Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112618\
Data File : VV008716.D
Acq On : 26 Nov 2018 15:44
Operator : SY/MD
Sample : J6036-05
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0928

Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

Quant Time: Nov 27 04:03:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	285975	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.93	117	245266	50.00	ug/L	0.04
60) 1,4-Dichlorobenzene-d4	11.31	152	151630	50.00	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	83011	41.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.30%			
7) Chloroethane-d5	1.56	69	64972	58.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.90%			
11) 1,1-Dichloroethene-d2	2.13	63	118545	35.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.20%			
21) 2-Butanone-d5	3.93	46	151317	92.02	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.02%			
24) Chloroform-d	4.41	84	211821	51.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.68%			
26) 1,2-Dichloroethane-d4	5.09	65	127814	48.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.80%			
32) Benzene-d6	5.11	84	401142	52.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.16%			
36) 1,2-Dichloropropane-d6	6.12	67	128014	53.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.36%			
41) Toluene-d8	7.36	98	375650	54.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.72%			
43) trans-1,3-Dichloropropene-	7.67	79	58918	55.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.46%			
47) 2-Hexanone-d5	8.14	63	112287	104.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.13%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	179436	55.16	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.32%			
64) 1,2-Dichlorobenzene-d4	11.71	152	146315	44.21	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.42%			
Target Compounds						Qvalue
13) Acetone	2.19	43	25640	15.759	ug/L	98
25) Chloroform	4.43	83	507212	126.134	ug/L	96
29) Cyclohexane	4.73	56	30924	9.307	ug/L #	100
31) Carbon tetrachloride	4.88	117	220495	87.484	ug/L	97
33) Benzene	5.15	78	24443240m	3099.902	ug/L	
35) Methylcyclohexane	6.18	83	13249	3.840	ug/L #	80
38) Bromodichloromethane	6.56	83	5042	1.975	ug/L	83
42) Toluene	7.43	91	15016	1.831	ug/L	98
46) Tetrachloroethene	8.02	164	4310	2.856	ug/L	95
51) Chlorobenzene	8.93	112	46379913m	8889.967	ug/L	
62) 1,3-Dichlorobenzene	11.24	146	7416827	1459.748	ug/L	95
63) 1,4-Dichlorobenzene	11.33	146	29263149m	5651.178	ug/L	
65) 1,2-Dichlorobenzene	11.71	146	34077733m	6497.966	ug/L	
68) 1,2,4-trichlorobenzene	13.32	180	8194695	3052.734	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	1977914	716.562	ug/L	98

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112618\
Data File : VV008716.D
Acq On : 26 Nov 2018 15:44
Operator : SY/MD
Sample : J6036-05
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0928

Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

Quant Time: Nov 27 04:03:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

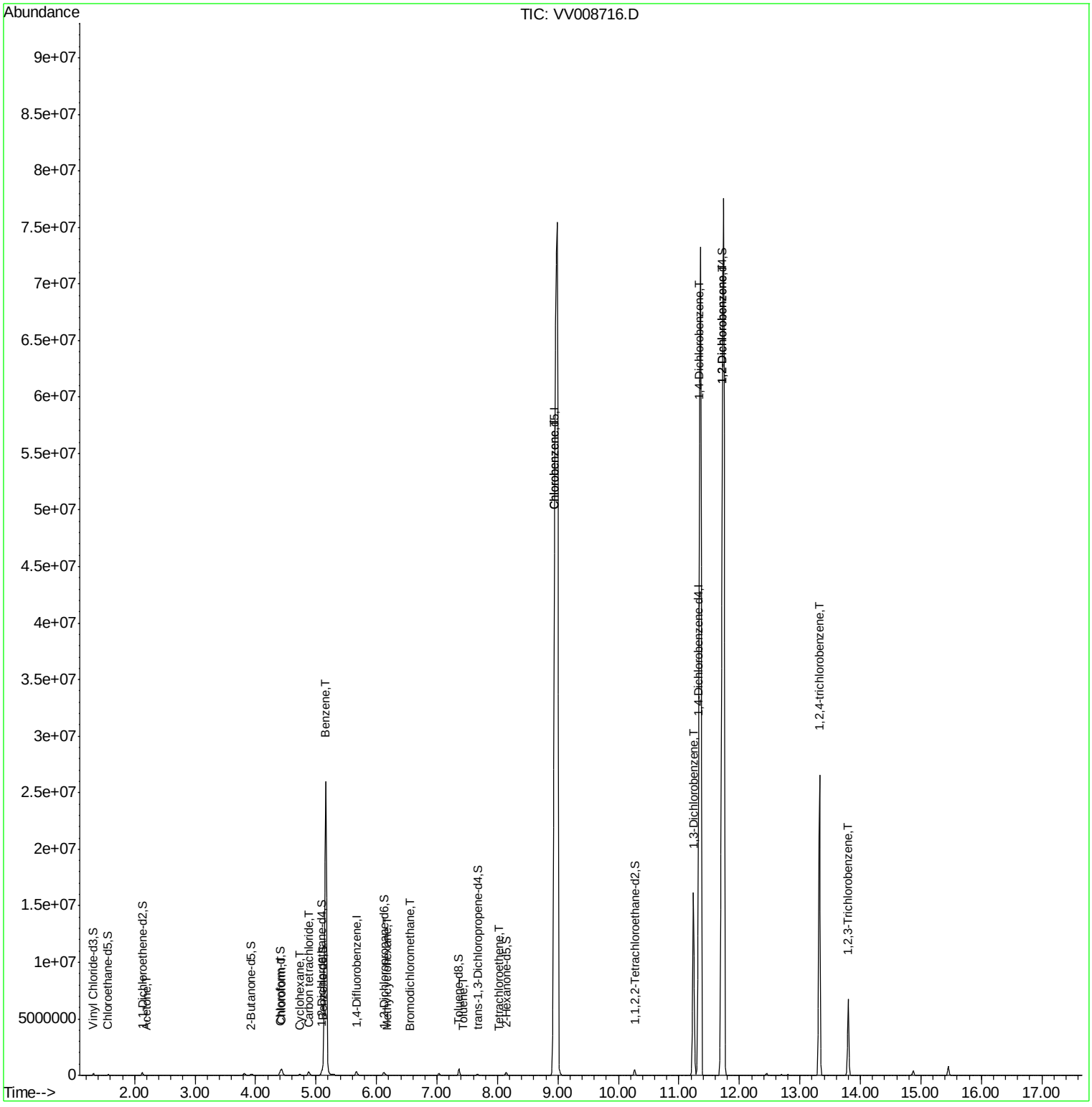
(#) = qualifier out of range (m) = manual integration (+) = signals summed

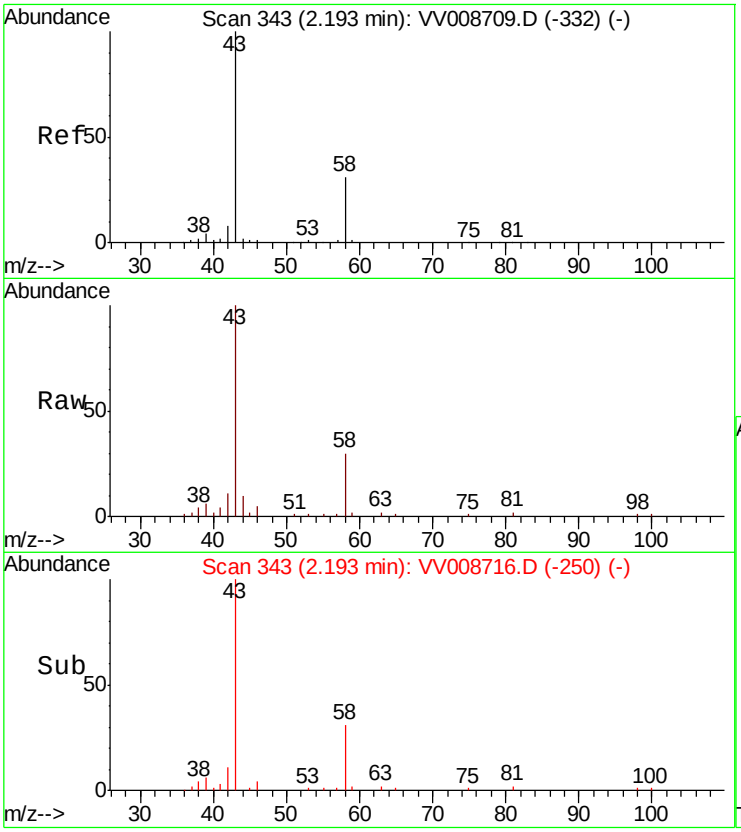
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112618\
Data File : VV008716.D
Acq On : 26 Nov 2018 15:44
Operator : SY/MD
Sample : J6036-05
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 27 04:03:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0928

Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

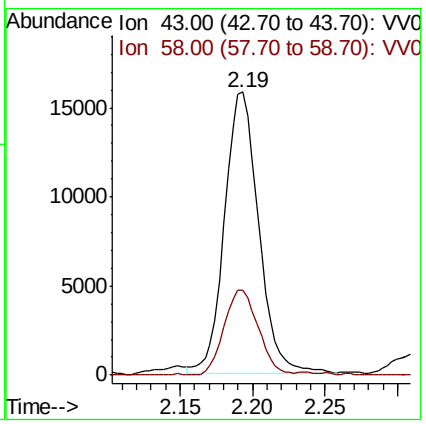




#13
Acetone
Concen: 15.759 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

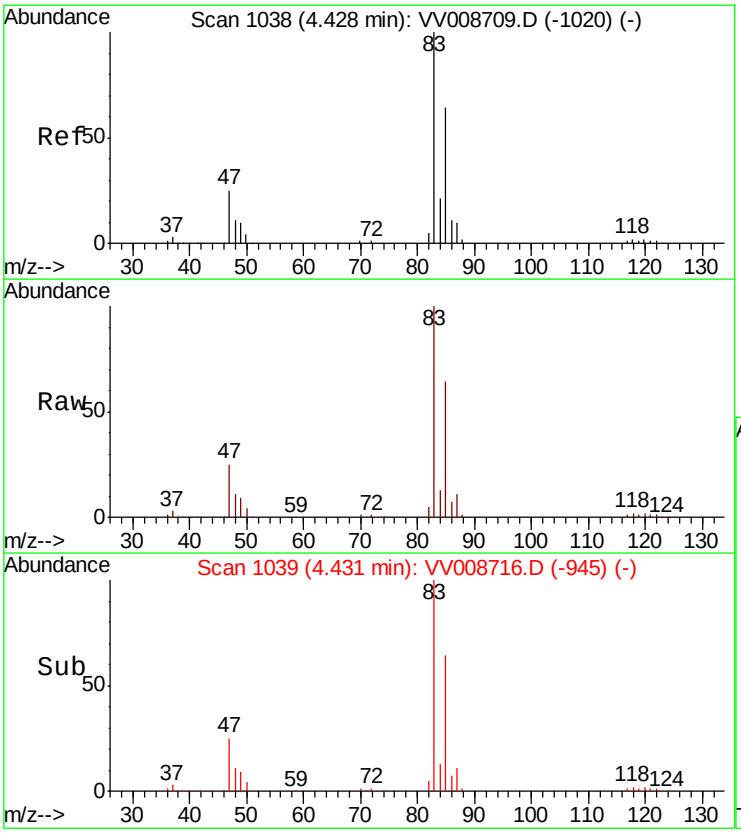
Tgt Ion: 43 Resp: 25640

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	62.8



Instrument :
MSVOA_V
ClientSampleId :
C0928

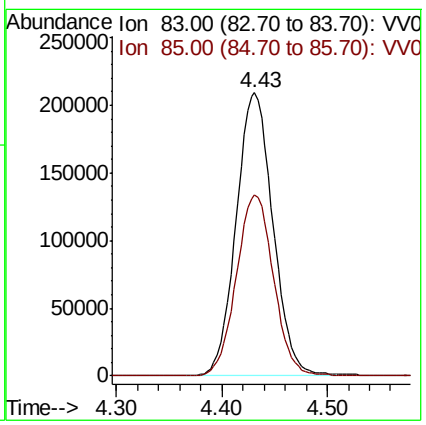
Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

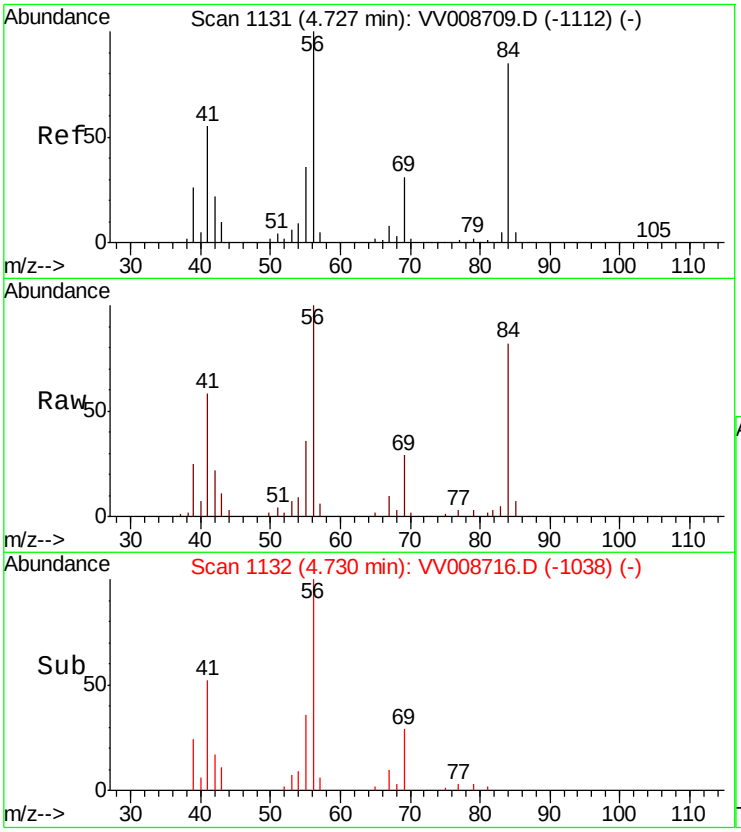


#25
Chloroform
Concen: 126.134 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

Tgt Ion: 83 Resp: 507212

Ion	Ratio	Lower	Upper
83	100		
85	63.9	42.8	79.4

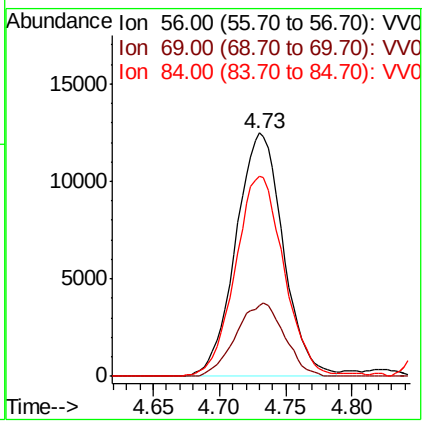




#29
Cyclohexane
Concen: 9.307 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

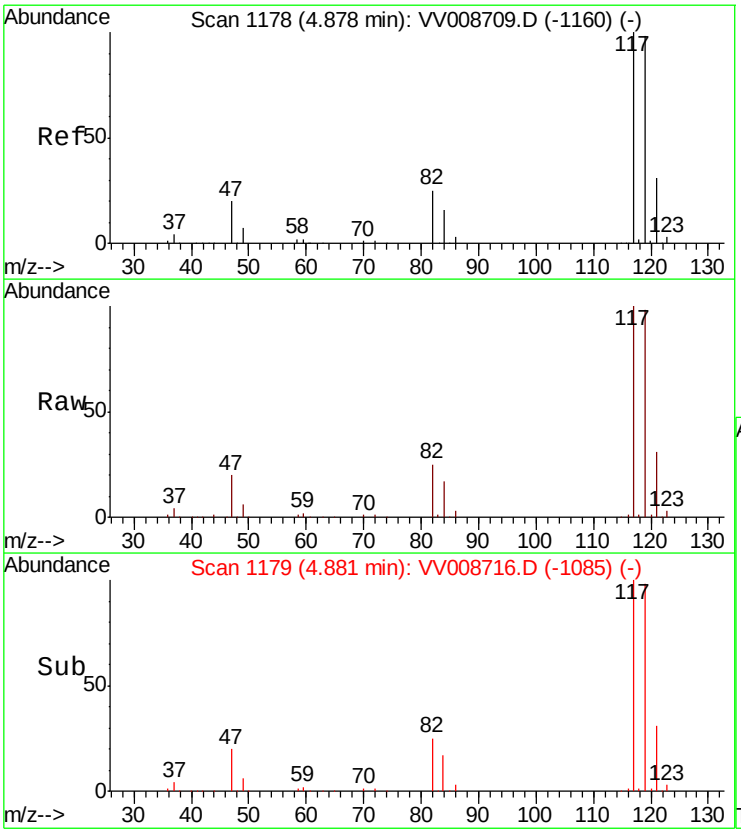
Tgt Ion: 56 Resp: 30924

Ion	Ratio	Lower	Upper
56	100		
69	30.7	0.0	0.0#
84	81.5	0.0	0.0#



Instrument :
MSVOA_V
ClientSampleId :
C0928

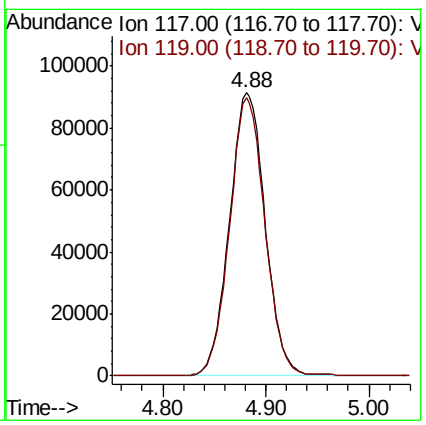
Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

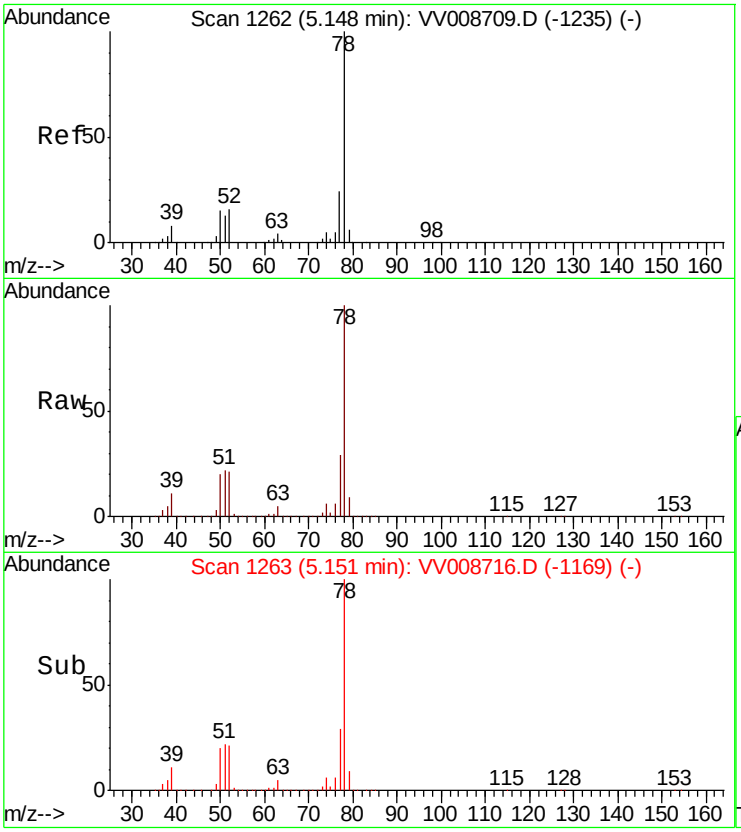


#31
Carbon tetrachloride
Concen: 87.484 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

Tgt Ion:117 Resp: 220495

Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.6	113.4



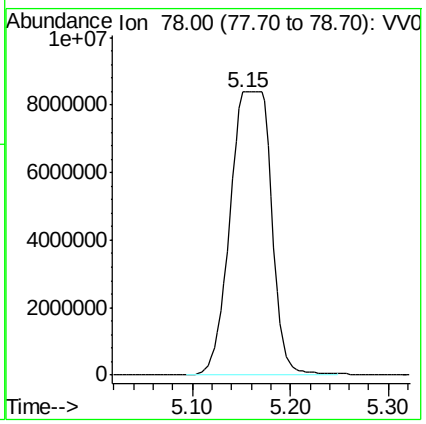


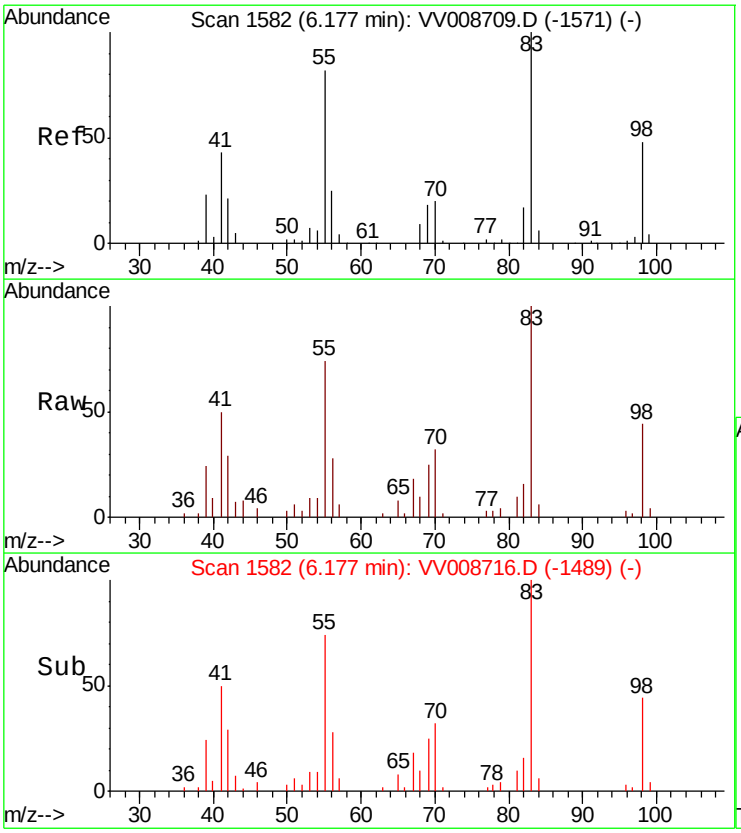
#33
Benzene
Concen: 3099.902 ug/L m
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

Tgt Ion: 78 Resp:24443240

Instrument :
MSVOA_V
ClientSampleId :
C0928

Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

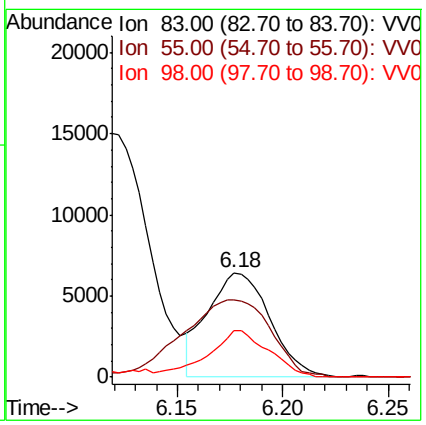


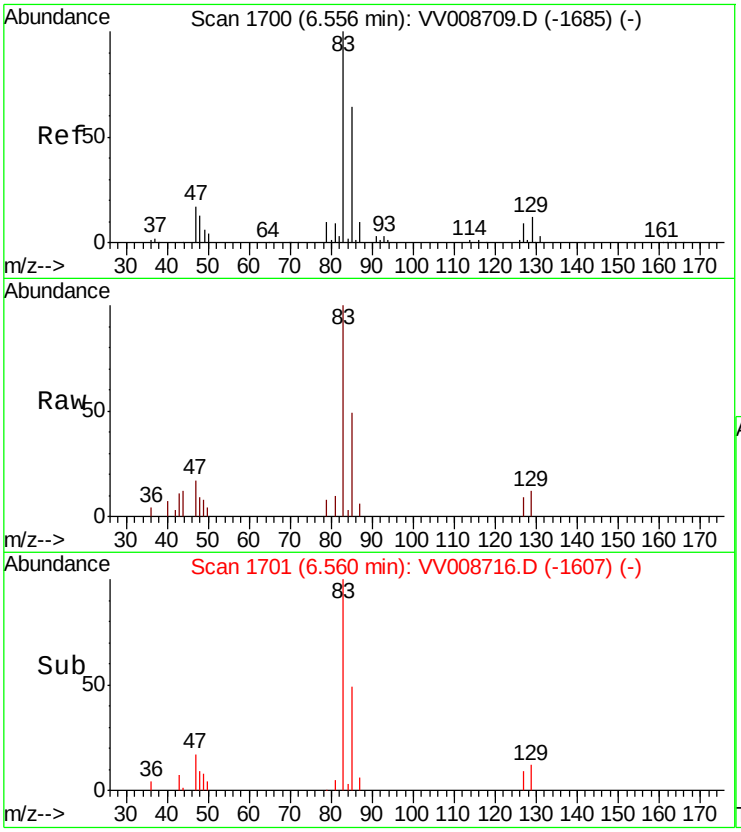


#35
Methylcyclohexane
Concen: 3.840 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

Tgt Ion: 83 Resp: 13249

Ion	Ratio	Lower	Upper
83	100		
55	105.5	63.0	94.6#
98	43.7	35.4	53.0

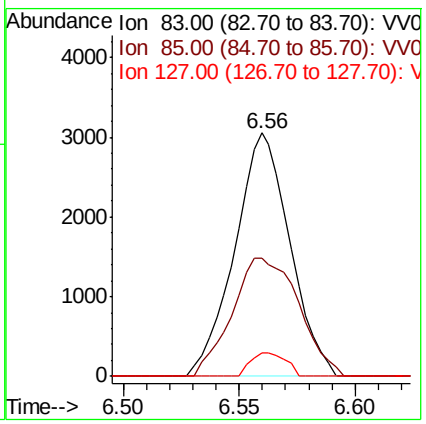




#38
Bromodichloromethane
Concen: 1.975 ug/L
RT: 6.56 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

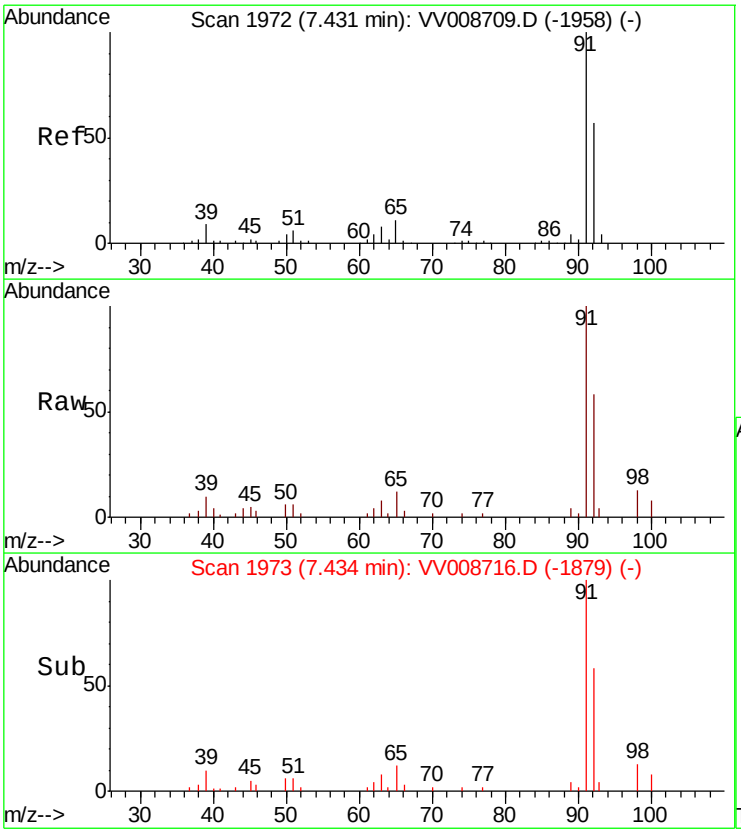
Tgt Ion: 83 Resp: 5042

Ion	Ratio	Lower	Upper
83	100		
85	48.5	44.3	82.3
127	9.5	6.8	10.2



Instrument :
MSVOA_V
ClientSampleId :
C0928

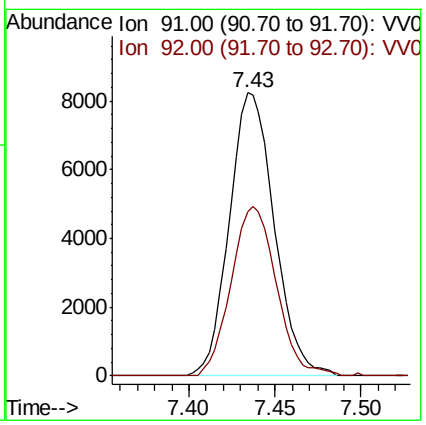
Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

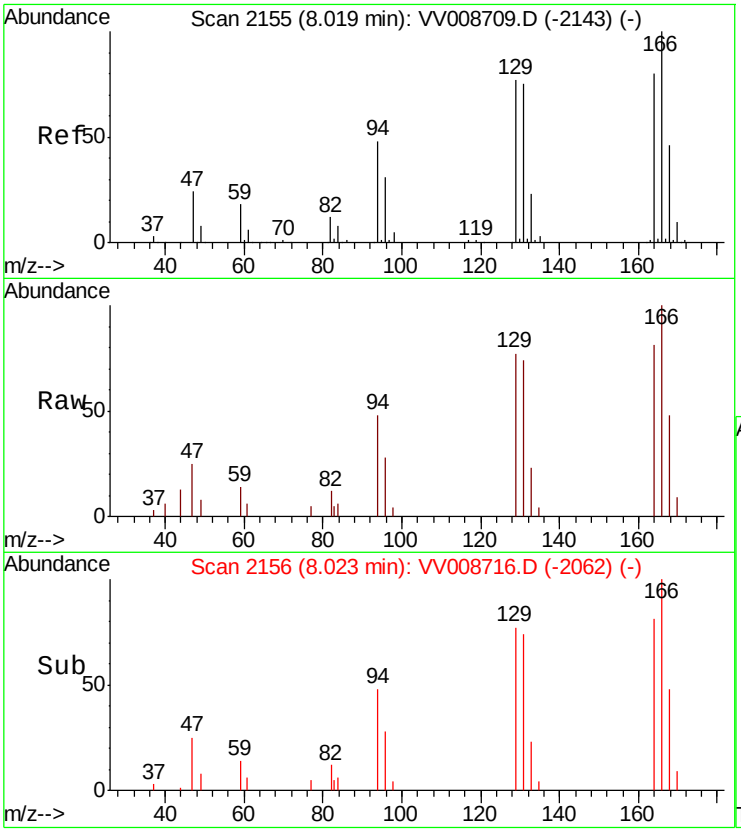


#42
Toluene
Concen: 1.831 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

Tgt Ion: 91 Resp: 15016

Ion	Ratio	Lower	Upper
91	100		
92	57.9	41.6	77.2

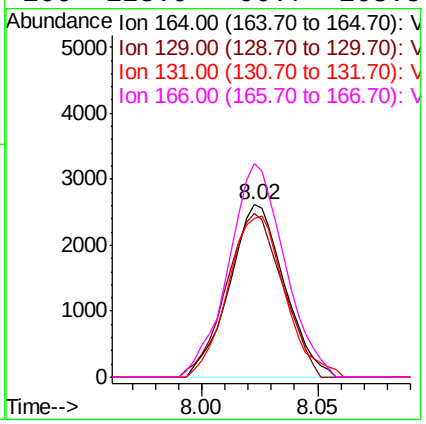




#46
Tetrachloroethene
Concen: 2.856 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

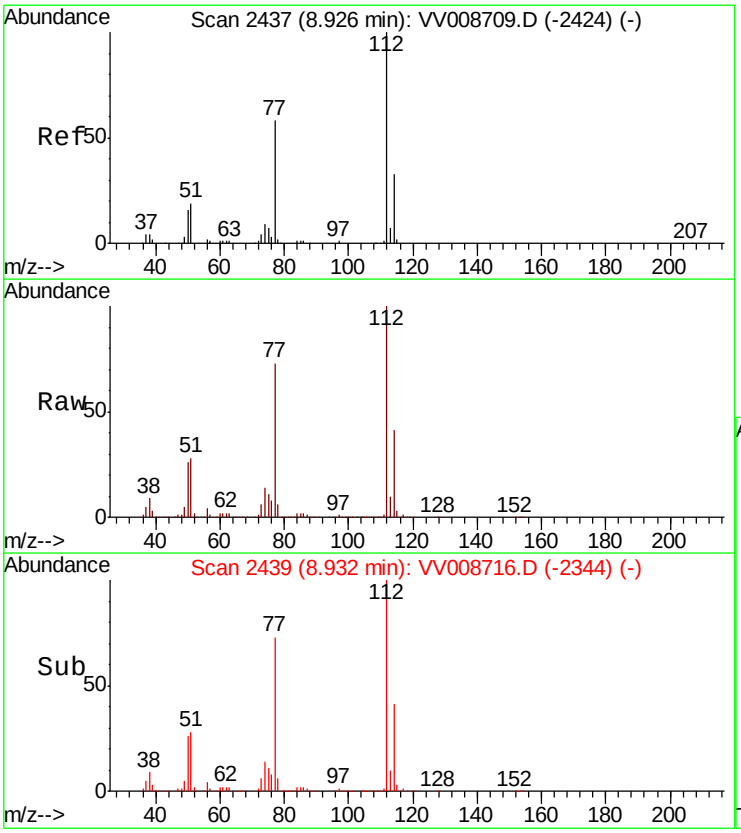
Tgt Ion:164 Resp: 4310

Ion	Ratio	Lower	Upper
164	100		
129	95.4	68.3	126.8
131	92.3	69.1	128.3
166	123.9	90.7	168.5



Instrument :
MSVOA_V
ClientSampleId :
C0928

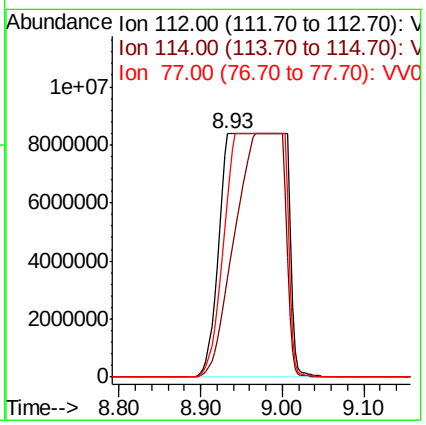
Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

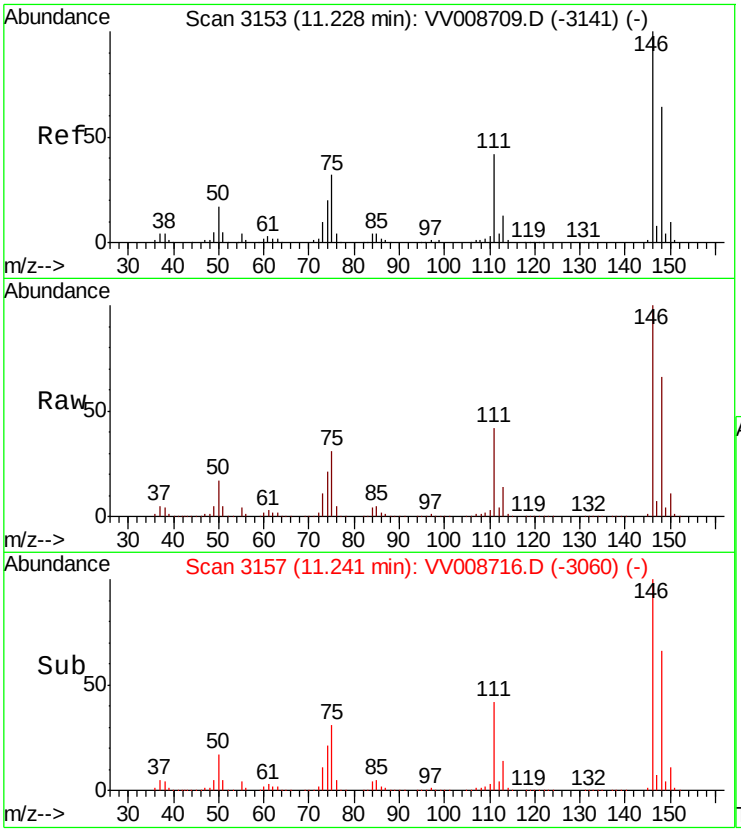


#51
Chlorobenzene
Concen: 8889.967 ug/L m
RT: 8.93 min Scan# 2439
Delta R.T. 0.01 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

Tgt Ion:112 Resp:46379913

Ion	Ratio	Lower	Upper
112	100		
114	40.6	22.9	42.5
77	72.9	53.8	80.6

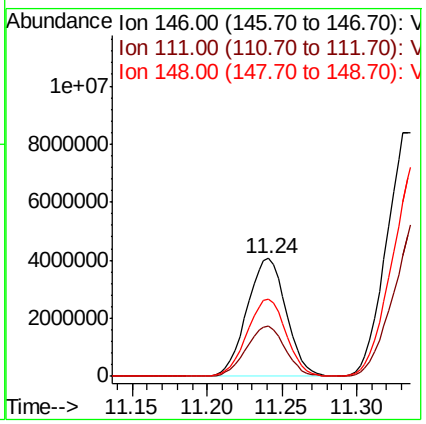




#62
1,3-Dichlorobenzene
Concen: 1459.748 ug/L
RT: 11.24 min Scan# 3157
Delta R.T. 0.01 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

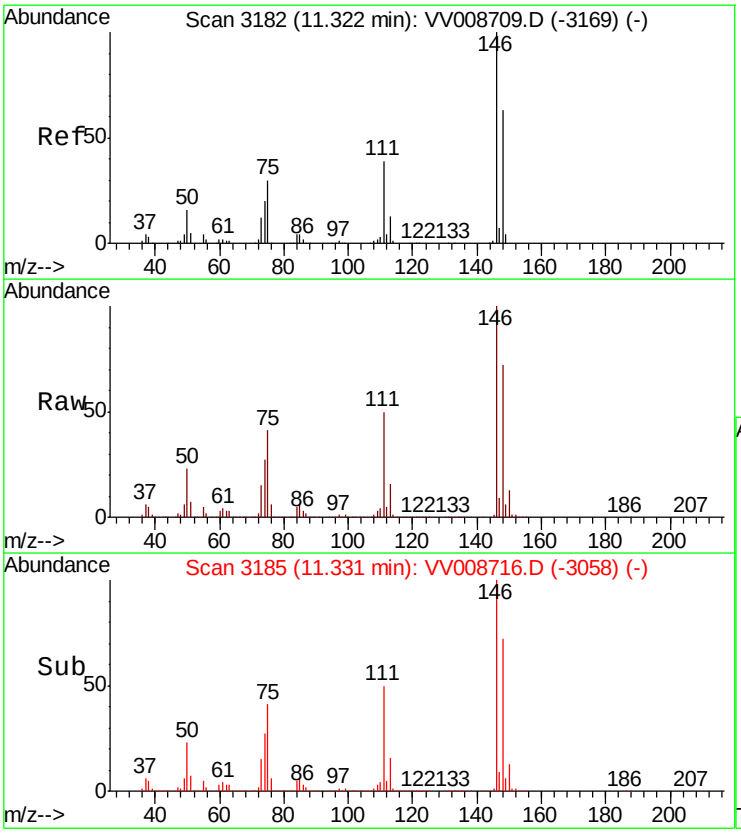
Tgt Ion:146 Resp: 7416827

Ion	Ratio	Lower	Upper
146	100		
111	42.5	27.9	51.7
148	65.7	42.7	79.3



Instrument :
MSVOA_V
ClientSampleId :
C0928

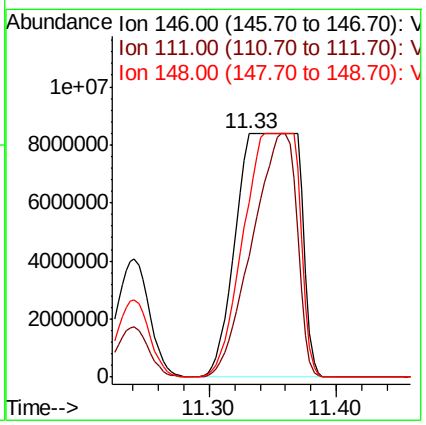
Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

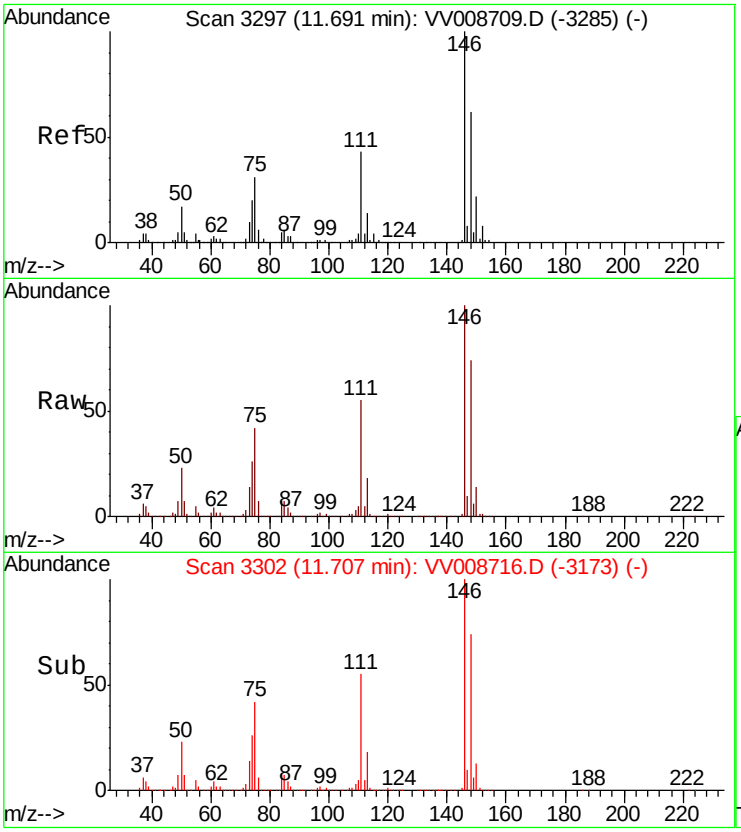


#63
1,4-Dichlorobenzene
Concen: 5651.178 ug/L m
RT: 11.33 min Scan# 3185
Delta R.T. 0.01 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

Tgt Ion:146 Resp:29263149

Ion	Ratio	Lower	Upper
146	100		
111	49.8	27.7	51.5
148	71.7	46.4	86.2





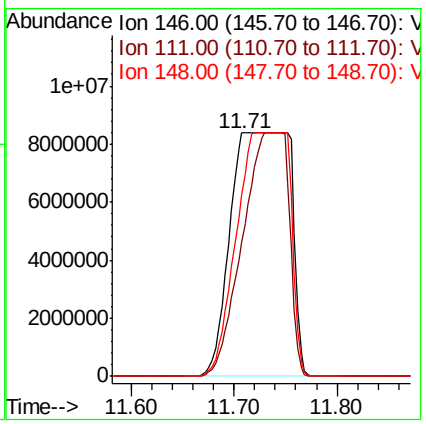
#65
1,2-Dichlorobenzene
Concen: 6497.966 ug/L m
RT: 11.71 min Scan# 3302
Delta R.T. 0.02 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

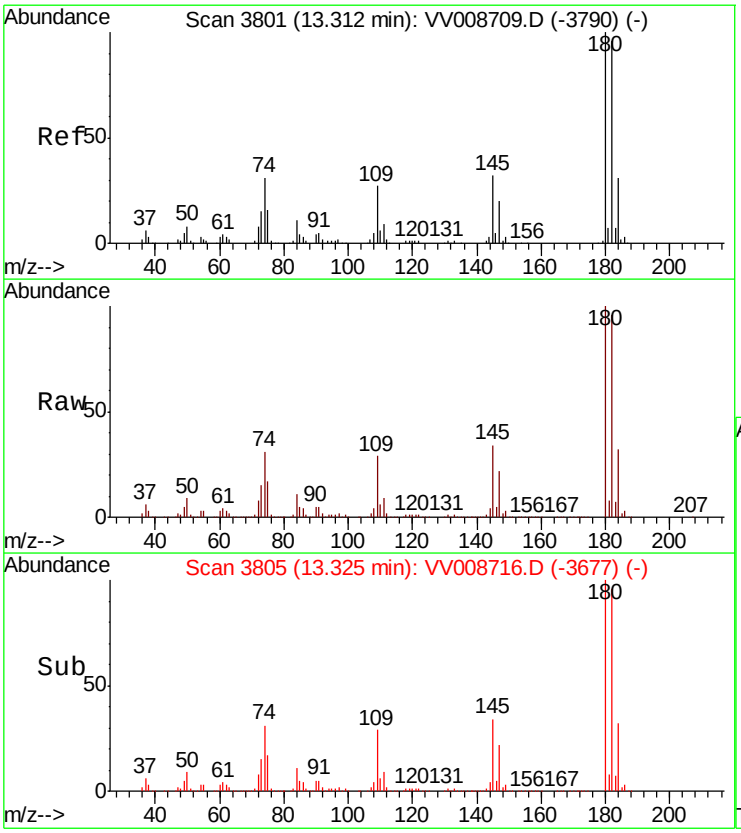
Tgt Ion:146 Resp:34077733

Ion	Ratio	Lower	Upper
146	100		
111	55.1	36.5	54.7#
148	74.3	48.7	73.1#

Instrument :
MSVOA_V
ClientSampleId :
C0928

Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM

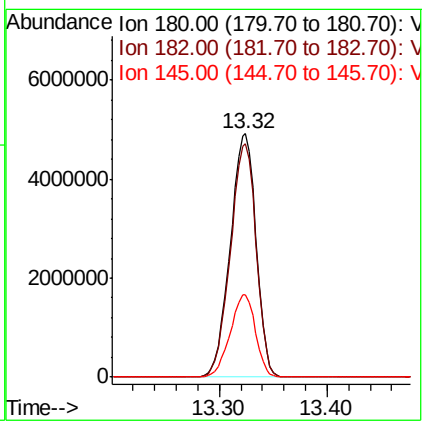


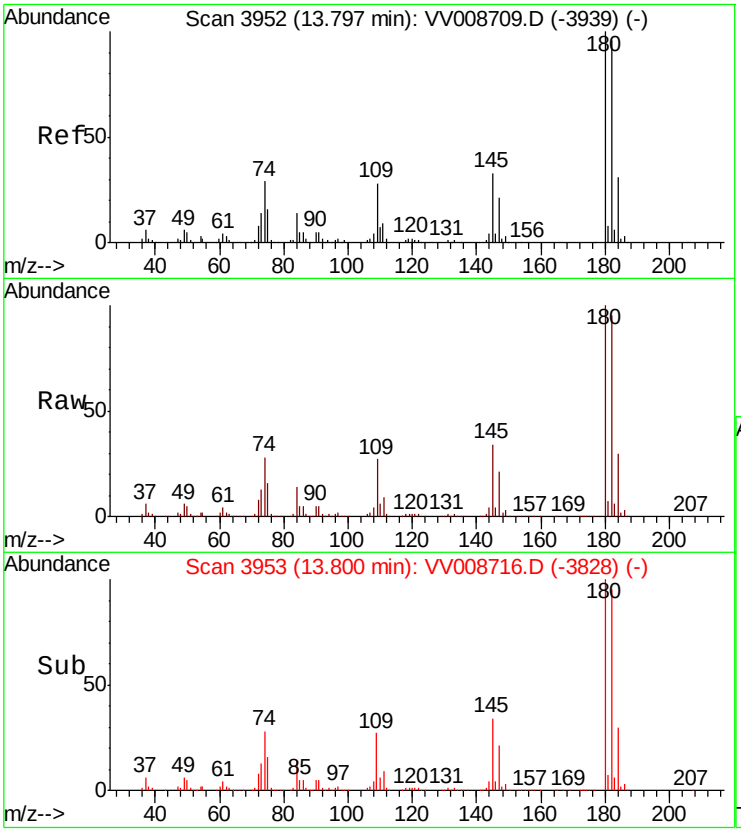


#68
1,2,4-trichlorobenzene
Concen: 3052.734 ug/L
RT: 13.32 min Scan# 3805
Delta R.T. 0.01 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

Tgt Ion:180 Resp: 8194695

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.7	113.5
145	33.1	28.0	42.0

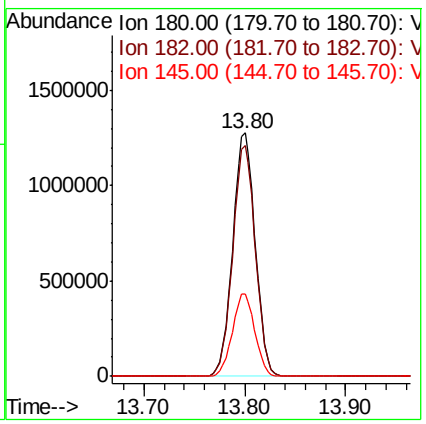




#70
1,2,3-Trichlorobenzene
Concen: 716.562 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.00 min
Lab File: VV008716.D
Acq: 26 Nov 2018 15:44

Tgt Ion:180 Resp: 1977914

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	33.8	28.9	43.3



Instrument :
MSVOA_V
ClientSampleId :
C0928

Manual Integrations APPROVED
apatel
11/27/2018 1:58:13 PM