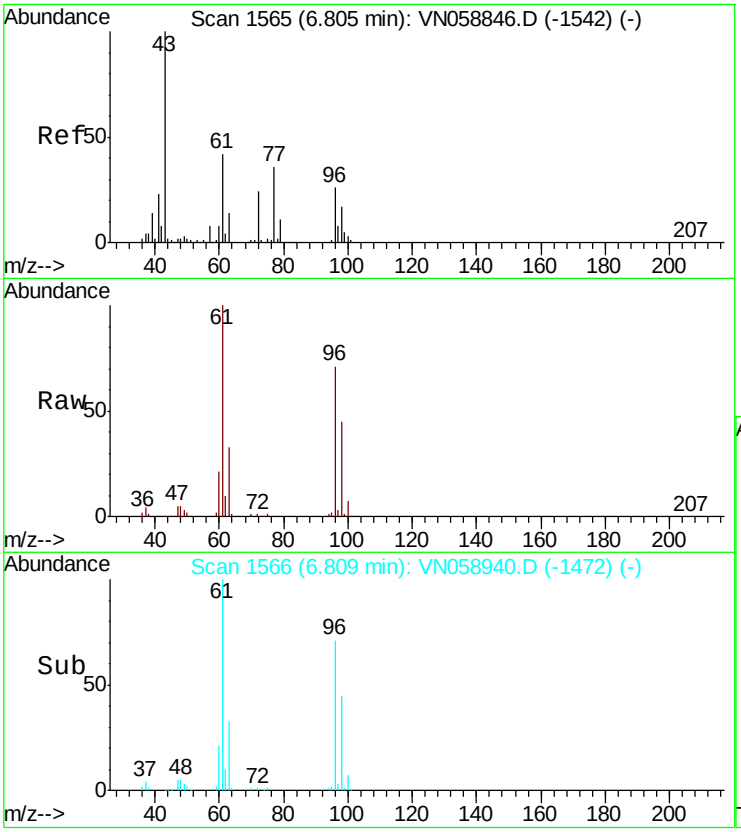


#21
trans-1,2-Dichloroethene
Concen: 4.197 ug/l m
RT: 5.03 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 96 Resp: 13836

Ion	Ratio	Lower	Upper
96	100		
61	135.5	126.7	190.1
98	54.1	52.0	78.0

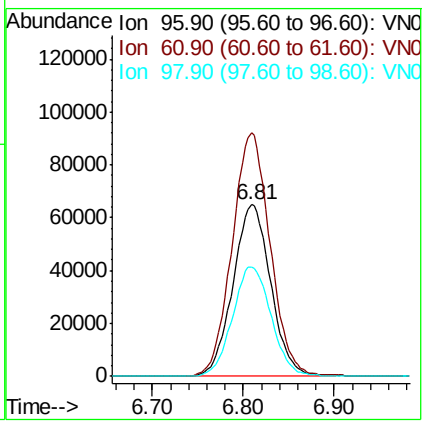




#27
cis-1,2-Dichloroethene
Concen: 49.790 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 96 Resp: 187487

Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	325.0
98	65.1	0.0	128.0



Instrument :
MSVOA_N
ClientSampleId :
S32-0669

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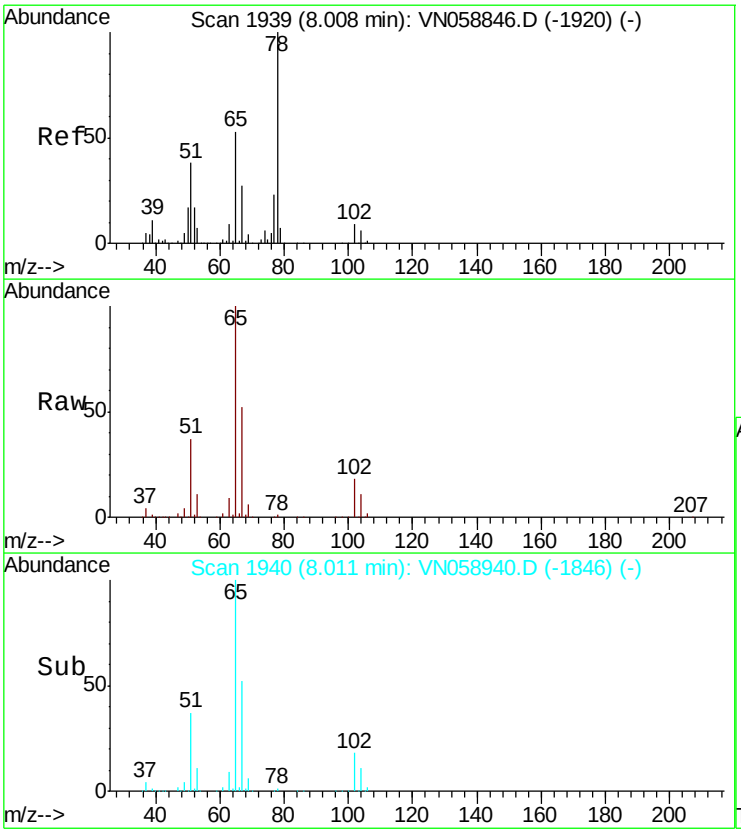
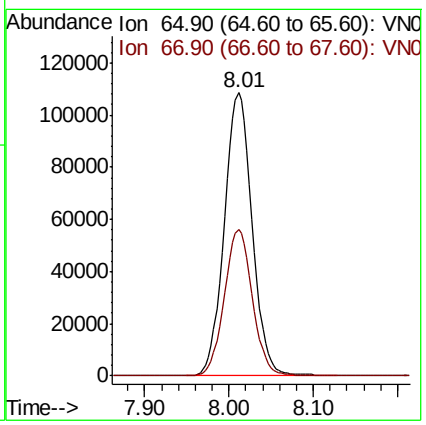
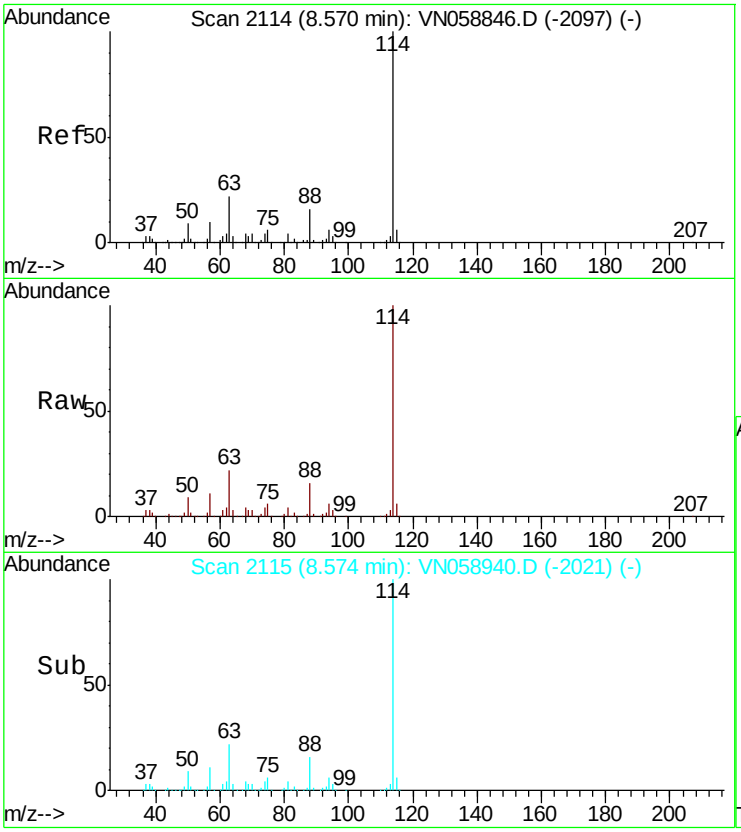


#33
1,2-Dichloroethane-d4
Concen: 56.113 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 65 Resp: 249184

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.2

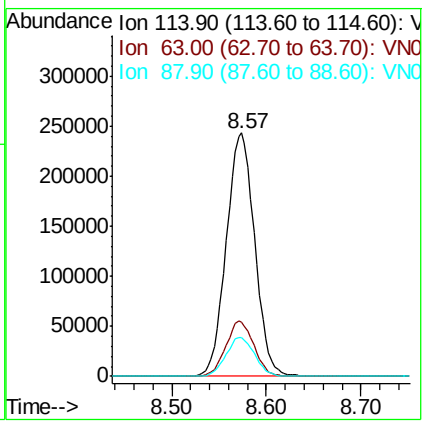




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:114 Resp: 507634

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.4
88	15.9	0.0	31.4



Instrument :
MSVOA_N
ClientSampleId :
S32-0669

Manual Integrations APPROVED
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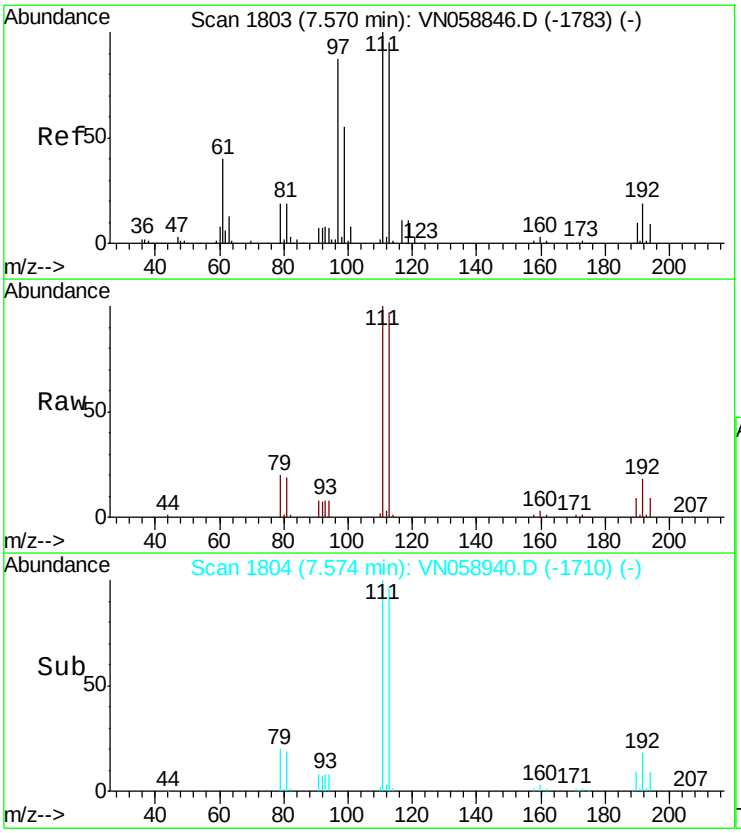
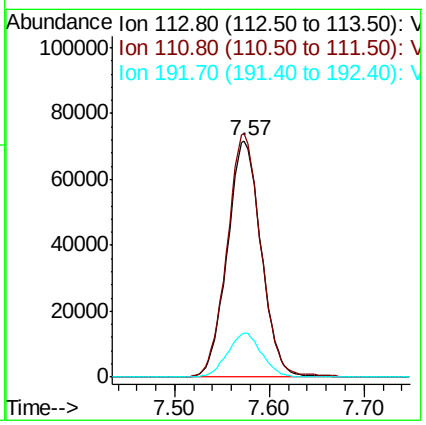
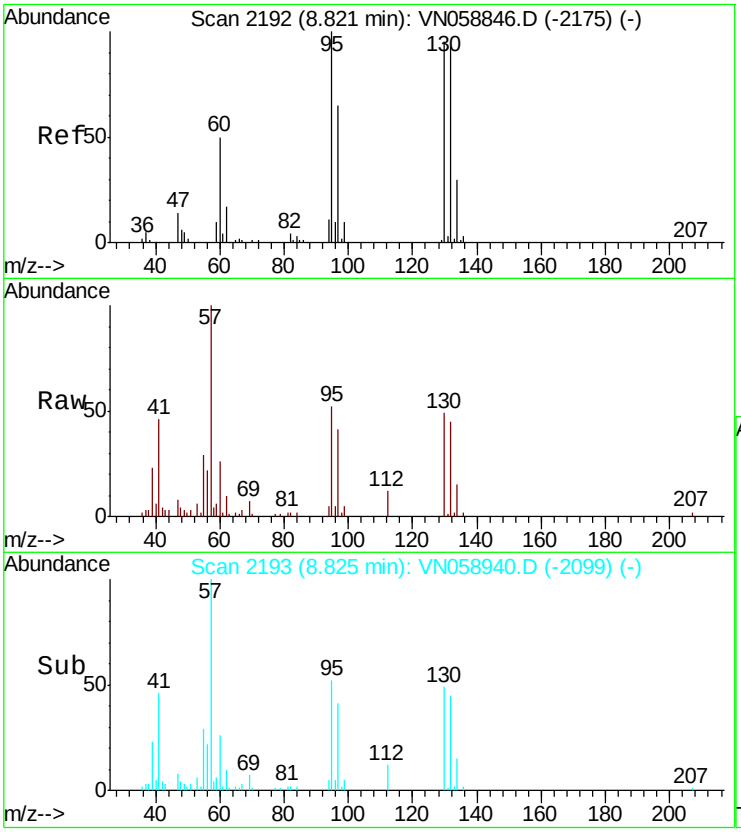


#35
Dibromofluoromethane
Concen: 53.577 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:113 Resp: 178816

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	18.7	15.0	22.6

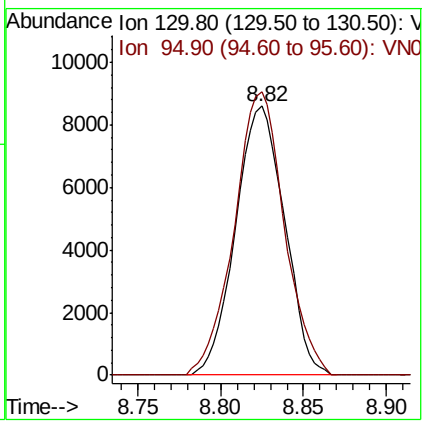




#44
Trichloroethene
Concen: 4.749 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:130 Resp: 17654

Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	209.6



Instrument :
MSVOA_N
ClientSampleId :
S32-0669

Manual Integrations APPROVED
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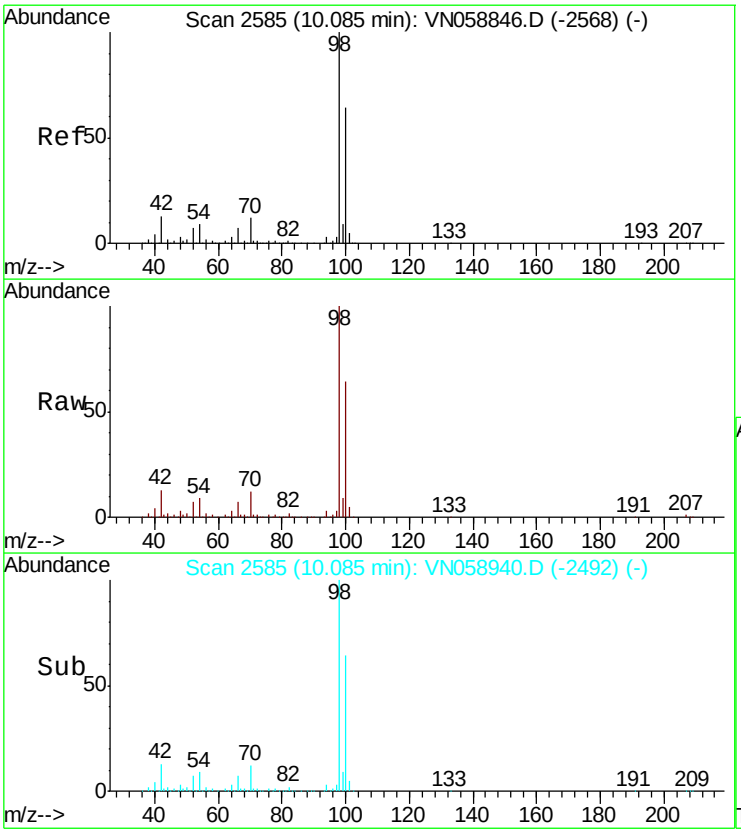
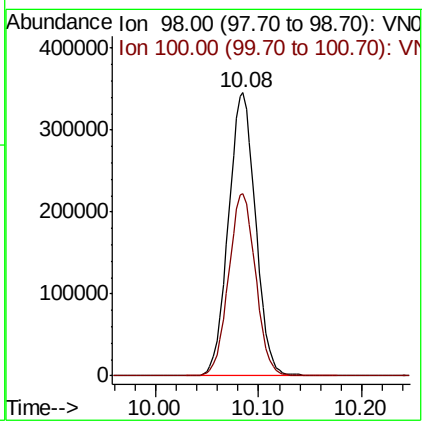
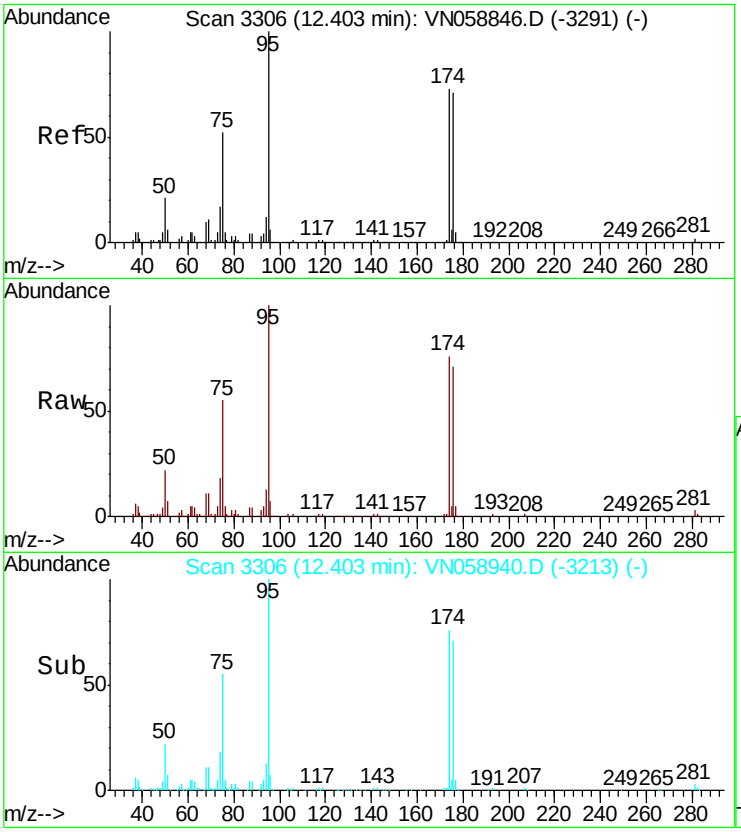


#50
Toluene-d8
Concen: 48.969 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 98 Resp: 634437

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.2

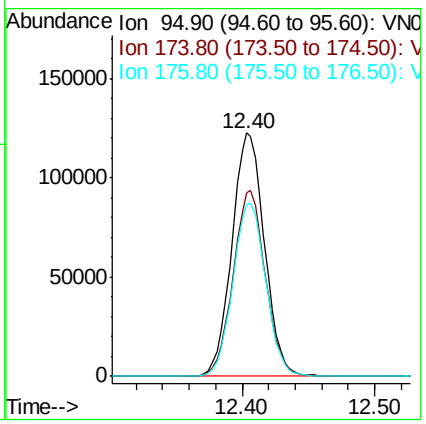




#62
4-Bromofluorobenzene
Concen: 43.928 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 95 Resp: 208998

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	147.6
176	71.9	0.0	143.2



Instrument :
MSVOA_N
ClientSampleId :
S32-0669

Manual Integrations APPROVED
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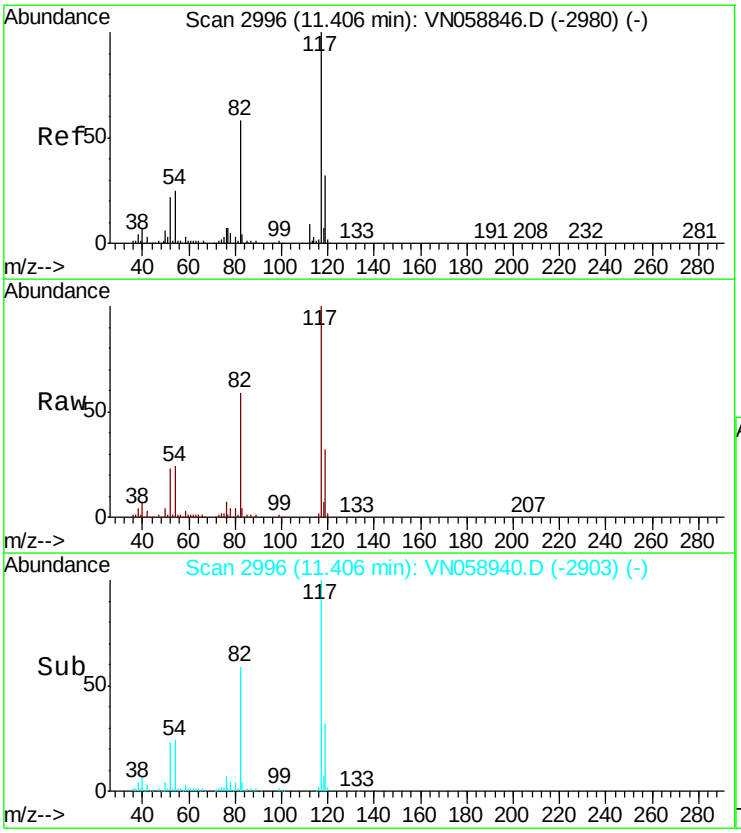
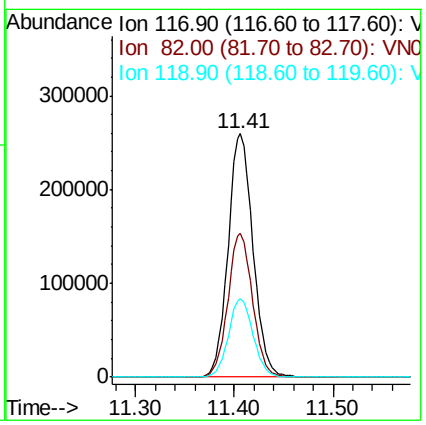
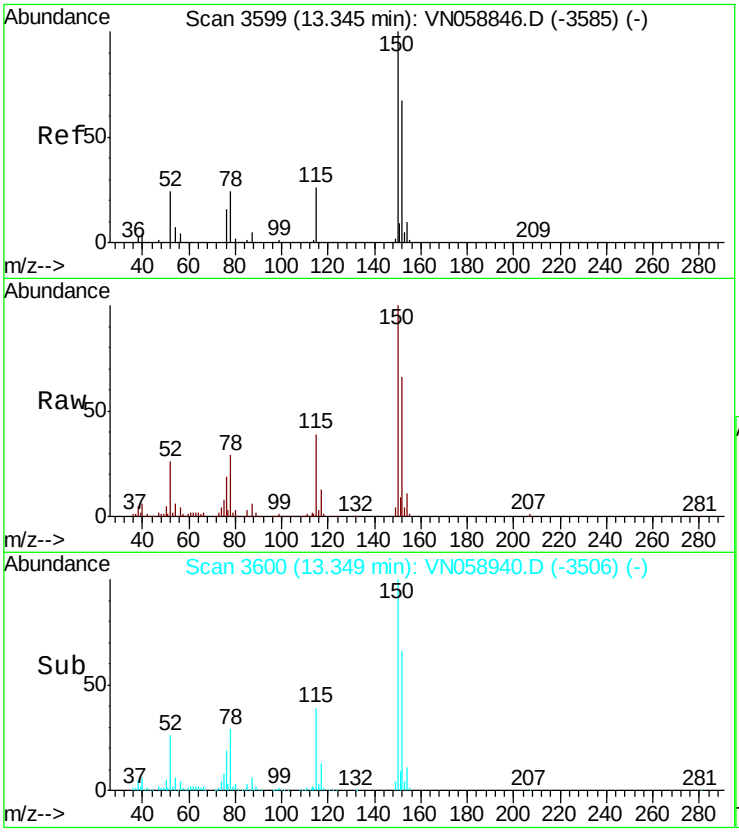


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:117 Resp: 456784

Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.6	69.8
119	32.1	25.6	38.4

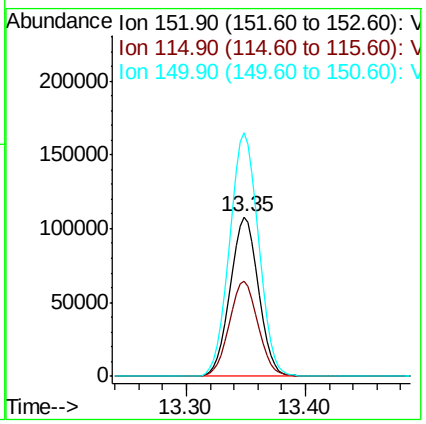




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:152 Resp: 178632

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.5	91.5
150	155.8	0.0	344.4



Instrument :
MSVOA_N
ClientSampleId :
S32-0669

Manual Integrations APPROVED
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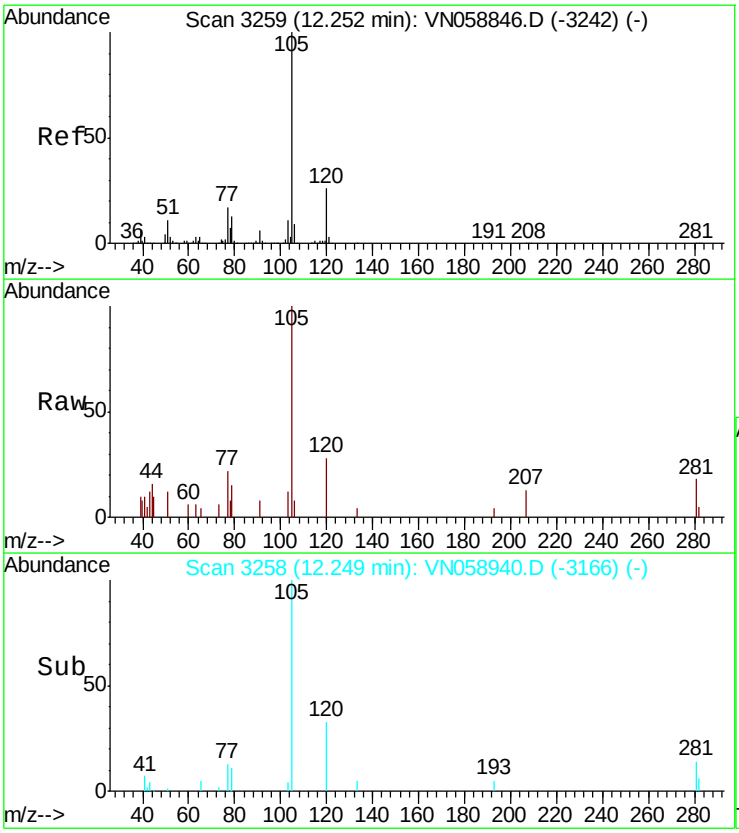
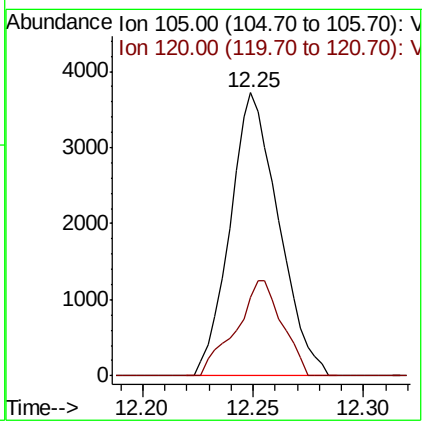
10/25/2019 2:44:04 PM

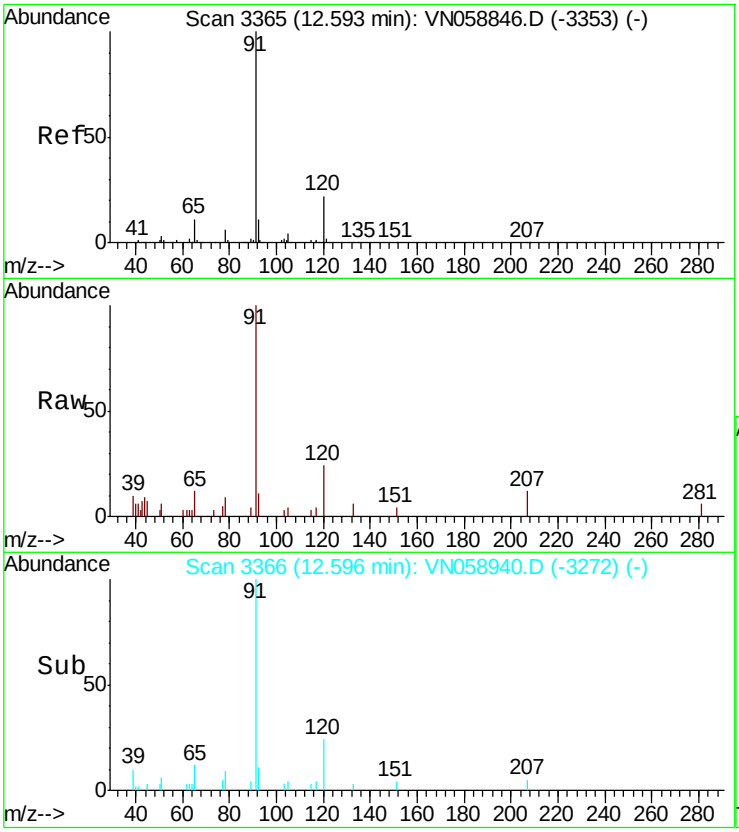


#73
Isopropylbenzene
Concen: 0.435 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:105 Resp: 5677

Ion	Ratio	Lower	Upper
105	100		
120	31.8	12.8	38.4





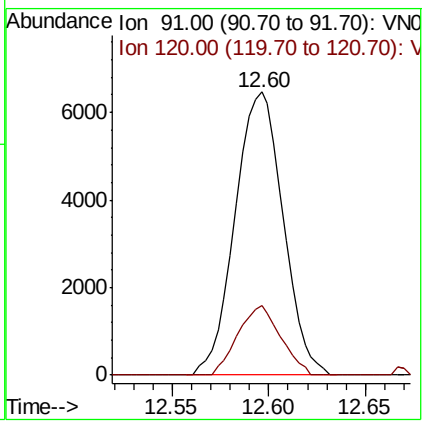
#78
n-propylbenzene
Concen: 0.724 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

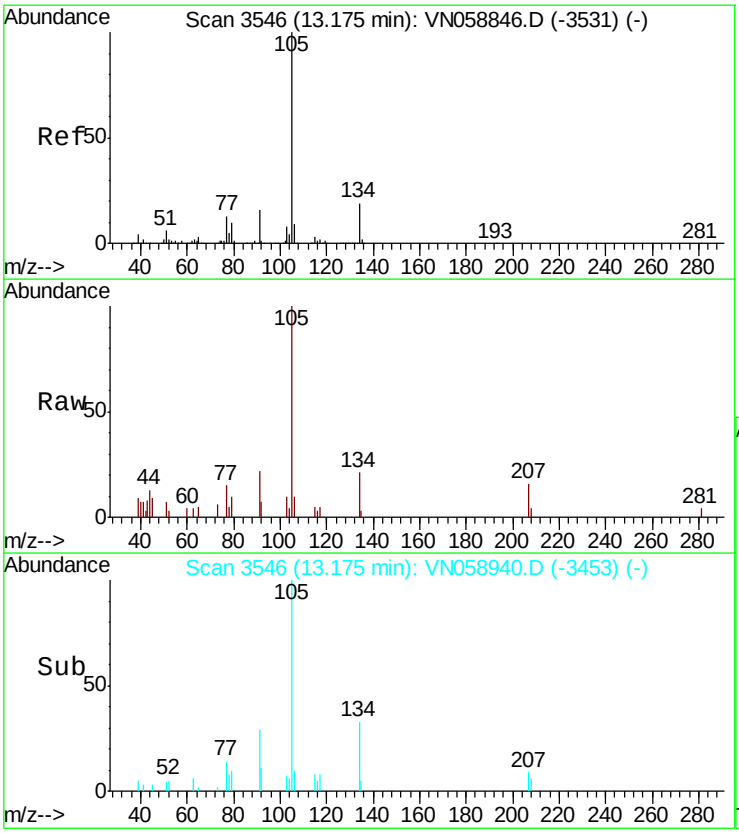
Tgt Ion: 91 Resp: 11170

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.1

Instrument :
MSVOA_N
ClientSampleId :
S32-0669

Manual Integrations APPROVED
MMDadoda
10/25/2019 2:44:04 PM





#85
sec-Butylbenzene
Concen: 0.683 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:105 Resp: 8537

Ion	Ratio	Lower	Upper
105	100		
134	25.3	9.4	28.2