Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
Data File : VV013113.D
Acq On : 11 Oct 2019 20:43
Operator : SY/MD
Sample : MDL01 2.5PPB
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
MMDadoda
10/14/2019 4:13:22 PM

Quant Time: Oct 12 03:41:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 12 01:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	706657	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	655661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	273248	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	243367	54.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.96%			
7) Chloroethane-d5	1.58	69	207791	56.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.50%			
11) 1,1-Dichloroethene-d2	2.13	63	349789	41.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.04%			
21) 2-Butanone-d5	3.93	46	380319	113.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.24%			
24) Chloroform-d	4.40	84	468613	54.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.00%			
26) 1,2-Dichloroethane-d4	5.08	65	302665	57.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.20%			
32) Benzene-d6	5.10	84	1005149	57.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.92%			
36) 1,2-Dichloropropane-d6	6.12	67	317374	57.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.82%			
41) Toluene-d8	7.36	98	861771	55.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.10%			
43) trans-1,3-Dichloropropene-	7.66	79	130647	52.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.24%			
47) 2-Hexanone-d5	8.13	63	237411	108.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.87%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	382187	54.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.08%			
64) 1,2-Dichlorobenzene-d4	11.67	152	319819	59.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.48%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	11562	2.109	ug/L	99
3) Chloromethane	1.25	50	14707	2.358	ug/L	94
5) Vinyl chloride	1.33	62	13474	2.249	ug/L #	69
6) Bromomethane	1.53	94	7366	2.402	ug/L	99
8) Chloroethane	1.60	64	7988	2.241	ug/L	95
9) Trichlorofluoromethane	1.77	101	16183	2.105	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13226	2.920	ug/L #	80
12) 1,1-Dichloroethene	2.14	96	12091	2.759	ug/L #	1
13) Acetone	2.19	43	11895	3.857	ug/L	93
14) Carbon disulfide	2.32	76	30124	2.370	ug/L	100
15) Methyl Acetate	2.46	43	11859	2.170	ug/L	97
16) Methylene chloride	2.54	84	12091	2.319	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	10635	2.237	ug/L	96
18) Methyl tert-butyl Ether	2.80	73	29685	2.069	ug/L	97
19) 1,1-Dichloroethane	3.23	63	18923	2.110	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	11169	2.076	ug/L	99
22) 2-Butanone	4.03	43	12504	3.186	ug/L	90

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
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Operator : SY/MD
Sample : MDL01 2.5PPB
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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10/14/2019 4:13:22 PM

Quant Time: Oct 12 03:41:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 12 01:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	5692	2.083 ug/L		93
25) Chloroform	4.43	83	24940	2.760 ug/L		99
27) 1,2-Dichloroethane	5.18	62	13830	1.997 ug/L	#	94
29) Cyclohexane	4.72	56	15073	1.920 ug/L		96
30) 1,1,1-Trichloroethane	4.66	97	14875	2.045 ug/L		99
31) Carbon tetrachloride	4.88	117	13500	2.088 ug/L		93
33) Benzene	5.15	78	41601	2.083 ug/L		100
34) Trichloroethene	5.96	95	12082	2.272 ug/L		93
35) Methylcyclohexane	6.17	83	15924	1.980 ug/L		95
37) 1,2-Dichloropropane	6.22	63	11139m	2.154 ug/L		
38) Bromodichloromethane	6.56	83	13684	2.080 ug/L		100
39) cis-1,3-Dichloropropene	7.07	75	14347	1.876 ug/L		97
40) 4-Methyl-2-pentanone	7.27	43	24962	3.688 ug/L		95
42) Toluene	7.43	91	43732	2.127 ug/L		93
44) trans-1,3-Dichloropropene	7.69	75	12207	1.841 ug/L		96
45) 1,1,2-Trichloroethane	7.88	97	10457	2.130 ug/L		95
46) Tetrachloroethene	8.02	164	9098	2.161 ug/L		91
48) 2-Hexanone	8.18	43	28837	5.509 ug/L		91
49) Dibromochloromethane	8.29	129	10051	1.878 ug/L		94
50) 1,2-Dibromoethane	8.40	107	11070	2.157 ug/L		89
51) Chlorobenzene	8.92	112	27539	2.043 ug/L		93
52) Ethylbenzene	9.05	91	40668	1.852 ug/L		99
53) m,p-Xylene	9.18	106	14605	1.768 ug/L		95
54) o-xylene	9.59	106	14207	1.716 ug/L		95
55) Styrene	9.60	104	21870	1.609 ug/L		97
56) Isopropylbenzene	9.97	105	34252	1.612 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.28	83	16646	2.332 ug/L	#	97
59) 1,2,3-Trichloropropane	10.32	75	12868	2.044 ug/L		100
61) Bromoform	9.77	173	7591	2.208 ug/L	#	92
62) 1,3-Dichlorobenzene	11.22	146	18865	2.135 ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	20909	2.356 ug/L		99
65) 1,2-Dichlorobenzene	11.68	146	21554	2.396 ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.48	75	2814	2.151 ug/L		92
67) 1,3,5-Trichlorobenzene	12.69	180	12708	2.017 ug/L		92
68) 1,2,4-trichlorobenzene	13.31	180	12456	2.305 ug/L		92
69) Naphthalene	13.55	128	25640	1.722 ug/L		97
70) 1,2,3-Trichlorobenzene	13.79	180	12019	2.079 ug/L		96

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

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Misc : 5.00ML/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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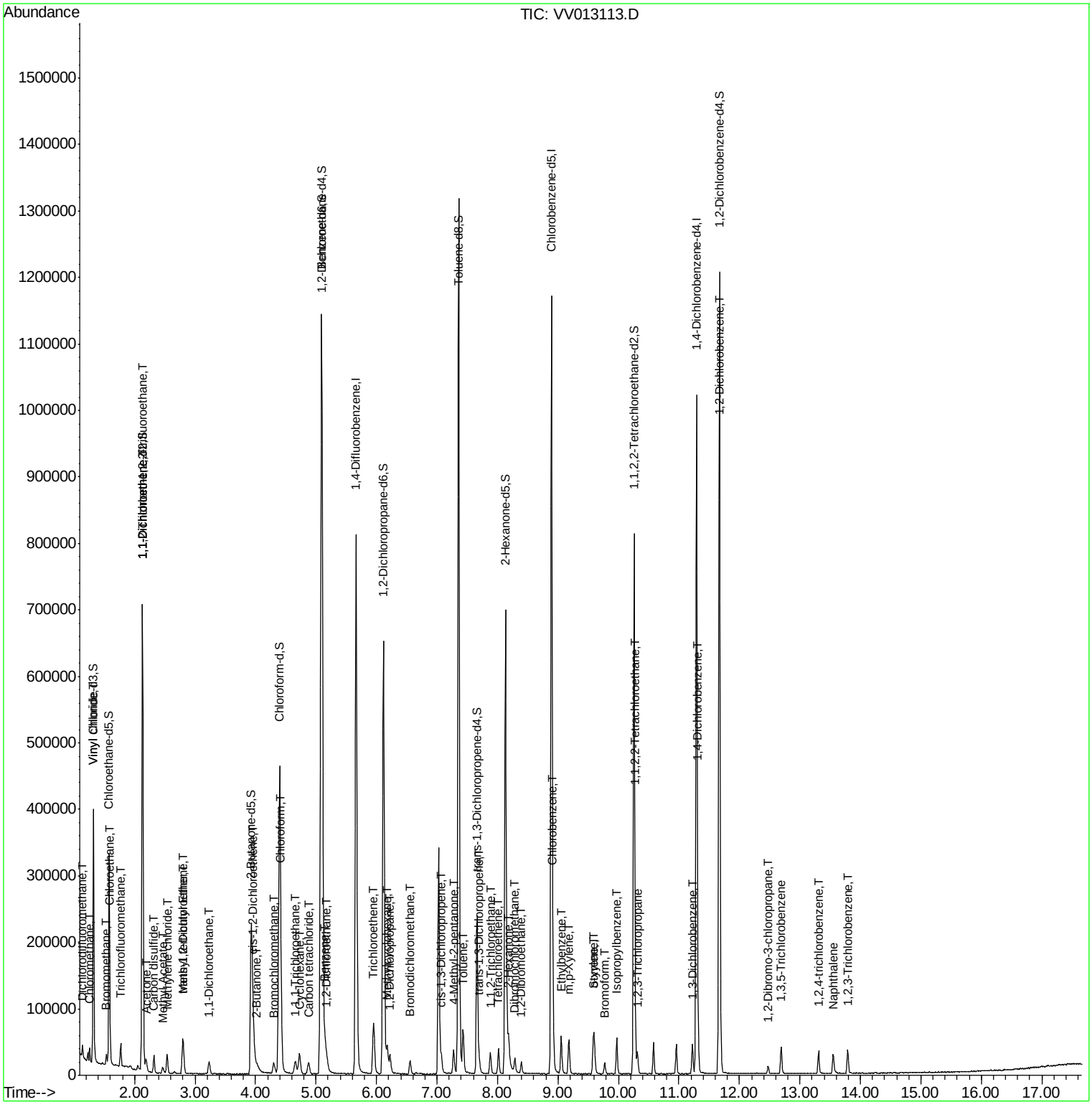
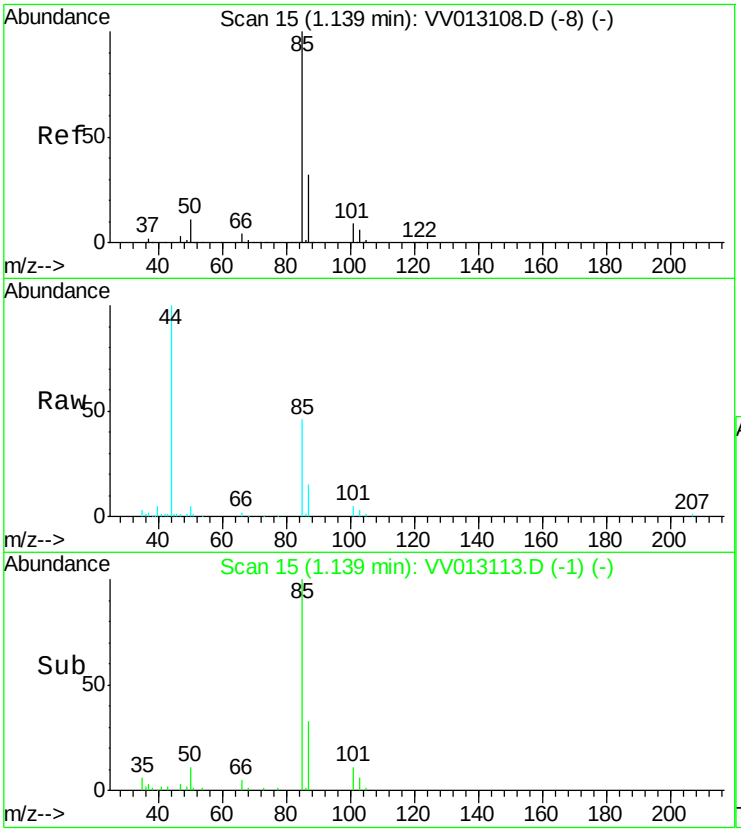
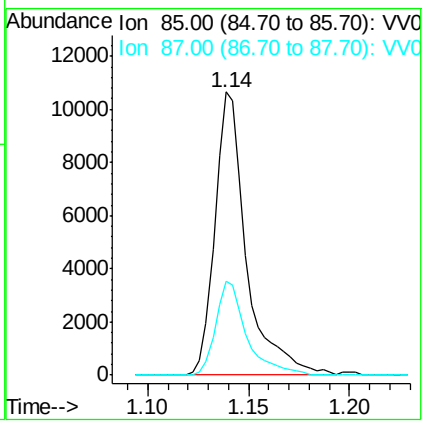




#2
Dichlorodifluoromethane
Concen: 2.109 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

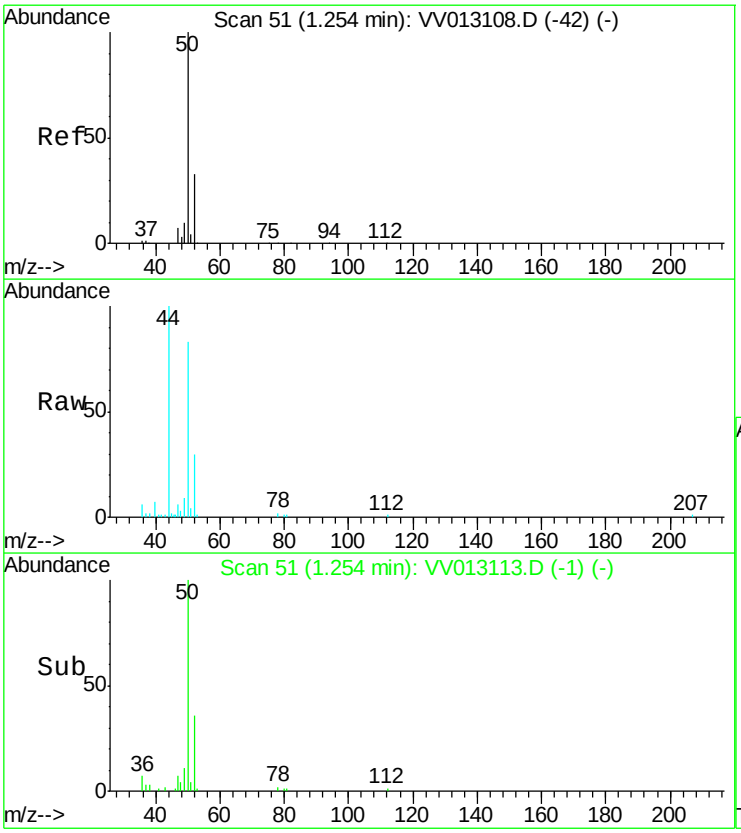
Tgt Ion: 85 Resp: 11562

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.6	38.4



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

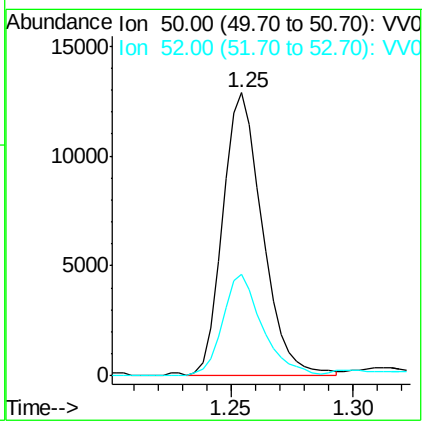
Manual Integrations APPROVED
MMDadoda
10/14/2019 4:13:22 PM

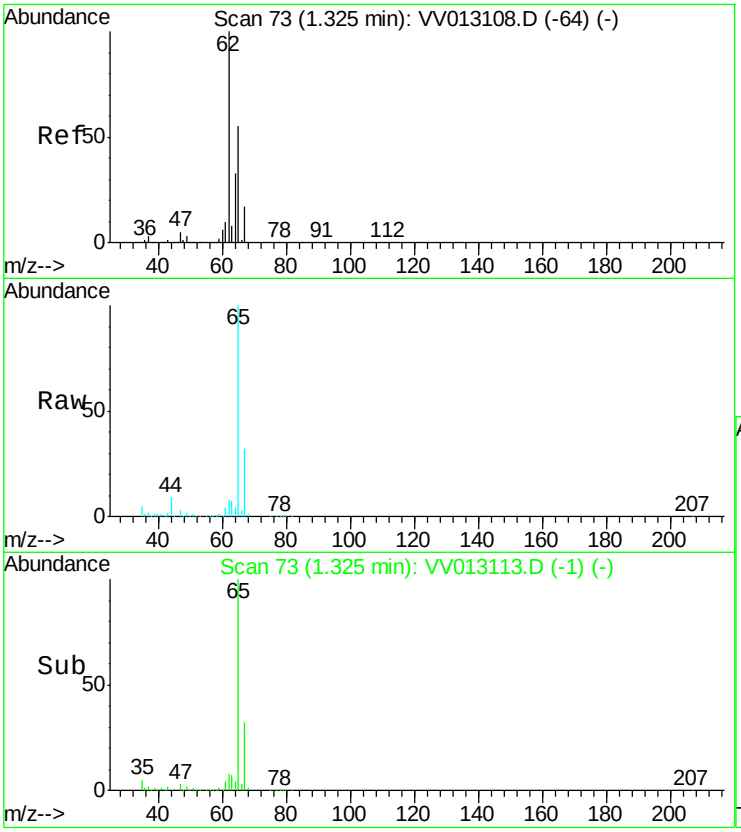


#3
Chloromethane
Concen: 2.358 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 50 Resp: 14707

Ion	Ratio	Lower	Upper
50	100		
52	36.0	23.0	42.6





#5
Vinyl chloride
Concen: 2.249 ug/L
RT: 1.33 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 62 Resp: 13474

Ion	Ratio	Lower	Upper
62	100		
64	49.9	22.9	42.5#

Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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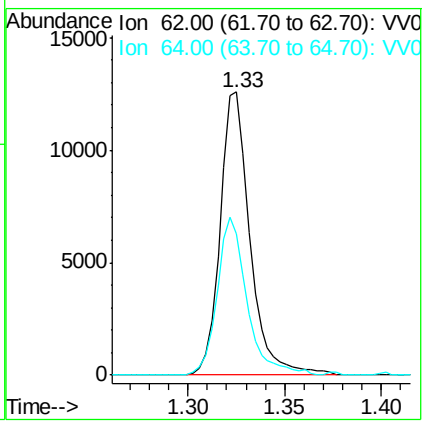
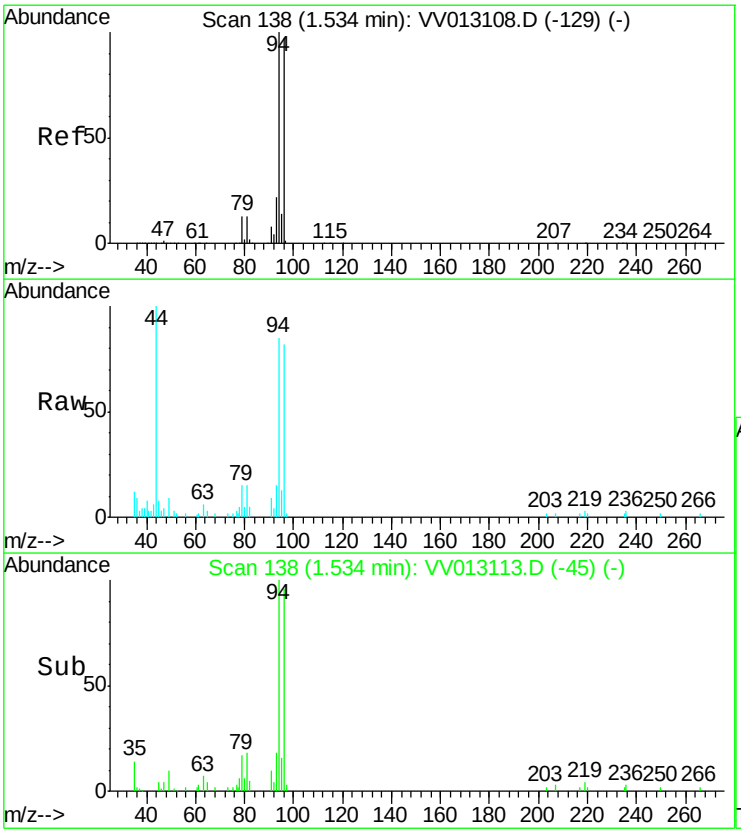
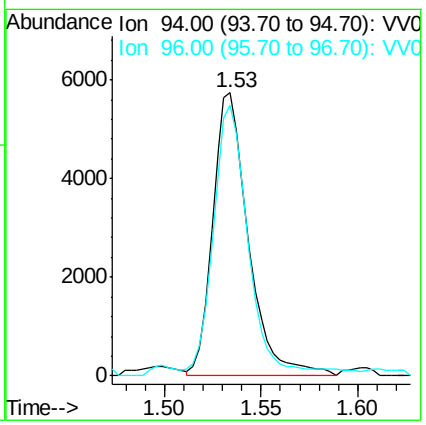


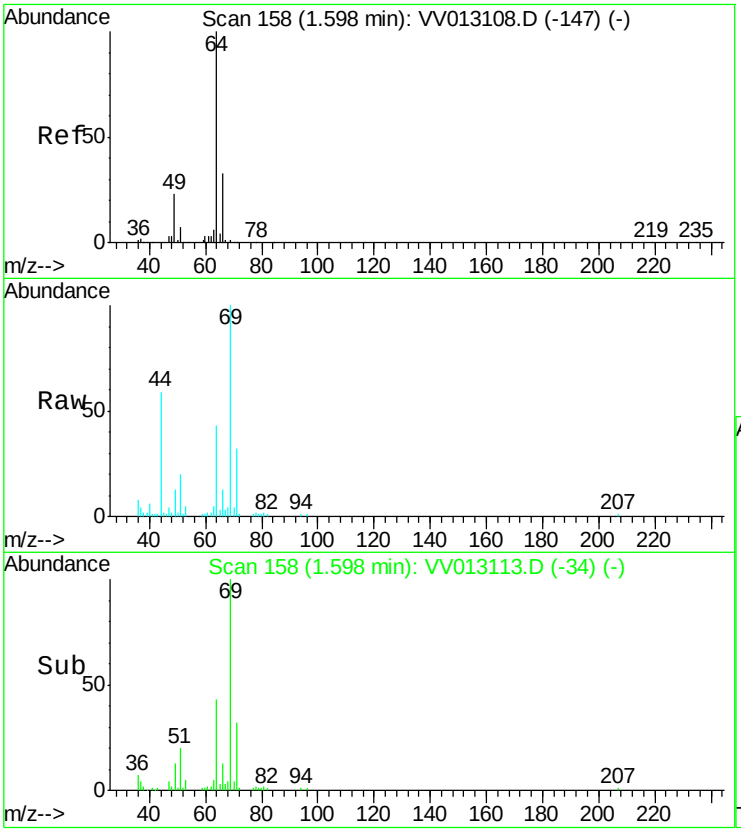


#6
Bromomethane
Concen: 2.402 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 94 Resp: 7366

Ion	Ratio	Lower	Upper
94	100		
96	95.7	68.0	126.2

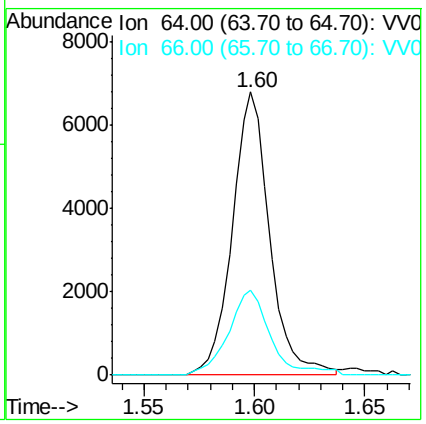




#8
Chloroethane
Concen: 2.241 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 64 Resp: 7988

Ion	Ratio	Lower	Upper
64	100		
66	30.0	23.0	42.8



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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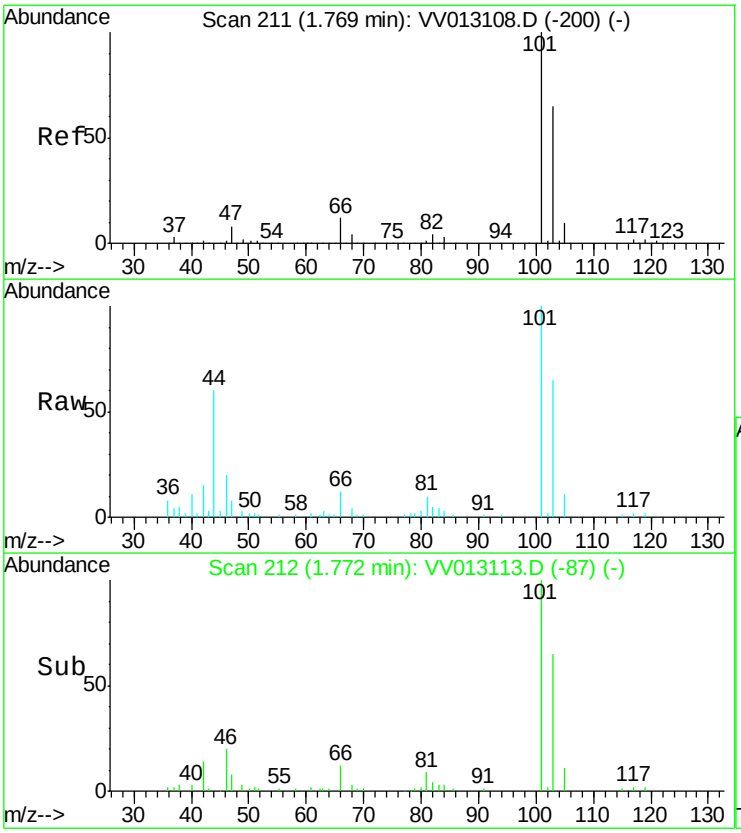
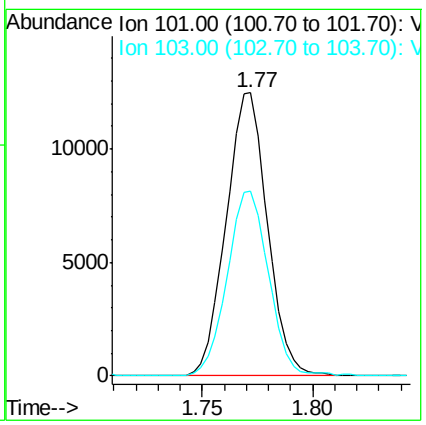
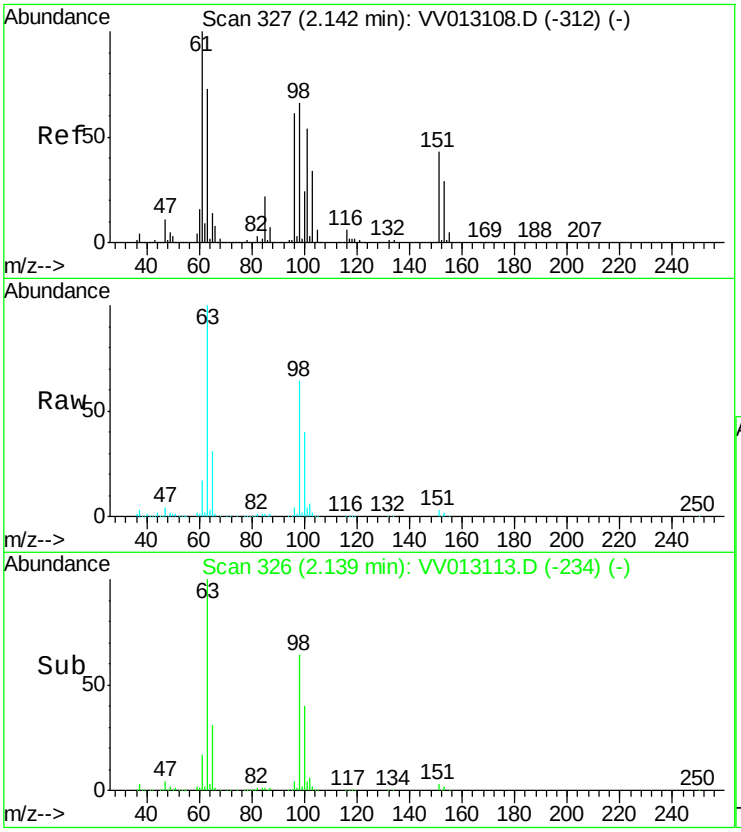


#9
Trichlorofluoromethane
Concen: 2.105 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:101 Resp: 16183

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.3	76.9





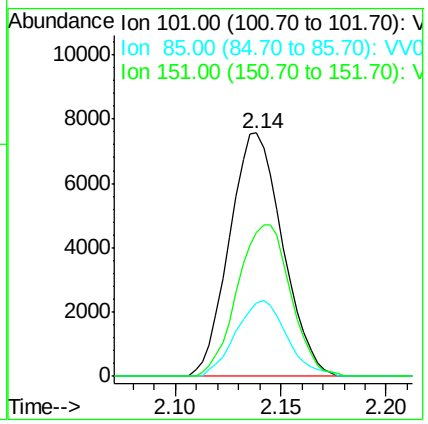
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.920 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

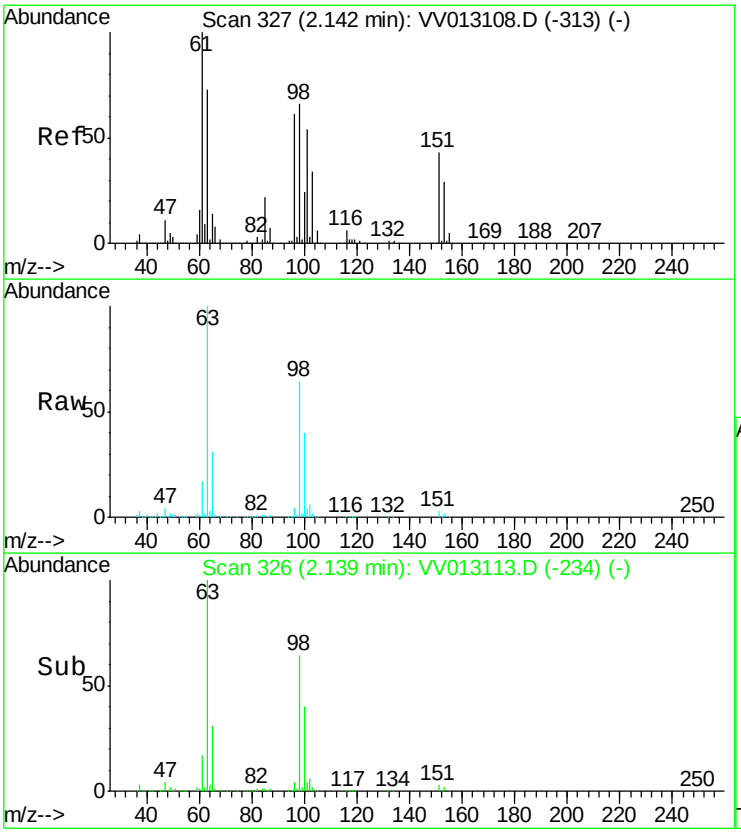
Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
MMDadoda
10/14/2019 4:13:22 PM

Tgt Ion:101 Resp: 13226

Ion	Ratio	Lower	Upper
101	100		
85	29.8	32.9	49.3#
151	62.4	64.9	97.3#

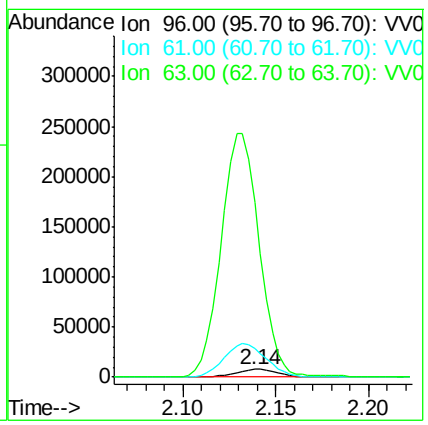


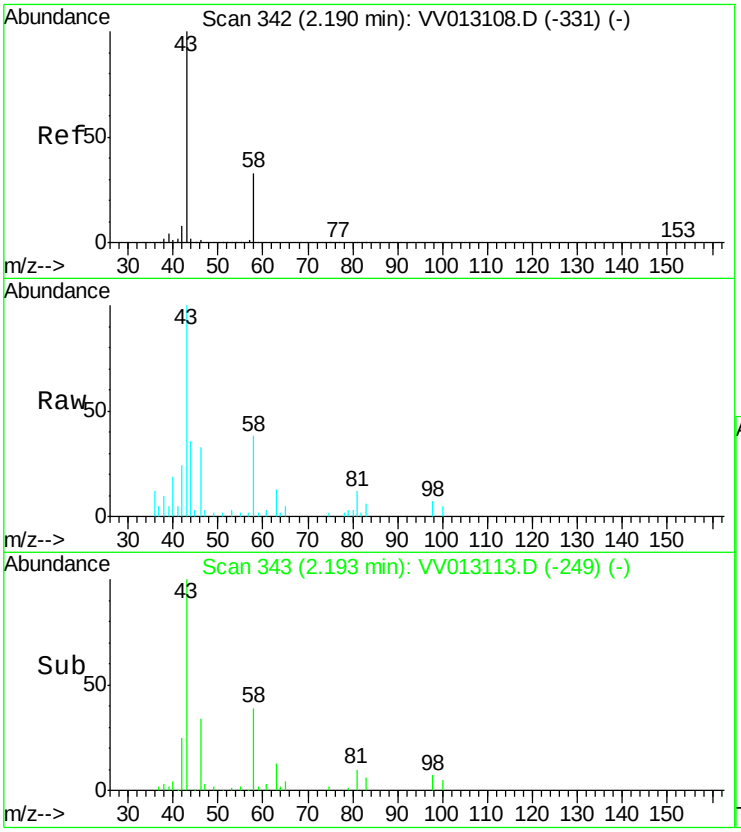


#12
1,1-Dichloroethene
Concen: 2.759 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 96 Resp: 12091

Ion	Ratio	Lower	Upper
96	100		
61	380.1	115.7	214.9#
63	2294.7	84.3	156.5#





#13
Acetone
Concen: 3.857 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 43 Resp: 11895

Ion	Ratio	Lower	Upper
43	100		
58	36.8	0.0	66.2

Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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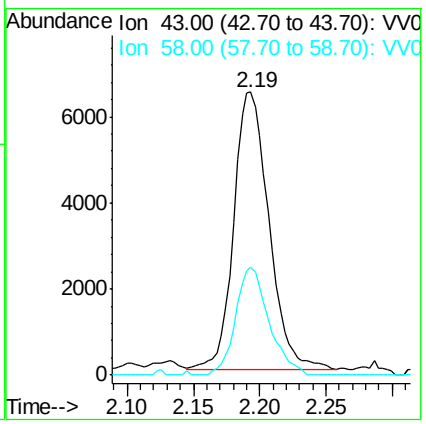
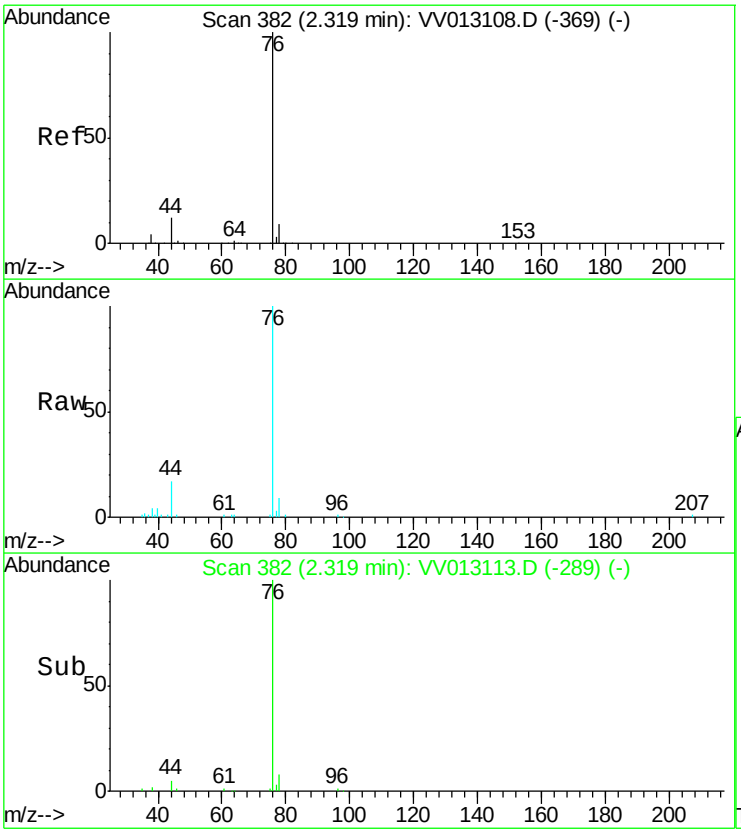
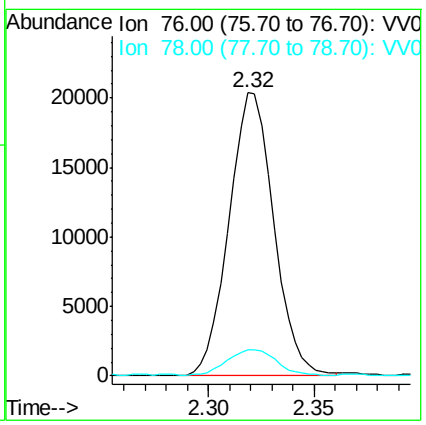


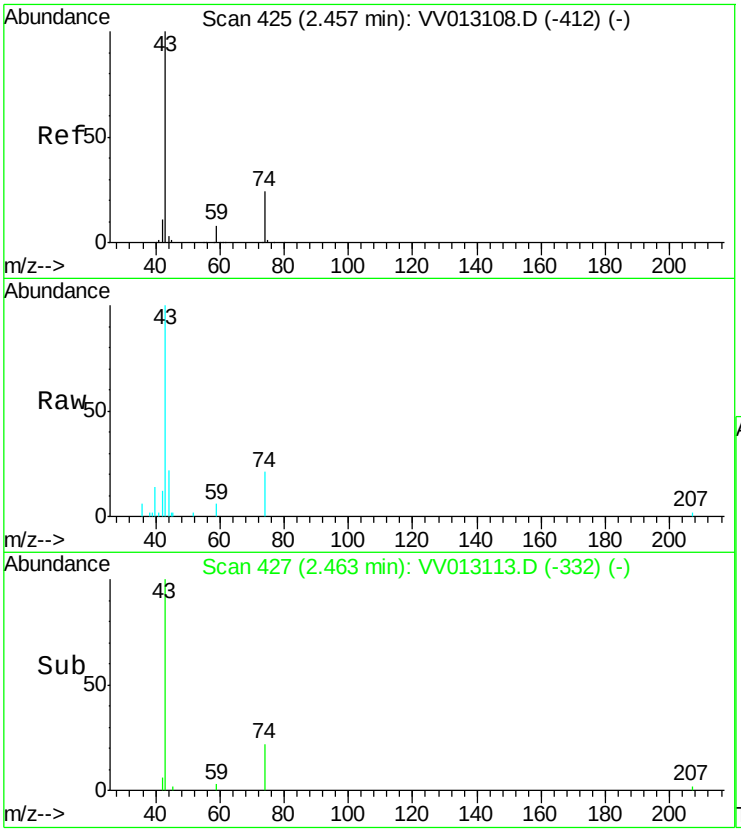


#14
Carbon disulfide
Concen: 2.370 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 76 Resp: 30124

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9





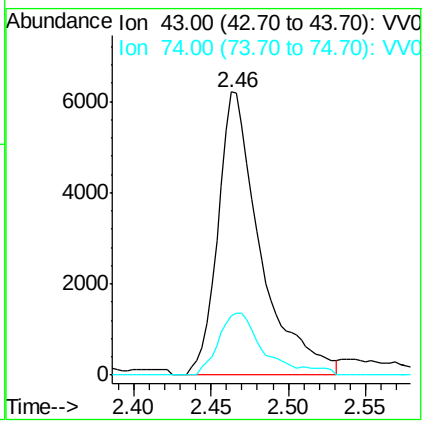
#15
Methyl Acetate
Concen: 2.170 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.01 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

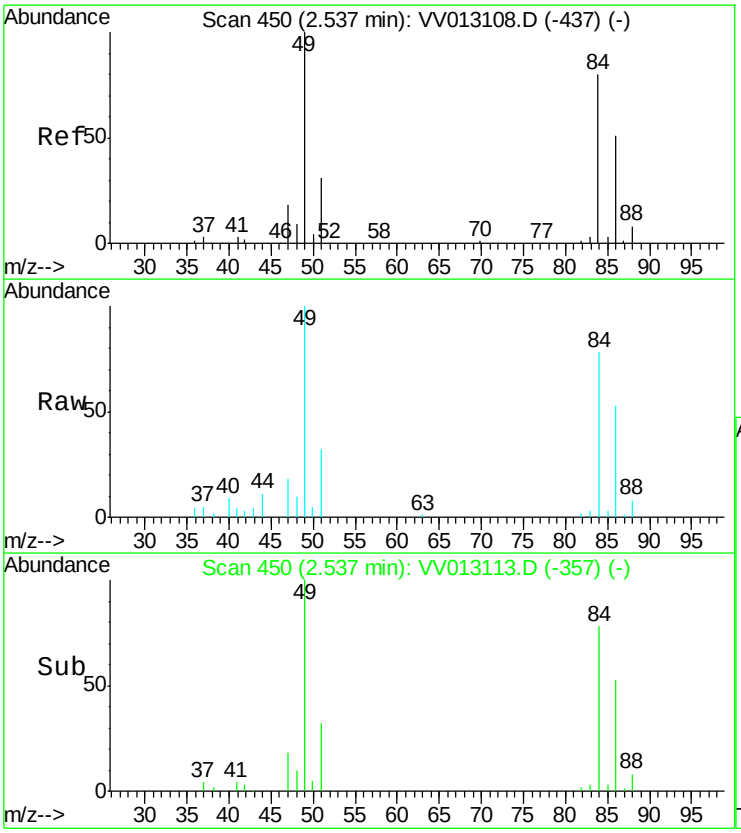
Tgt Ion: 43 Resp: 11859

Ion	Ratio	Lower	Upper
43	100		
74	21.6	18.4	27.6

Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
MMDadoda
10/14/2019 4:13:22 PM

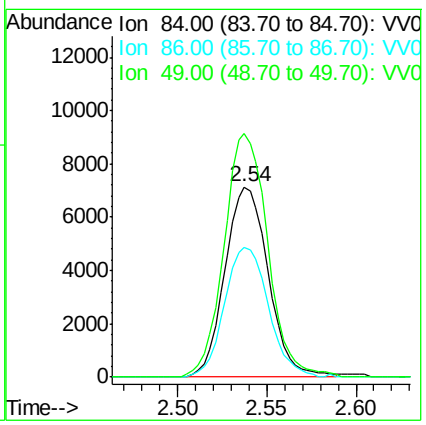


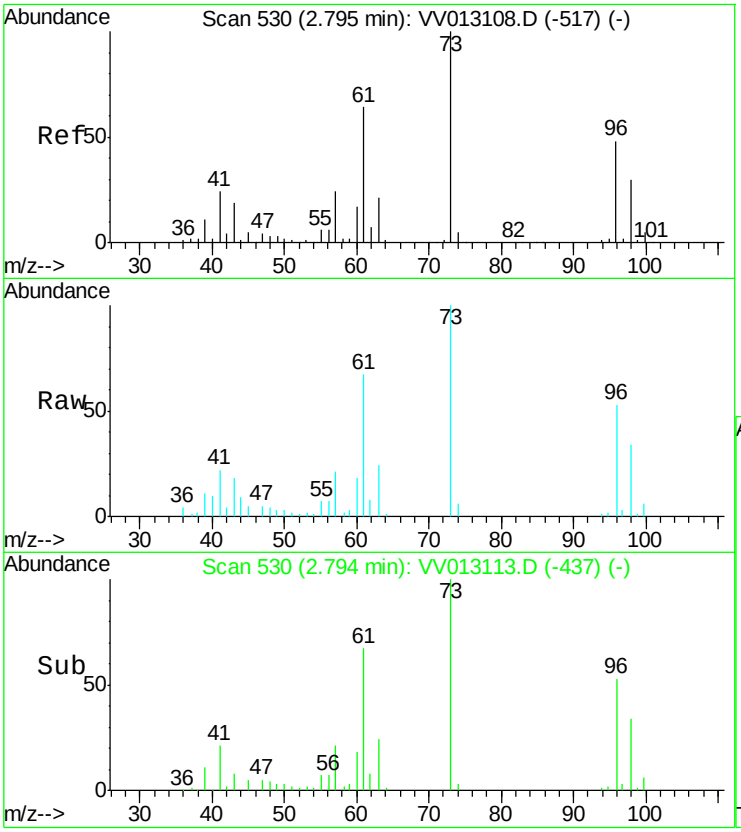


#16
Methylene chloride
Concen: 2.319 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 84 Resp: 12091

Ion	Ratio	Lower	Upper
84	100		
86	68.4	45.1	83.9
49	128.0	87.8	163.0

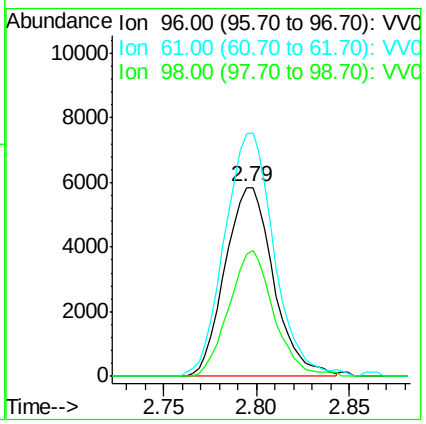




#17
trans-1,2-Dichloroethene
Concen: 2.237 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 96 Resp: 10635

Ion	Ratio	Lower	Upper
96	100		
61	127.8	93.9	174.5
98	64.5	43.9	81.5



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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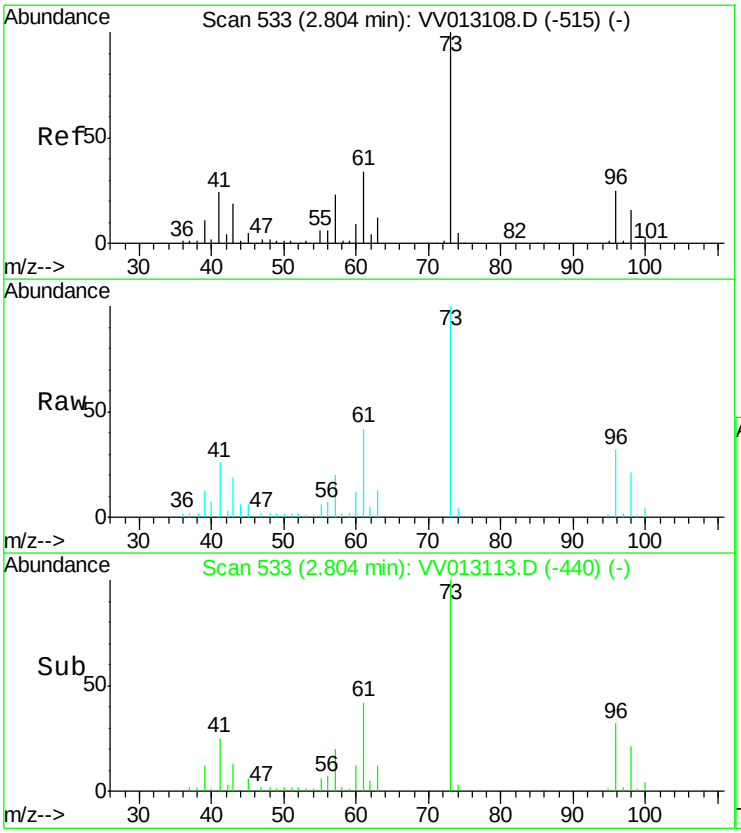
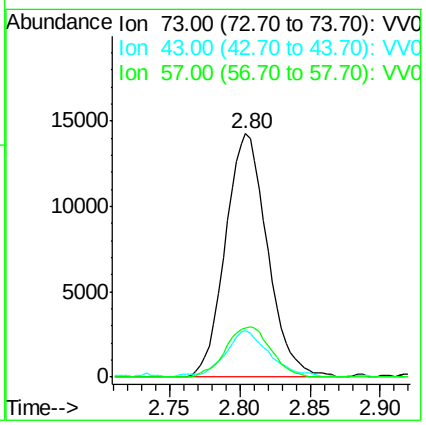
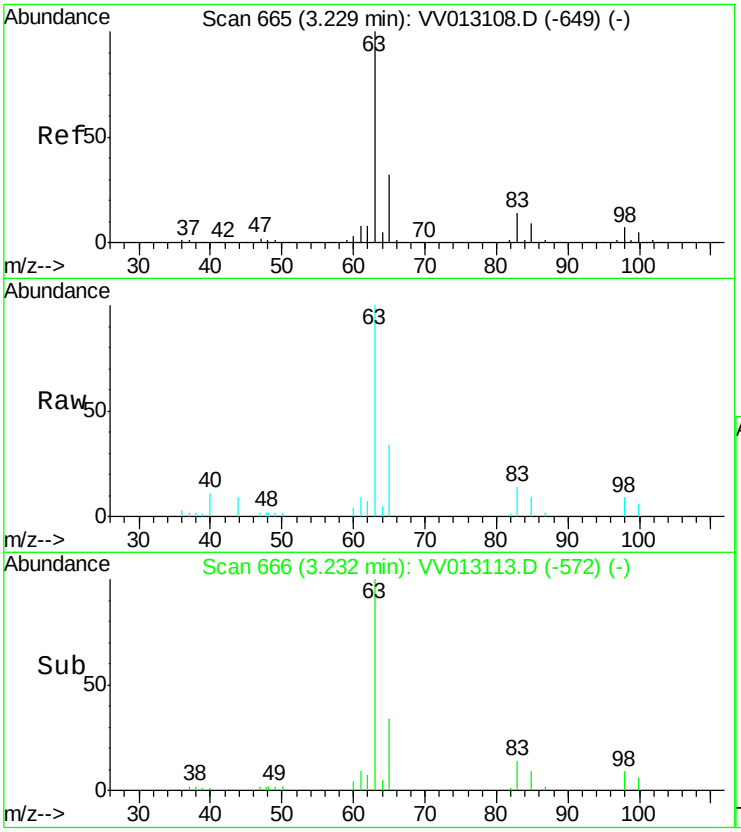


#18
Methyl tert-butyl Ether
Concen: 2.069 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 73 Resp: 29685

Ion	Ratio	Lower	Upper
73	100		
43	16.5	15.0	22.6
57	22.2	18.2	27.2

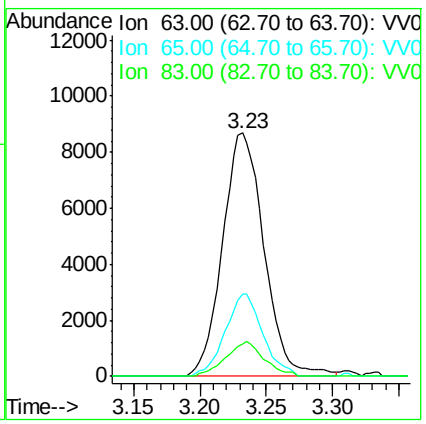




#19
1,1-Dichloroethane
Concen: 2.110 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 63 Resp: 18923

Ion	Ratio	Lower	Upper
63	100		
65	33.9	22.1	41.1
83	13.5	9.5	17.7



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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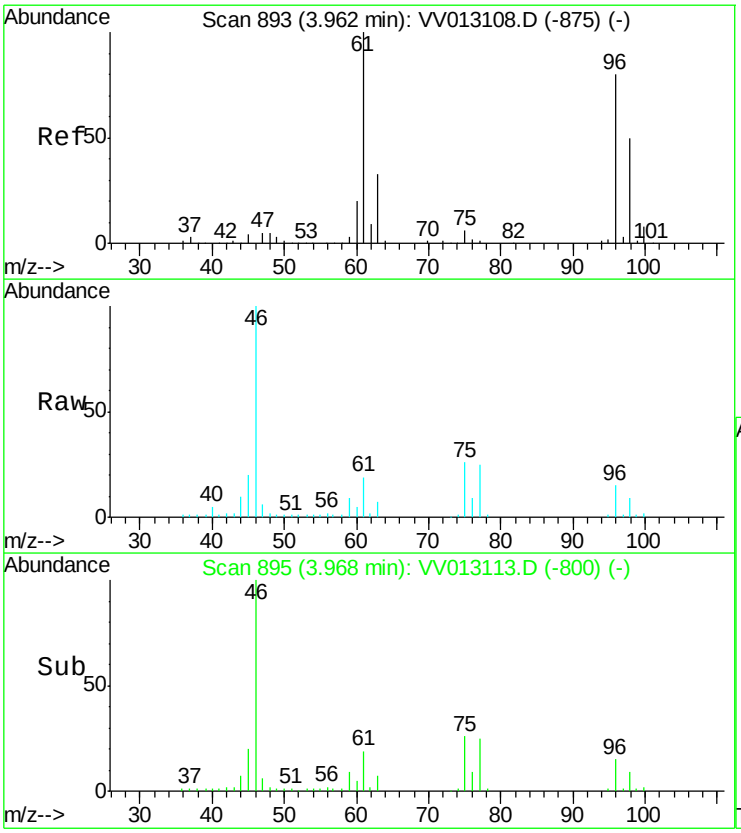
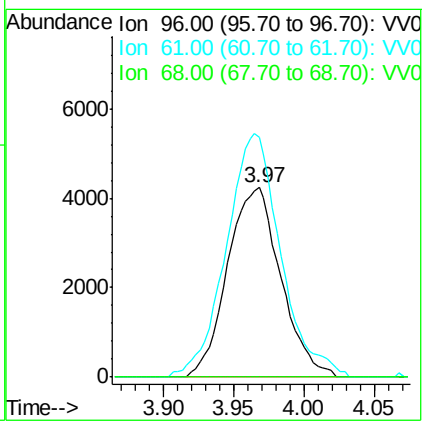
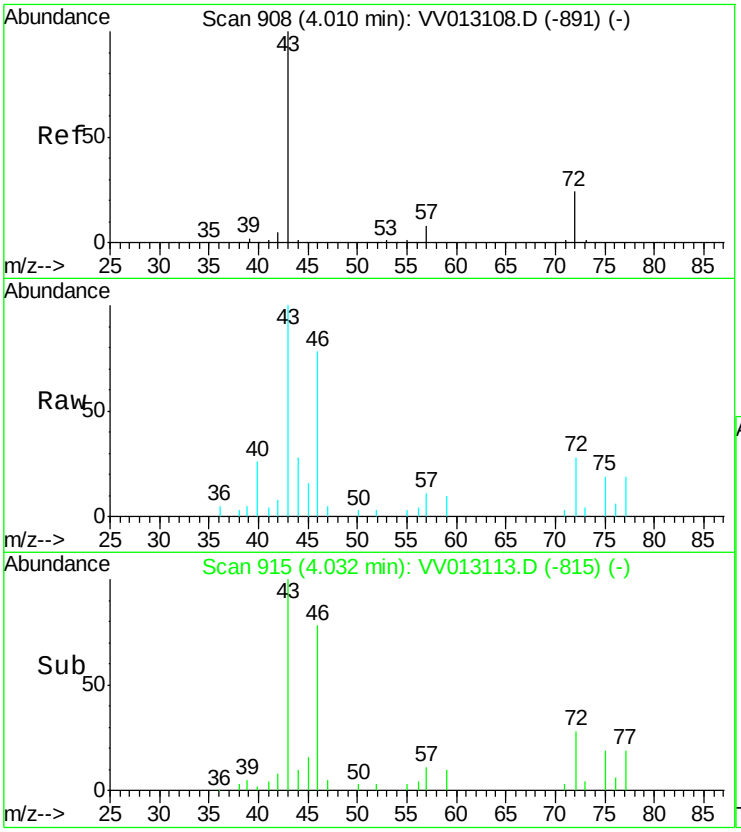


#20
cis-1,2-Dichloroethene
Concen: 2.076 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 96 Resp: 11169

Ion	Ratio	Lower	Upper
96	100		
61	126.7	87.5	162.5
68	0.0	0.0	0.0

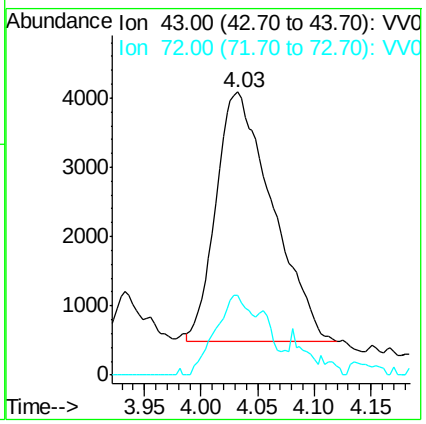




#22
2-Butanone
Concen: 3.186 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.02 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 43 Resp: 12504

Ion	Ratio	Lower	Upper
43	100		
72	20.5	12.8	38.4



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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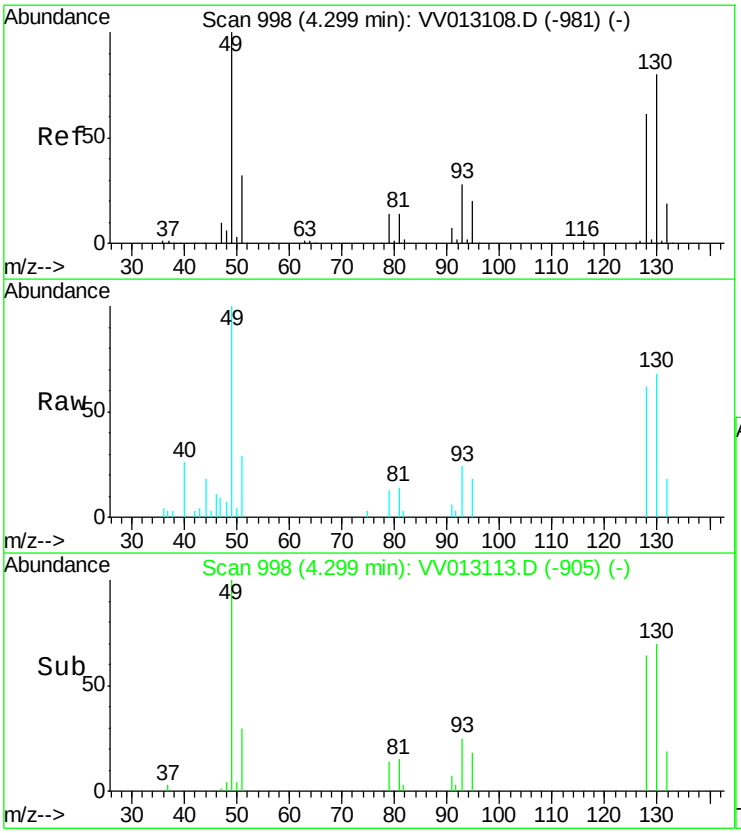
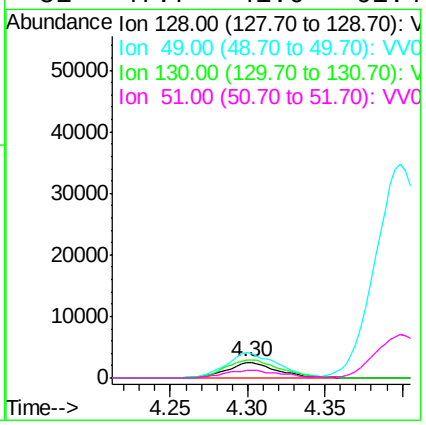
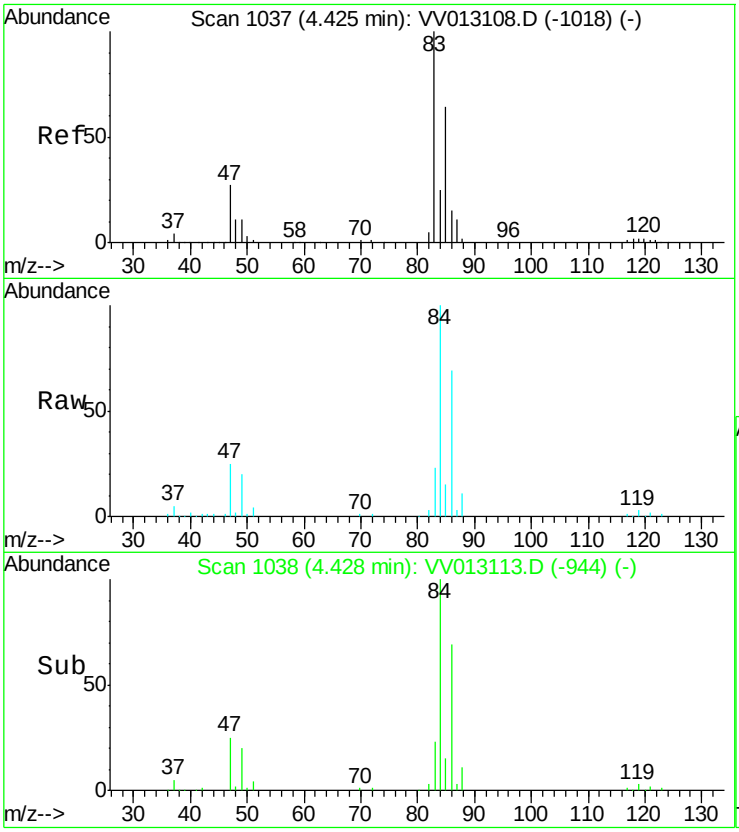


#23
Bromochloromethane
Concen: 2.083 ug/L
RT: 4.30 min Scan# 998
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:128 Resp: 5692

Ion	Ratio	Lower	Upper
128	100		
49	162.1	114.0	211.6
130	110.7	90.8	168.6
51	47.7	41.0	61.4





#25
Chloroform
Concen: 2.760 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 83 Resp: 24940

Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.7	82.9

Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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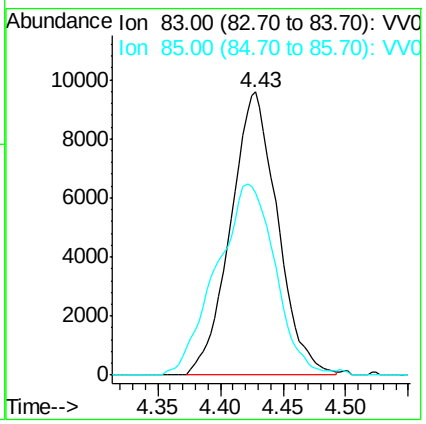
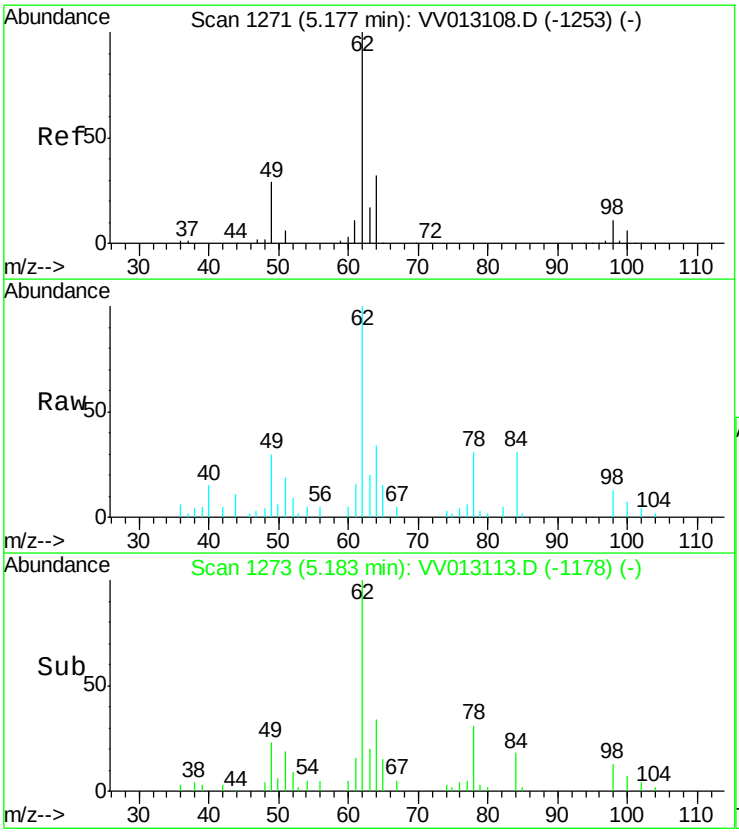
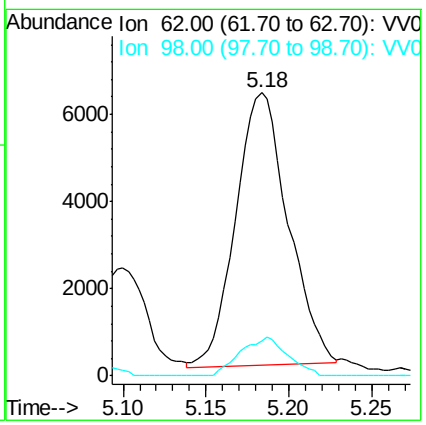


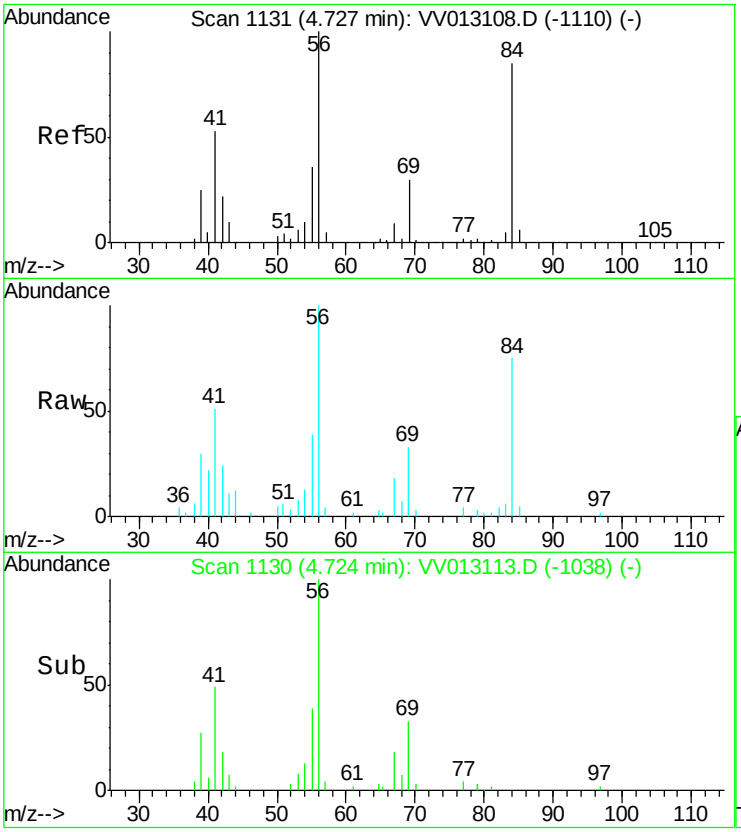


#27
1,2-Dichloroethane
Concen: 1.997 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 62 Resp: 13830

Ion	Ratio	Lower	Upper
62	100		
98	12.5	8.3	12.5#

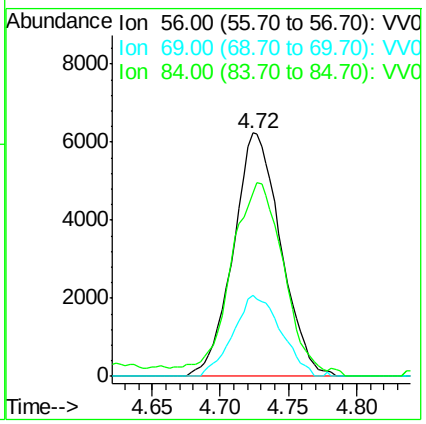




#29
Cyclohexane
Concen: 1.920 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 56 Resp: 15073

Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.2	36.4
84	83.6	69.9	104.9



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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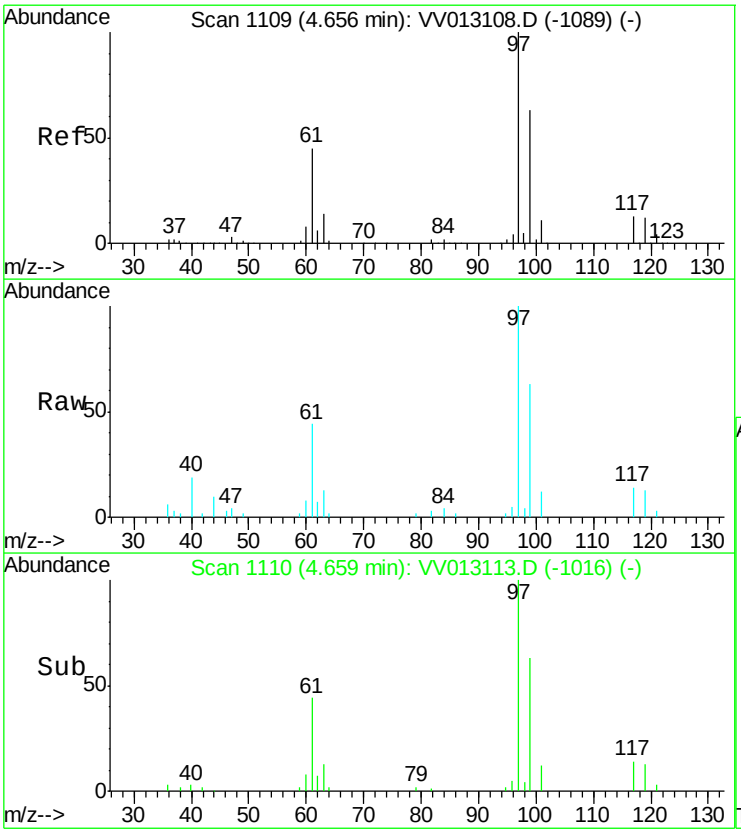
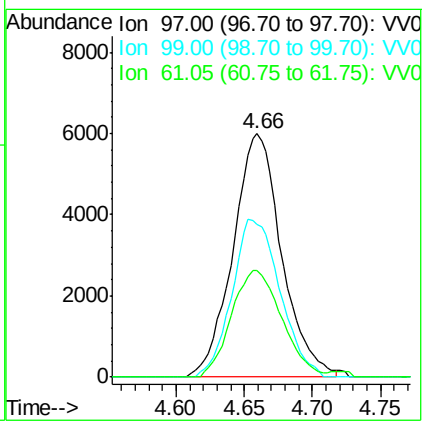
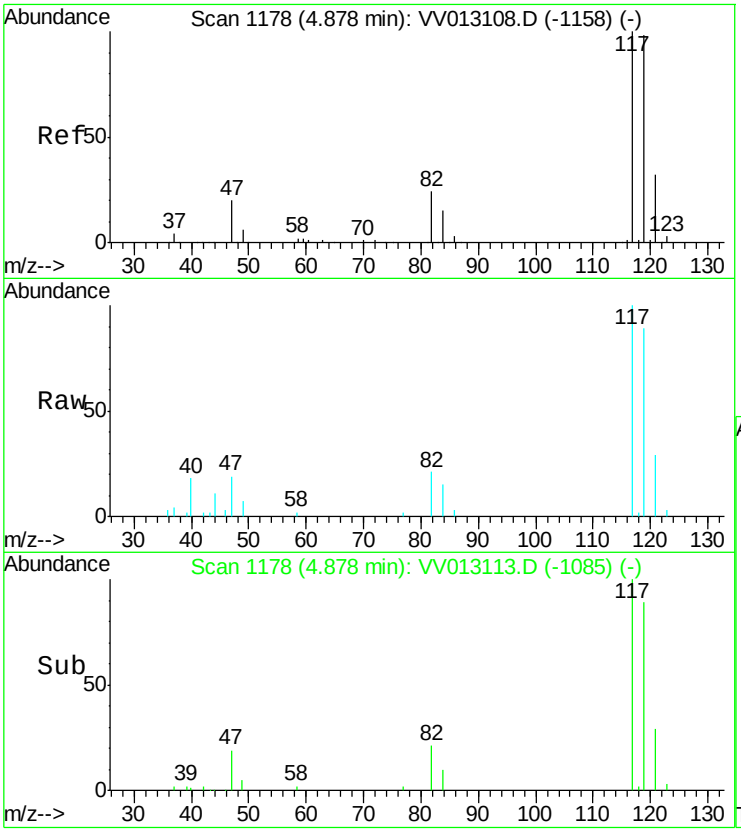


#30
1,1,1-Trichloroethane
Concen: 2.045 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 97 Resp: 14875

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	45.2	36.8	55.2

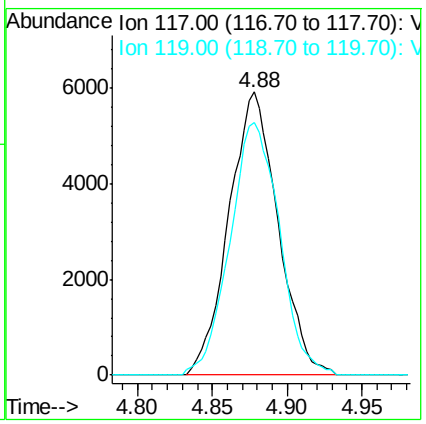




#31
Carbon tetrachloride
Concen: 2.088 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:117 Resp: 13500

Ion	Ratio	Lower	Upper
117	100		
119	90.3	77.4	116.0



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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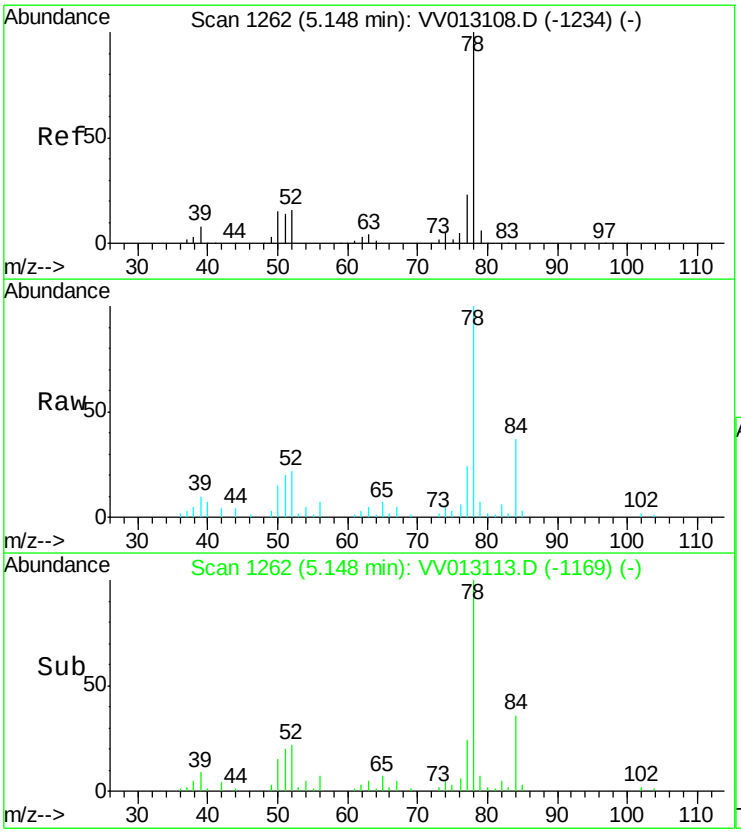
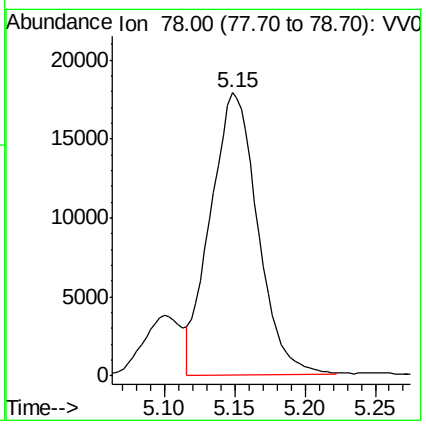
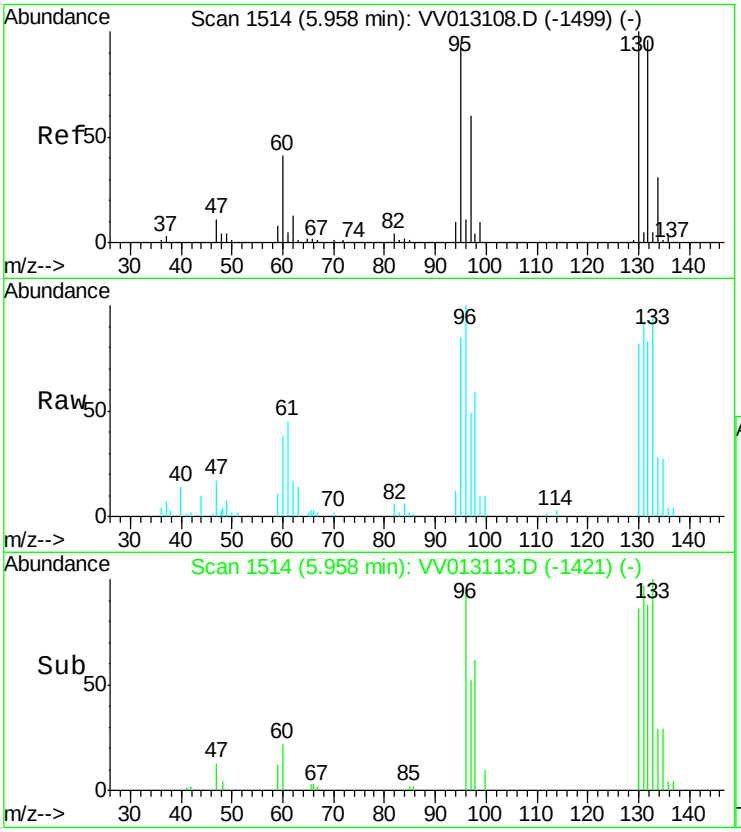


#33
Benzene
Concen: 2.083 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 78 Resp: 41601

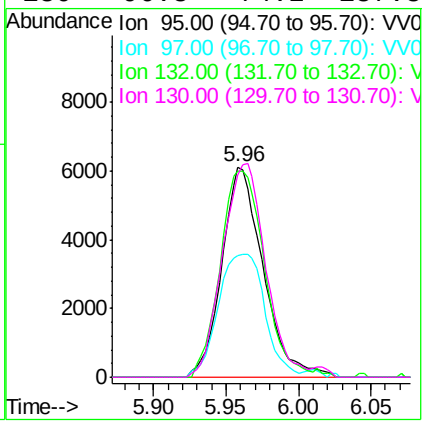




#34
Trichloroethene
Concen: 2.272 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 95 Resp: 12082

Ion	Ratio	Lower	Upper
95	100		
97	57.9	44.7	82.9
132	98.4	71.4	132.6
130	96.3	74.2	137.8



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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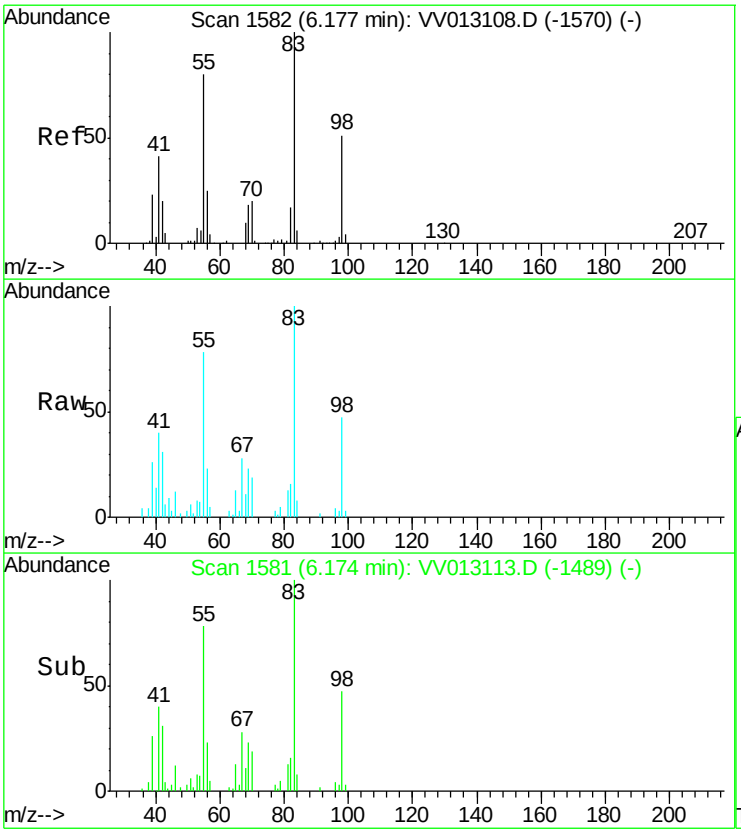
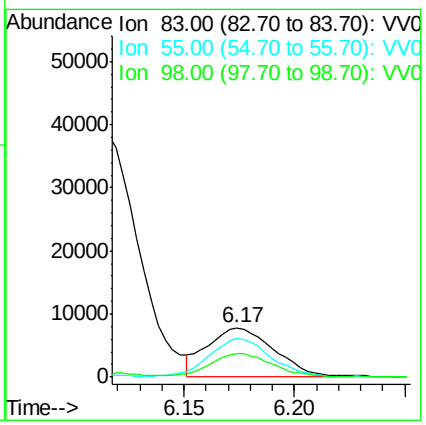
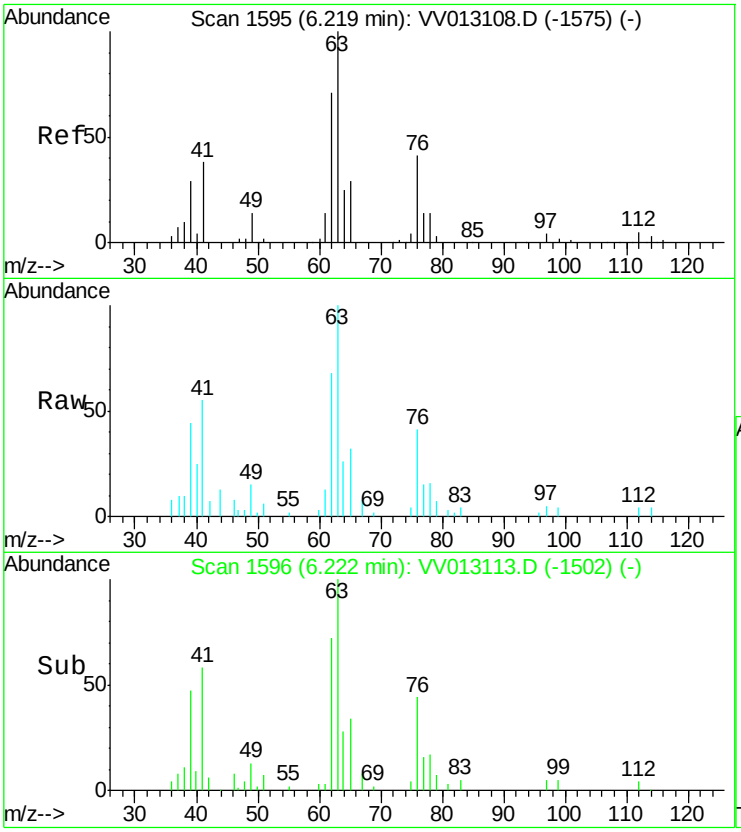


#35
Methylcyclohexane
Concen: 1.980 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 83 Resp: 15924

Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.2	91.8
98	46.0	40.1	60.1

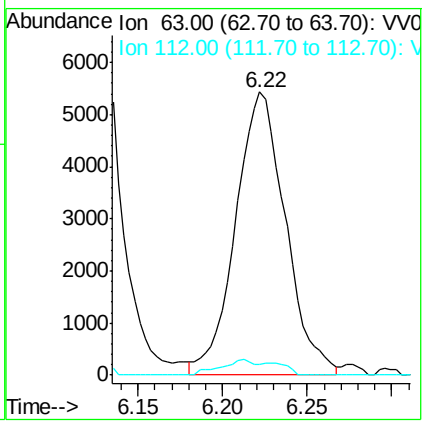




#37
1,2-Dichloropropane
Concen: 2.154 ug/L m
RT: 6.22 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 63 Resp: 11139

Ion	Ratio	Lower	Upper
63	100		
112	1.1	3.8	5.8#



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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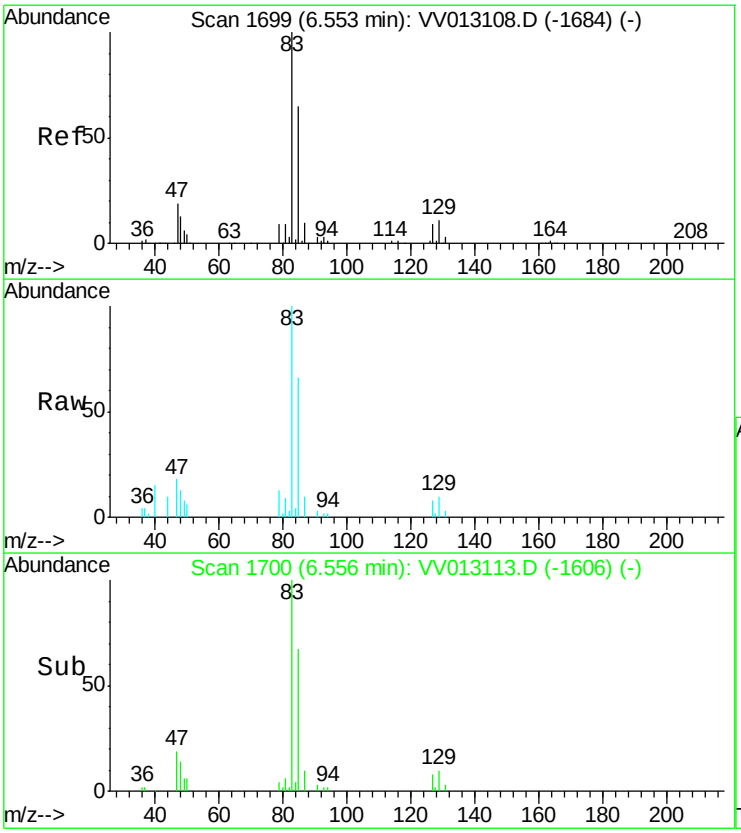
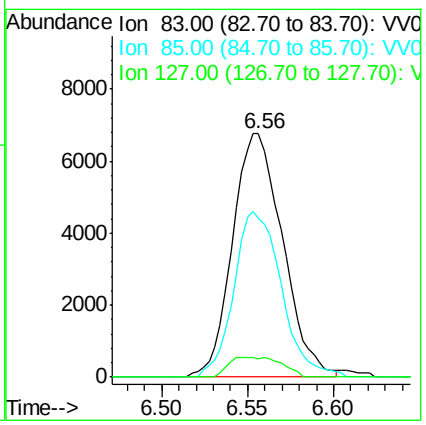
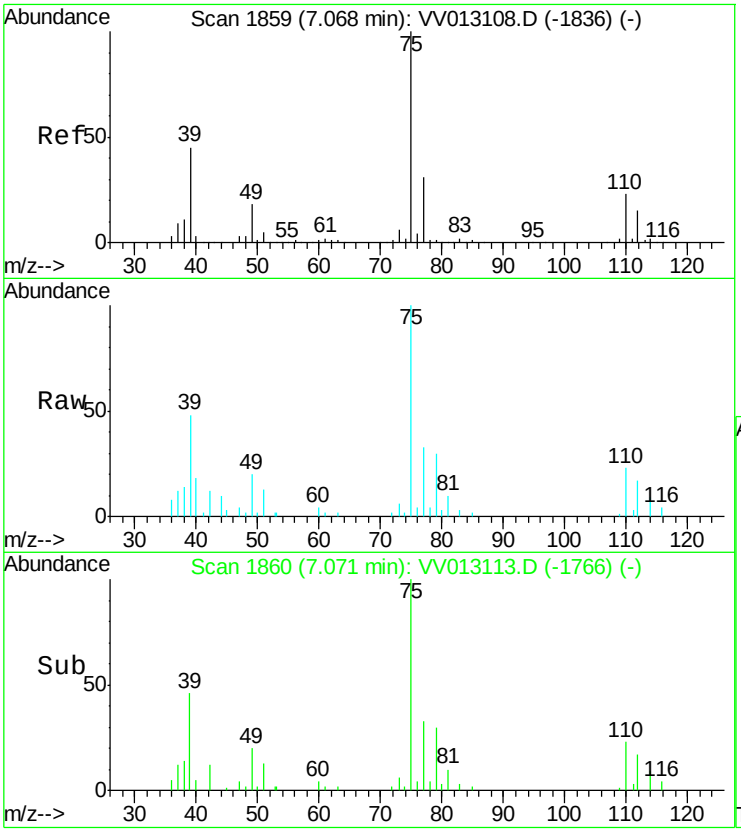


#38
Bromodichloromethane
Concen: 2.080 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 83 Resp: 13684

Ion	Ratio	Lower	Upper
83	100		
85	65.5	45.8	85.0
127	9.8	7.4	11.0

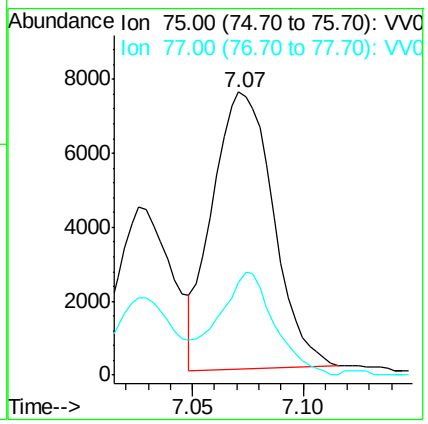




#39
cis-1,3-Dichloropropene
Concen: 1.876 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 75 Resp: 14347

Ion	Ratio	Lower	Upper
75	100		
77	32.6	21.7	40.3



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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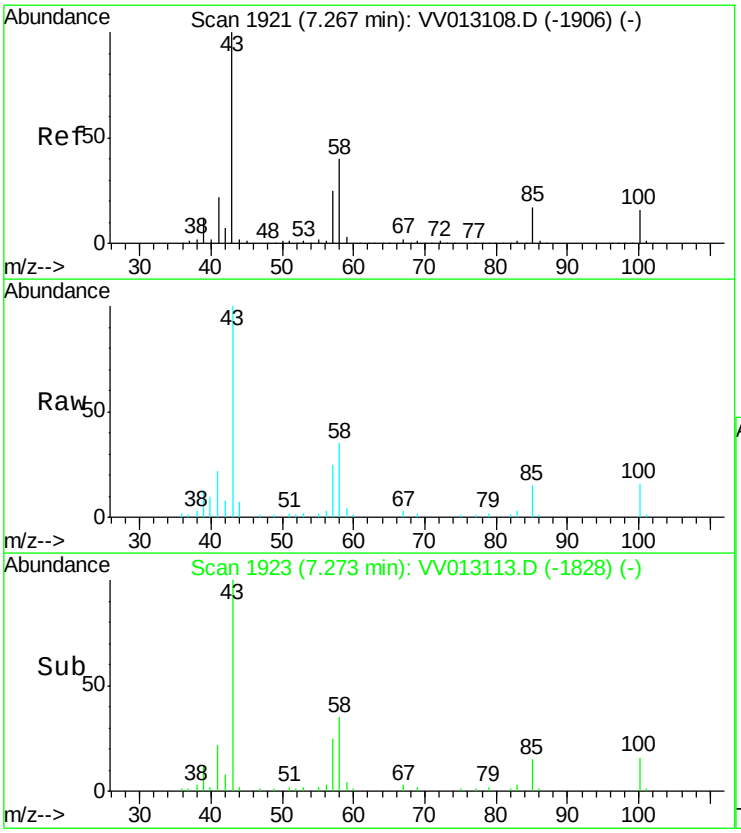
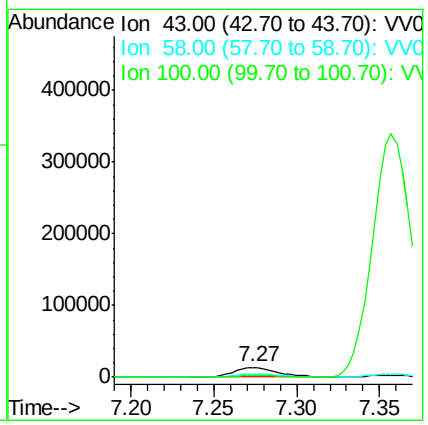
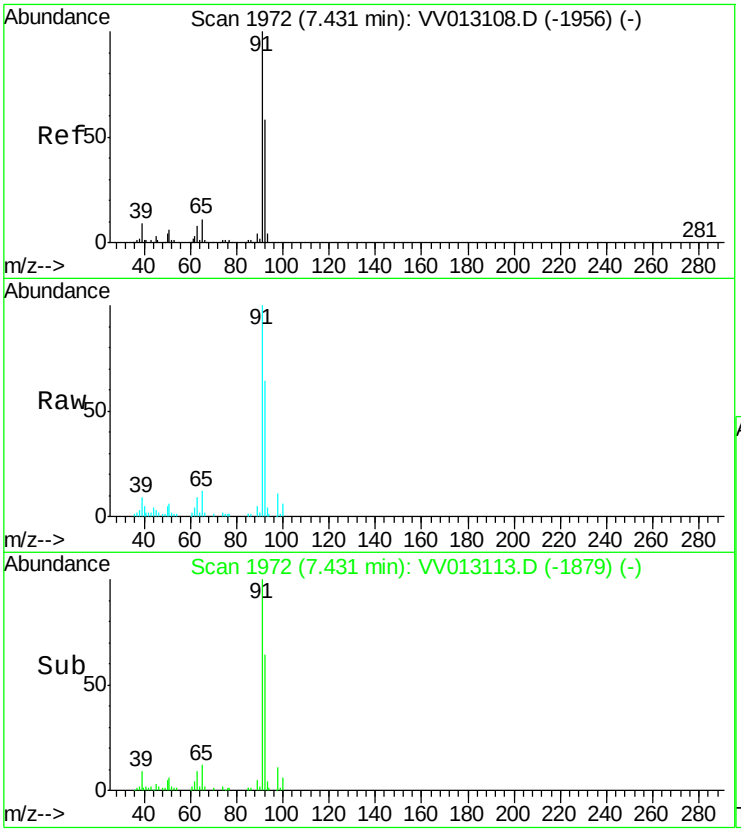


#40
4-Methyl-2-pentanone
Concen: 3.688 ug/L
RT: 7.27 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 43 Resp: 24962

Ion	Ratio	Lower	Upper
43	100		
58	36.9	32.0	48.0
100	17.5	12.7	19.1





#42
Toluene
Concen: 2.127 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 91 Resp: 43732

Ion	Ratio	Lower	Upper
91	100		
92	63.6	40.8	75.8

Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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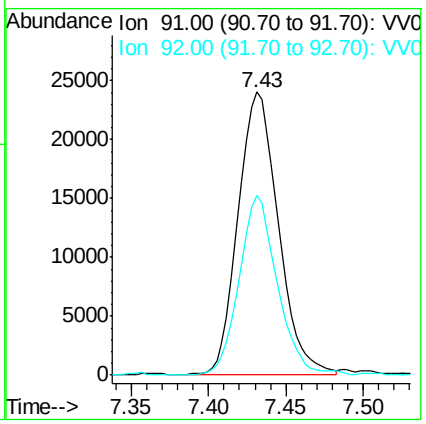
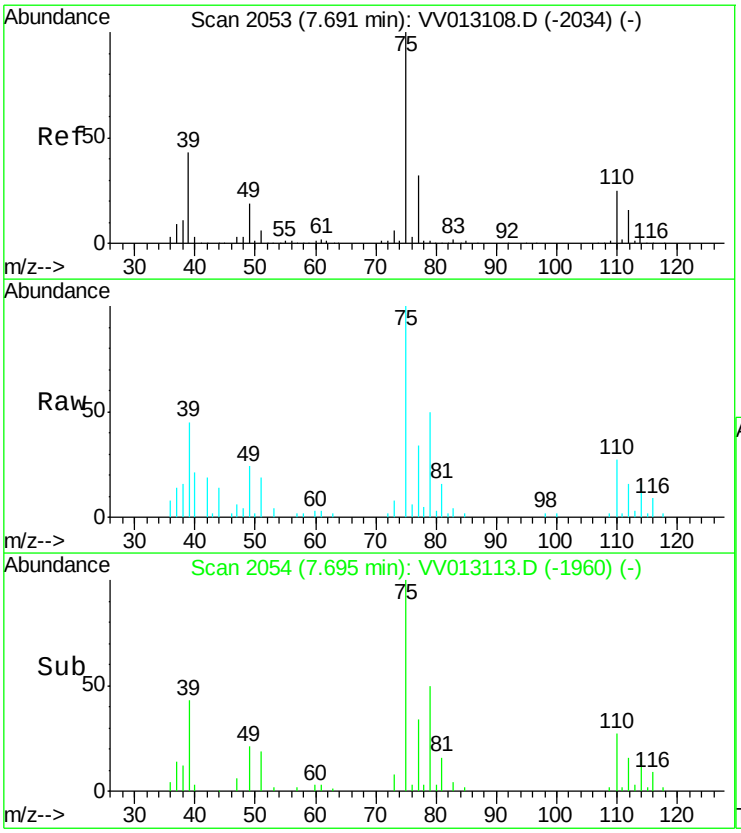
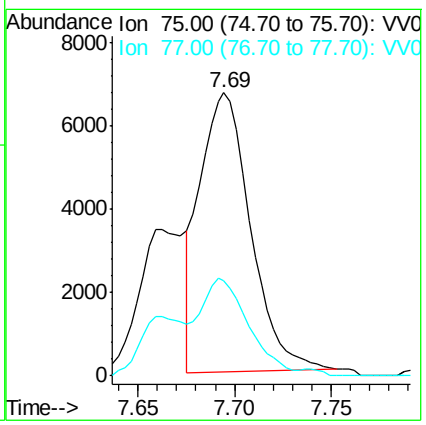


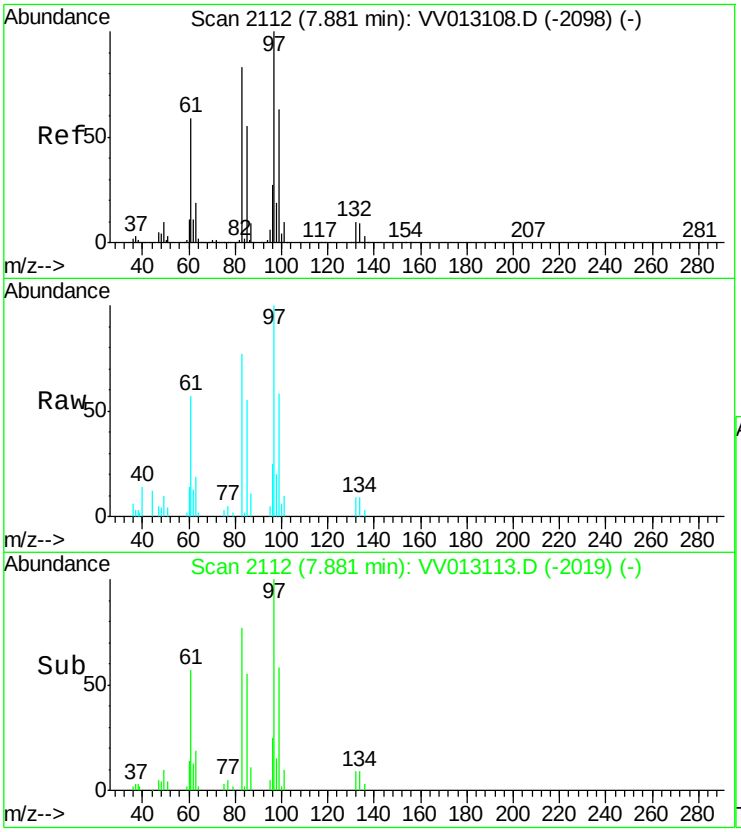


#44
trans-1,3-Dichloropropene
Concen: 1.841 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 75 Resp: 12207

Ion	Ratio	Lower	Upper
75	100		
77	33.6	22.0	41.0

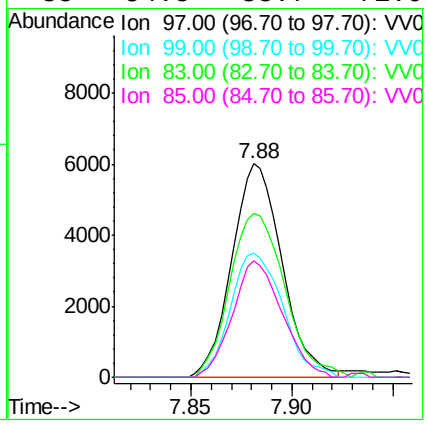




#45
1,1,2-Trichloroethane
Concen: 2.130 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 97 Resp: 10457

Ion	Ratio	Lower	Upper
97	100		
99	58.2	44.4	82.5
83	77.0	58.2	108.0
85	54.5	38.7	71.9



Instrument :
MSVOA_V
ClientSampleId :
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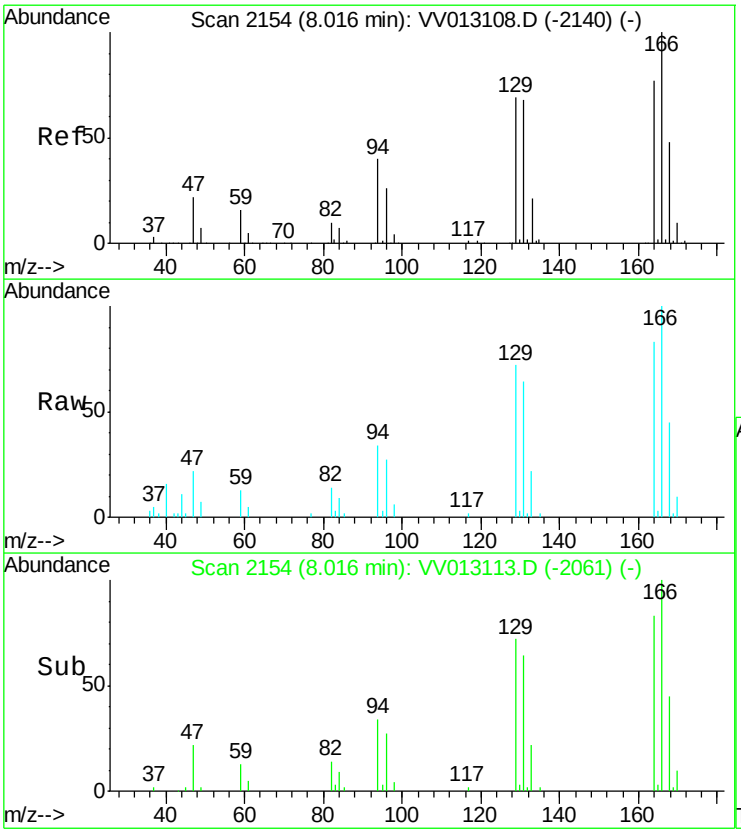
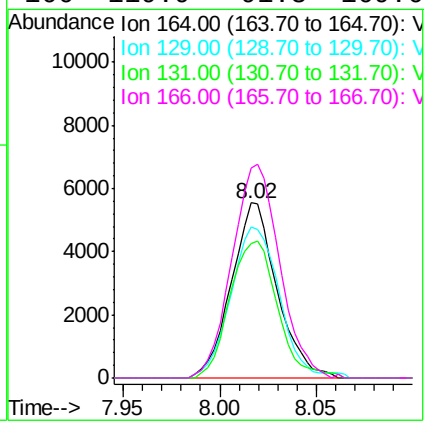
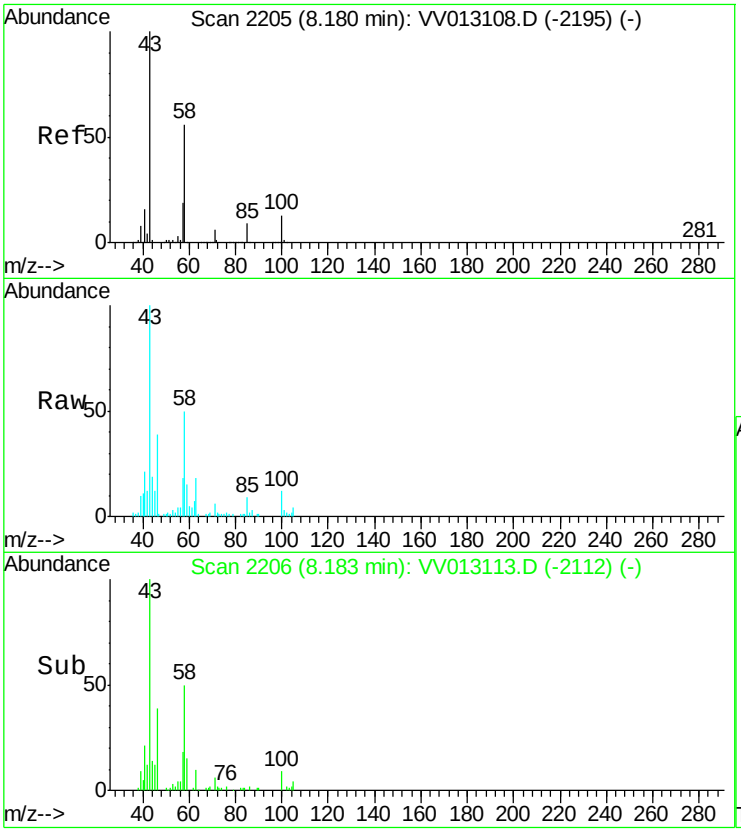


#46
Tetrachloroethene
Concen: 2.161 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:164 Resp: 9098

Ion	Ratio	Lower	Upper
164	100		
129	86.0	63.1	117.1
131	76.7	62.4	116.0
166	119.9	91.3	169.6

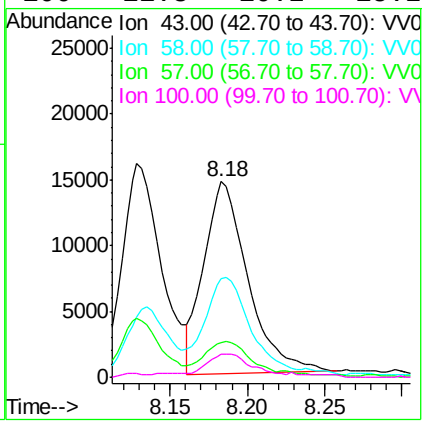




#48
2-Hexanone
Concen: 5.509 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 43 Resp: 28837

Ion	Ratio	Lower	Upper
43	100		
58	48.4	44.9	67.3
57	15.8	15.0	22.6
100	11.3	10.2	15.2



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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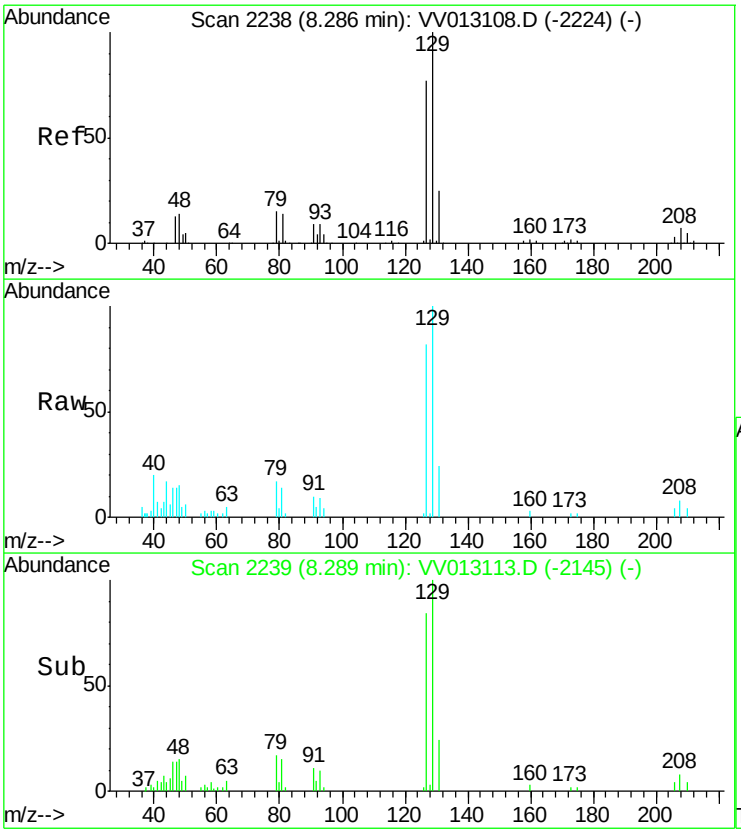
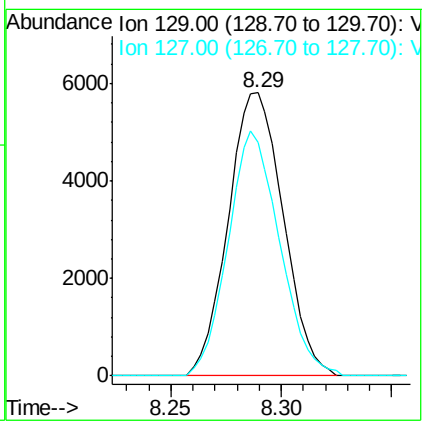
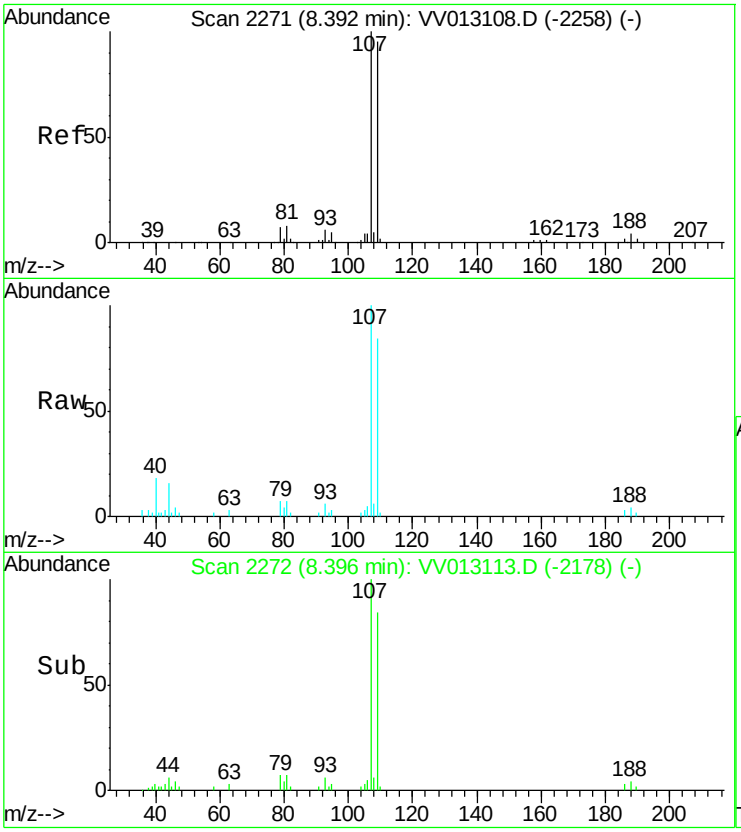


#49
Dibromochloromethane
Concen: 1.878 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:129 Resp: 10051

Ion	Ratio	Lower	Upper
129	100		
127	82.4	54.0	100.4

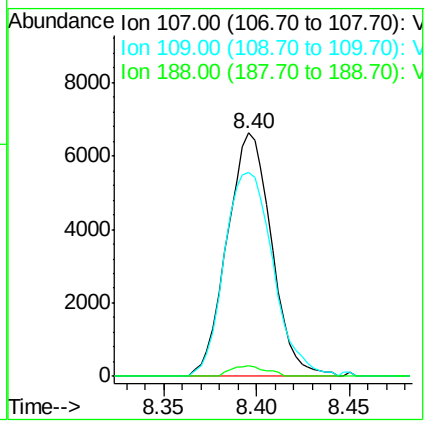




#50
1,2-Dibromoethane
Concen: 2.157 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:107 Resp: 11070

Ion	Ratio	Lower	Upper
107	100		
109	83.9	66.6	123.6
188	4.3	3.4	5.2



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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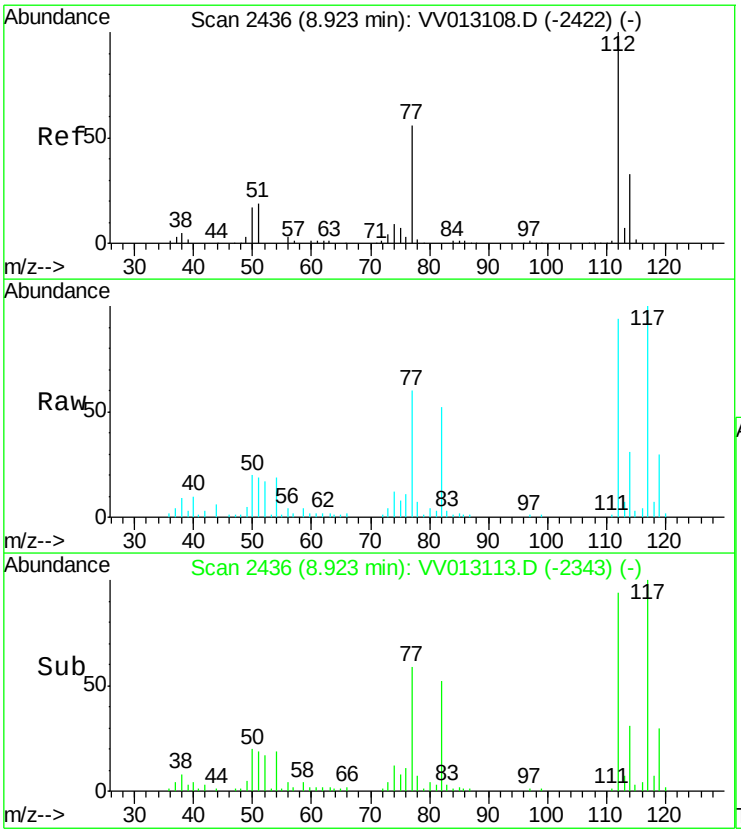
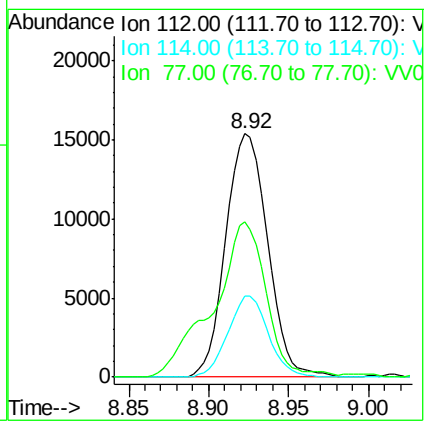
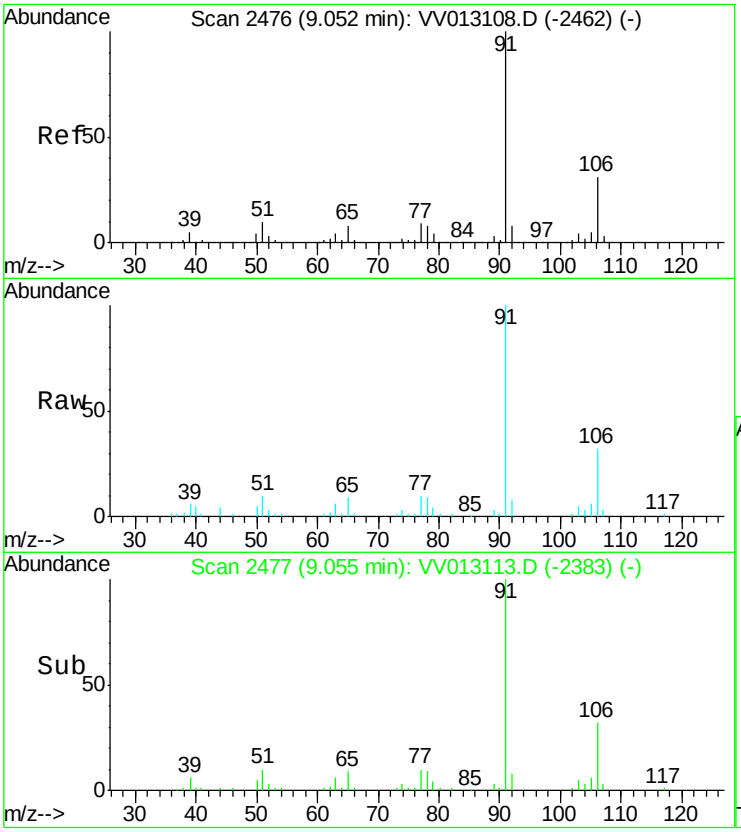


#51
Chlorobenzene
Concen: 2.043 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:112 Resp: 27539

Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.8	42.4
77	63.8	45.1	67.7

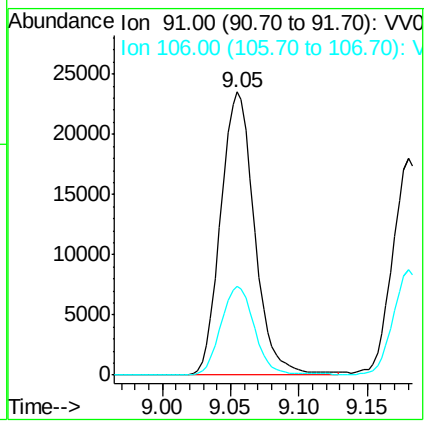




#52
Ethylbenzene
Concen: 1.852 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 91 Resp: 40668

Ion	Ratio	Lower	Upper
91	100		
106	31.5	21.8	40.4



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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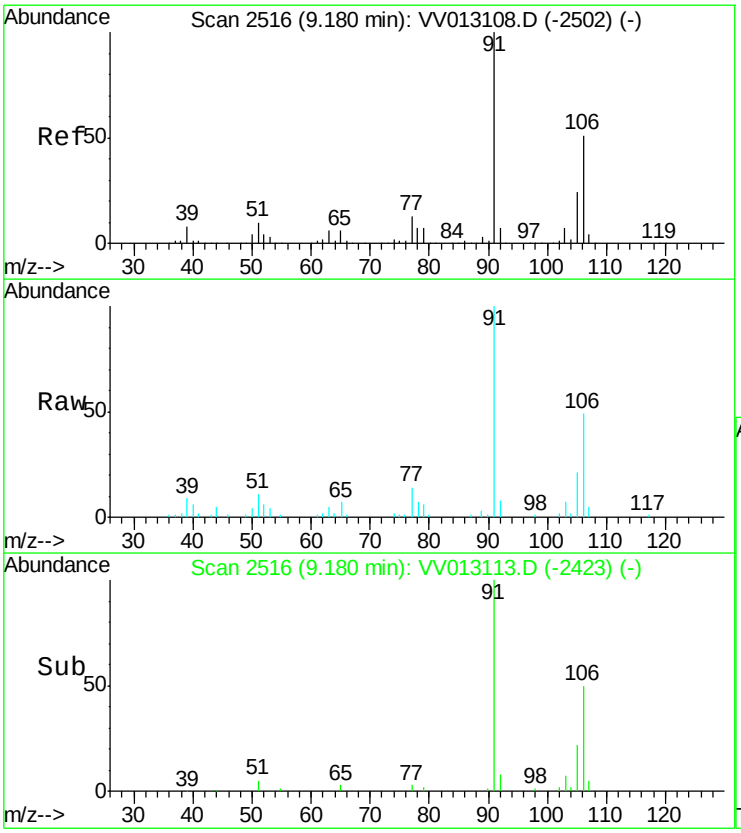
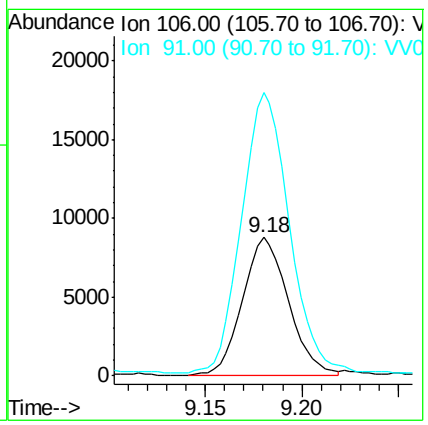
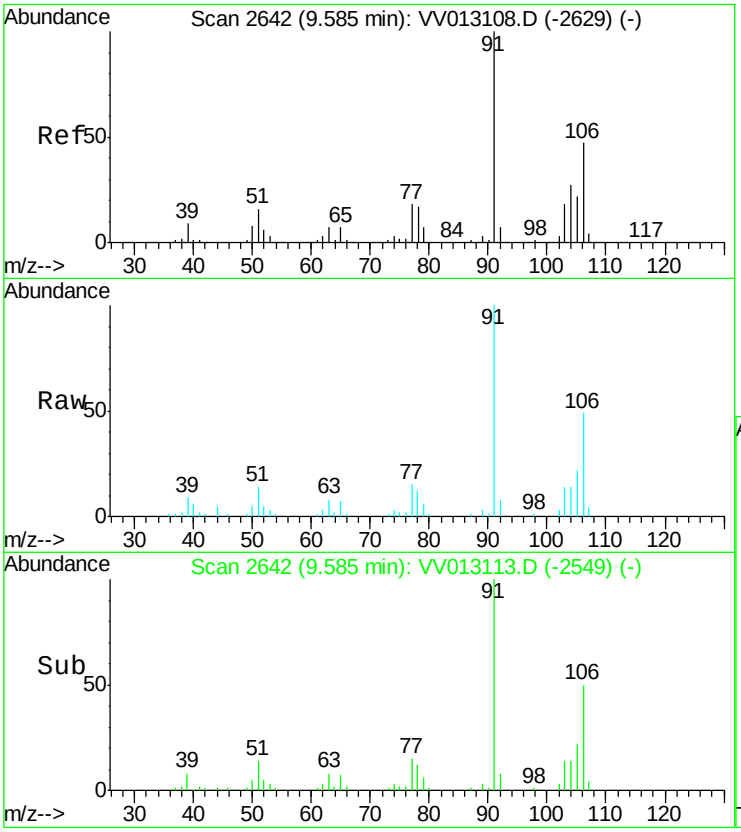


#53
m,p-Xylene
Concen: 1.768 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:106 Resp: 14605

Ion	Ratio	Lower	Upper
106	100		
91	204.2	137.8	255.8

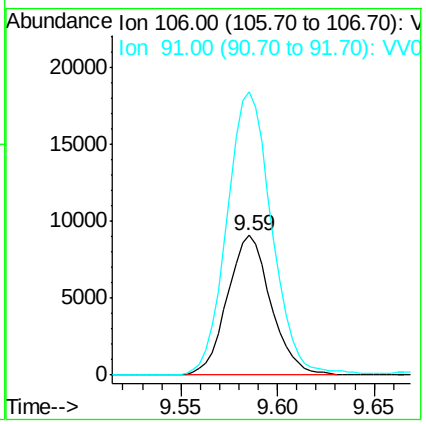




#54
o-xylene
Concen: 1.716 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:106 Resp: 14207

Ion	Ratio	Lower	Upper
106	100		
91	202.3	147.6	274.2



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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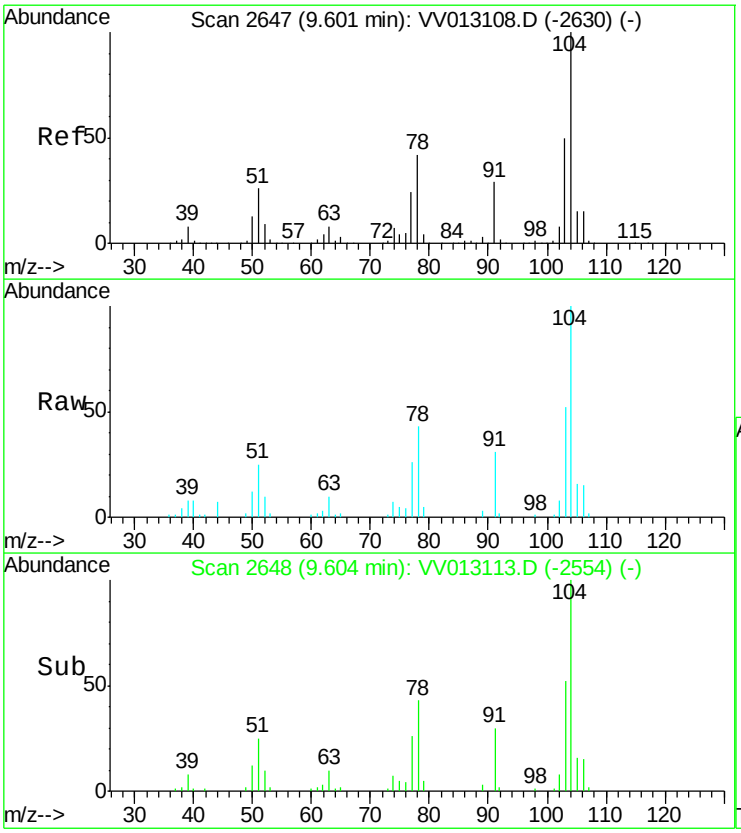
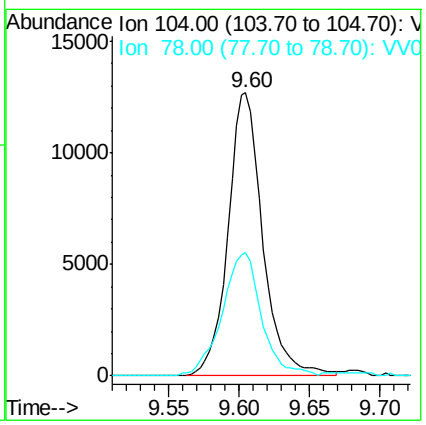
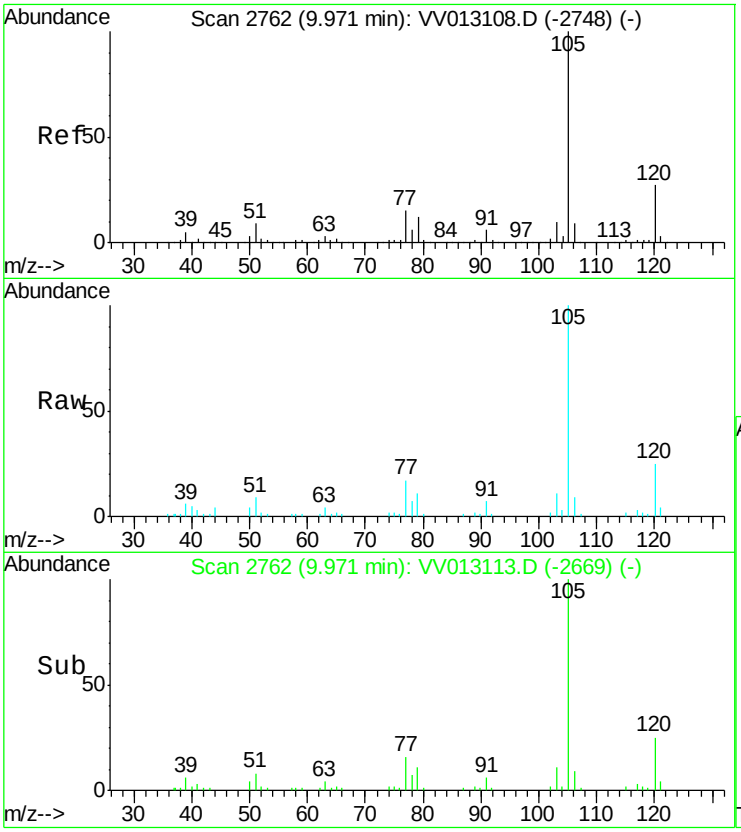


#55
Styrene
Concen: 1.609 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:104 Resp: 21870

Ion	Ratio	Lower	Upper
104	100		
78	43.4	29.1	54.1

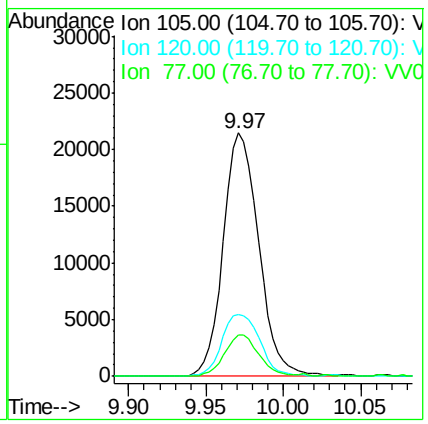




#56
Isopropylbenzene
Concen: 1.612 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:105 Resp: 34252

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.4	32.2
77	16.4	12.1	18.1



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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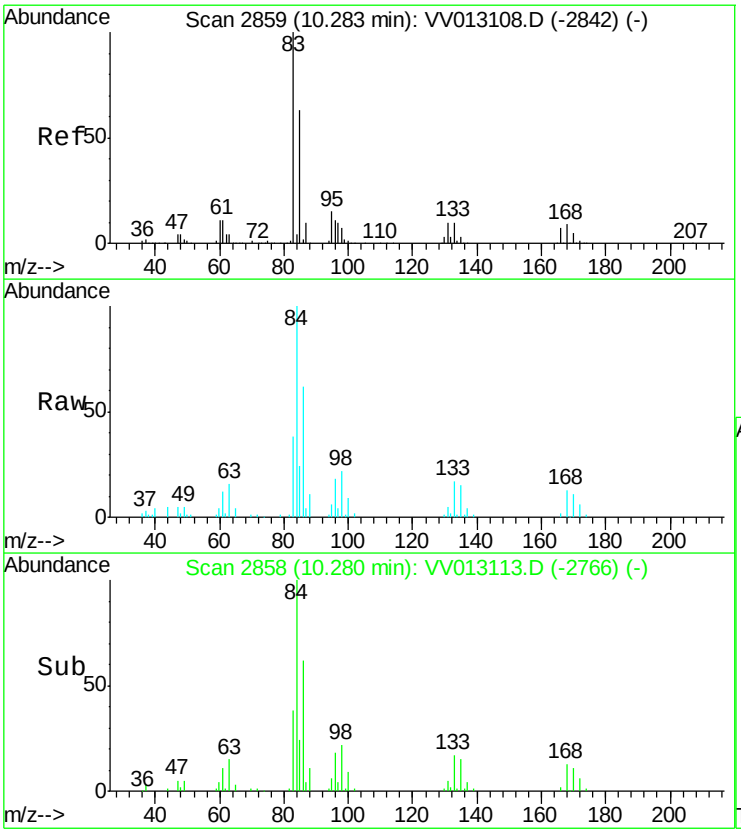
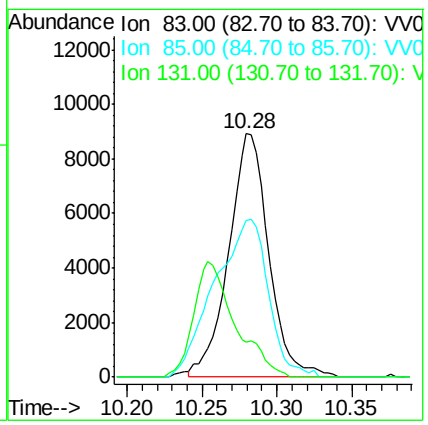
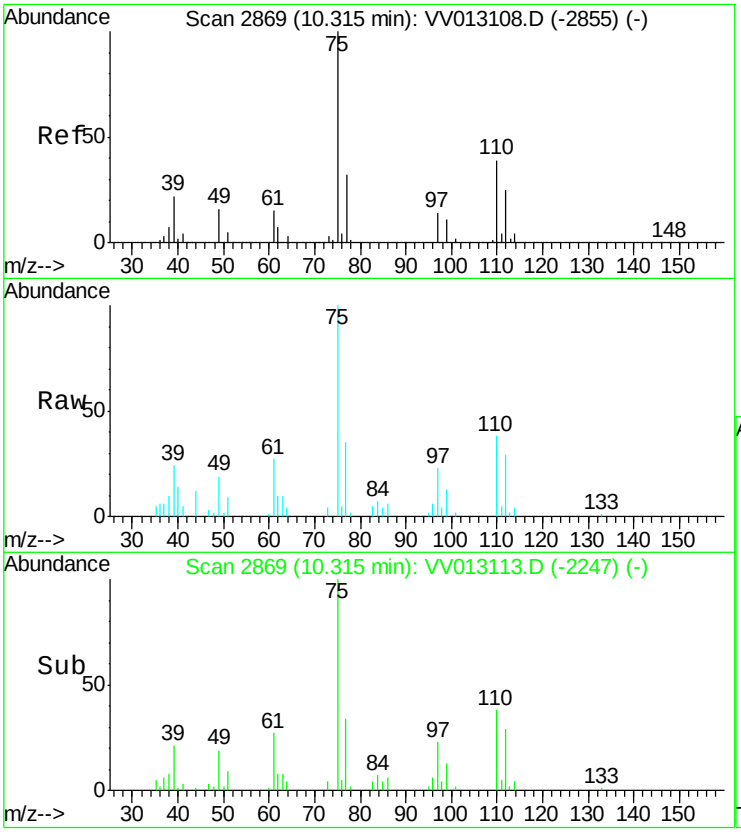


#58
1,1,2,2-Tetrachloroethane
Concen: 2.332 ug/L
RT: 10.28 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 83 Resp: 16646

Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.3	82.3
131	14.6	8.1	12.1#





#59
1,2,3-Trichloropropane
Concen: 2.044 ug/L
RT: 10.32 min Scan# 2869
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 75 Resp: 12868

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5

Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
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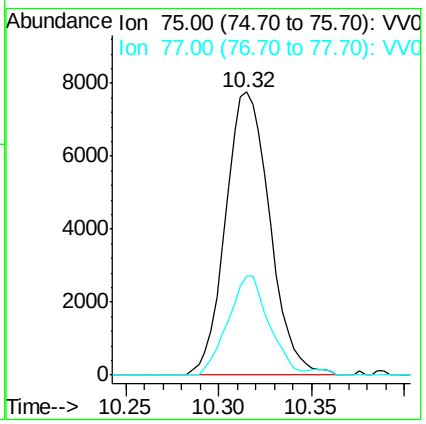
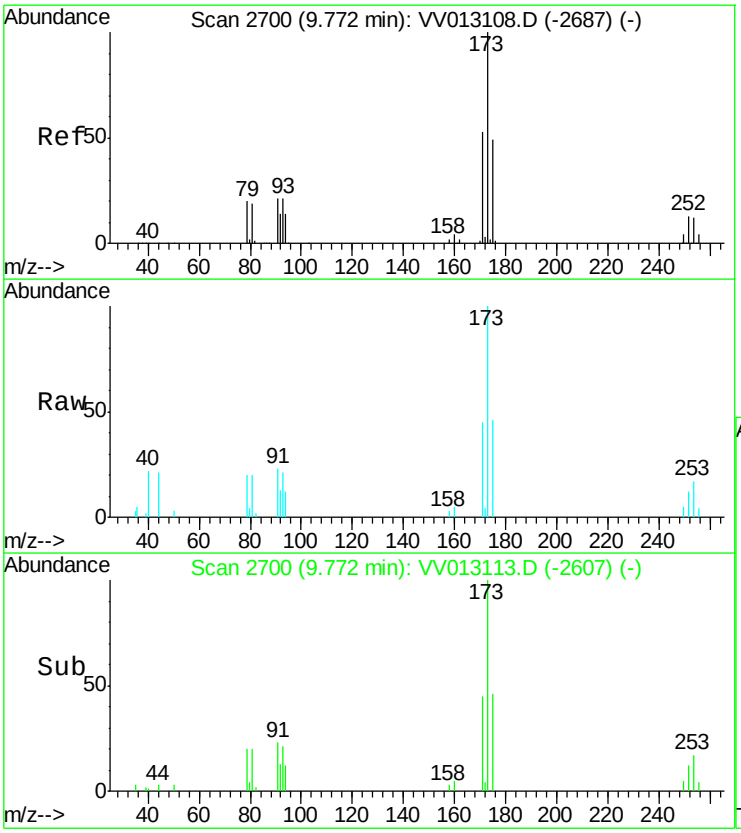
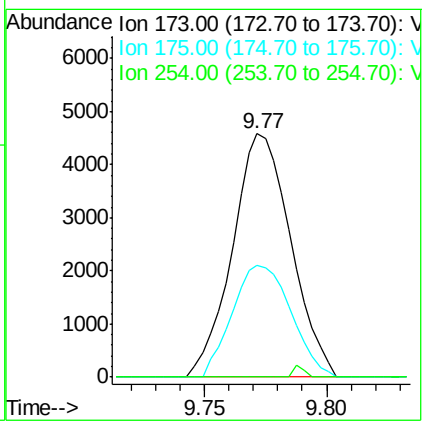


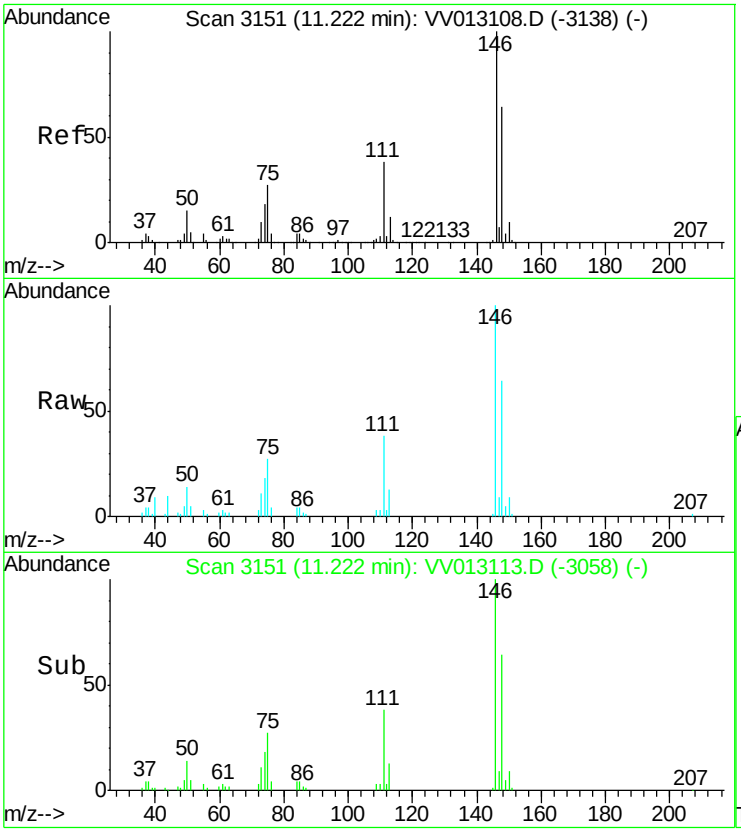


#61
Bromoform
Concen: 2.208 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:173 Resp: 7591

Ion	Ratio	Lower	Upper
173	100		
175	46.3	38.8	58.2
254	0.9	9.6	14.4#

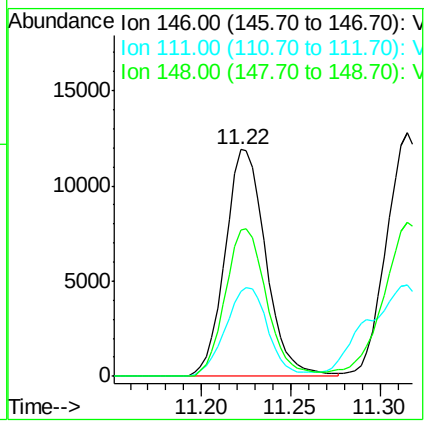




#62
1,3-Dichlorobenzene
Concen: 2.135 ug/L
RT: 11.22 min Scan# 3151
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:146 Resp: 18865

Ion	Ratio	Lower	Upper
146	100		
111	37.6	26.6	49.4
148	64.5	44.6	82.8



Instrument :
MSVOA_V
ClientSampleId :
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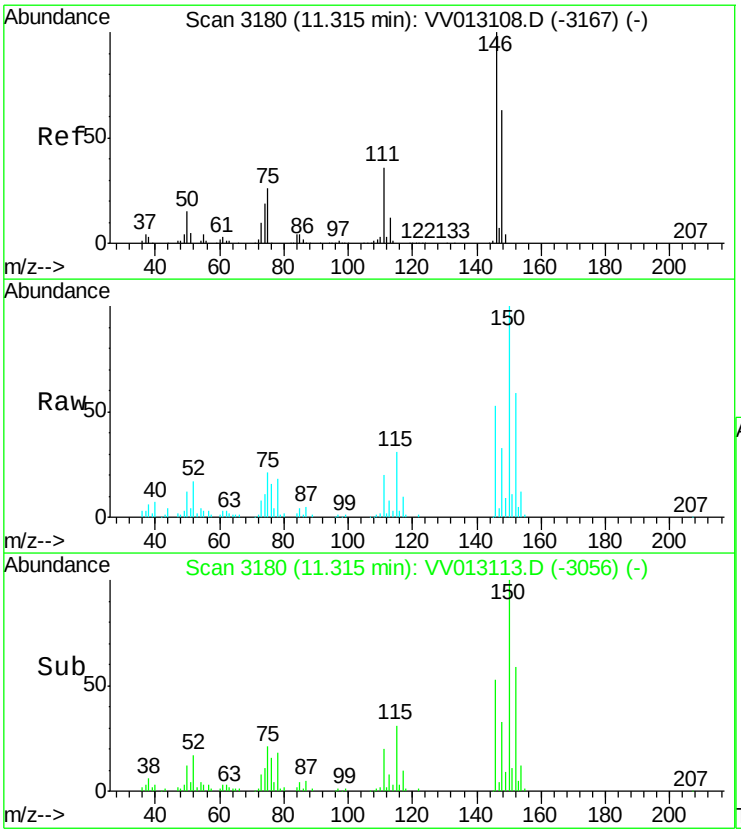
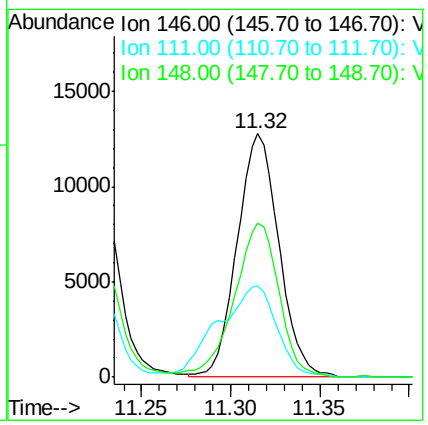
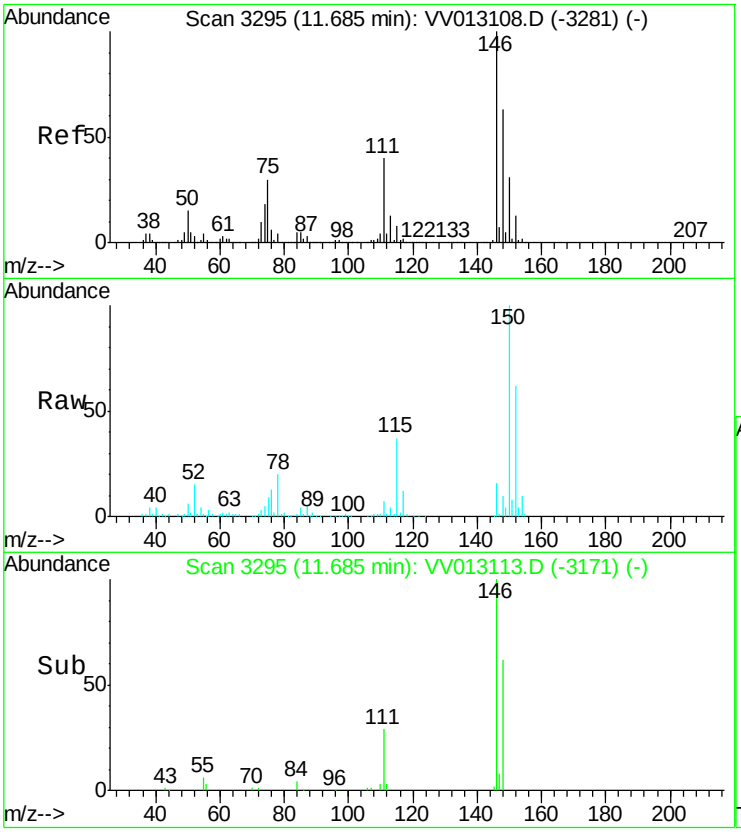


#63
1,4-Dichlorobenzene
Concen: 2.356 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:146 Resp: 20909

Ion	Ratio	Lower	Upper
146	100		
111	37.4	25.4	47.2
148	63.4	44.2	82.2

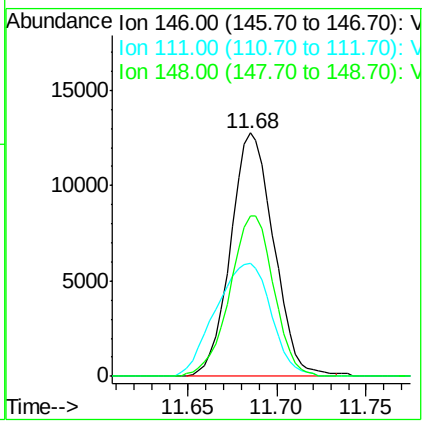




#65
1,2-Dichlorobenzene
Concen: 2.396 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:146 Resp: 21554

Ion	Ratio	Lower	Upper
146	100		
111	46.2	32.2	48.2
148	65.9	50.6	76.0



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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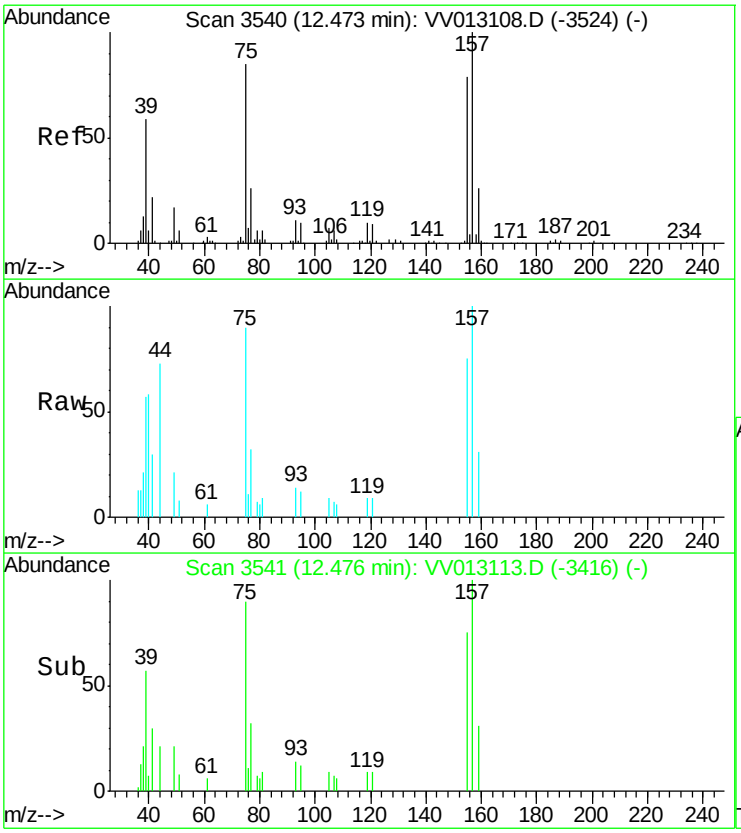
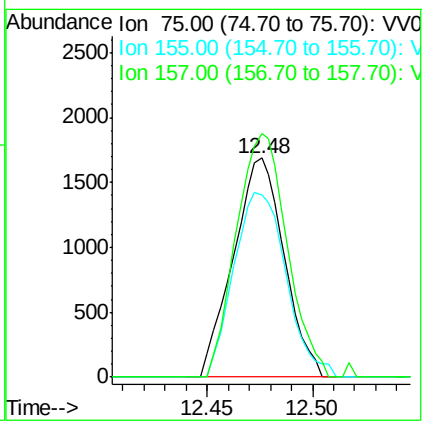
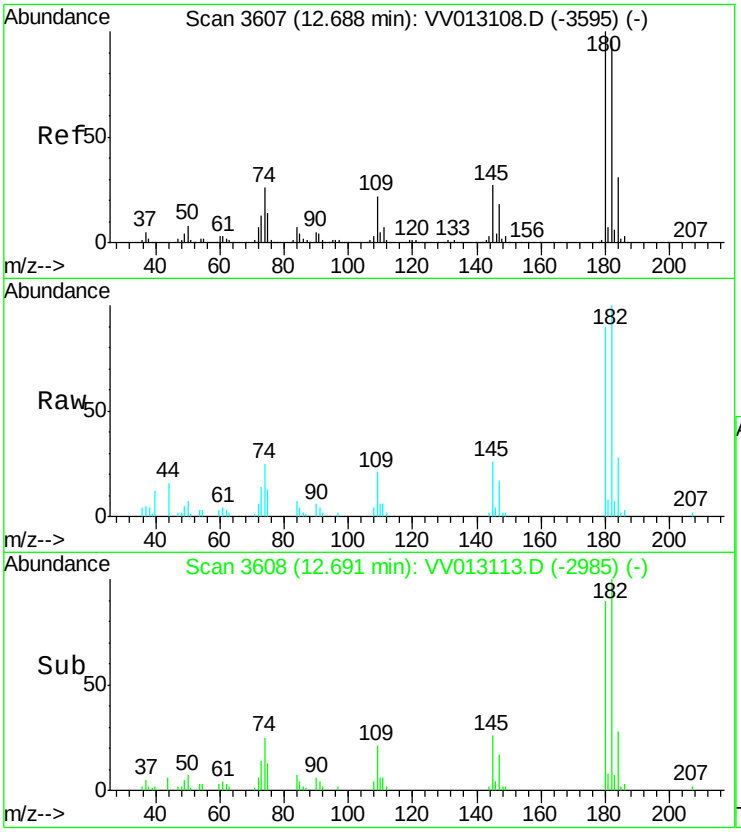


#66
1,2-Dibromo-3-chloropropane
Concen: 2.151 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion: 75 Resp: 2814

Ion	Ratio	Lower	Upper
75	100		
155	83.1	74.6	111.8
157	111.1	94.2	141.4

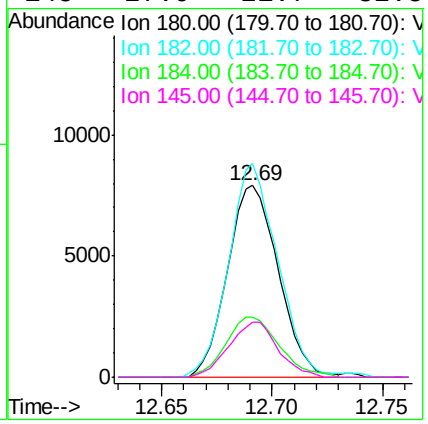




#67
1,3,5-Trichlorobenzene
Concen: 2.017 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:180 Resp: 12708

Ion	Ratio	Lower	Upper
180	100		
182	107.0	76.7	115.1
184	32.9	24.3	36.5
145	27.9	21.7	32.5



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

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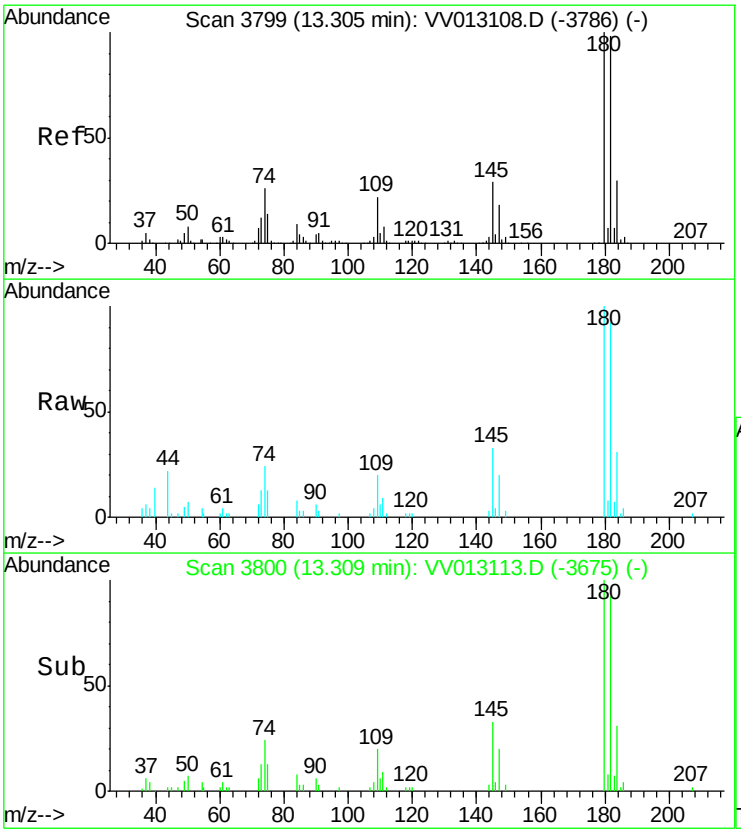
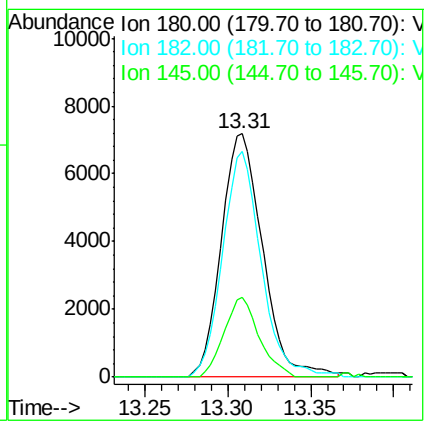
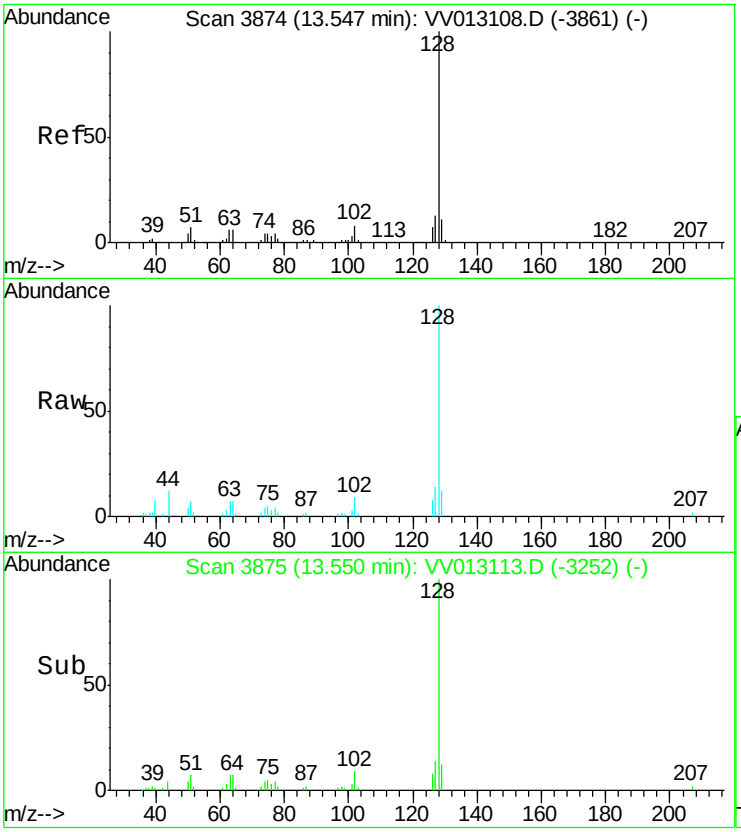


#68
1,2,4-trichlorobenzene
Concen: 2.305 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:180 Resp: 12456

Ion	Ratio	Lower	Upper
180	100		
182	86.4	77.4	116.0
145	27.8	22.7	34.1

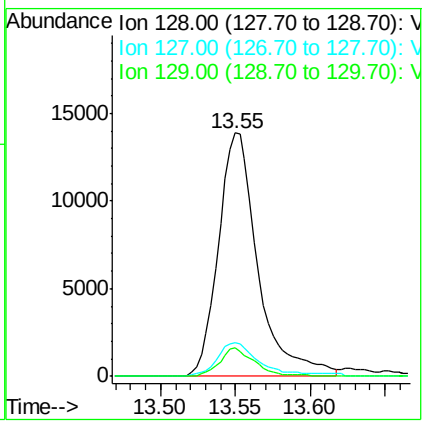




#69
Naphthalene
Concen: 1.722 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

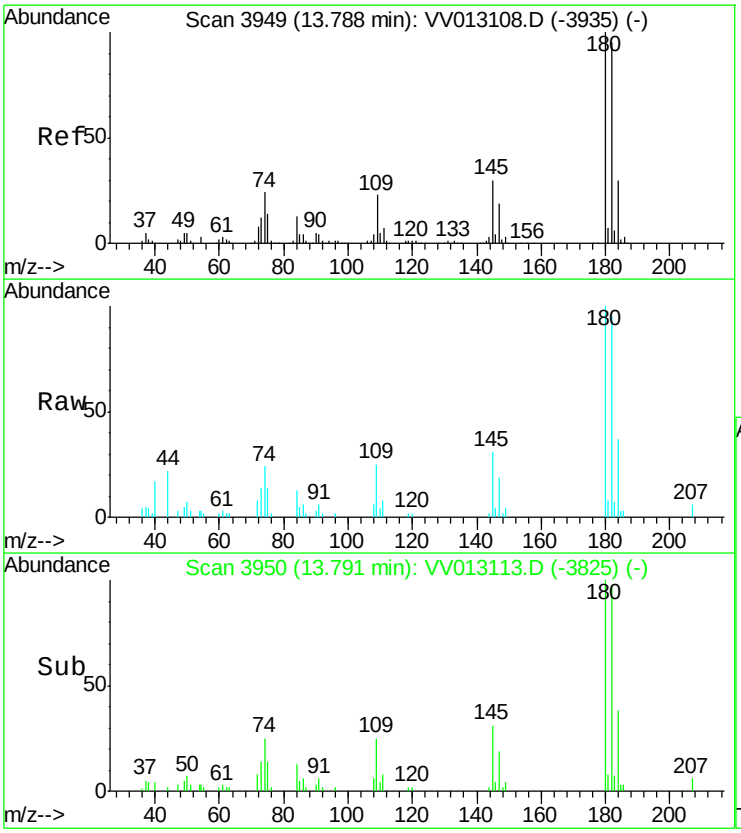
Tgt Ion:128 Resp: 25640

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.4
129	10.0	8.6	13.0



Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
MMDadoda
10/14/2019 4:13:22 PM



#70
1,2,3-Trichlorobenzene
Concen: 2.079 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013113.D
Acq: 11 Oct 2019 20:43

Tgt Ion:180 Resp: 12019

Ion	Ratio	Lower	Upper
180	100		
182	91.1	76.9	115.3
145	28.9	23.8	35.8