Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011719\
Data File : VX007087.D
Acq On : 17 Jan 2019 14:29
Operator : JC/SP
Sample : K1168-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

Manual Integrations APPROVED
MMDadoda
1/18/2019 10:23:39 AM

Quant Time: Jan 18 06:02:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	613257	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	944439	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	865936	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	432715	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	322088	50.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.52%				
35) Dibromofluoromethane	5.51	113	284154	46.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.96%				
50) Toluene-d8	8.71	98	1119794	50.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.16%				
62) 4-Bromofluorobenzene	11.13	95	400029	51.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.66%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	4576	0.726	ug/l		95
27) cis-1,2-Dichloroethene	4.60	96	80292	11.589	ug/l		92
31) Cyclohexane	5.58	56	73916	8.179	ug/l		92
39) Methylcyclohexane	7.46	83	58219	5.562	ug/l	#	88
40) Benzene	6.15	78	10992	0.439	ug/l	#	84
44) Trichloroethene	7.21	130	86364	11.503	ug/l		99
64) Tetrachloroethene	9.34	164	111612	14.887	ug/l		99
65) Chlorobenzene	10.14	112	318411	16.859	ug/l		99
73) Isopropylbenzene	11.02	105	42413	1.390	ug/l		100
78) n-propylbenzene	11.36	91	41488	1.239	ug/l		97
83) tert-Butylbenzene	11.77	119	28710	1.129	ug/l		93
85) sec-Butylbenzene	11.94	105	48055	1.582	ug/l		97
87) 1,3-Dichlorobenzene	12.02	146	5149	0.339	ug/l		93
88) 1,4-Dichlorobenzene	12.10	146	23448m	1.769	ug/l		
89) n-Butylbenzene	12.39	91	14508	0.626	ug/l	#	67
91) 1,2-Dichlorobenzene	12.39	146	6602	0.440	ug/l		97
95) Naphthalene	13.83	128	9783	0.314	ug/l	#	76

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011719\
Data File : VX007087.D
Acq On : 17 Jan 2019 14:29
Operator : JC/SP
Sample : K1168-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 18 06:02:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

Manual Integrations APPROVED

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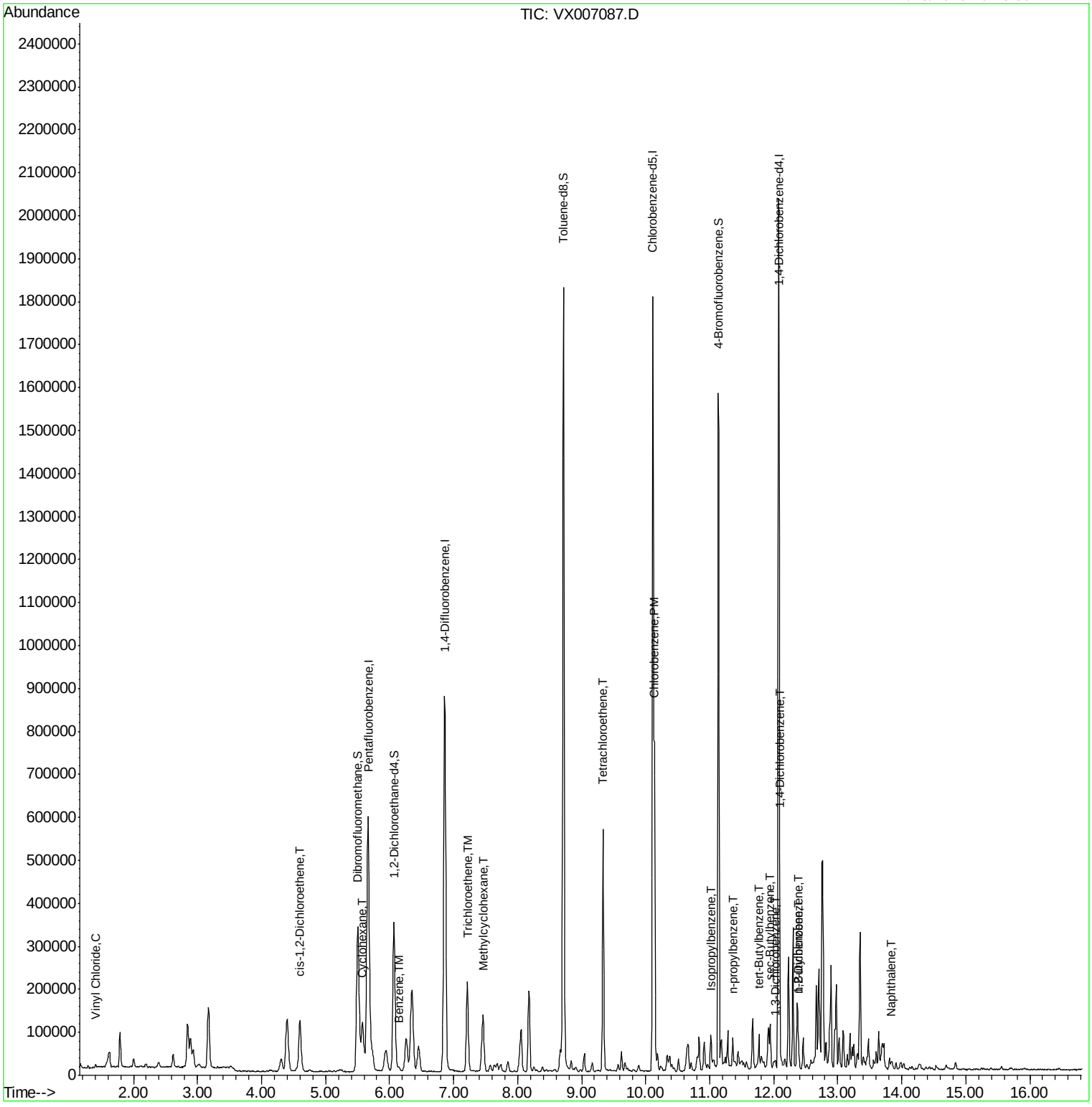
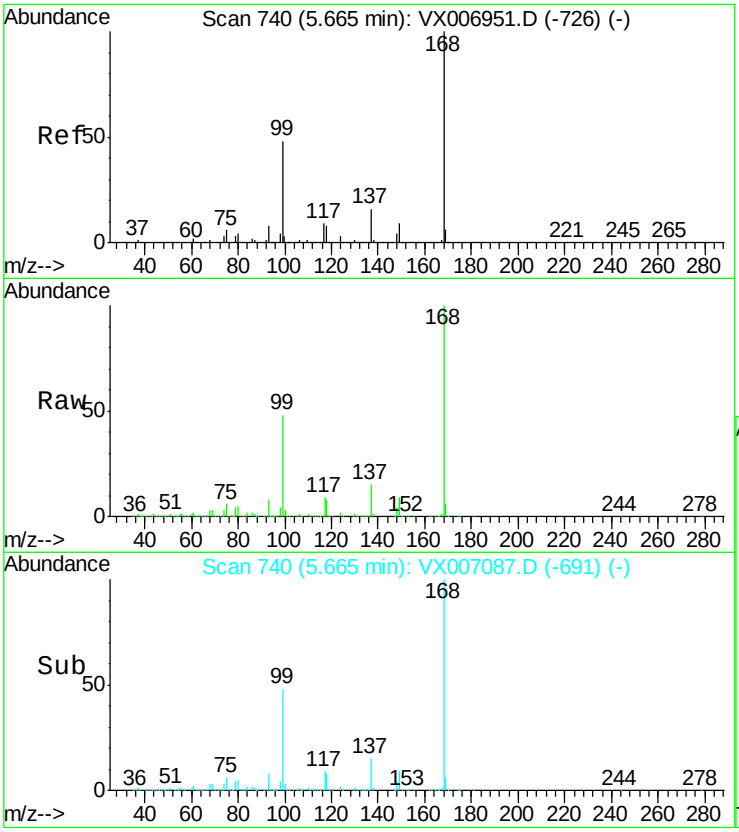
1/18/2019 10:23:39 AM

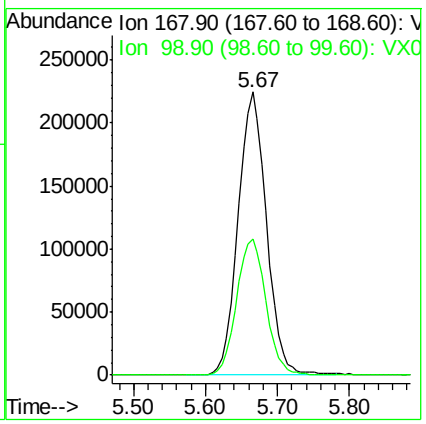




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:168 Resp: 613257

Ion	Ratio	Lower	Upper
168	100		
99	48.3	41.8	62.8

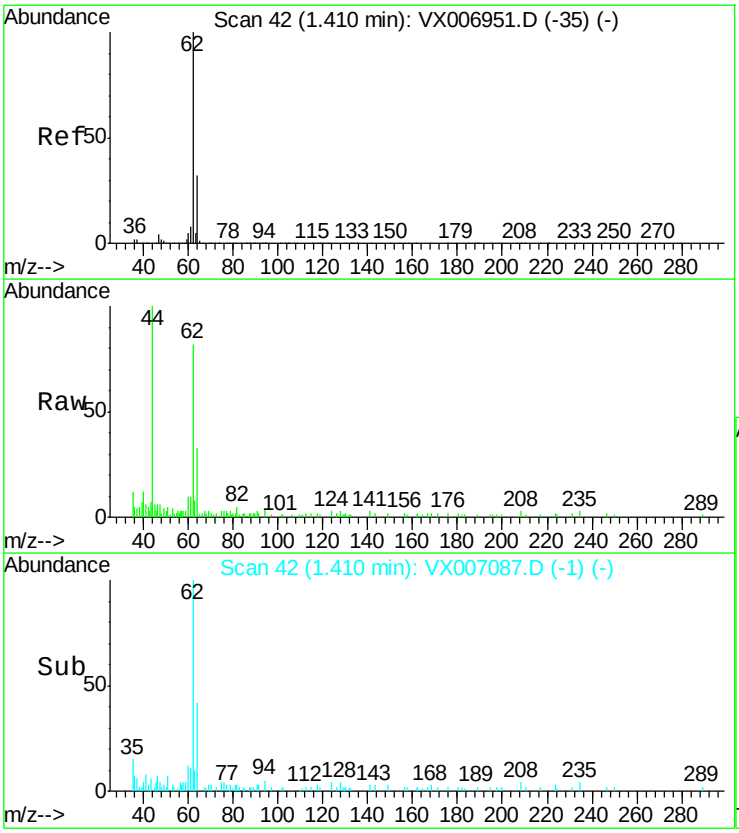


Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

Manual Integrations APPROVED

MMDadoda

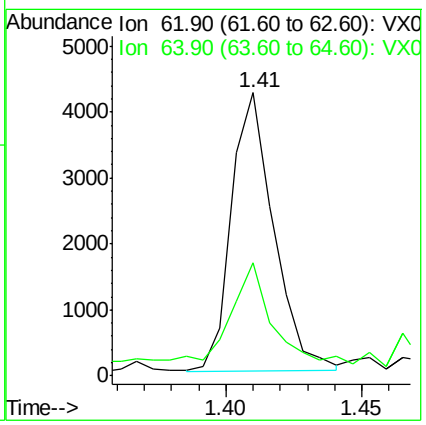
1/18/2019 10:23:39 AM

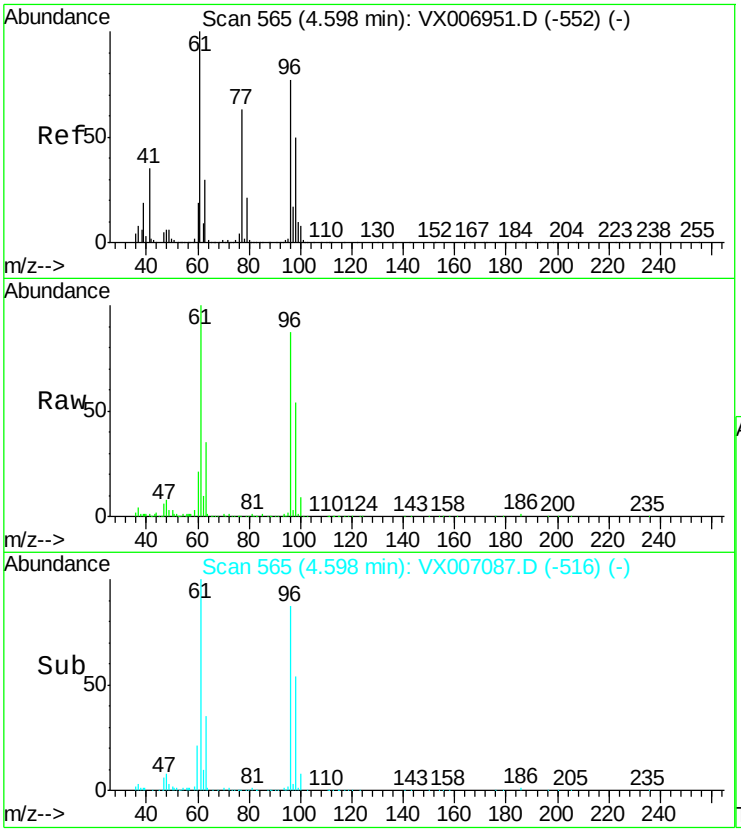


#4
Vinyl Chloride
Concen: 0.726 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 62 Resp: 4576

Ion	Ratio	Lower	Upper
62	100		
64	33.9	25.1	37.7

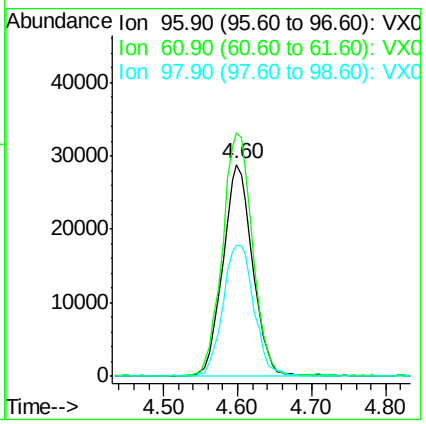




#27
cis-1,2-Dichloroethene
Concen: 11.589 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 96 Resp: 80292

Ion	Ratio	Lower	Upper
96	100		
61	116.9	0.0	258.6
98	64.7	0.0	132.0

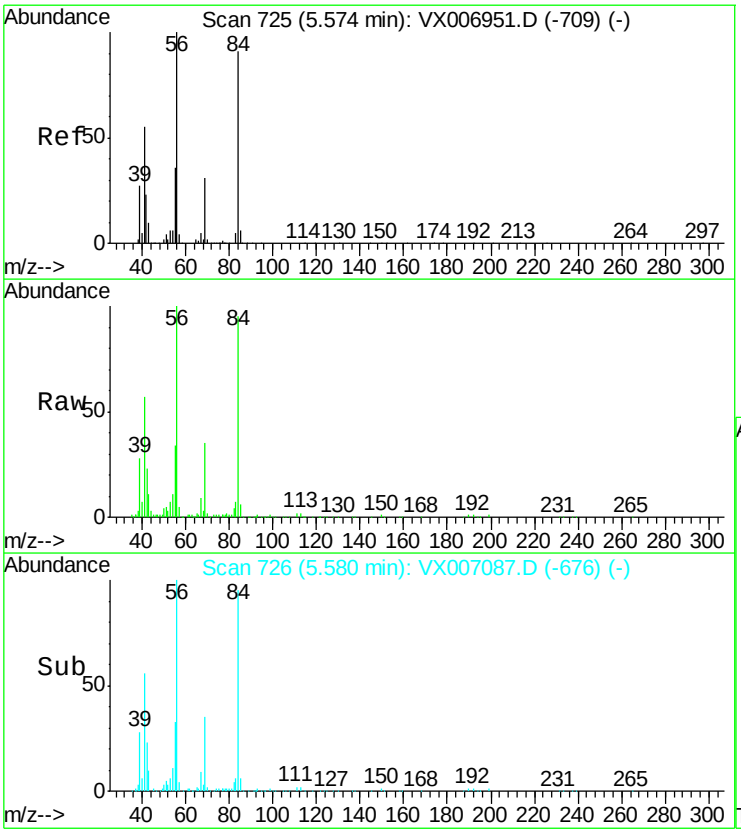


Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

Manual Integrations APPROVED

MMDadoda

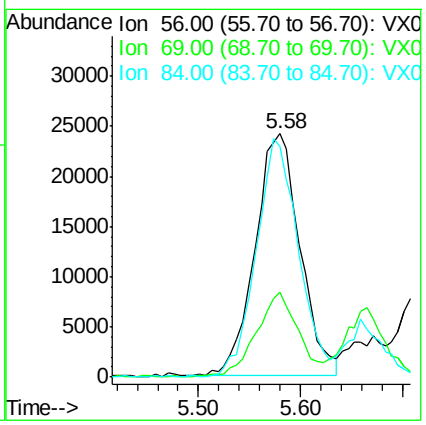
1/18/2019 10:23:39 AM

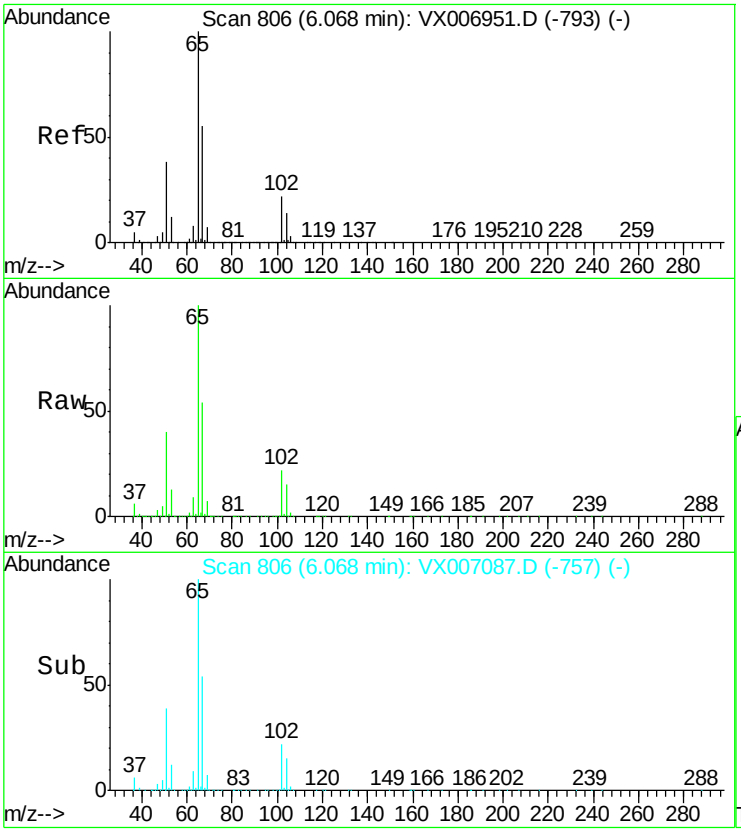


#31
Cyclohexane
Concen: 8.179 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 56 Resp: 73916

Ion	Ratio	Lower	Upper
56	100		
69	34.7	24.4	36.6
84	95.4	70.0	105.0

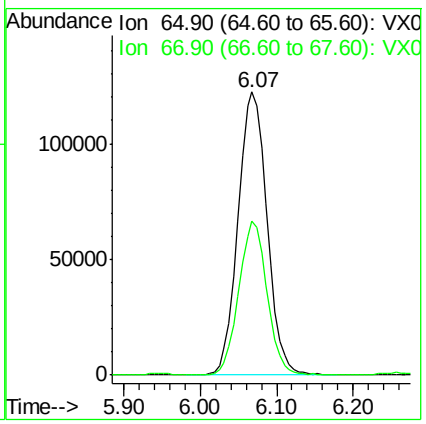




#33
1,2-Dichloroethane-d4
Concen: 50.255 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 65 Resp: 322088

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

Manual Integrations APPROVED

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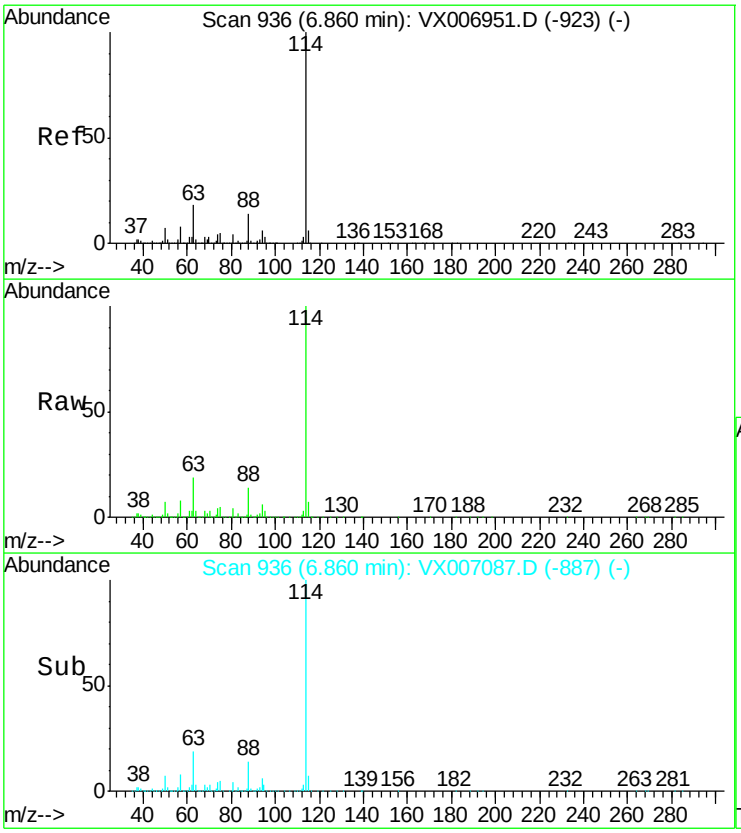
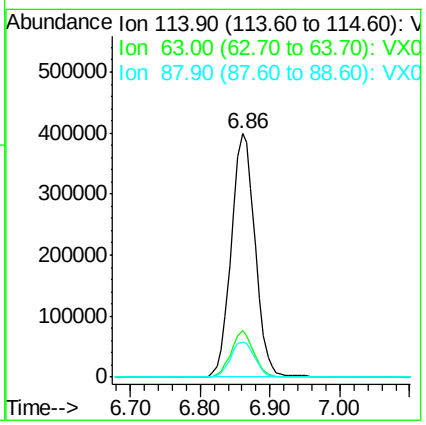
1/18/2019 10:23:39 AM

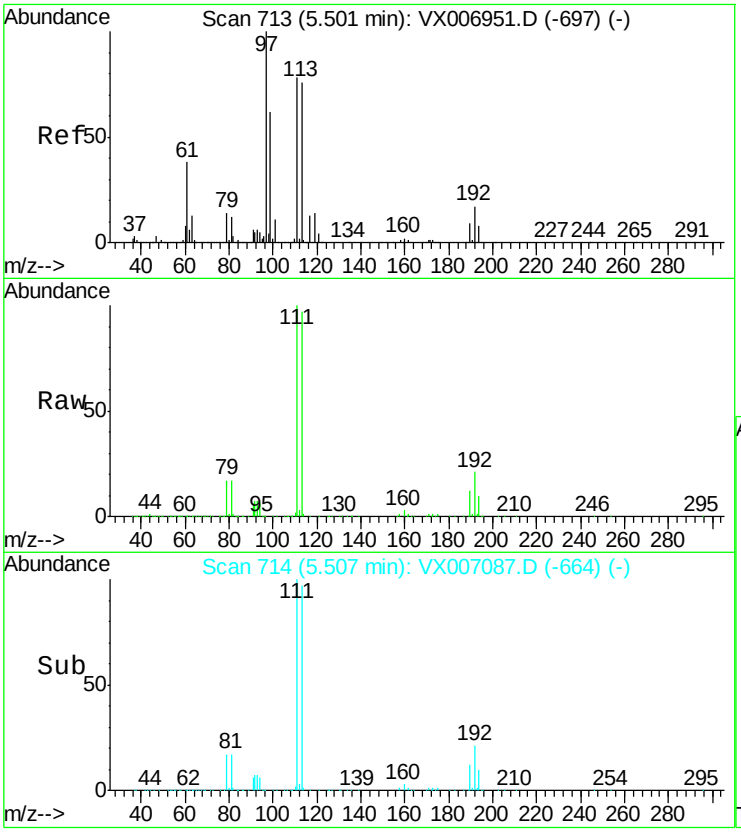


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:114 Resp: 944439

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.8
88	14.2	0.0	28.8

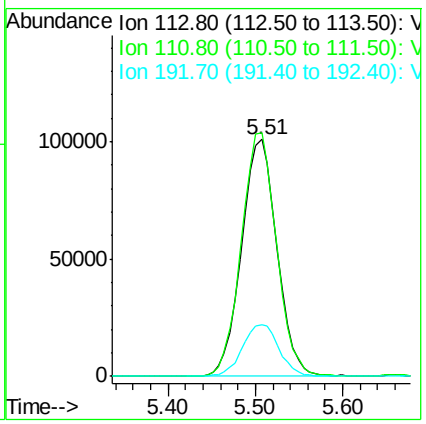




#35
Dibromofluoromethane
Concen: 46.982 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:113 Resp: 284154

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.6	122.4
192	22.6	16.7	25.1



Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

Manual Integrations APPROVED

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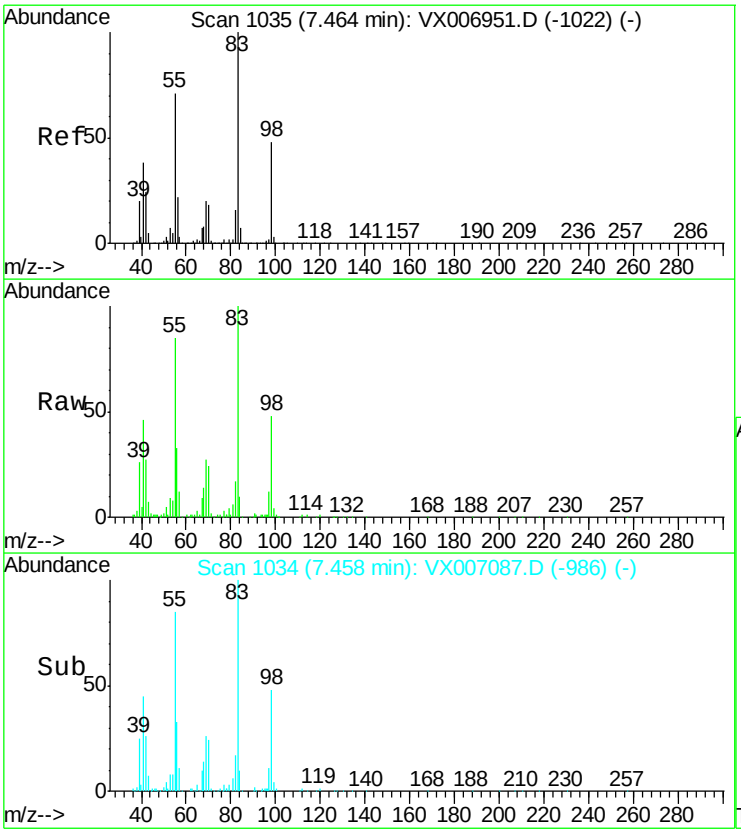
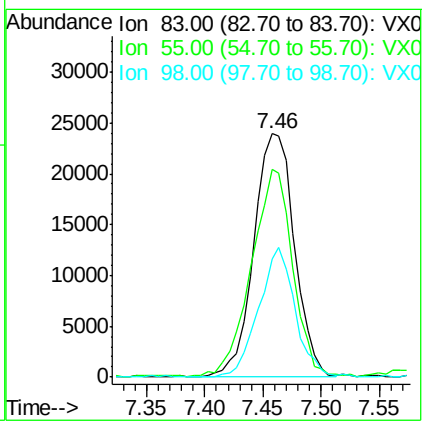
1/18/2019 10:23:39 AM

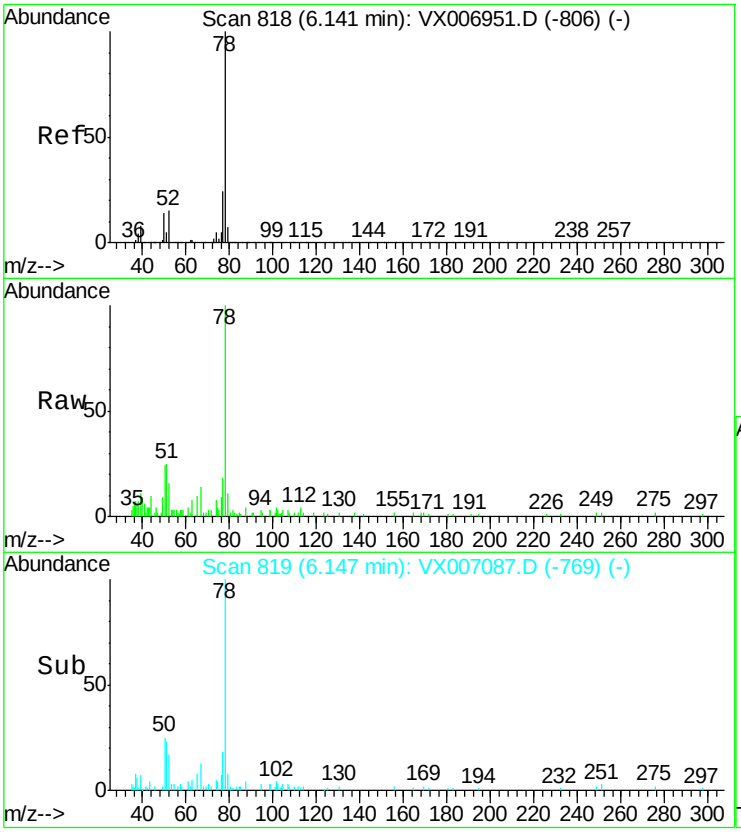


#39
Methylcyclohexane
Concen: 5.562 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 83 Resp: 58219

Ion	Ratio	Lower	Upper
83	100		
55	84.9	54.9	82.3#
98	48.3	37.9	56.9

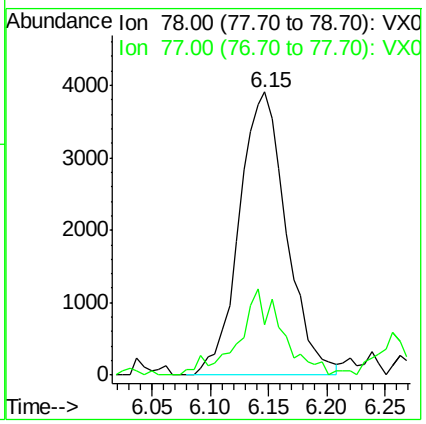




#40
Benzene
Concen: 0.439 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 78 Resp: 10992

Ion	Ratio	Lower	Upper
78	100		
77	16.0	19.2	28.8#



Instrument :
MSVOA_X
ClientSampleId :
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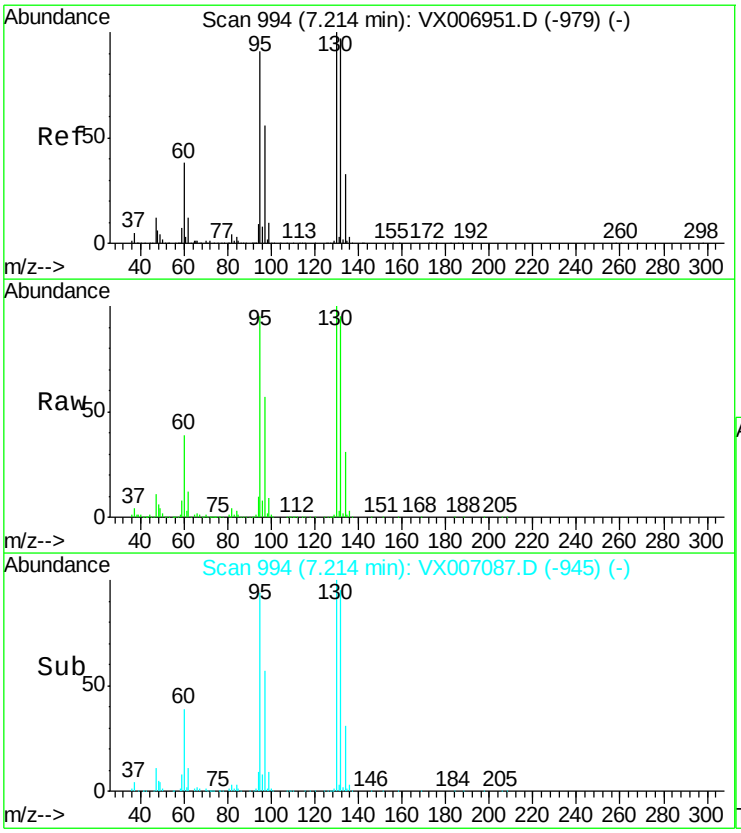
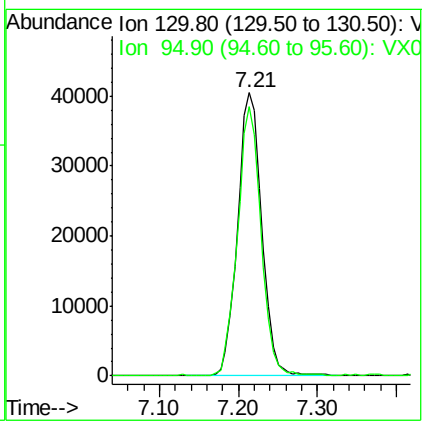
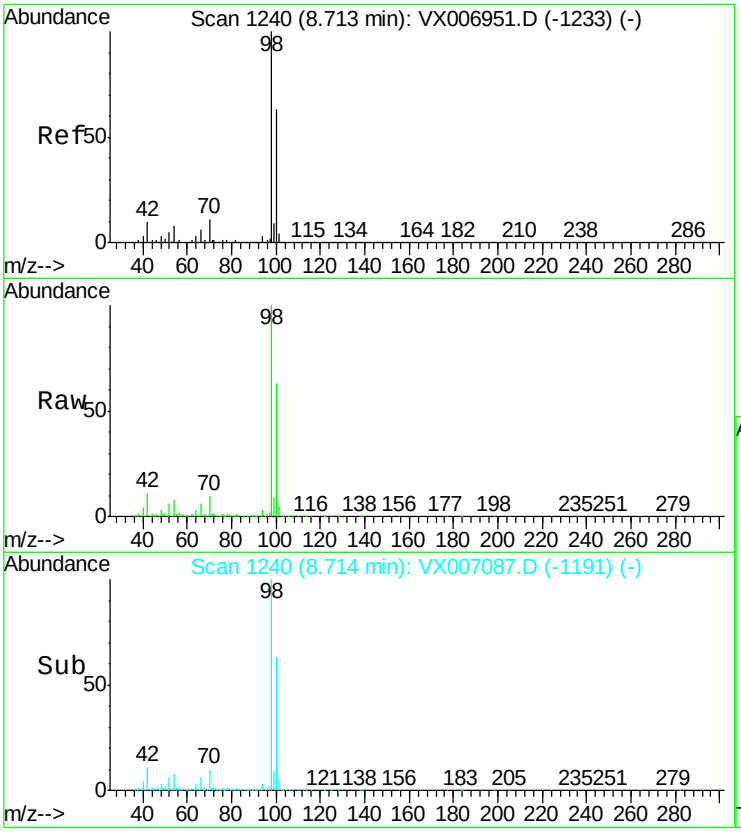


#44
Trichloroethene
Concen: 11.503 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:130 Resp: 86364

Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	187.0

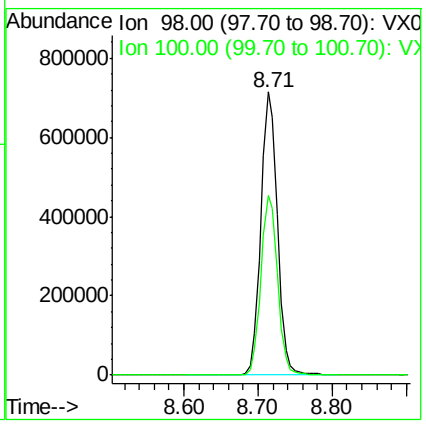




#50
Toluene-d8
Concen: 50.582 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 98 Resp: 1119794

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0

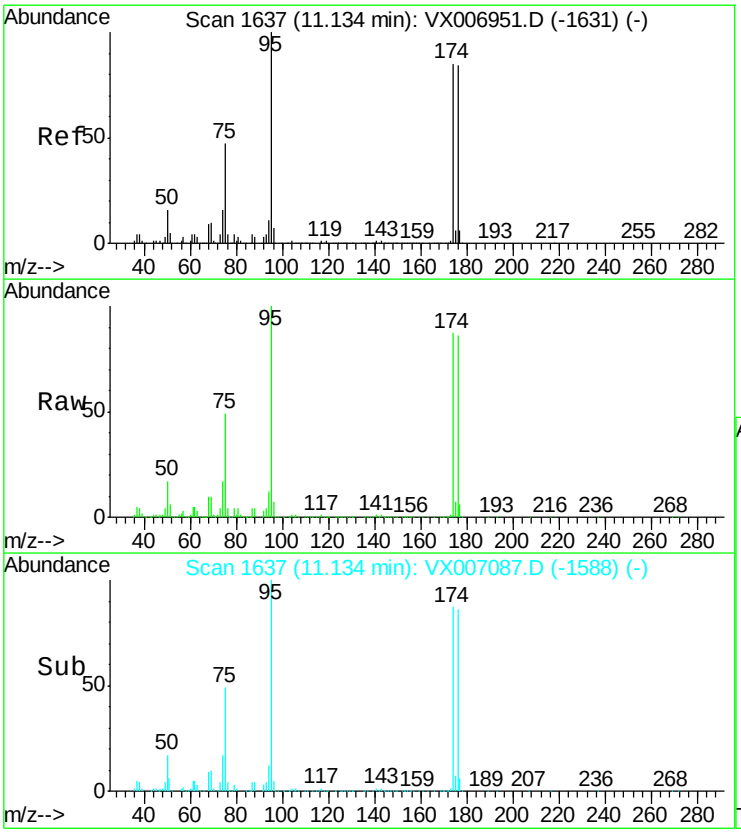


Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

Manual Integrations APPROVED

MMDadoda

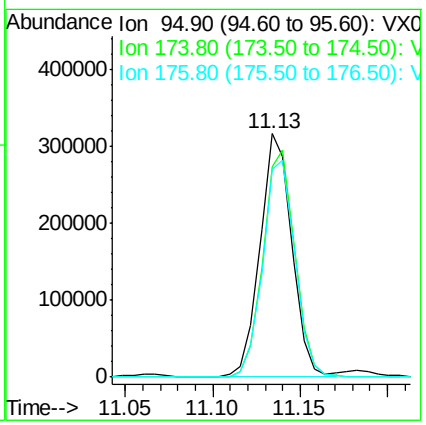
1/18/2019 10:23:39 AM

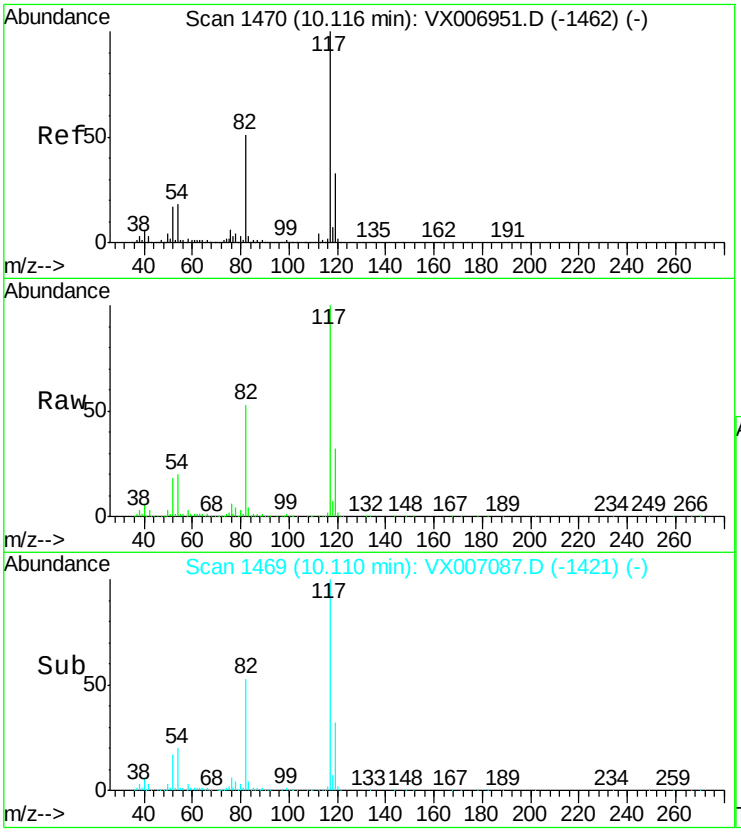


#62
4-Bromofluorobenzene
Concen: 51.832 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 95 Resp: 400029

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	182.2
176	90.9	0.0	178.8

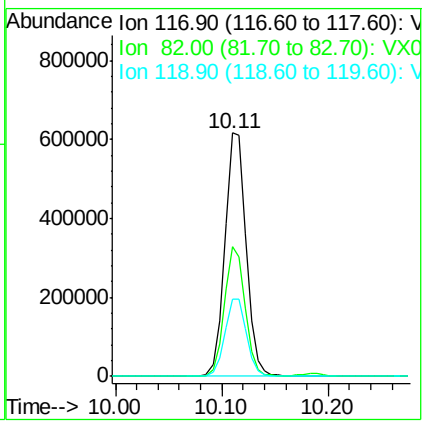




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:117 Resp: 865936

Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.0	61.6
119	31.7	25.4	38.0



Instrument :
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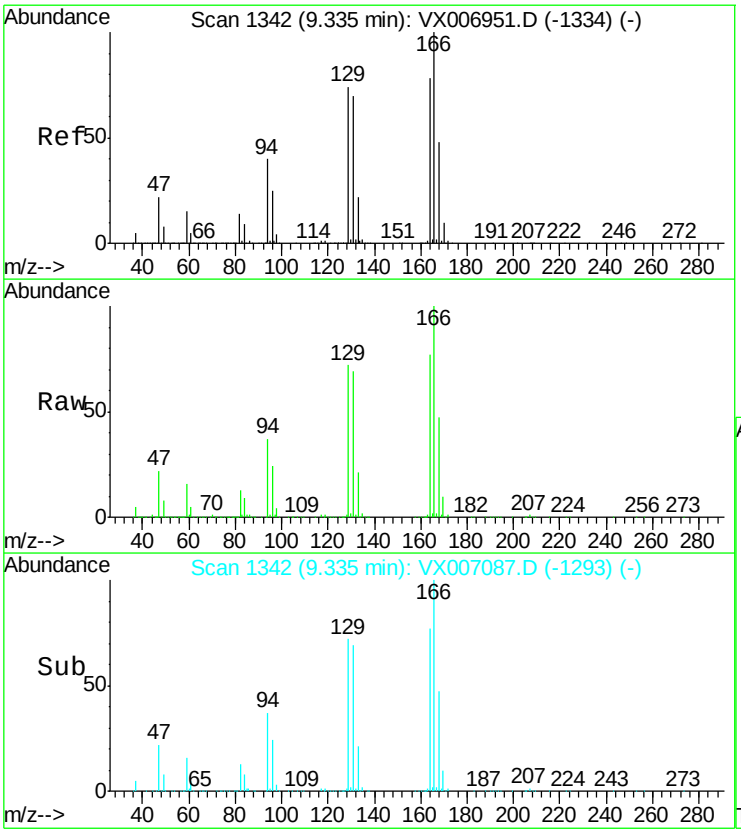
SS037MW266-190114

Manual Integrations APPROVED

MMDadoda

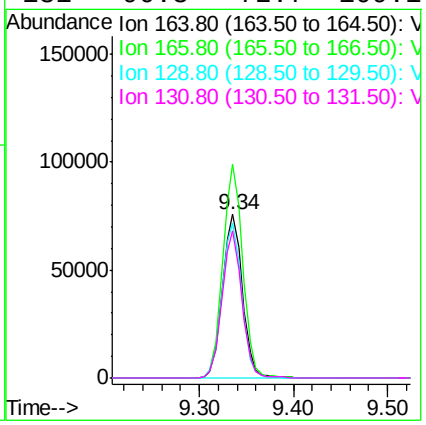
1/18/2019 10:23:39 AM

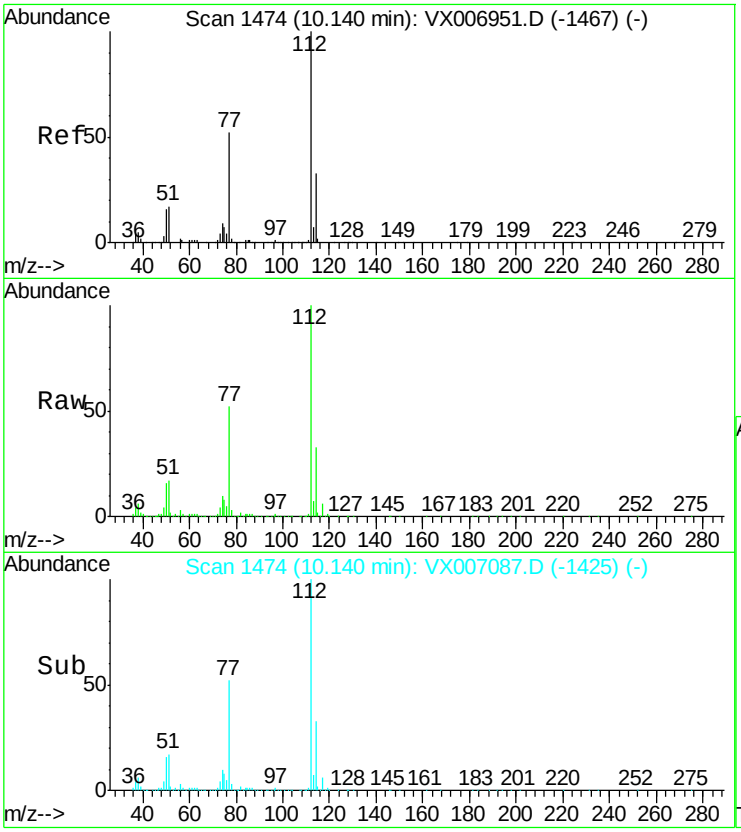


#64
Tetrachloroethene
Concen: 14.887 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:164 Resp: 111612

Ion	Ratio	Lower	Upper
164	100		
166	130.6	102.5	153.7
129	94.5	75.1	112.7
131	90.3	72.7	109.1

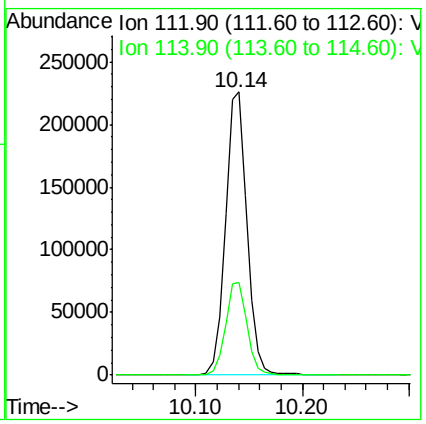




#65
Chlorobenzene
Concen: 16.859 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:112 Resp: 318411

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.7	38.5

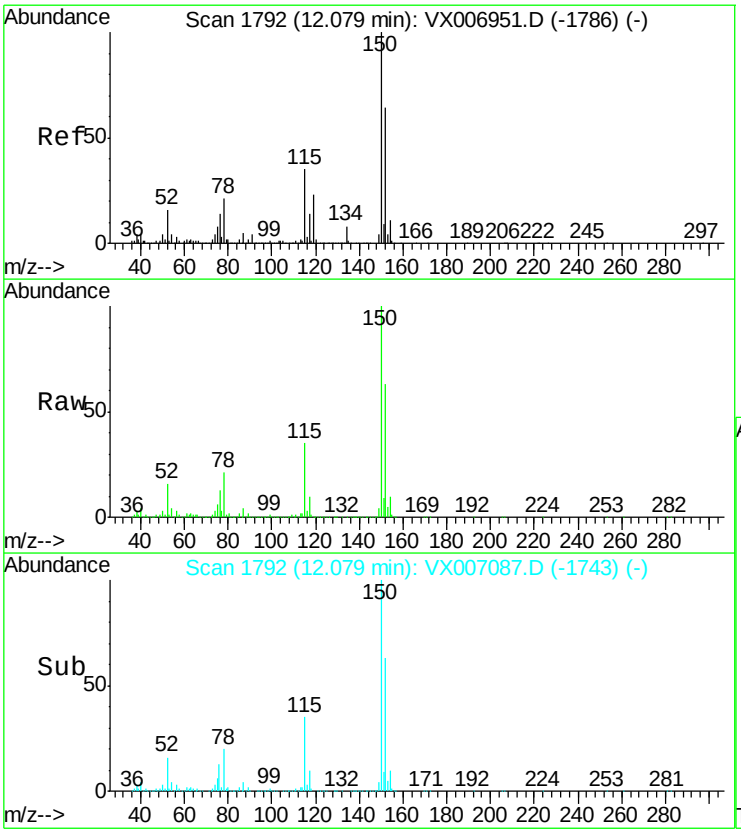


Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

Manual Integrations APPROVED

MMDadoda

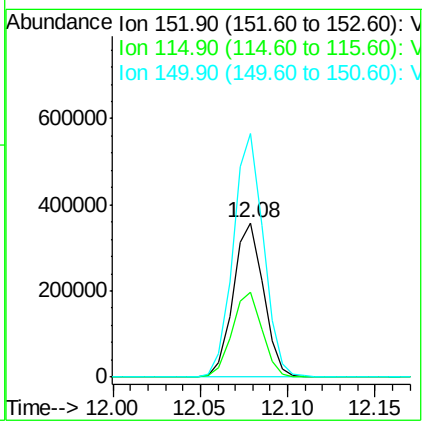
1/18/2019 10:23:39 AM

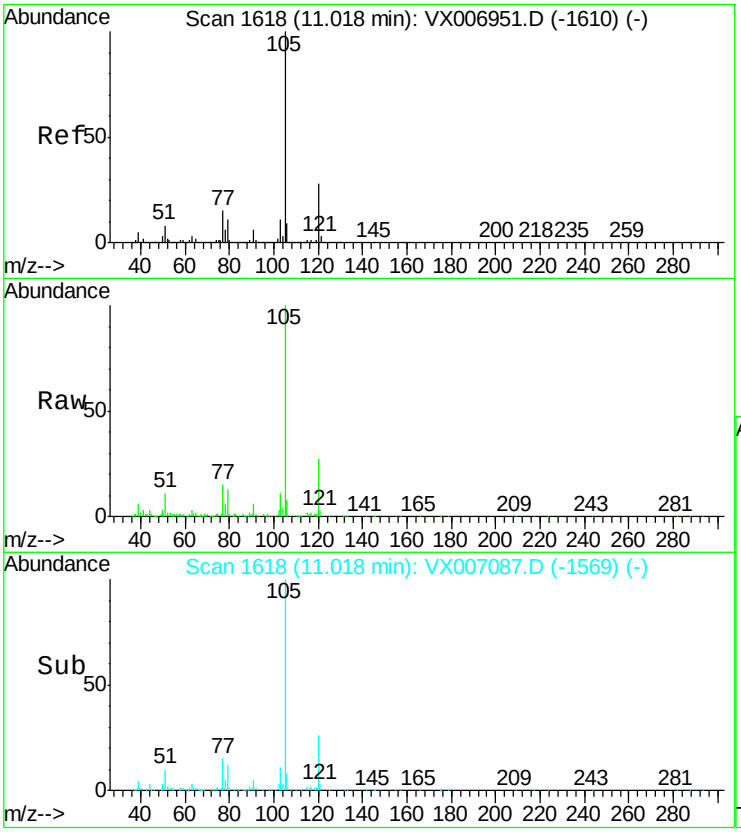


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:152 Resp: 432715

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.1	117.2
150	157.8	0.0	344.8





#73
Isopropylbenzene
Concen: 1.390 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:105 Resp: 42413

Ion	Ratio	Lower	Upper
105	100		
120	28.3	14.1	42.4

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

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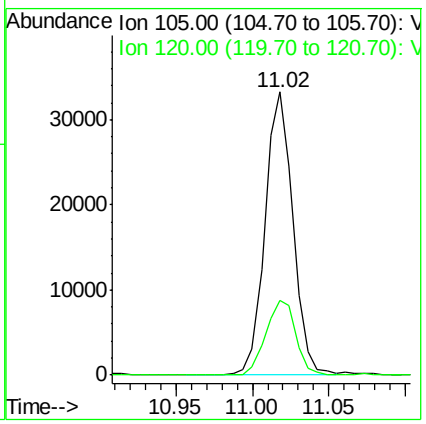
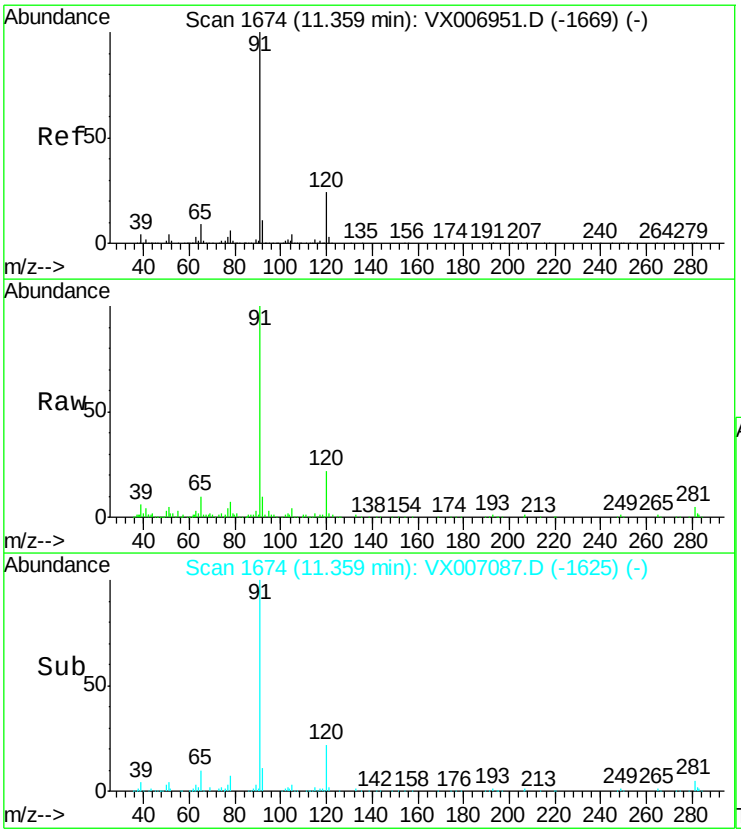
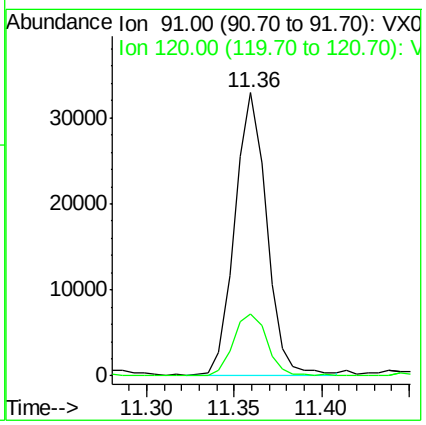


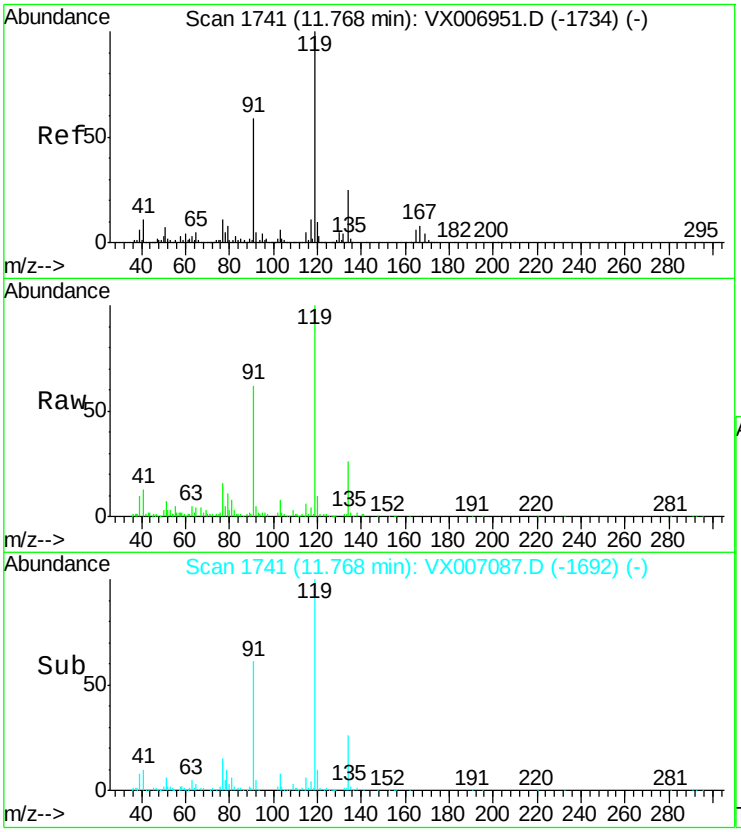


#78
n-propylbenzene
Concen: 1.239 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 91 Resp: 41488

Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.7	38.0

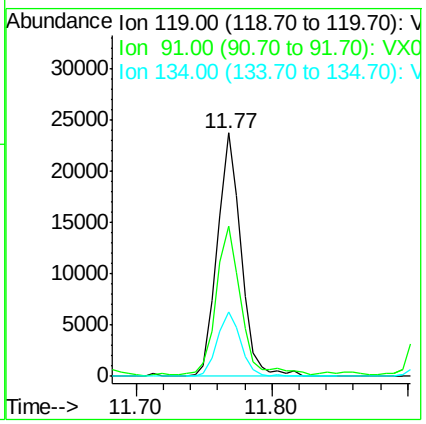




#83
tert-Butylbenzene
Concen: 1.129 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:119 Resp: 28710

Ion	Ratio	Lower	Upper
119	100		
91	61.6	27.7	83.1
134	26.0	11.9	35.5



Instrument :
MSVOA_X
ClientSampleId :
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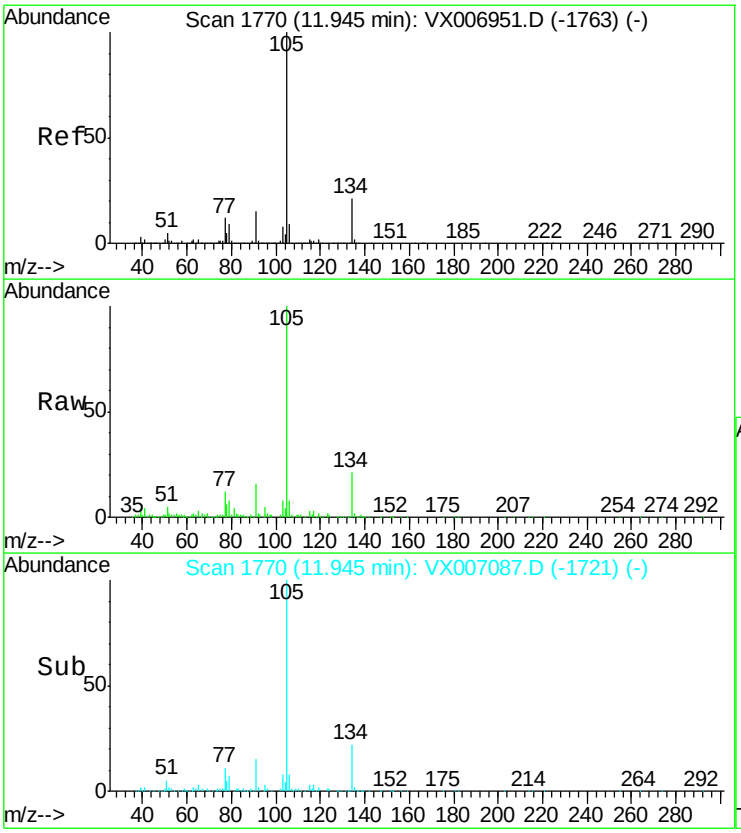
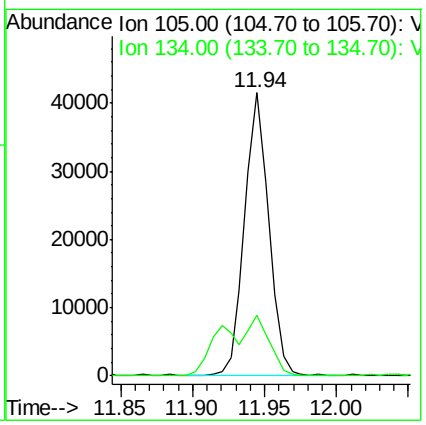
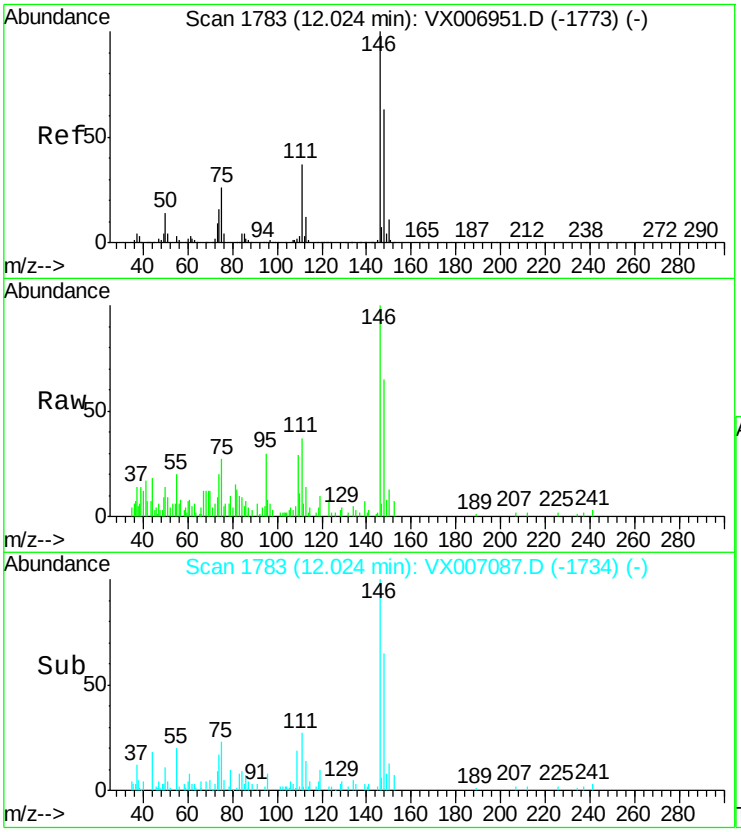


#85
sec-Butylbenzene
Concen: 1.582 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:105 Resp: 48055

Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.7	31.9

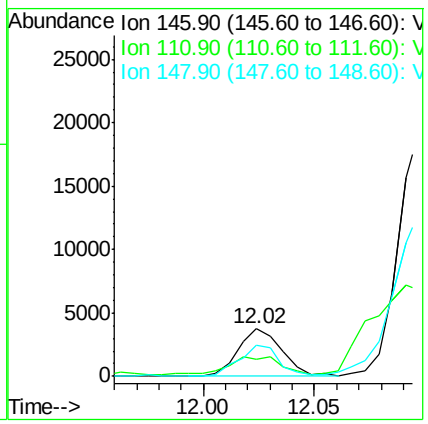




#87
1,3-Dichlorobenzene
Concen: 0.339 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:146 Resp: 5149

Ion	Ratio	Lower	Upper
146	100		
111	47.4	18.6	55.8
148	62.1	31.8	95.3



Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

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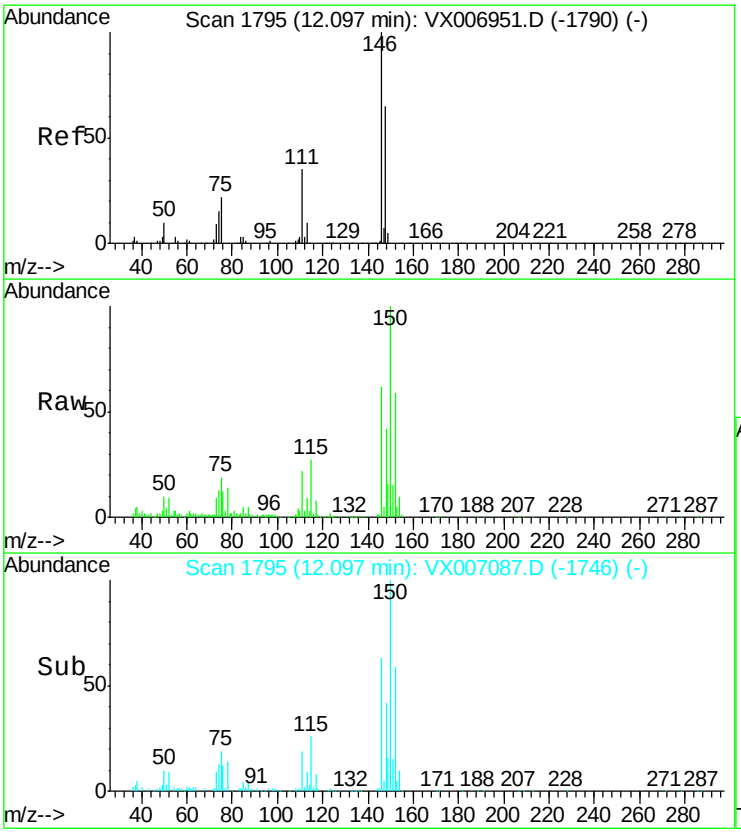
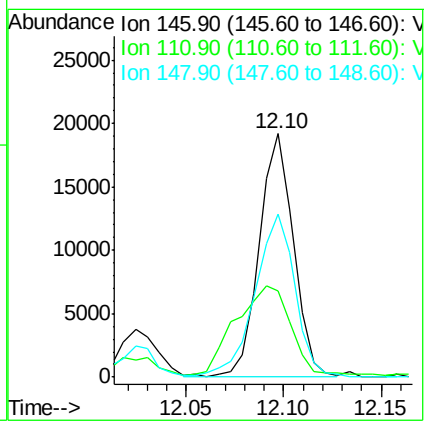
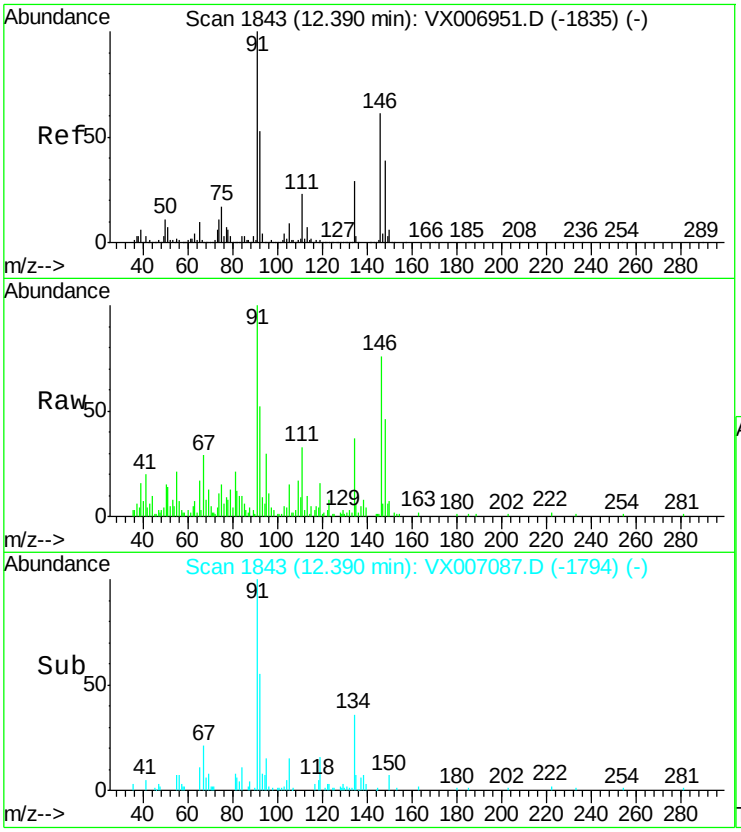


#88
1,4-Dichlorobenzene
Concen: 1.769 ug/l m
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:146 Resp: 23448

Ion	Ratio	Lower	Upper
146	100		
111	10.8	18.1	54.1#
148	13.6	31.9	95.9#

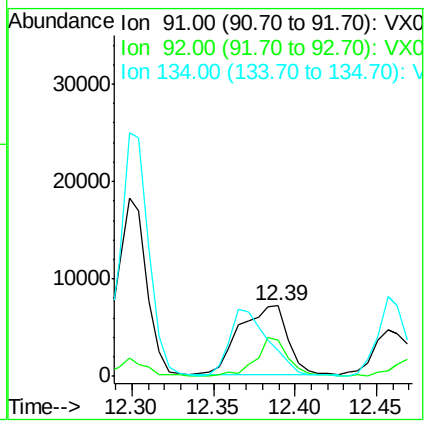




#89
n-Butylbenzene
Concen: 0.626 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 91 Resp: 14508

Ion	Ratio	Lower	Upper
91	100		
92	38.4	26.8	80.4
134	0.0	14.4	43.2#



Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

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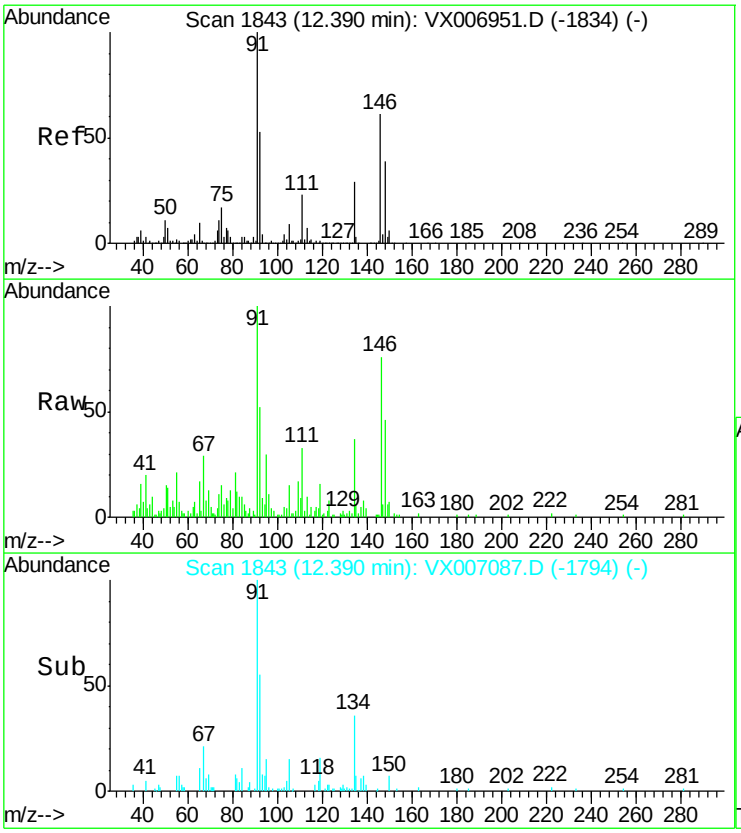
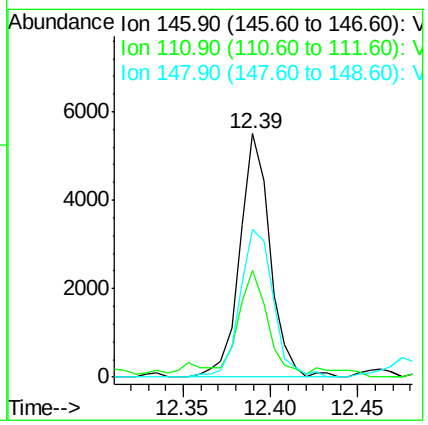
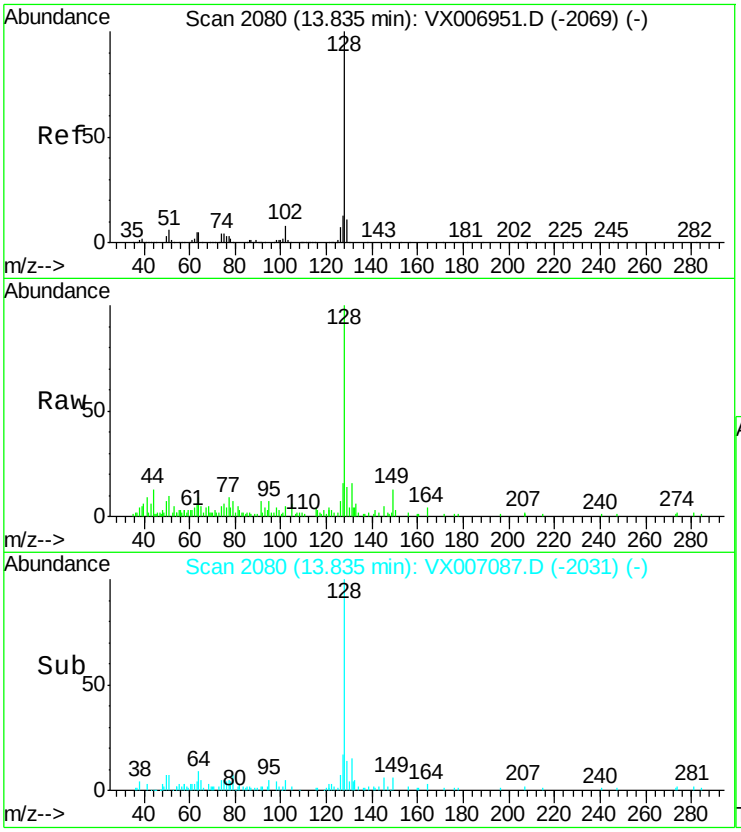


#91
1,2-Dichlorobenzene
Concen: 0.440 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:146 Resp: 6602

Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.4	58.2
148	66.8	32.3	96.9

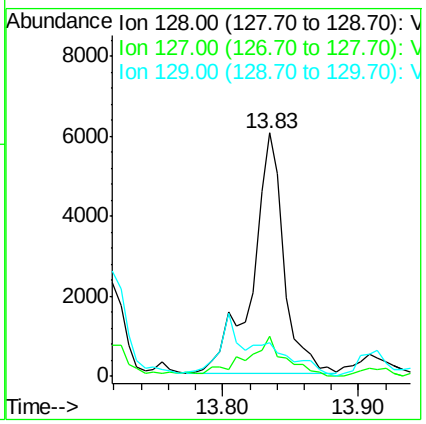




#95
Naphthalene
Concen: 0.314 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:128 Resp: 9783

Ion	Ratio	Lower	Upper
128	100		
127	20.7	10.1	15.1#
129	0.0	8.6	13.0#



Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

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