Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\

Quantitation Report (Not Reviewed)

Data File : VV012229.D
Acq On : 13 Aug 2019 21:53
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Quant Time: Aug 14 02:54:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	198201	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	192841	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98686	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58829	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.58	69	47589	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.13	63	114383	5.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.40%			
20) 2-Butanone-d5	3.96	46	154583	58.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.22%			
24) Chloroform-d	4.40	84	124818	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
26) 1,2-Dichloroethane-d4	5.08	65	59924	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.10	84	242414	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.12	67	72578	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.36	98	231004	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
43) trans-1,3-Dichloropropene-	7.66	79	27507	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.14	63	106532	60.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.68%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55389	5.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	81461	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	95392	5.015	ug/L	98
3) Chloromethane	1.25	50	89463	5.193	ug/L	99
5) Vinyl chloride	1.32	62	93127	5.261	ug/L	99
6) Bromomethane	1.54	94	52113	5.209	ug/L	96
8) Chloroethane	1.60	64	53527	5.242	ug/L	95
9) Trichlorofluoromethane	1.77	101	121387	5.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	63029	5.598	ug/L	99
12) 1,1-Dichloroethene	2.14	96	59754	5.731	ug/L	93
13) Acetone	2.23	43	101502	61.759	ug/L	99
14) Carbon disulfide	2.32	76	176419	5.777	ug/L	99
15) Methyl Acetate	2.47	43	26151	6.303	ug/L	94
16) Methylene chloride	2.53	84	61819	5.498	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	168512	5.867	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	77098	5.543	ug/L	97
19) 1,1-Dichloroethane	3.23	63	139449	5.475	ug/L	98
21) 2-Butanone	4.05	43	196930	58.601	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	79744	5.191	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\

Quantitation Report (Not Reviewed)

Data File : VV012229.D
Acq On : 13 Aug 2019 21:53
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Quant Time: Aug 14 02:54:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	36222	5.532	ug/L	98
25) Chloroform	4.42	83	146955	5.081	ug/L	100
27) 1,2-Dichloroethane	5.18	62	88269	5.556	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	123737	5.246	ug/L	98
30) Cyclohexane	4.72	56	118301	5.036	ug/L	99
31) Carbon tetrachloride	4.87	117	109024	5.109	ug/L	99
33) Benzene	5.14	78	311518	5.355	ug/L	100
34) Trichloroethene	5.96	95	80226	5.091	ug/L	98
35) Methylcyclohexane	6.17	83	119977	4.901	ug/L	99
37) 1,2-Dichloropropane	6.22	63	75344	5.191	ug/L	98
38) Bromodichloromethane	6.55	83	98916	5.290	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	103305	5.168	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	494520	61.976	ug/L	99
42) Toluene	7.43	91	334161	5.400	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	84672	5.384	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	53964	5.574	ug/L	99
47) Tetrachloroethene	8.02	164	65809	5.067	ug/L	99
48) 2-Hexanone	8.19	43	357888	63.637	ug/L	99
49) Dibromochloromethane	8.29	129	67115	5.585	ug/L	95
50) 1,2-Dibromoethane	8.40	107	52132	5.575	ug/L	96
51) Chlorobenzene	8.92	112	208557	5.205	ug/L	98
52) Ethylbenzene	9.05	91	342866	5.199	ug/L	100
53) m,p-xylene	9.18	106	133736	5.281	ug/L	99
54) o-xylene	9.59	106	129662	5.410	ug/L	95
55) Styrene	9.60	104	222880	5.565	ug/L	98
56) Isopropylbenzene	9.97	105	340215	5.308	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	64539	5.747	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	48226	5.857	ug/L	98
61) Bromoform	9.77	173	33746	5.304	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	165672	5.044	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	164630	5.028	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	158054	5.244	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	10242	5.337	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	120384	4.853	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	92427	5.013	ug/L	98
69) Naphthalene	13.55	128	145390	5.455	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	91945	5.280	ug/L	99

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

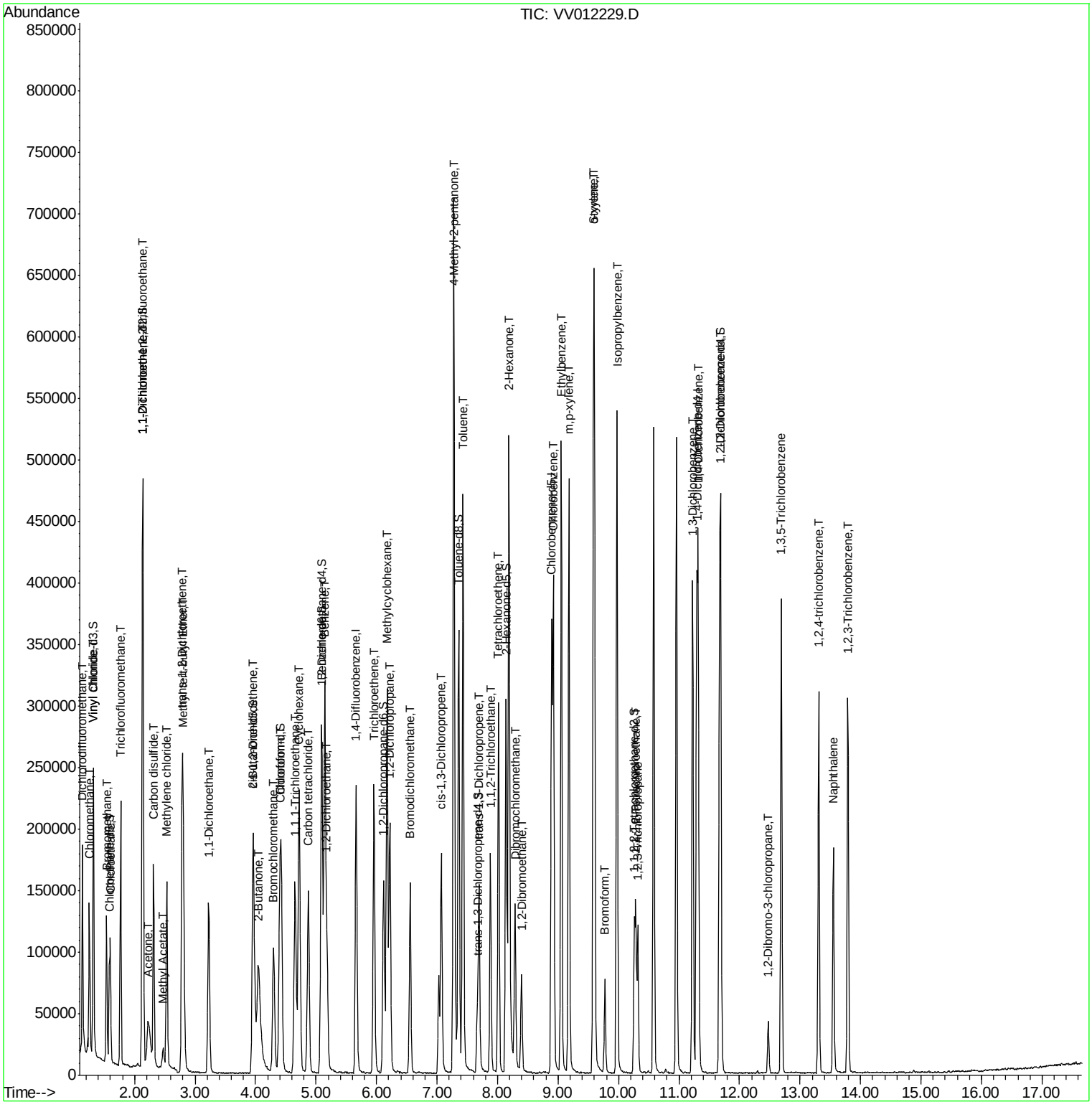
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\

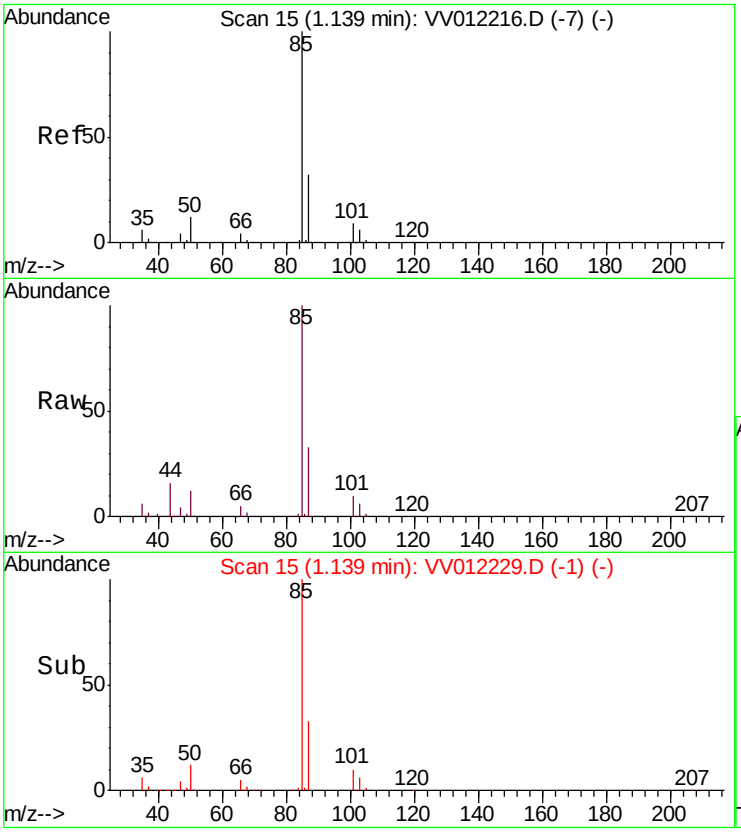
Quantitation Report (Not Reviewed)

Data File : VV012229.D
Acq On : 13 Aug 2019 21:53
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Quant Time: Aug 14 02:54:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration



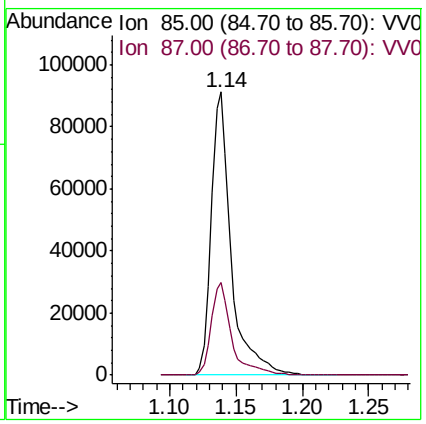


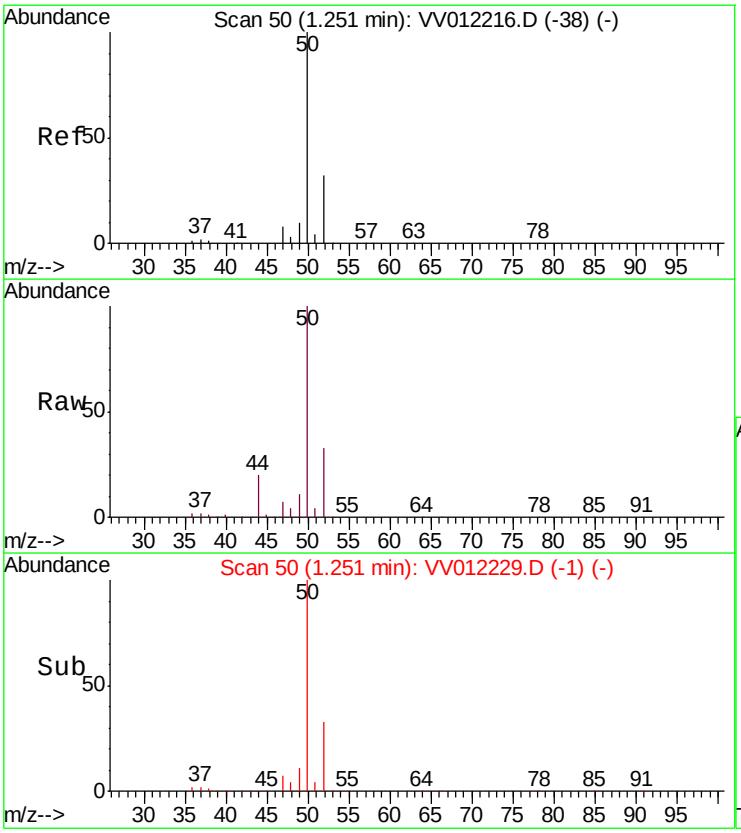
#2
Dichlorodifluoromethane
Concen: 5.015 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 85 Resp: 95392

Ion	Ratio	Lower	Upper
85	100		
87	33.2	25.7	38.5

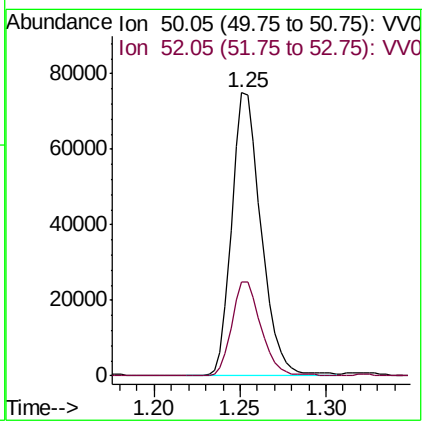


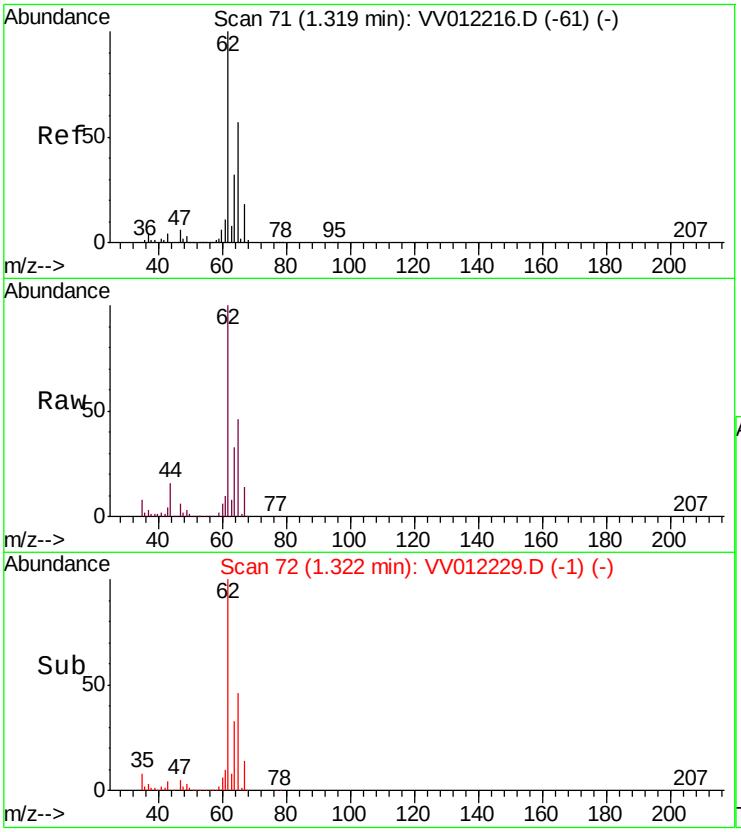


#3
Chloromethane
Concen: 5.193 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 50 Resp: 89463

Ion	Ratio	Lower	Upper
50	100		
52	33.0	22.6	42.0



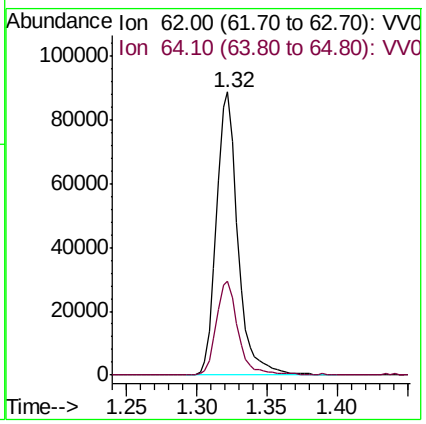


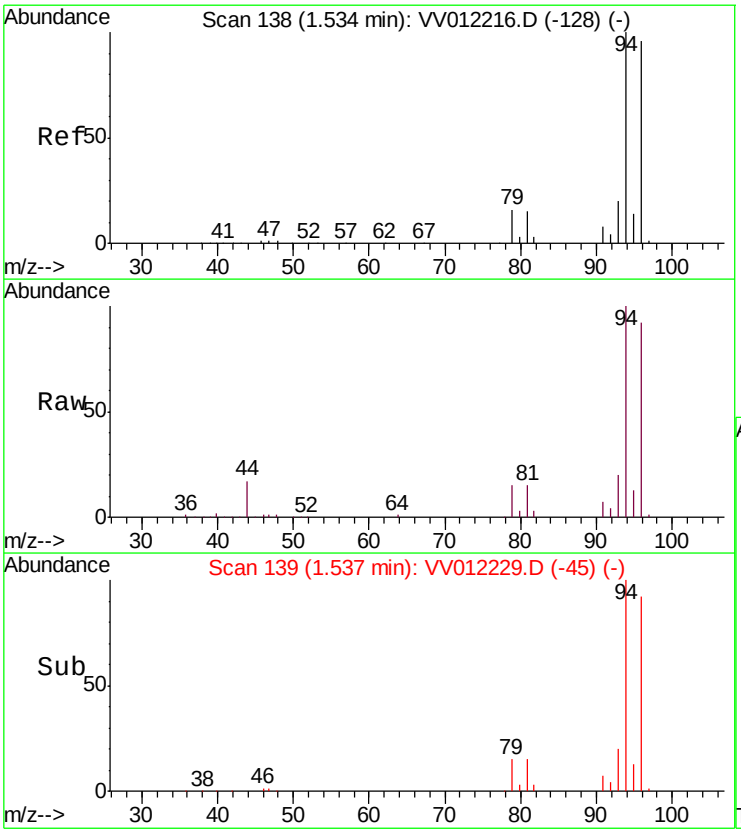
#5
Vinyl chloride
Concen: 5.261 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 62 Resp: 93127

Ion	Ratio	Lower	Upper
62	100		
64	33.2	22.7	42.1

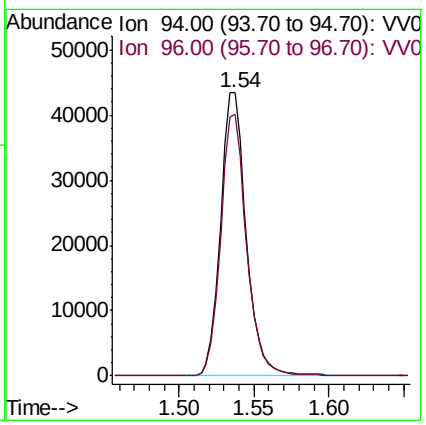


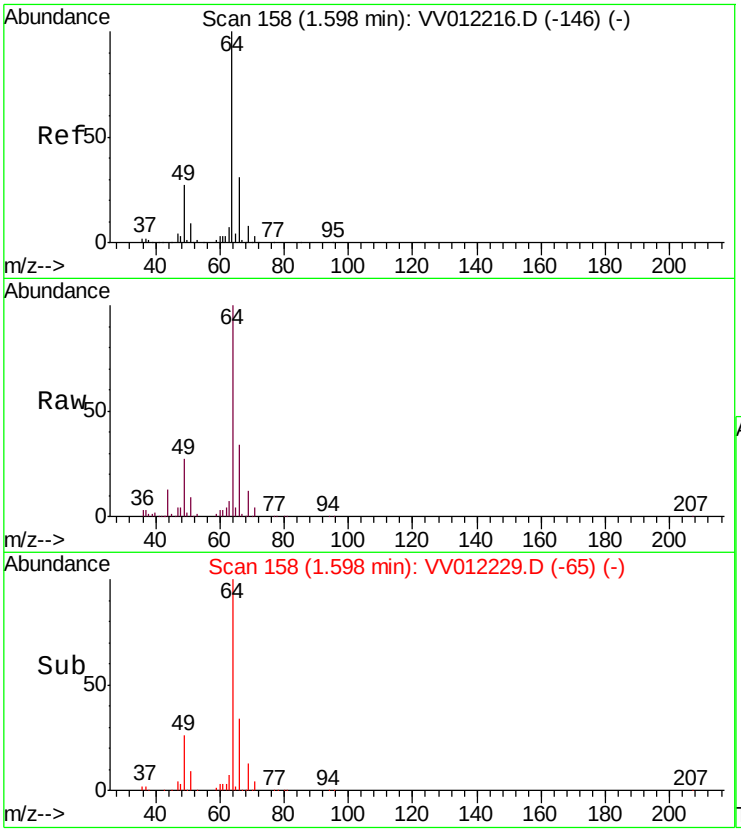


#6
Bromomethane
Concen: 5.209 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 94 Resp: 52113

Ion	Ratio	Lower	Upper
94	100		
96	92.4	67.3	125.1



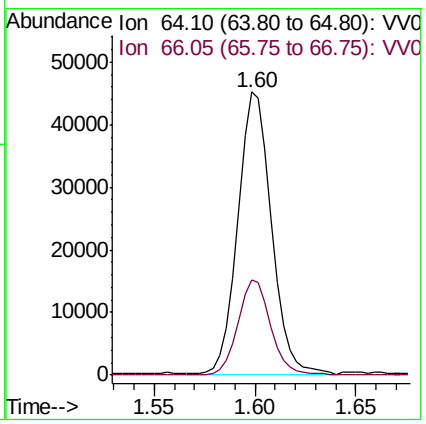


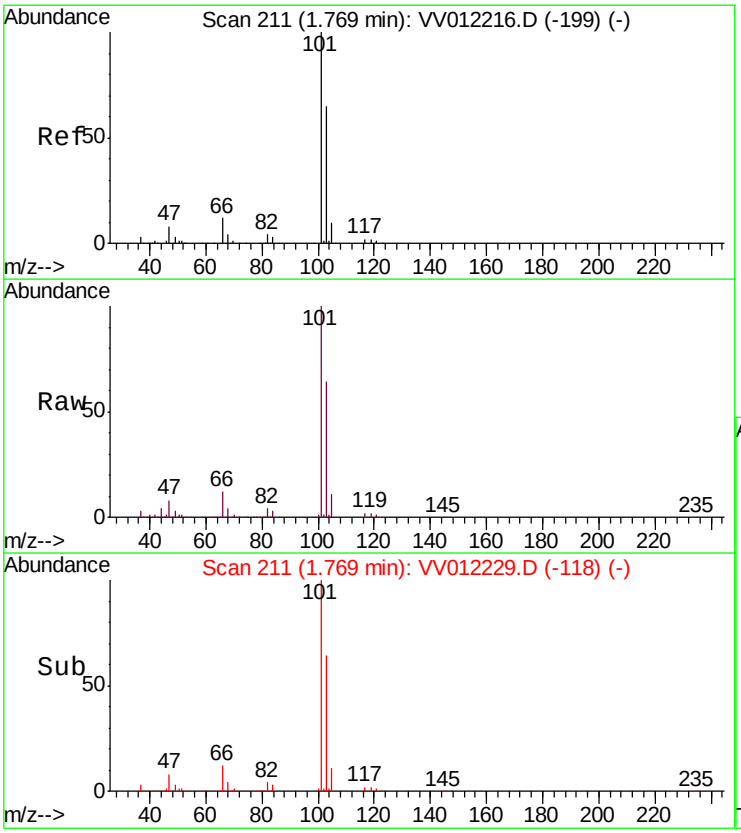
#8
Chloroethane
Concen: 5.242 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Tgt Ion: 64 Resp: 53527

Ion	Ratio	Lower	Upper
64	100		
66	33.8	21.8	40.4

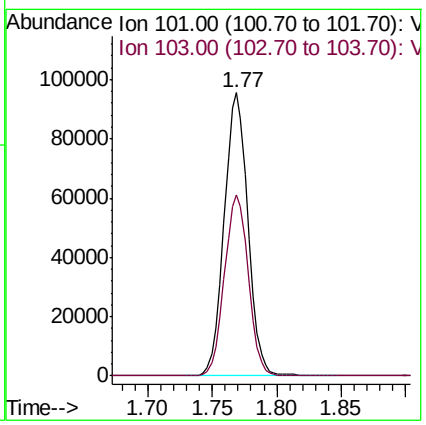


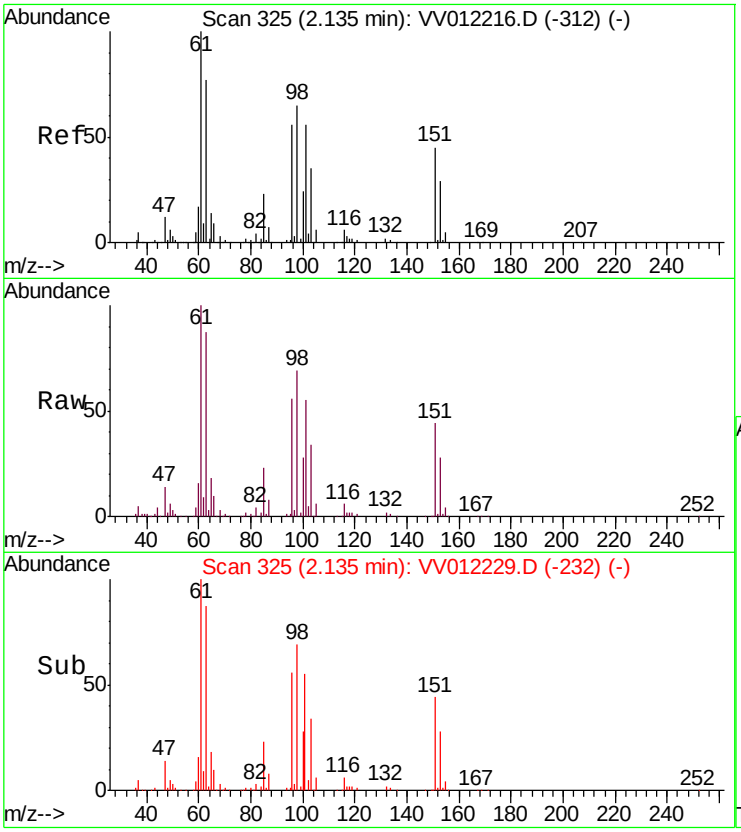


#9
Trichlorofluoromethane
Concen: 5.451 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:101 Resp: 121387

Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.0	78.0



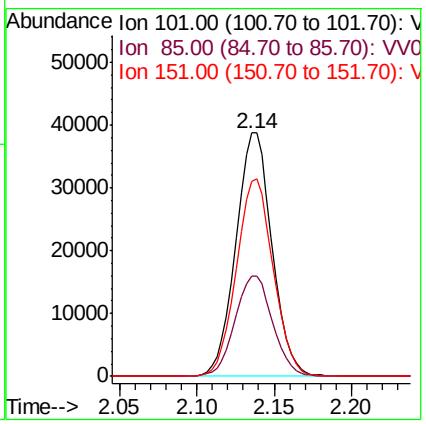


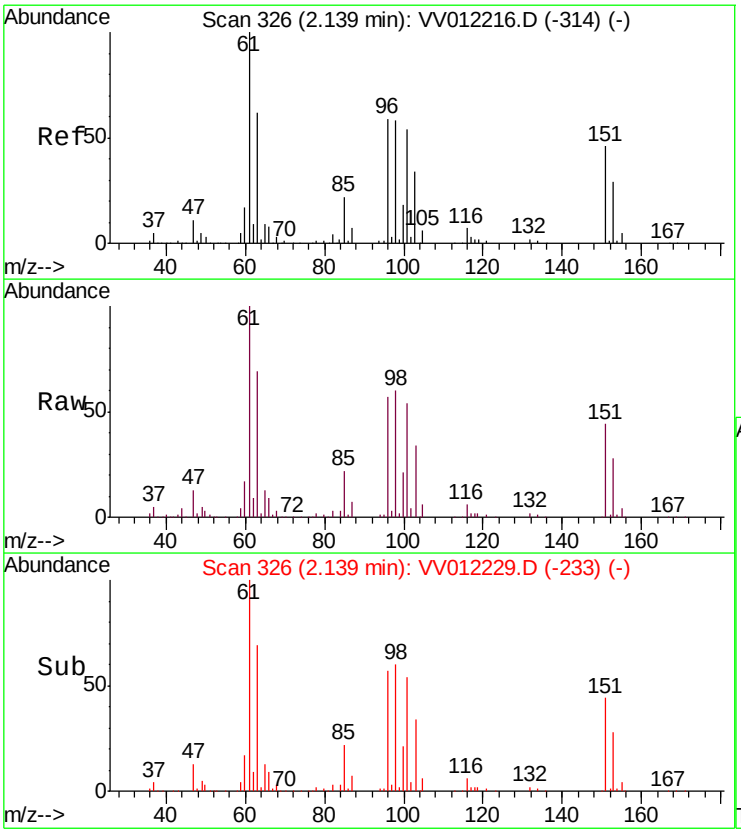
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.598 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion:101 Resp: 63029

Ion	Ratio	Lower	Upper
101	100		
85	42.9	33.7	50.5
151	82.5	66.3	99.5

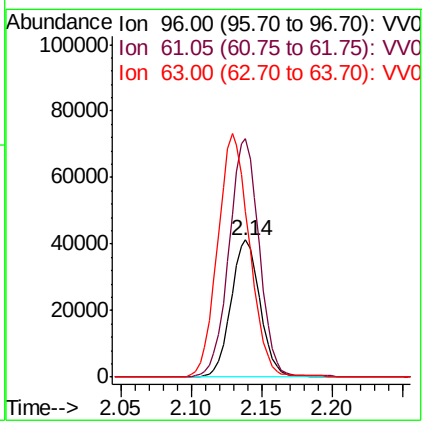


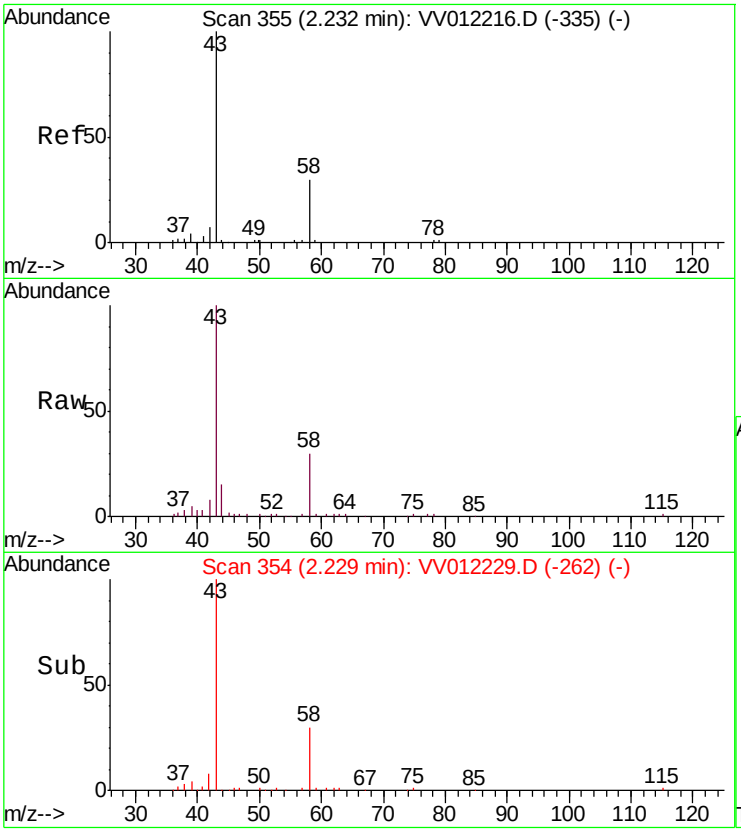


#12
1,1-Dichloroethene
Concen: 5.731 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 96 Resp: 59754

Ion	Ratio	Lower	Upper
96	100		
61	174.0	119.3	221.5
63	120.4	74.9	139.1



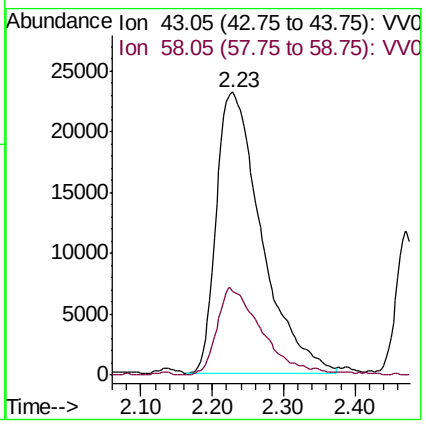


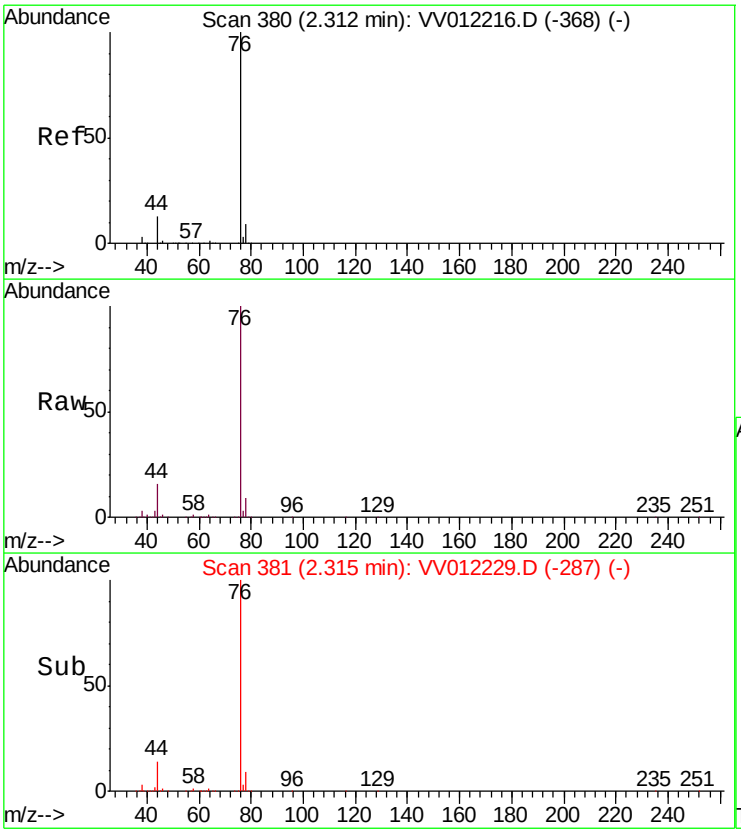
#13
Acetone
Concen: 61.759 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 43 Resp: 101502

Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	59.4

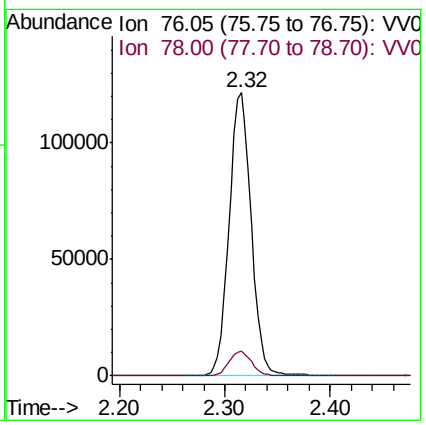


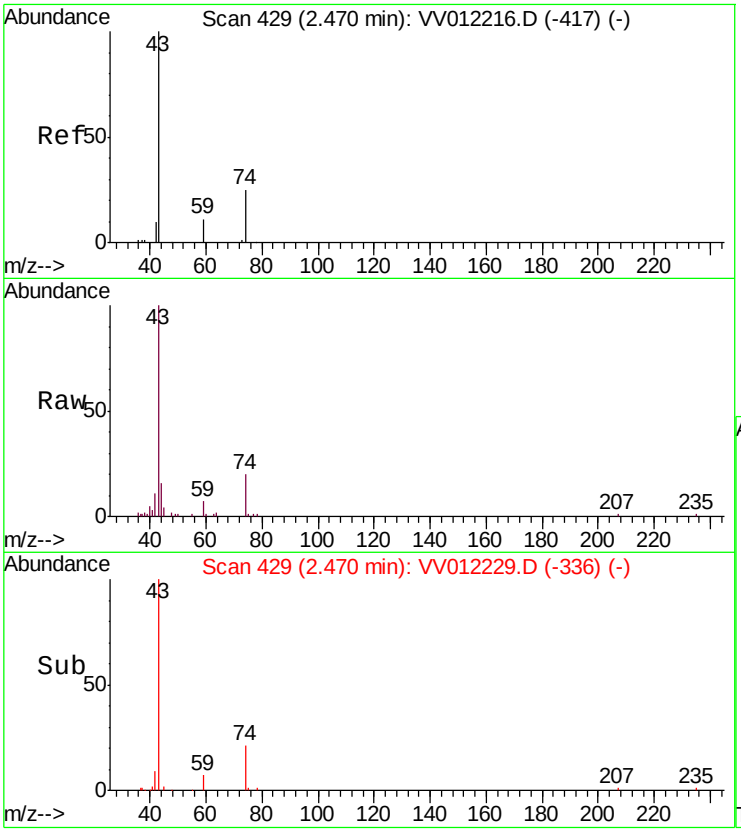


#14
Carbon disulfide
Concen: 5.777 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 76 Resp: 176419

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8



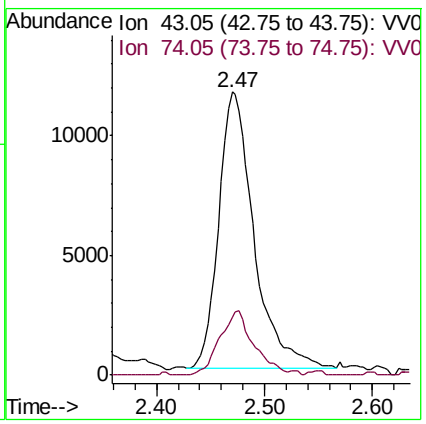


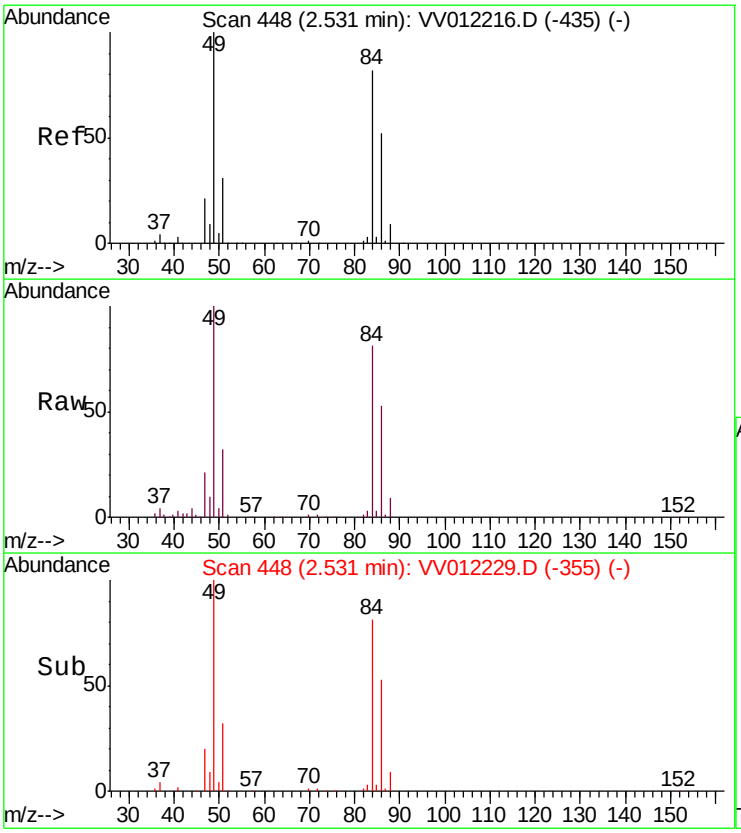
#15
Methyl Acetate
Concen: 6.303 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 43 Resp: 26151

Ion	Ratio	Lower	Upper
43	100		
74	22.5	20.3	30.5

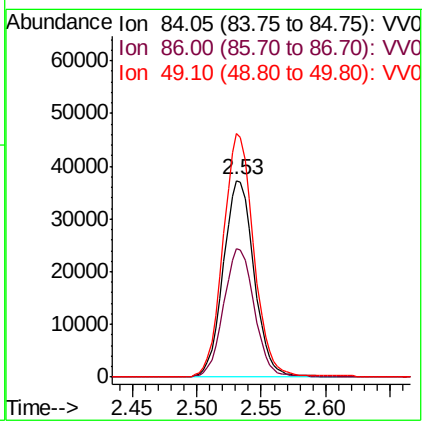


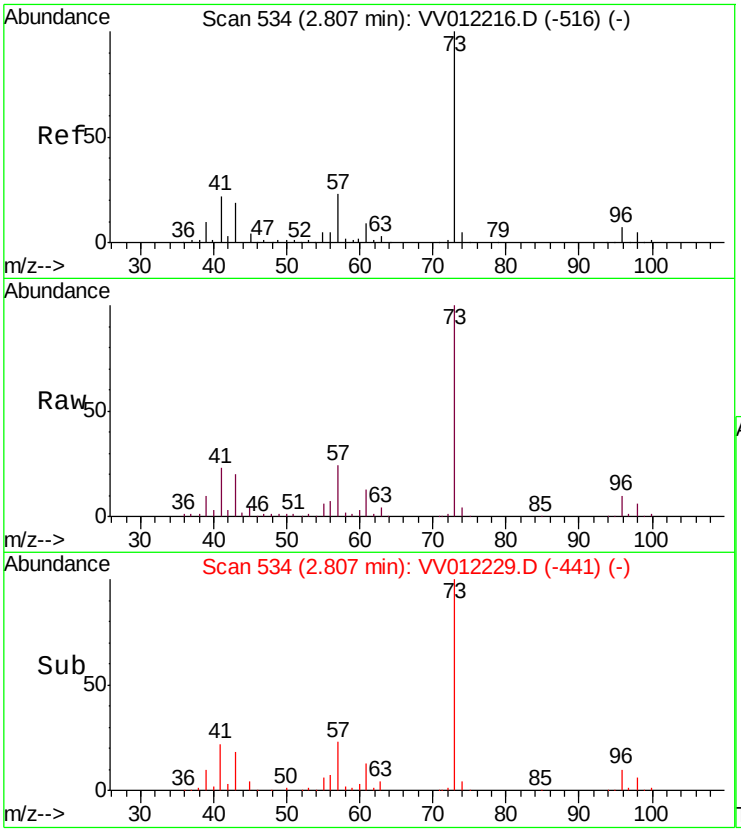


#16
Methylene chloride
Concen: 5.498 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 84 Resp: 61819

Ion	Ratio	Lower	Upper
84	100		
86	65.1	44.4	82.5
49	123.9	85.1	158.1



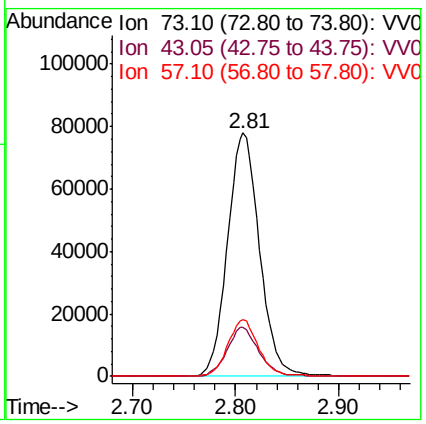


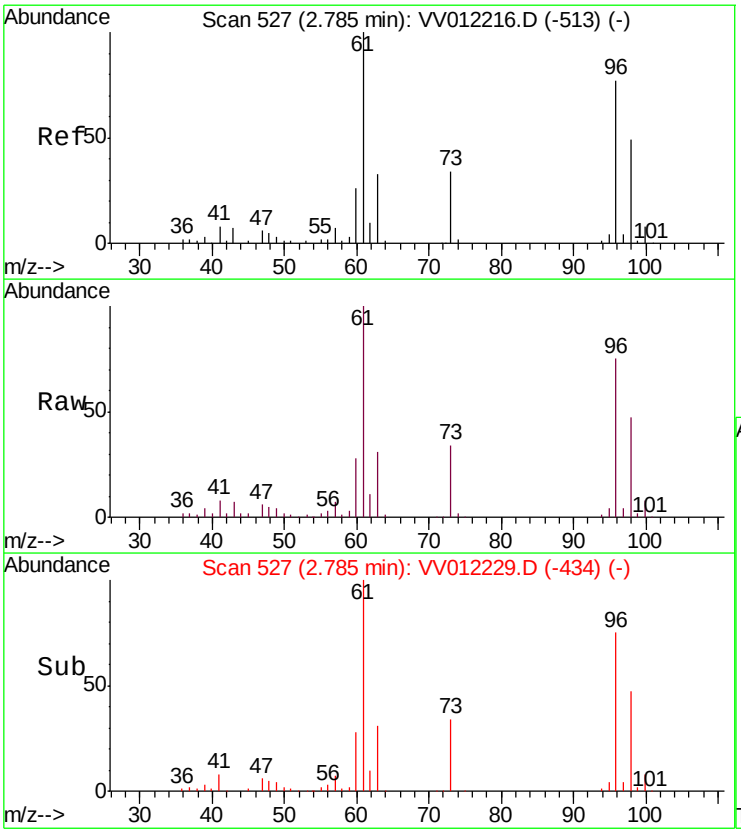
#17
Methyl tert-butyl Ether
Concen: 5.867 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Tgt Ion: 73 Resp: 168512

Ion	Ratio	Lower	Upper
73	100		
43	20.0	15.4	23.0
57	22.5	17.8	26.6

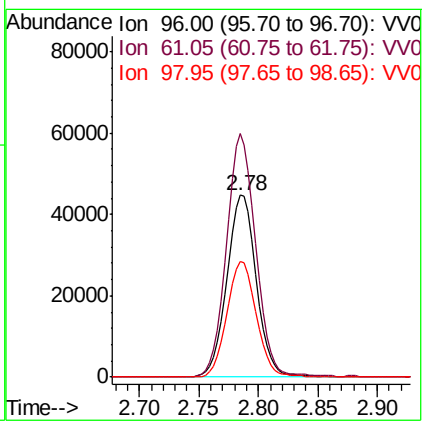


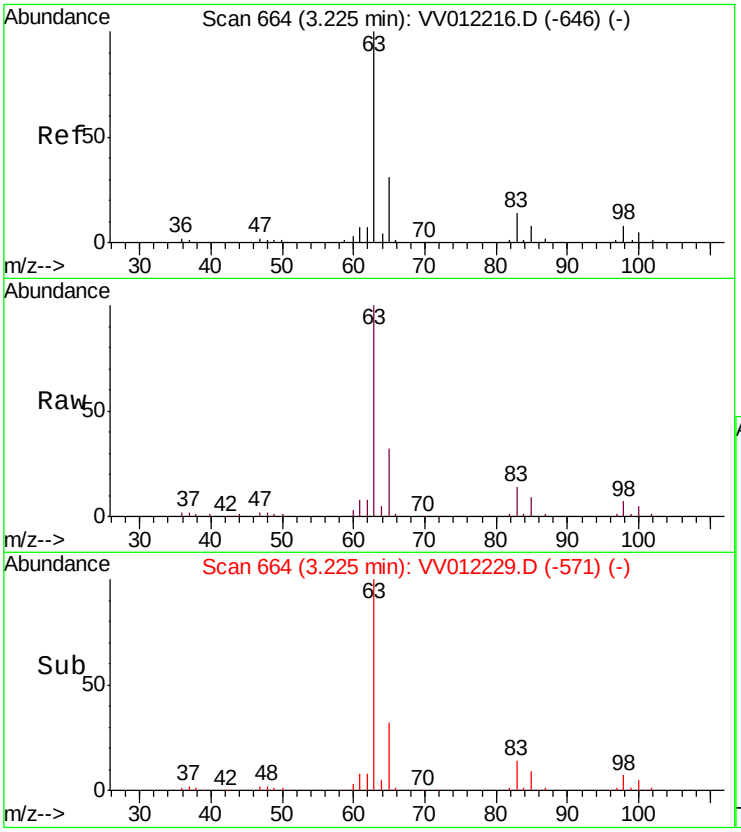


#18
trans-1,2-Dichloroethene
Concen: 5.543 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 96 Resp: 77098

Ion	Ratio	Lower	Upper
96	100		
61	134.0	90.8	168.6
98	63.6	44.4	82.4



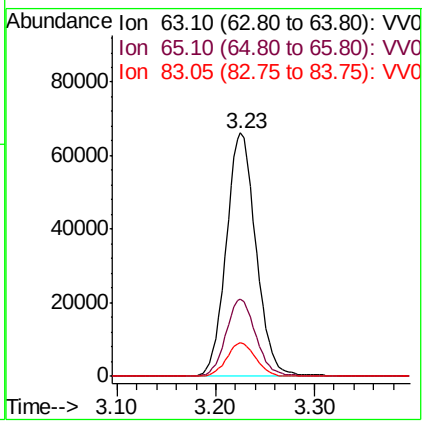


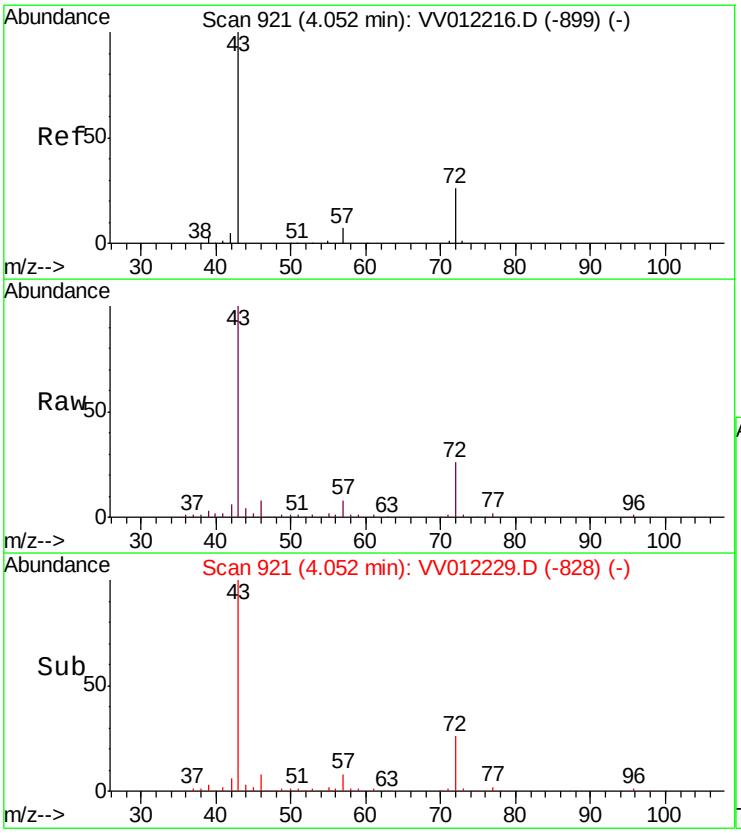
#19
1,1-Dichloroethane
Concen: 5.475 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Tgt Ion: 63 Resp: 139449

Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.7	40.3
83	13.9	10.1	18.9

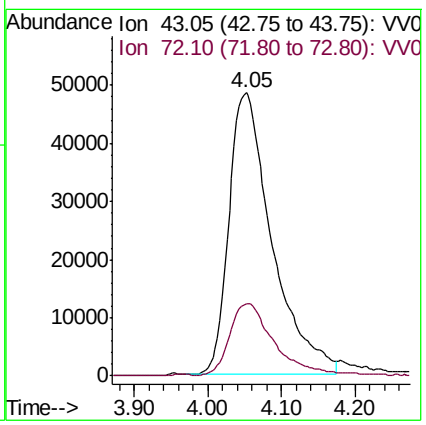


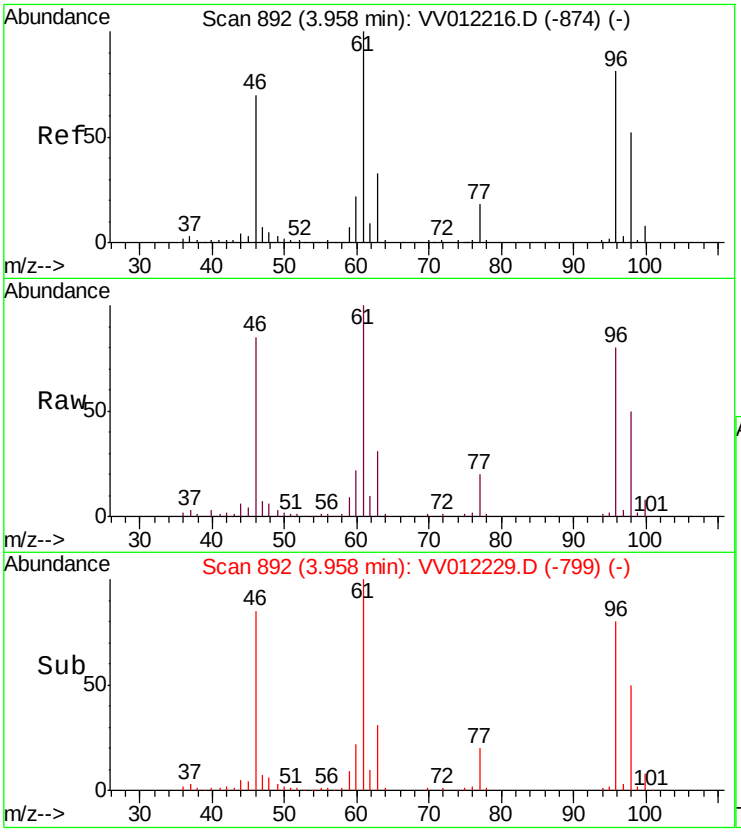


#21
2-Butanone
Concen: 58.601 ug/L
RT: 4.05 min Scan# 921
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 43 Resp: 196930

Ion	Ratio	Lower	Upper
43	100		
72	27.0	12.9	38.7



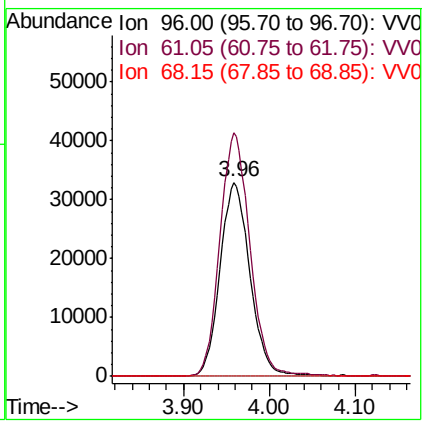


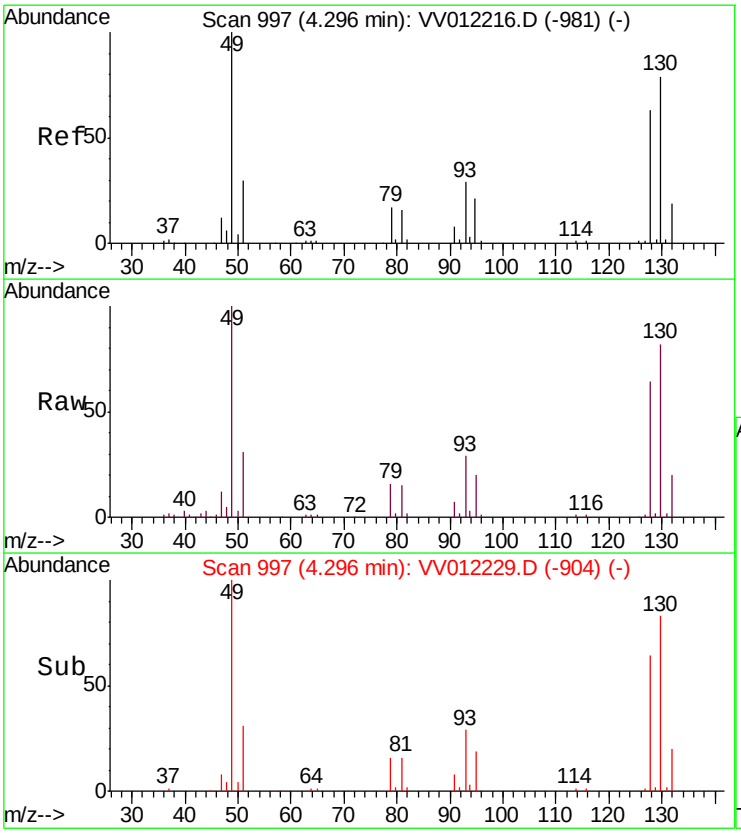
#22
cis-1,2-Dichloroethene
Concen: 5.191 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 96 Resp: 79744

Ion	Ratio	Lower	Upper
96	100		
61	125.5	86.0	159.6
68	0.0	0.0	0.0

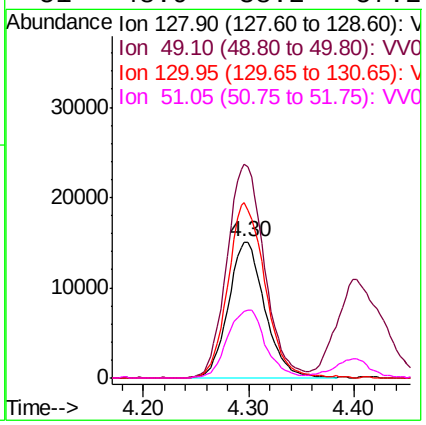


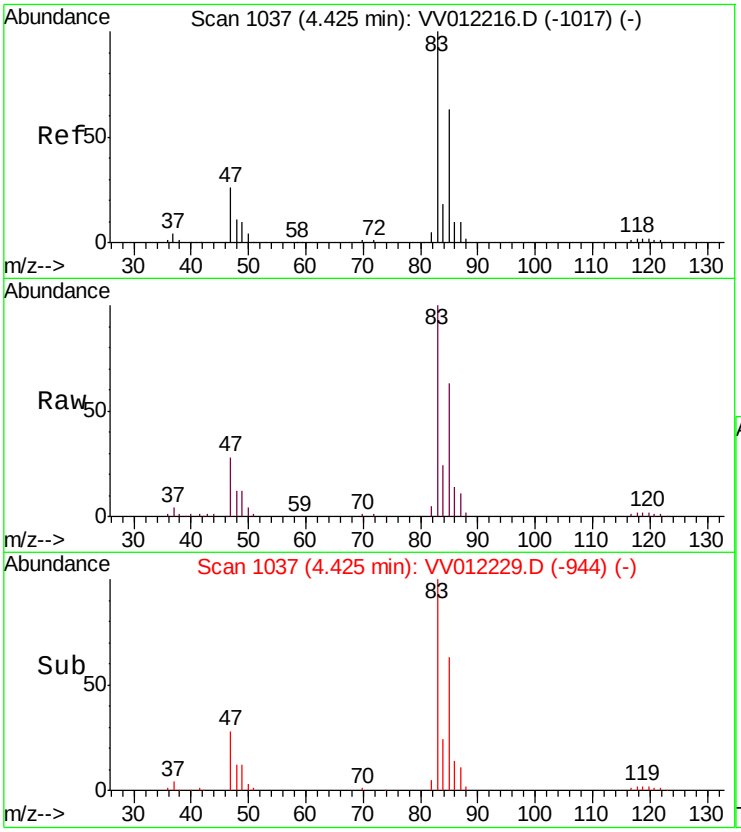


#23
Bromochloromethane
Concen: 5.532 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:128 Resp: 36222

Ion	Ratio	Lower	Upper
128	100		
49	157.1	111.5	207.1
130	128.7	87.4	162.4
51	48.9	38.2	57.2



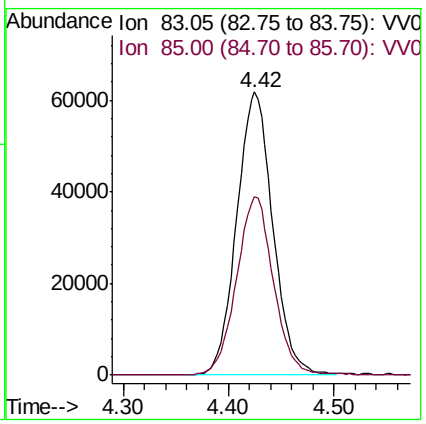


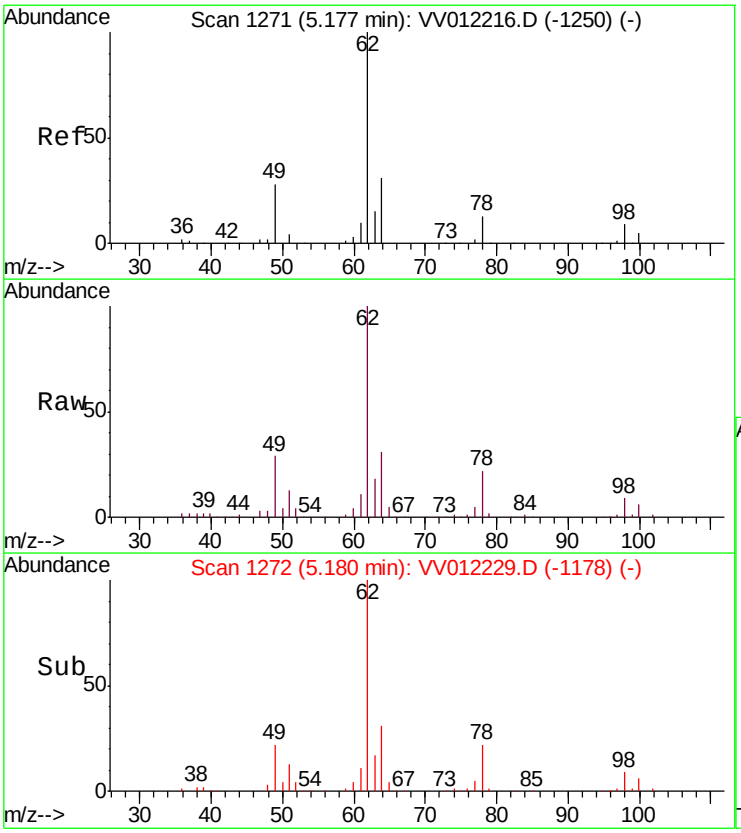
#25
Chloroform
Concen: 5.081 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Tgt Ion: 83 Resp: 146955

Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.3	82.3

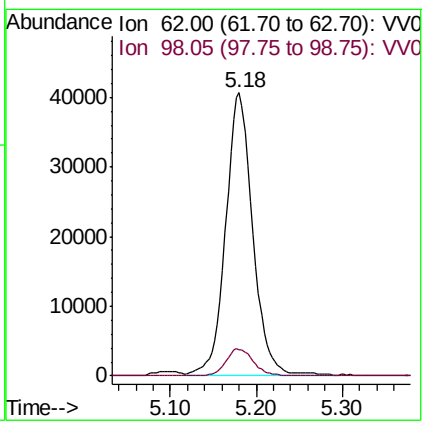


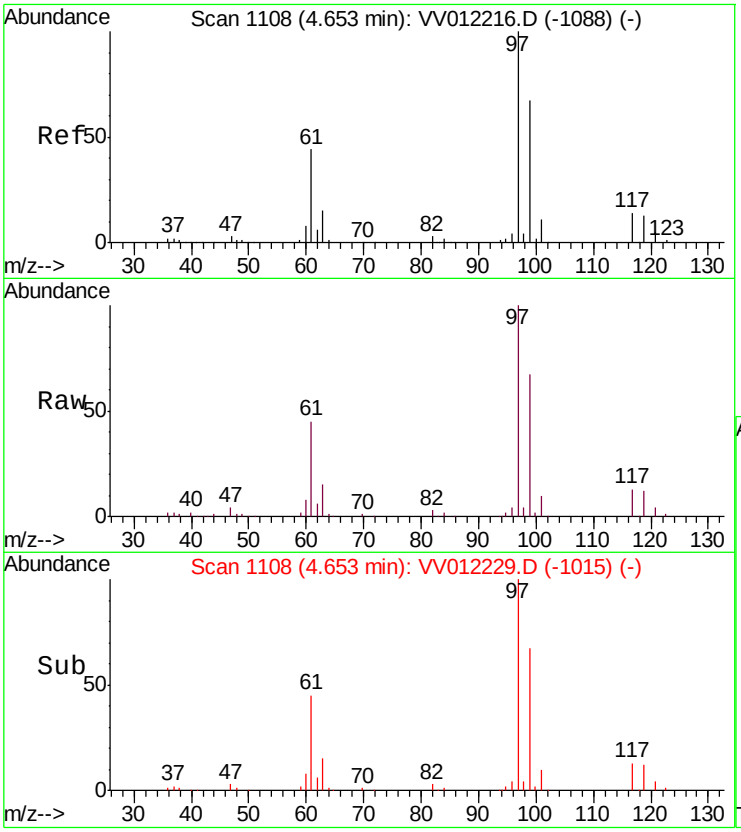


#27
1,2-Dichloroethane
Concen: 5.556 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 62 Resp: 88269

Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.5	11.3



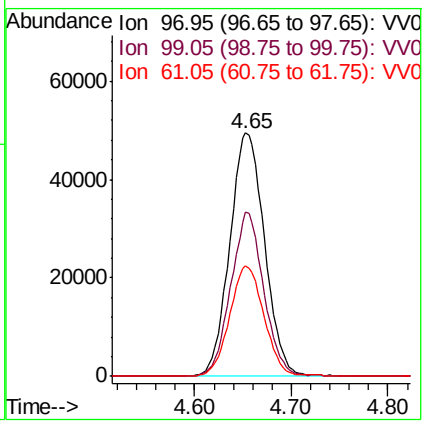


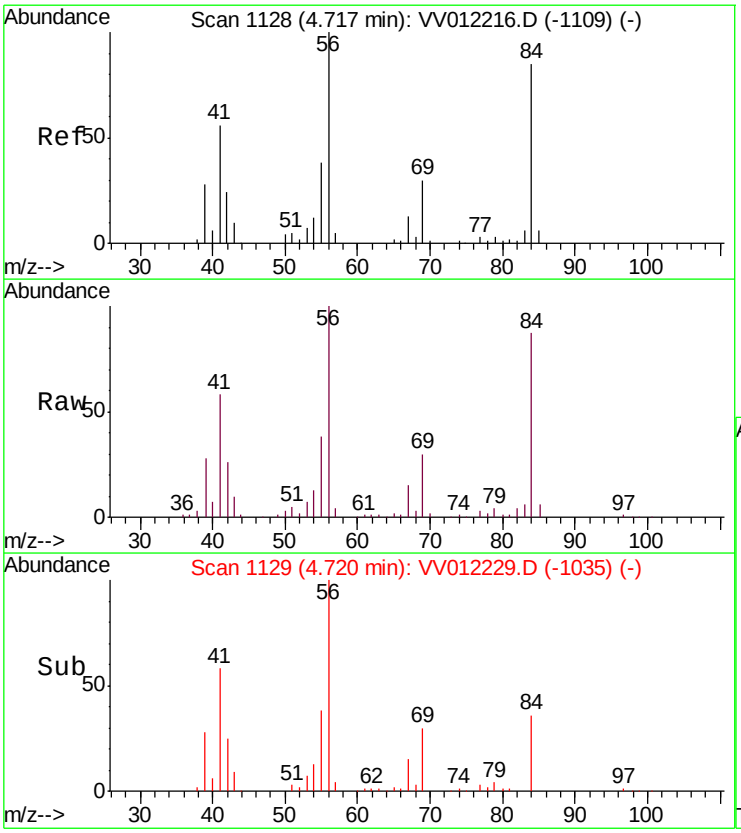
#29
1,1,1-Trichloroethane
Concen: 5.246 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 97 Resp: 123737

Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.1	78.1
61	45.0	35.4	53.0

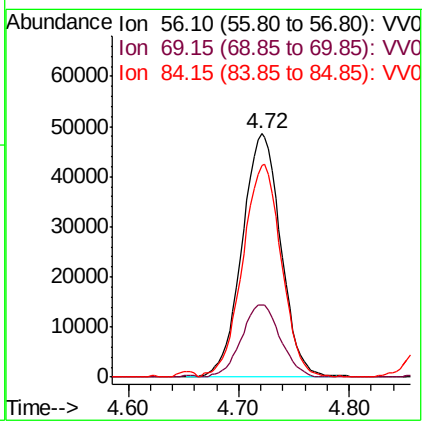


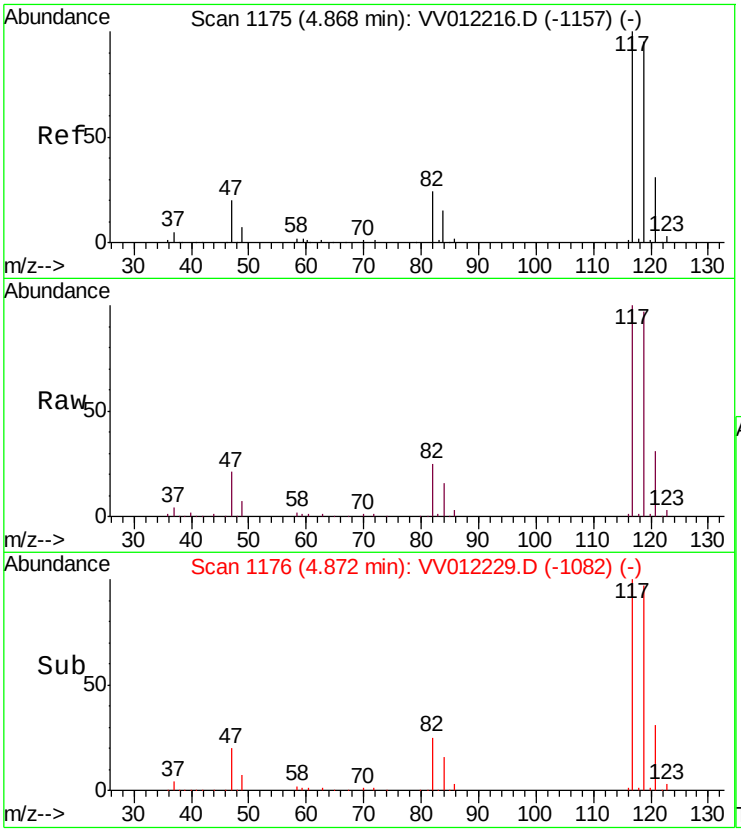


#30
Cyclohexane
Concen: 5.036 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 56 Resp: 118301

Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.6	36.8
84	87.5	71.0	106.6



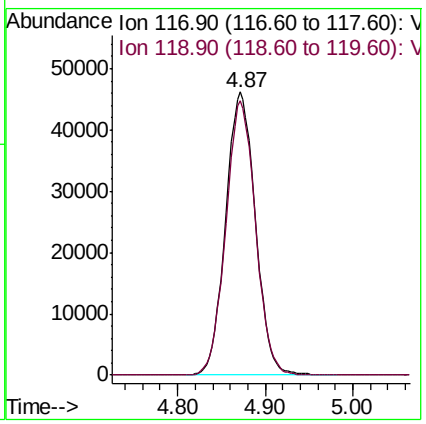


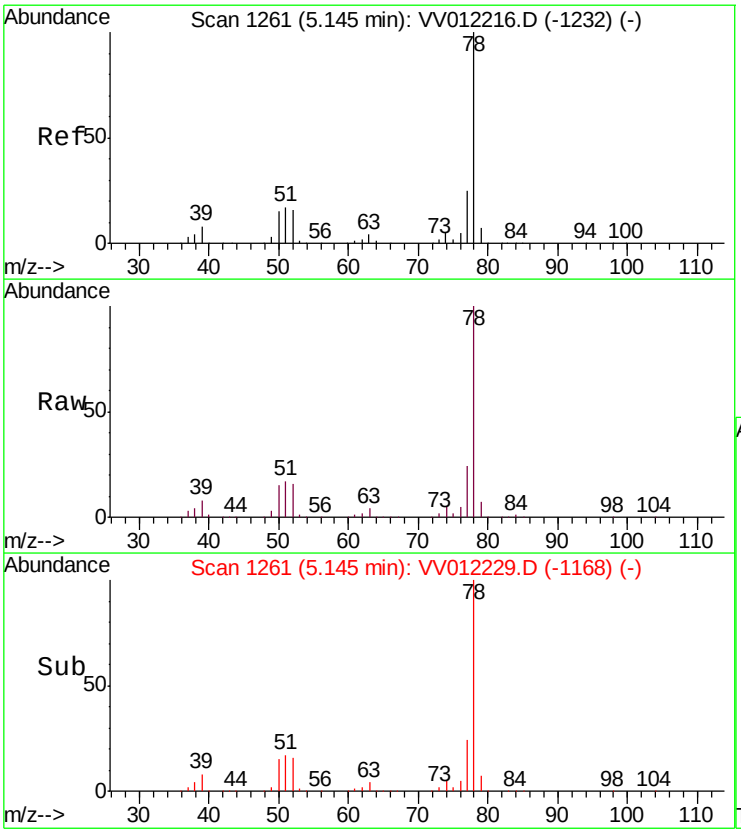
#31
Carbon tetrachloride
Concen: 5.109 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion:117 Resp: 109024

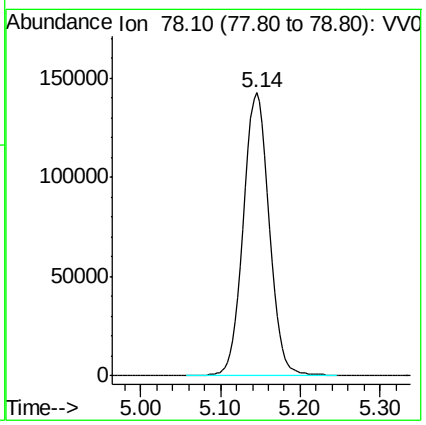
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.9	116.9

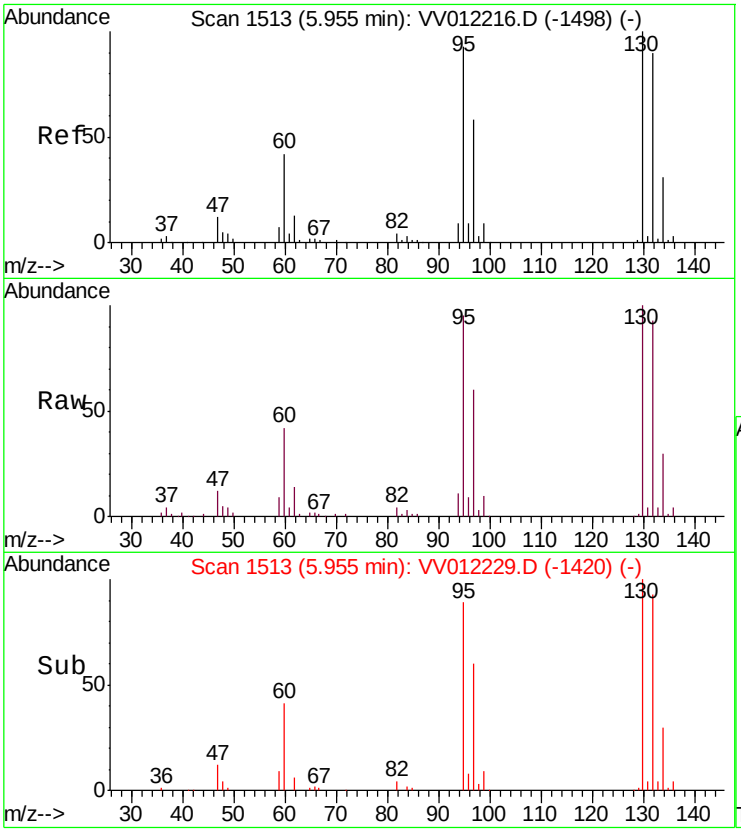




#33
Benzene
Concen: 5.355 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 78 Resp: 311518



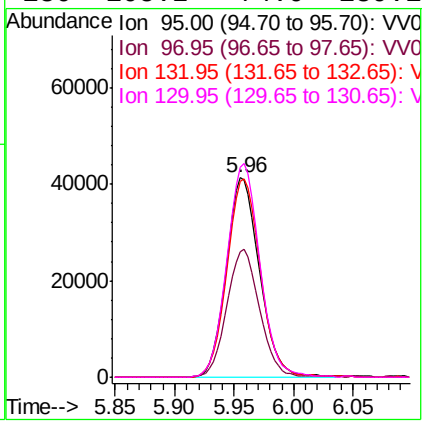


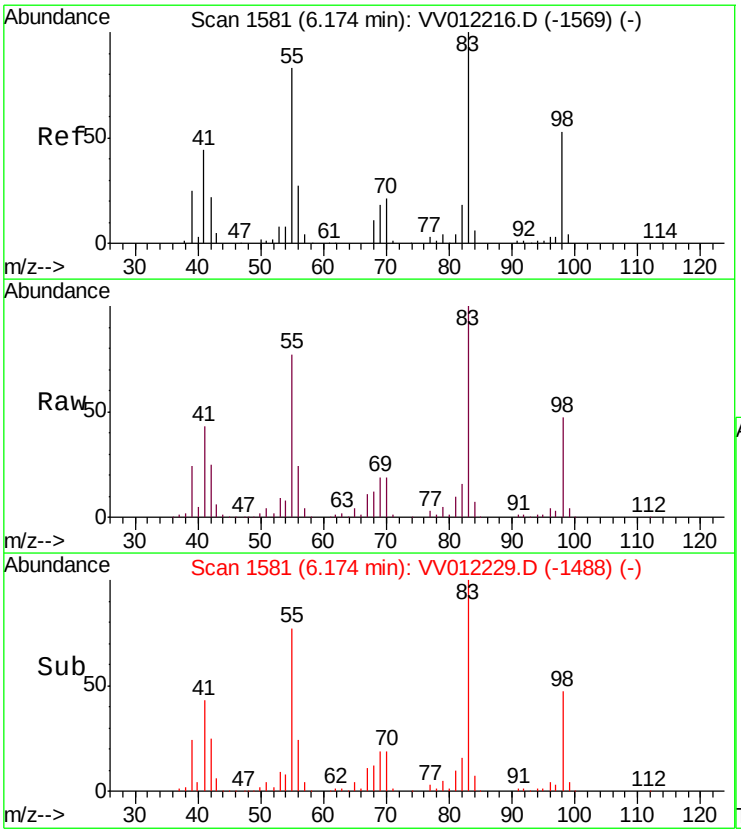
#34
Trichloroethene
Concen: 5.091 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 95 Resp: 80226

Ion	Ratio	Lower	Upper
95	100		
97	62.8	43.3	80.3
132	98.1	67.5	125.3
130	105.2	74.9	139.1

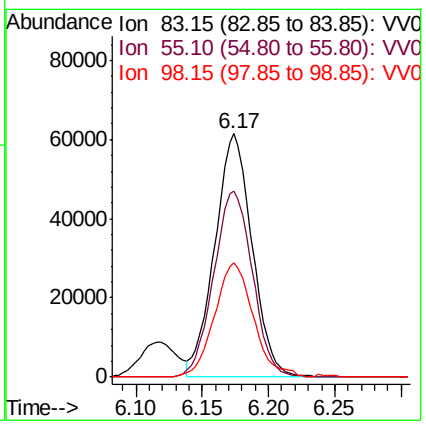


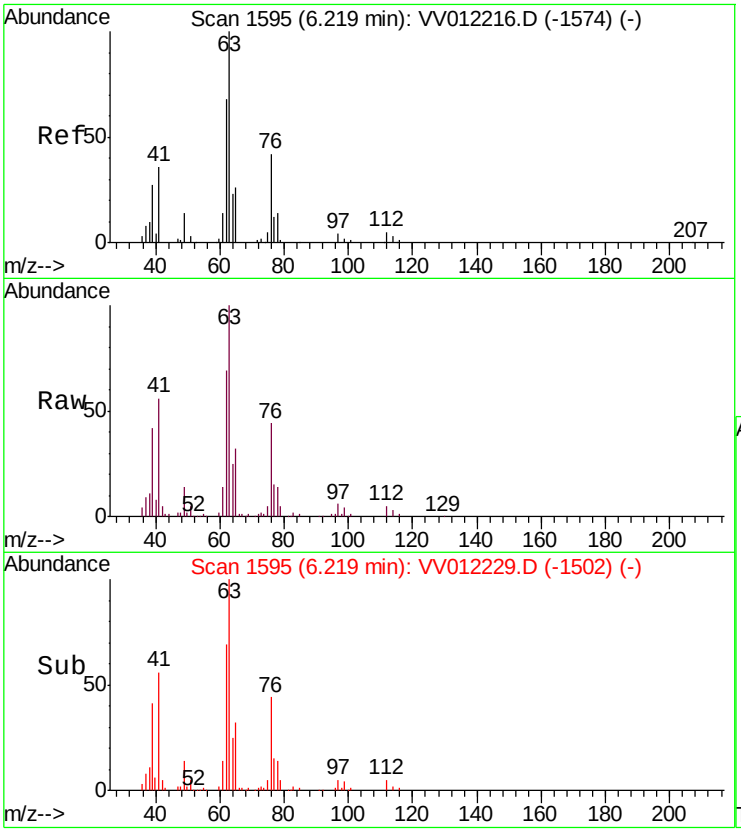


#35
Methylcyclohexane
Concen: 4.901 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 83 Resp: 119977

Ion	Ratio	Lower	Upper
83	100		
55	78.9	62.2	93.2
98	49.1	39.2	58.8



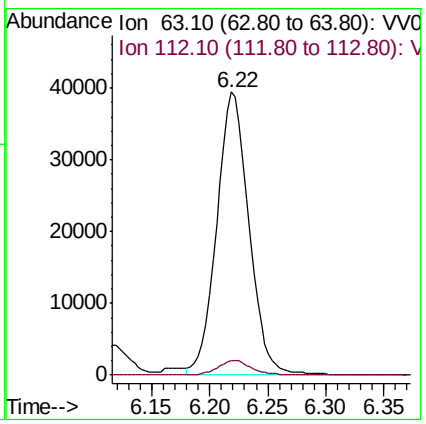


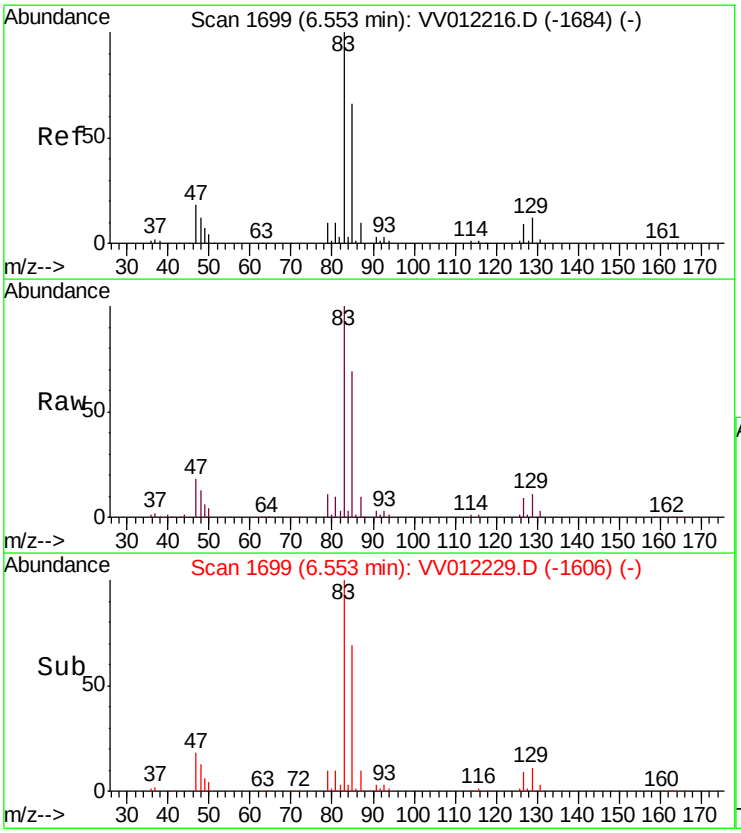
#37
1,2-Dichloropropane
Concen: 5.191 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 63 Resp: 75344

Ion	Ratio	Lower	Upper
63	100		
112	5.4	3.8	5.8

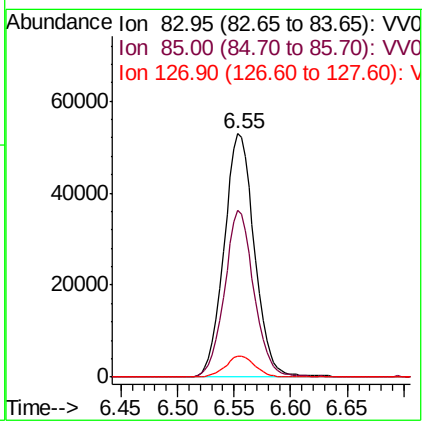


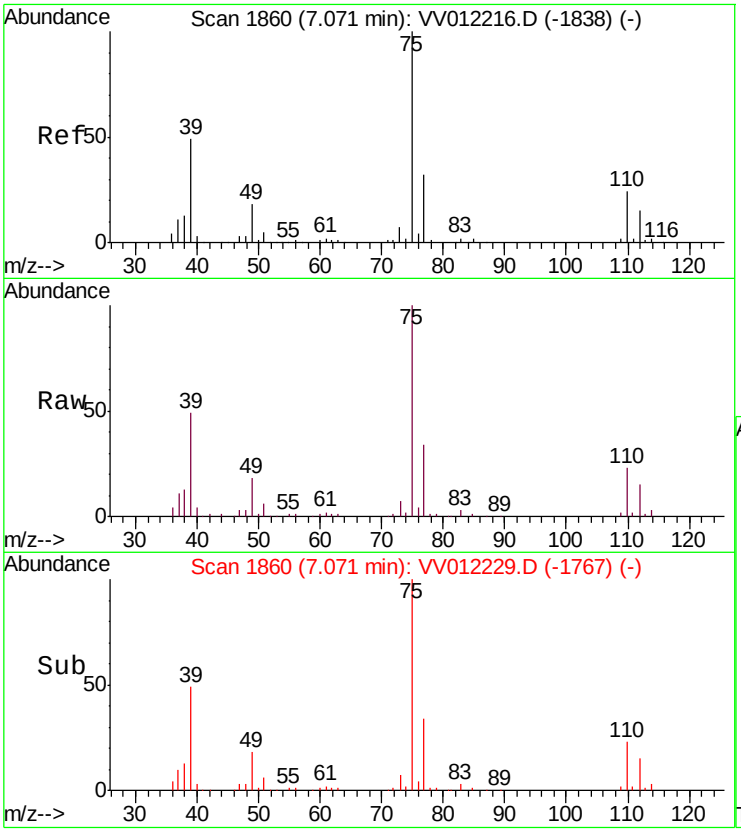


#38
Bromodichloromethane
Concen: 5.290 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 83 Resp: 98916

Ion	Ratio	Lower	Upper
83	100		
85	68.5	45.9	85.3
127	8.7	7.4	11.2



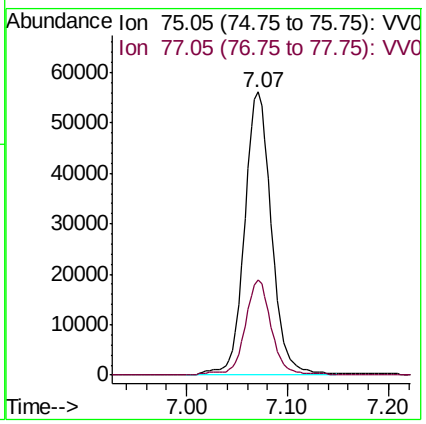


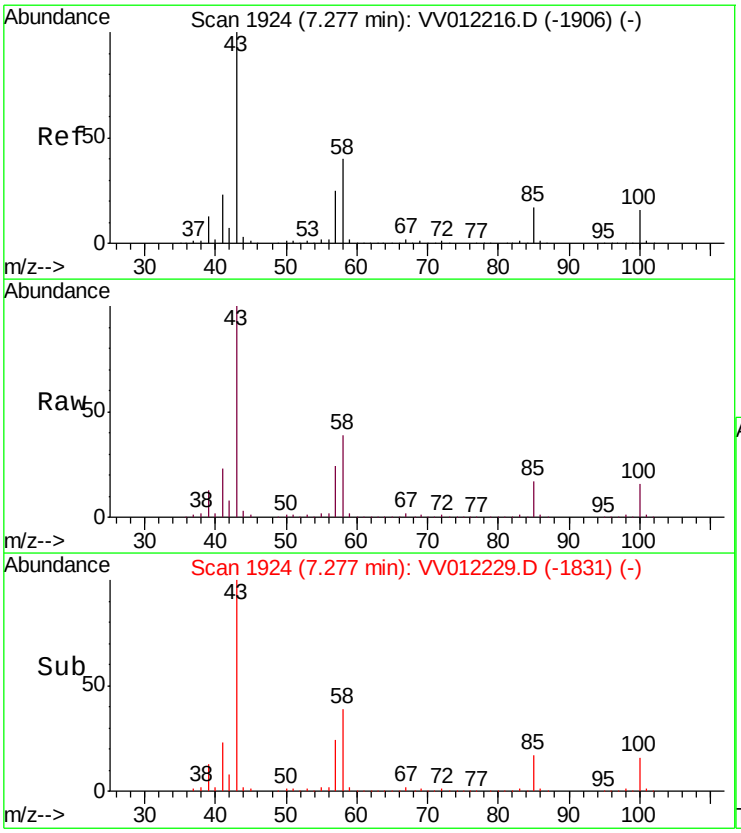
#39
cis-1,3-Dichloropropene
Concen: 5.168 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 75 Resp: 103305

Ion	Ratio	Lower	Upper
75	100		
77	33.6	22.2	41.2

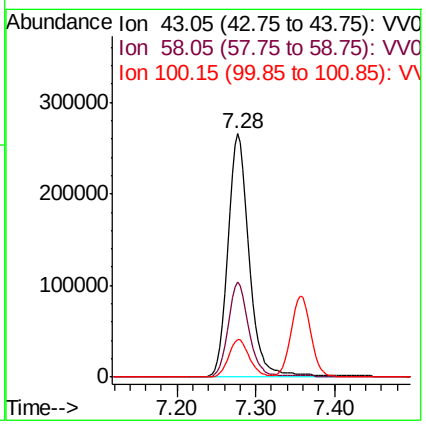


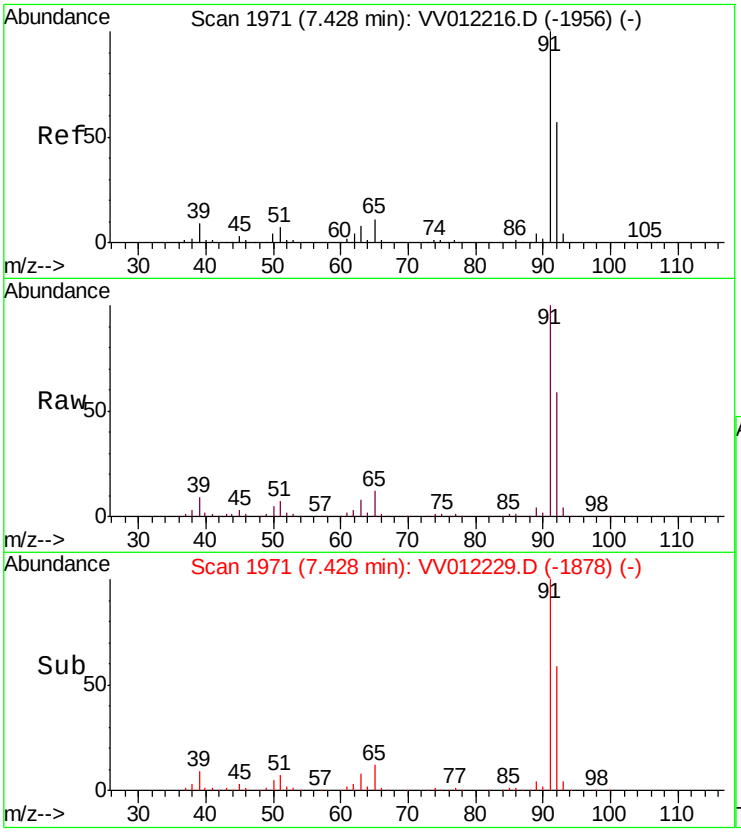


#40
4-Methyl-2-pentanone
Concen: 61.976 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 43 Resp: 494520

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.7	46.1
100	15.1	12.5	18.7



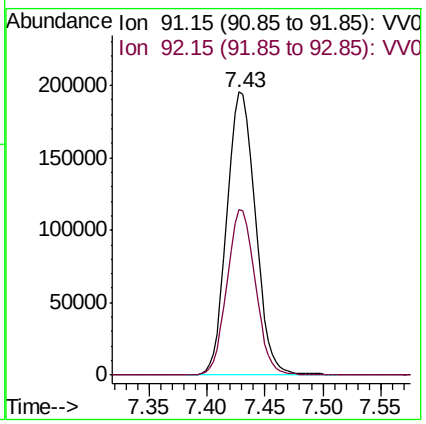


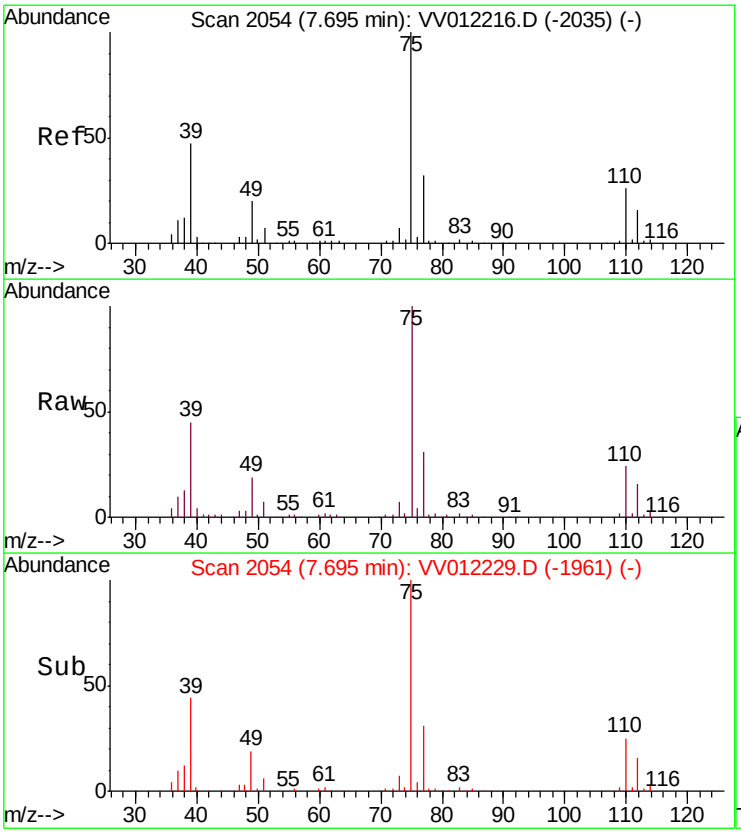
#42
Toluene
Concen: 5.400 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Tgt Ion: 91 Resp: 334161

Ion	Ratio	Lower	Upper
91	100		
92	58.5	39.8	73.8

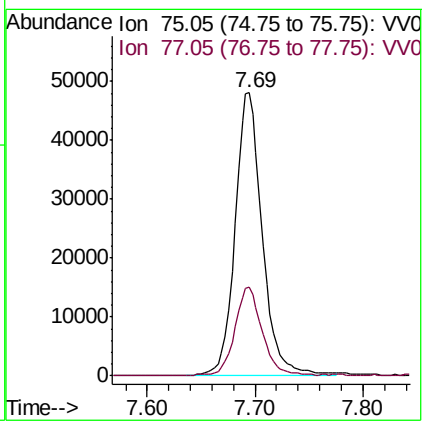


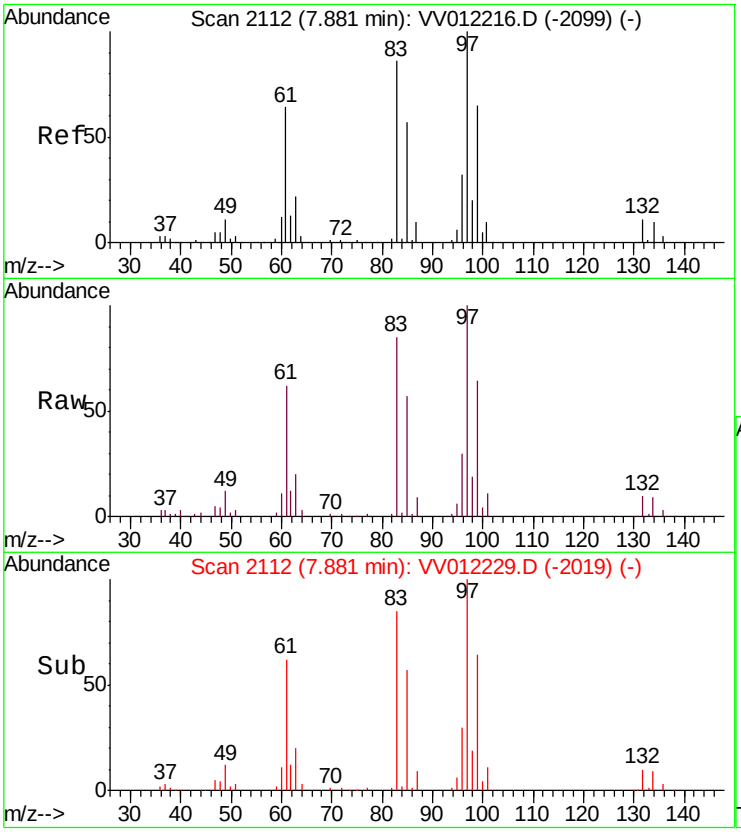


#44
trans-1,3-Dichloropropene
Concen: 5.384 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 75 Resp: 84672

Ion	Ratio	Lower	Upper
75	100		
77	31.2	22.5	41.7



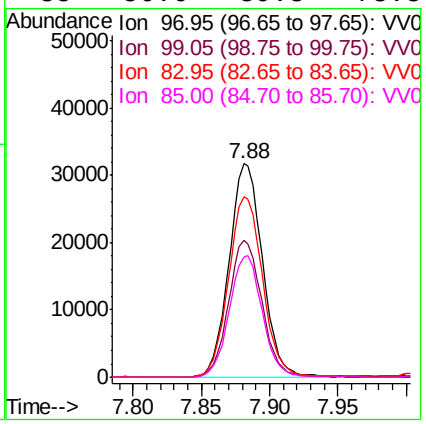


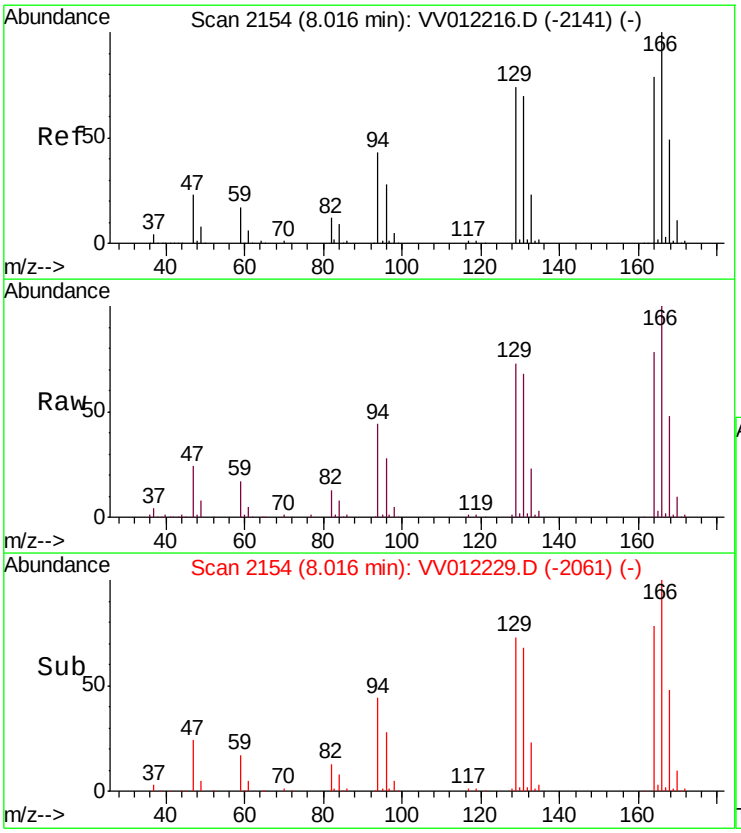
#45
1,1,2-Trichloroethane
Concen: 5.574 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 97 Resp: 53964

Ion	Ratio	Lower	Upper
97	100		
99	64.4	45.4	84.2
83	84.5	60.1	111.5
85	56.6	39.8	73.8

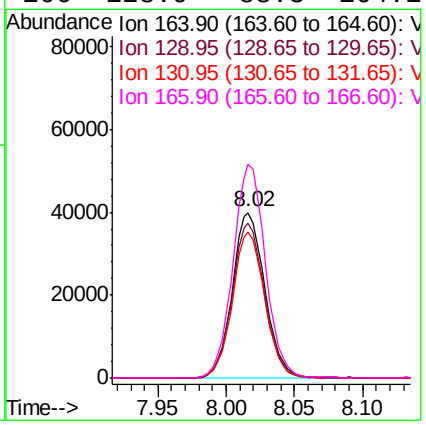


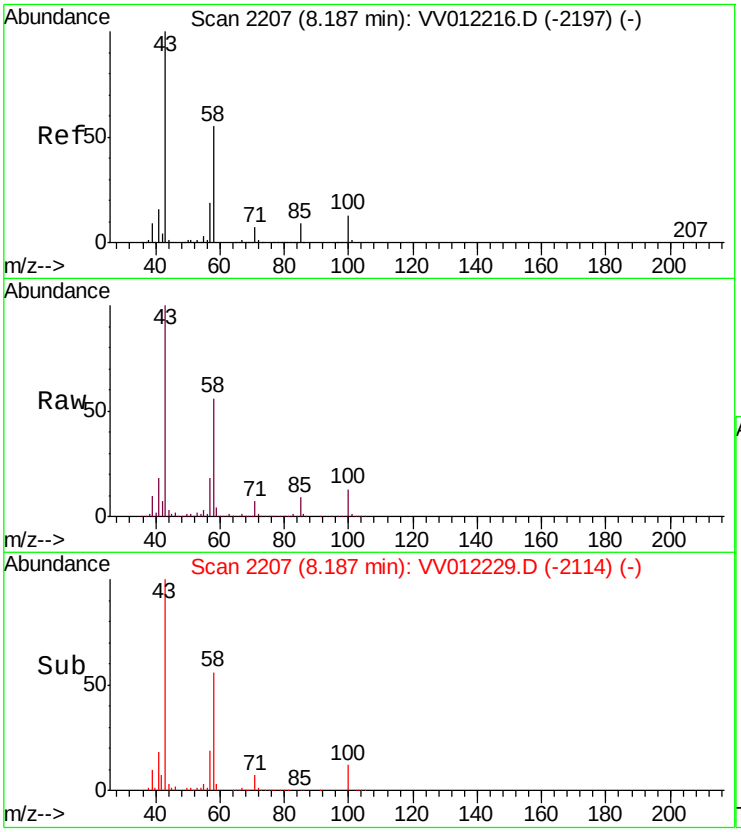


#47
Tetrachloroethene
Concen: 5.067 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:164 Resp: 65809

Ion	Ratio	Lower	Upper
164	100		
129	93.6	65.8	122.2
131	87.8	61.9	114.9
166	128.9	88.3	164.1



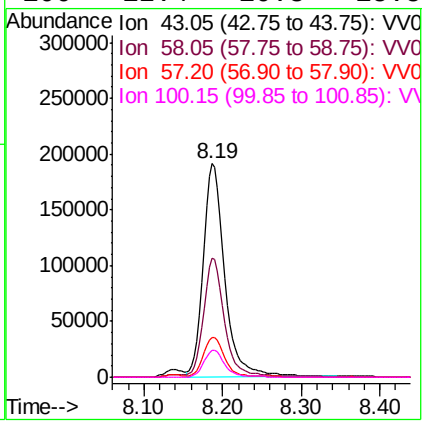


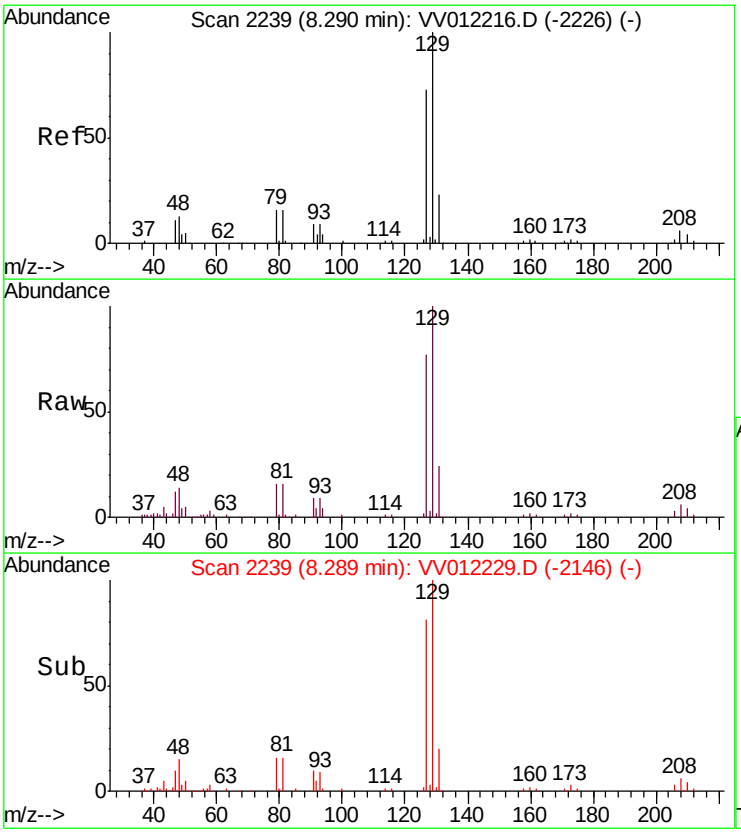
#48
2-Hexanone
Concen: 63.637 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Tgt Ion: 43 Resp: 357888

Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.0	64.4
57	17.9	14.9	22.3
100	12.4	10.3	15.5

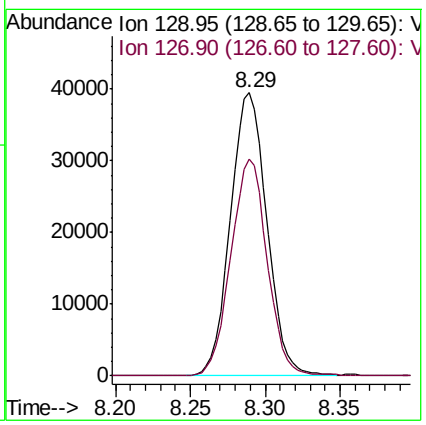


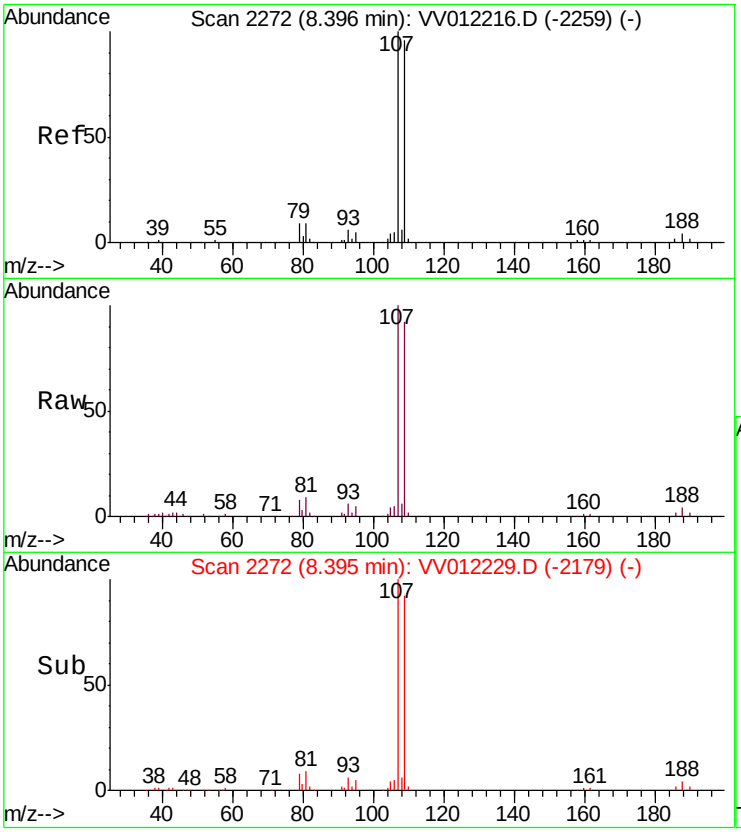


#49
Dibromochloromethane
Concen: 5.585 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:129 Resp: 67115

Ion	Ratio	Lower	Upper
129	100		
127	76.8	51.0	94.8



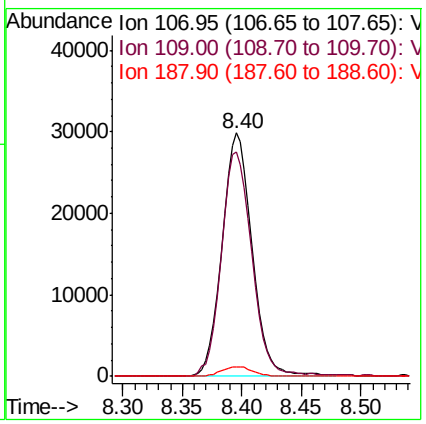


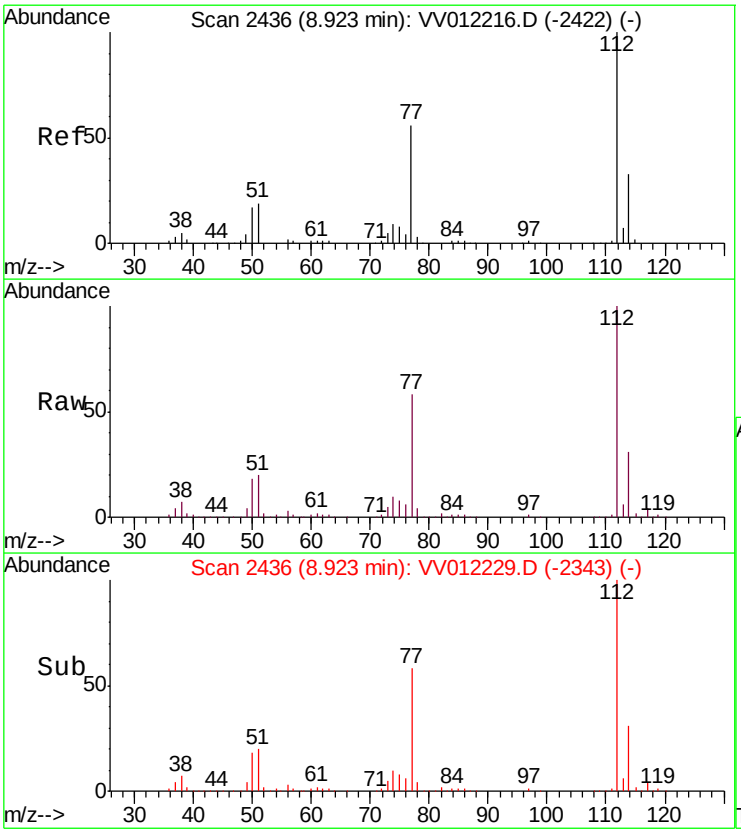
#50
1,2-Dibromoethane
Concen: 5.575 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Tgt Ion:107 Resp: 52132

Ion	Ratio	Lower	Upper
107	100		
109	92.4	67.3	125.1
188	4.0	3.4	5.0

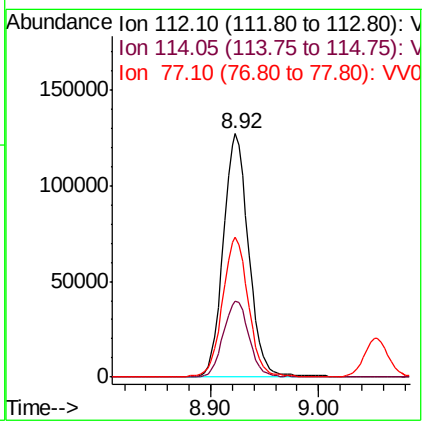


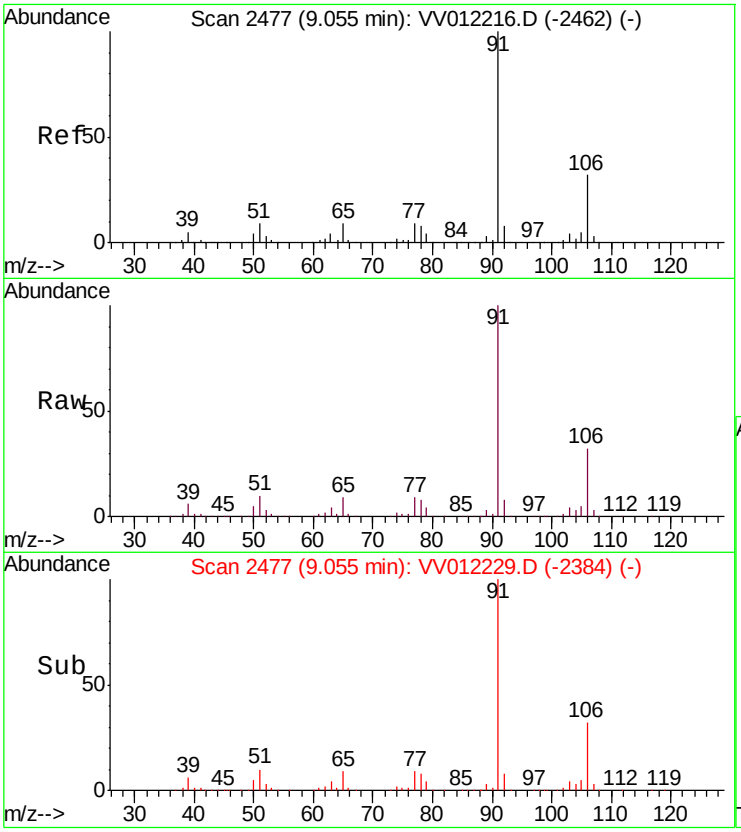


#51
Chlorobenzene
Concen: 5.205 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:112 Resp: 208557

Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.8	42.4
77	57.5	45.4	68.2



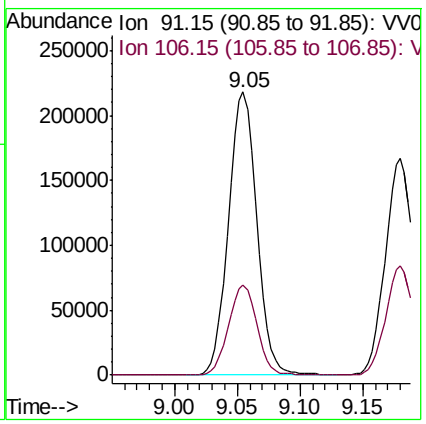


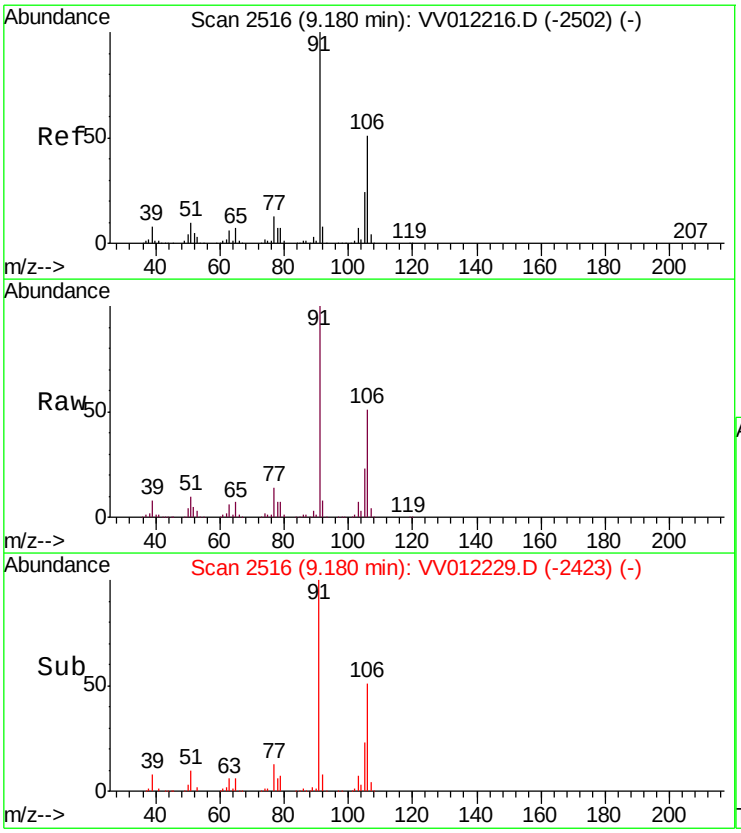
#52
Ethylbenzene
Concen: 5.199 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 91 Resp: 342866

Ion	Ratio	Lower	Upper
91	100		
106	31.8	22.3	41.3

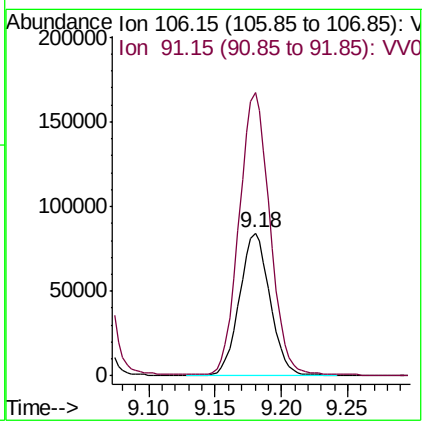


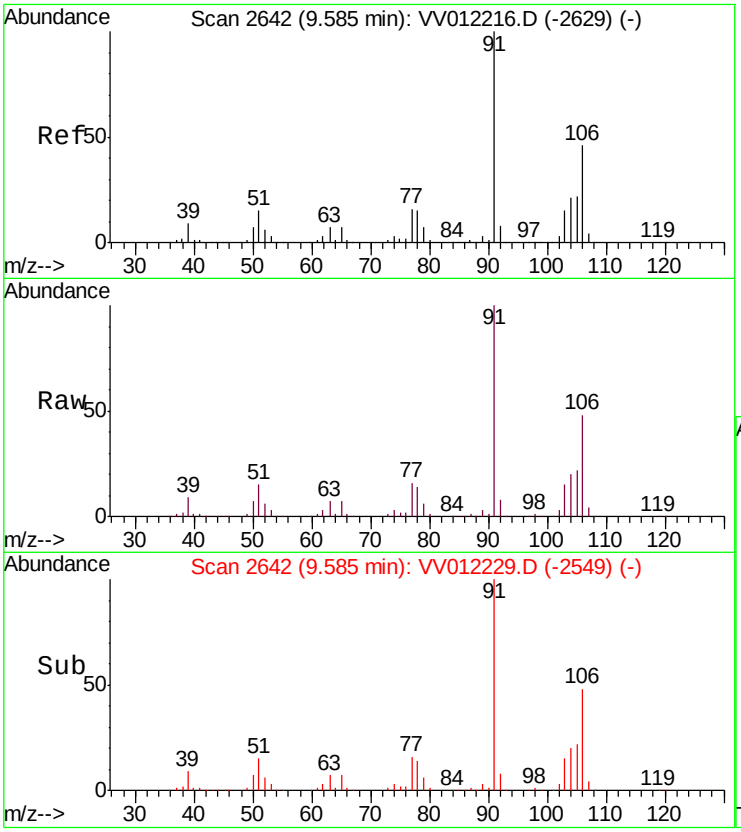


#53
m,p-xylene
Concen: 5.281 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:106 Resp: 133736

Ion	Ratio	Lower	Upper
106	100		
91	197.9	137.5	255.3



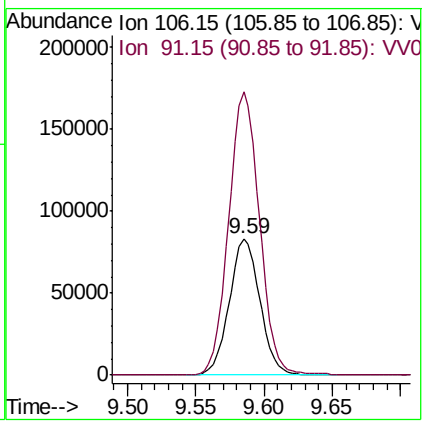


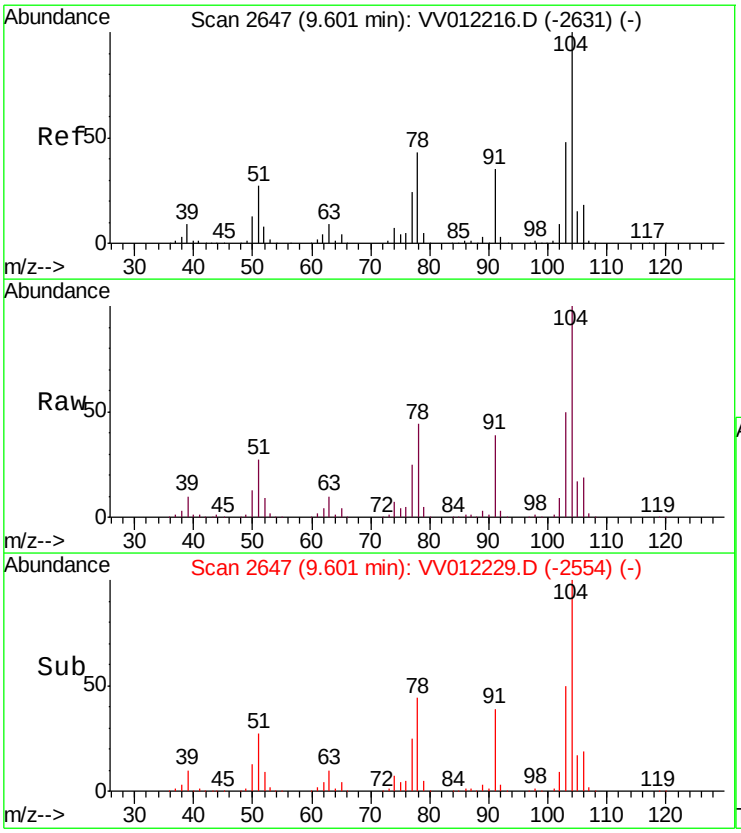
#54
o-xylene
Concen: 5.410 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion:106 Resp: 129662

Ion	Ratio	Lower	Upper
106	100		
91	207.2	151.1	280.7

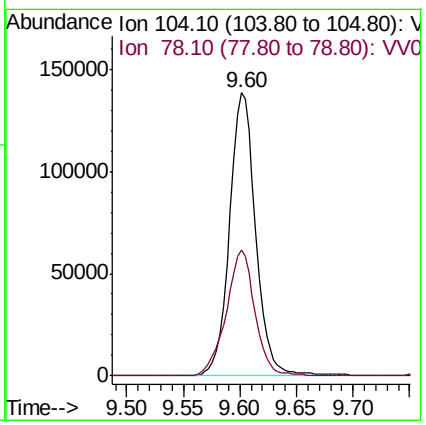


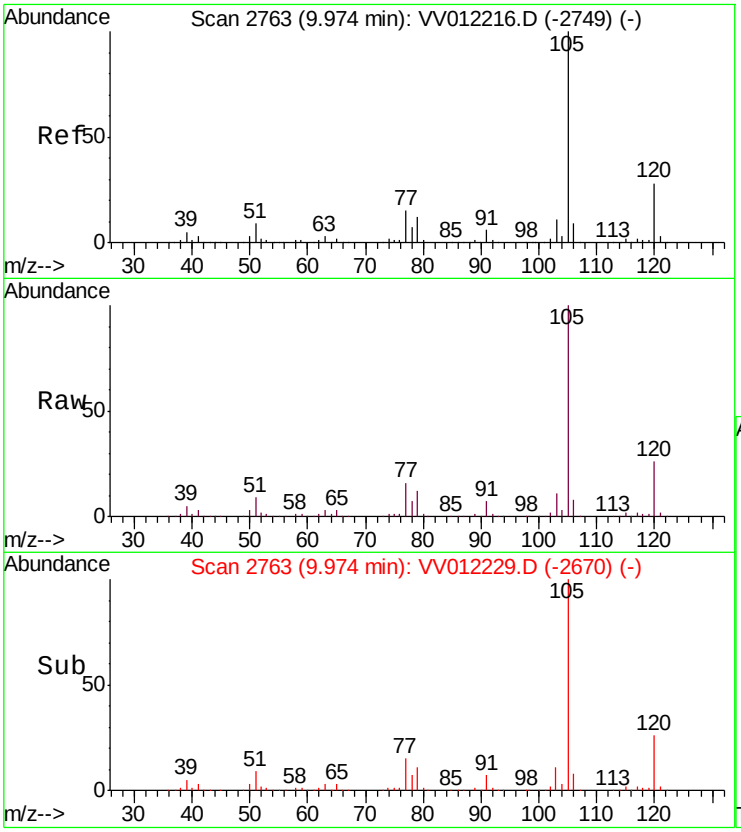


#55
Styrene
Concen: 5.565 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:104 Resp: 222880

Ion	Ratio	Lower	Upper
104	100		
78	44.4	30.3	56.3



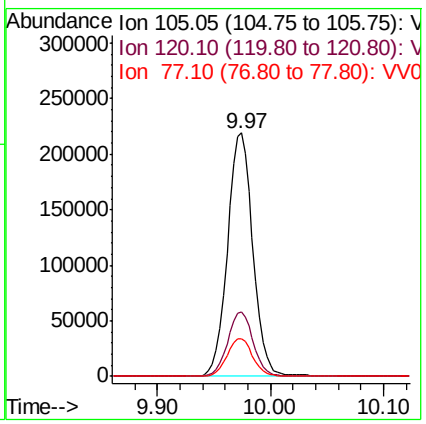


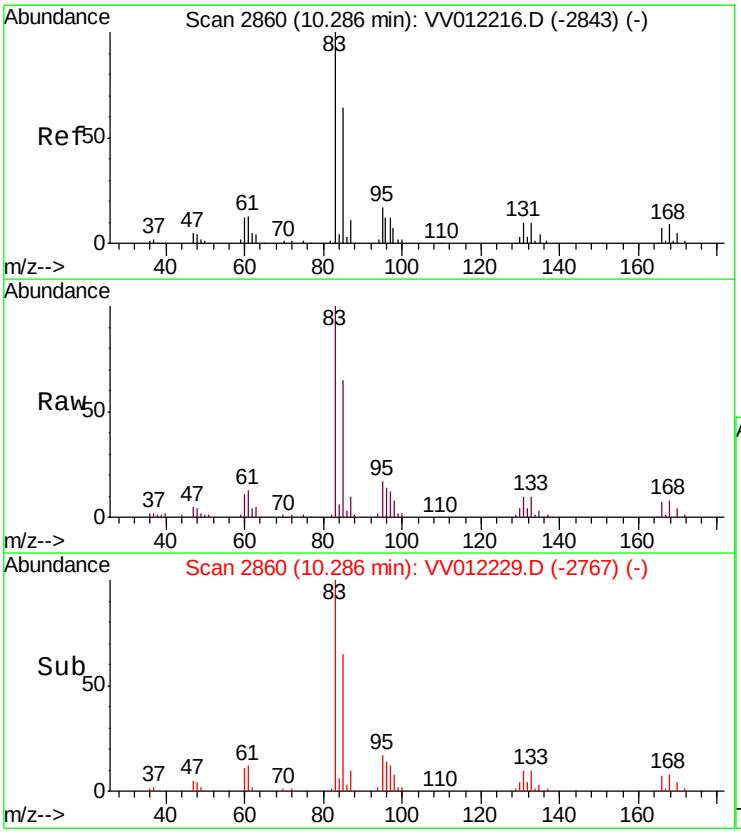
#56
Isopropylbenzene
Concen: 5.308 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion:105 Resp: 340215

Ion	Ratio	Lower	Upper
105	100		
120	26.6	22.0	33.0
77	15.7	12.5	18.7

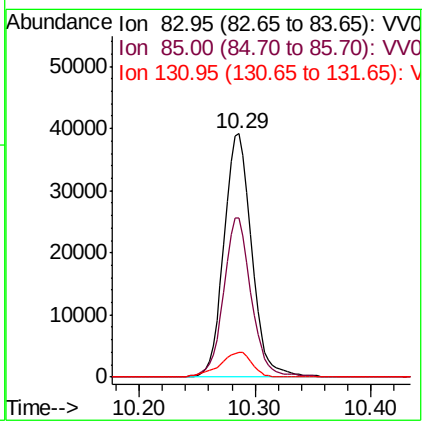


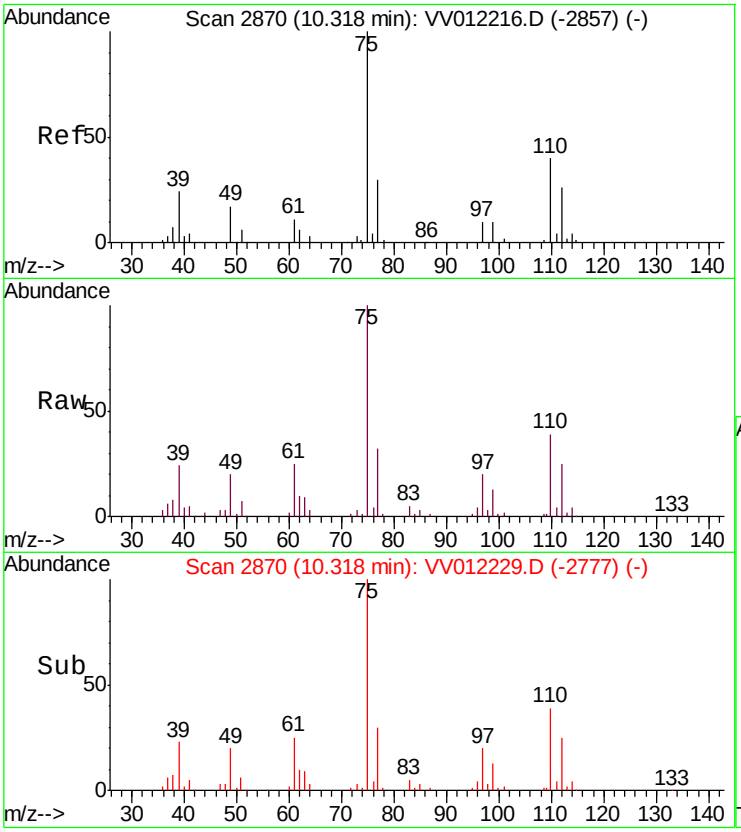


#58
1,1,2,2-Tetrachloroethane
Concen: 5.747 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 83 Resp: 64539

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.0	83.6
131	10.0	8.3	12.5



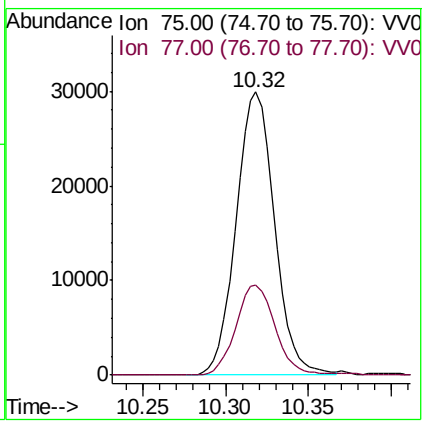


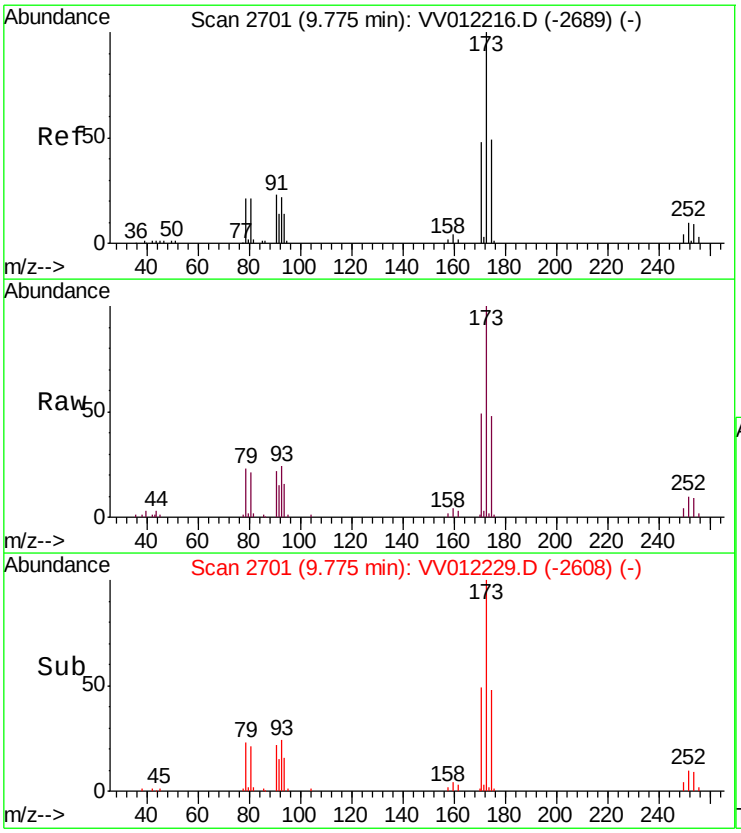
#59
1,2,3-Trichloropropane
Concen: 5.857 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 75 Resp: 48226

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.6

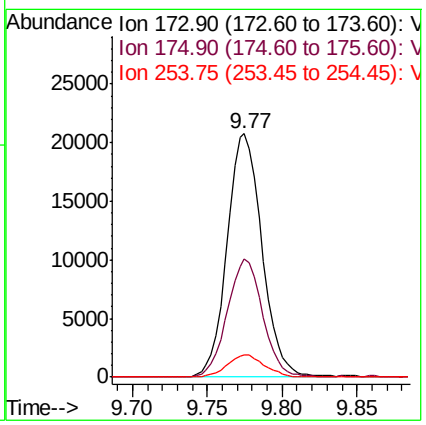


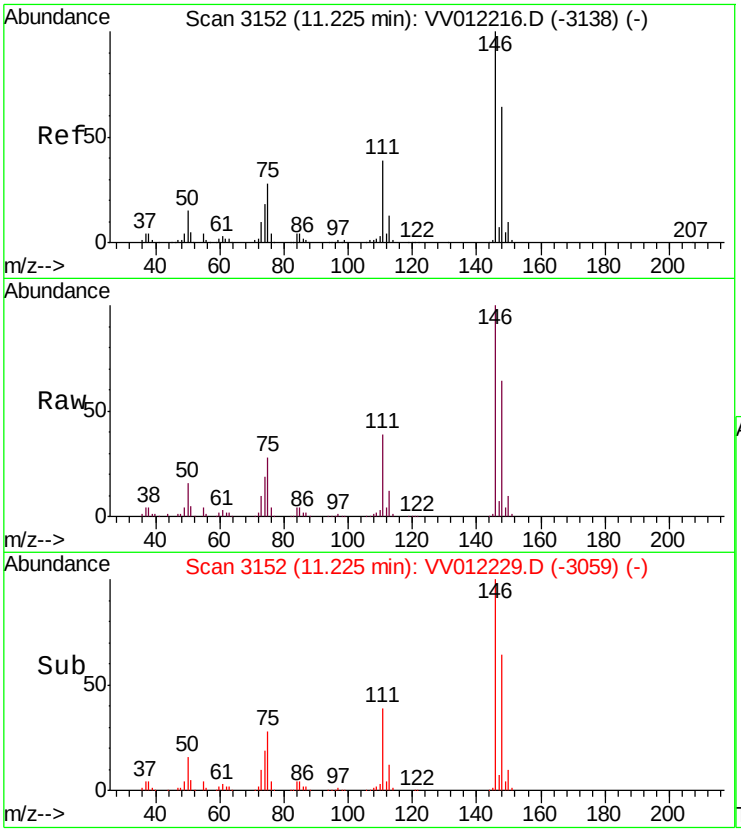


#61
Bromoform
Concen: 5.304 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:173 Resp: 33746

Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.8	58.2
254	9.7	7.6	11.4



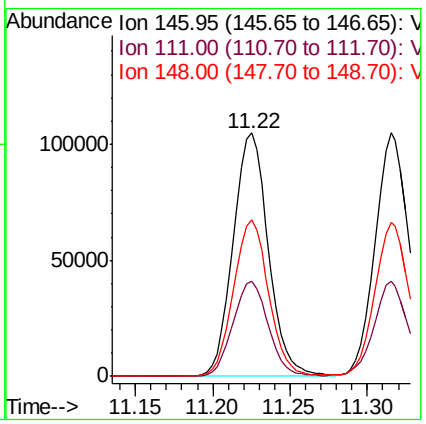


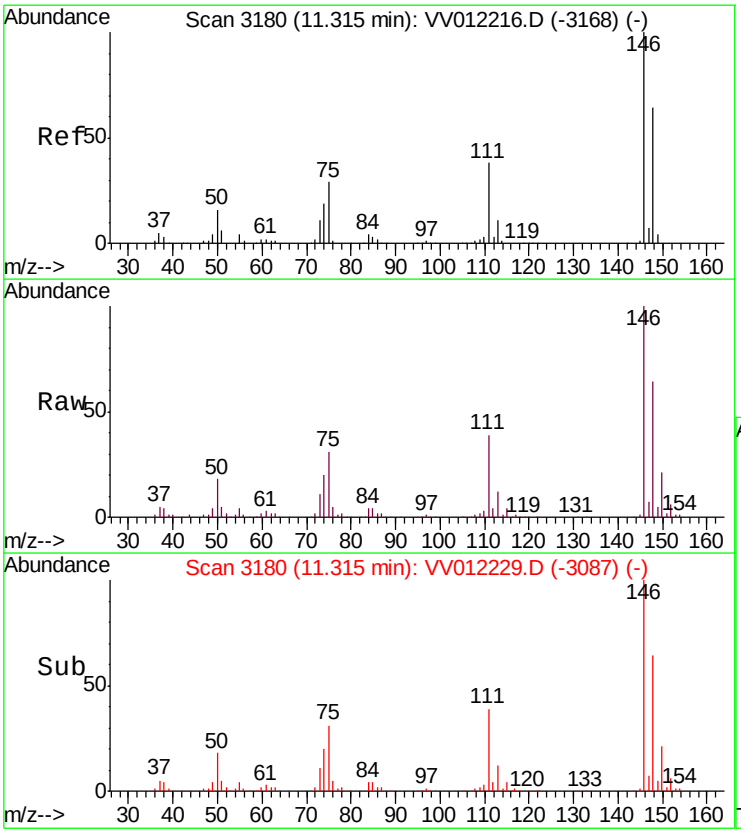
#62
1,3-Dichlorobenzene
Concen: 5.044 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Tgt Ion:146 Resp: 165672

Ion	Ratio	Lower	Upper
146	100		
111	39.2	26.9	50.1
148	64.2	45.0	83.6

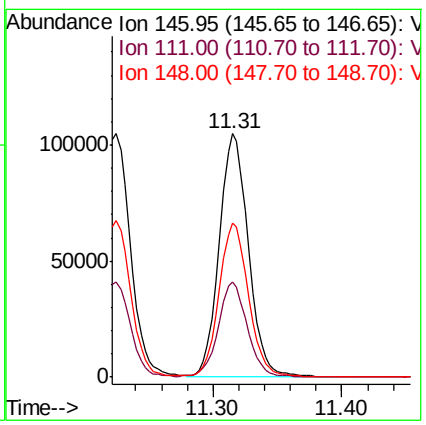


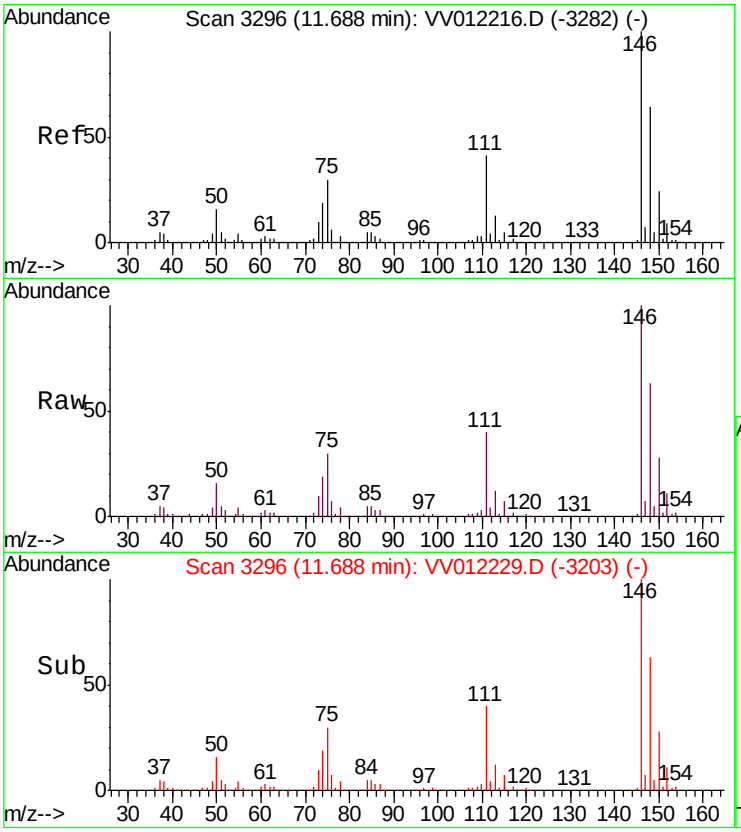


#63
1,4-Dichlorobenzene
Concen: 5.028 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:146 Resp: 164630

Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.0	50.2
148	63.5	44.5	82.7



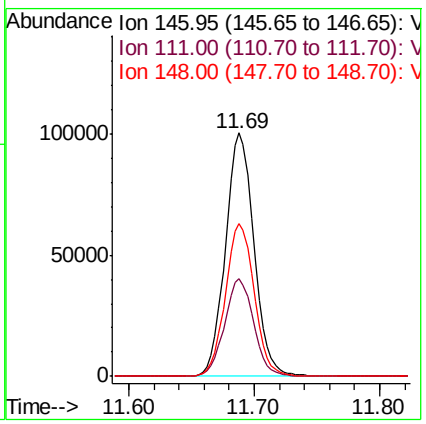


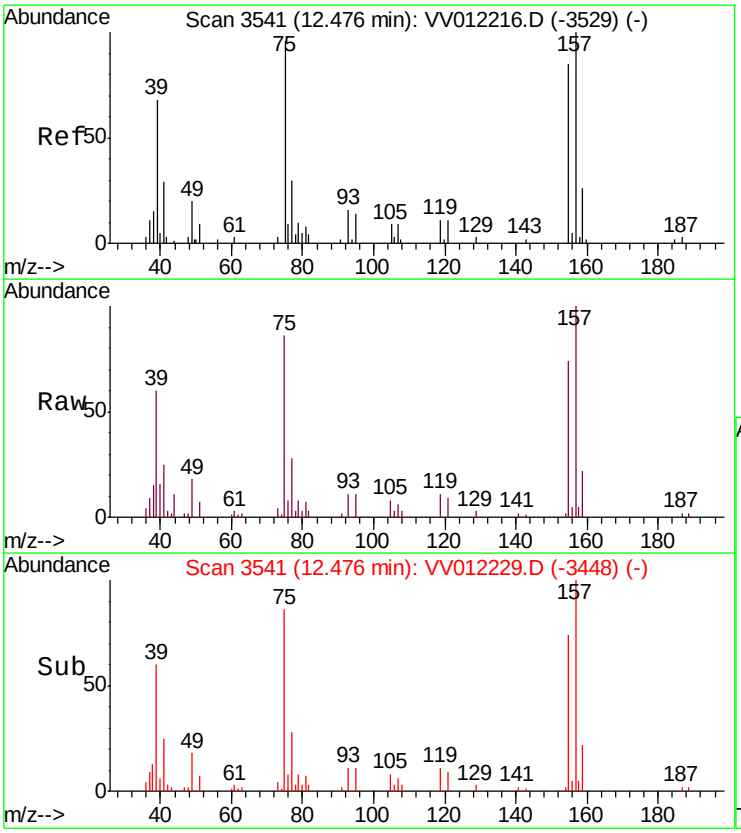
#65
1,2-Dichlorobenzene
Concen: 5.244 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Tgt Ion:146 Resp: 158054

Ion	Ratio	Lower	Upper
146	100		
111	40.1	33.0	49.4
148	62.6	51.1	76.7

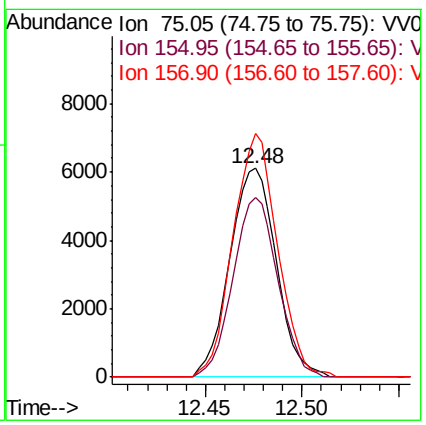


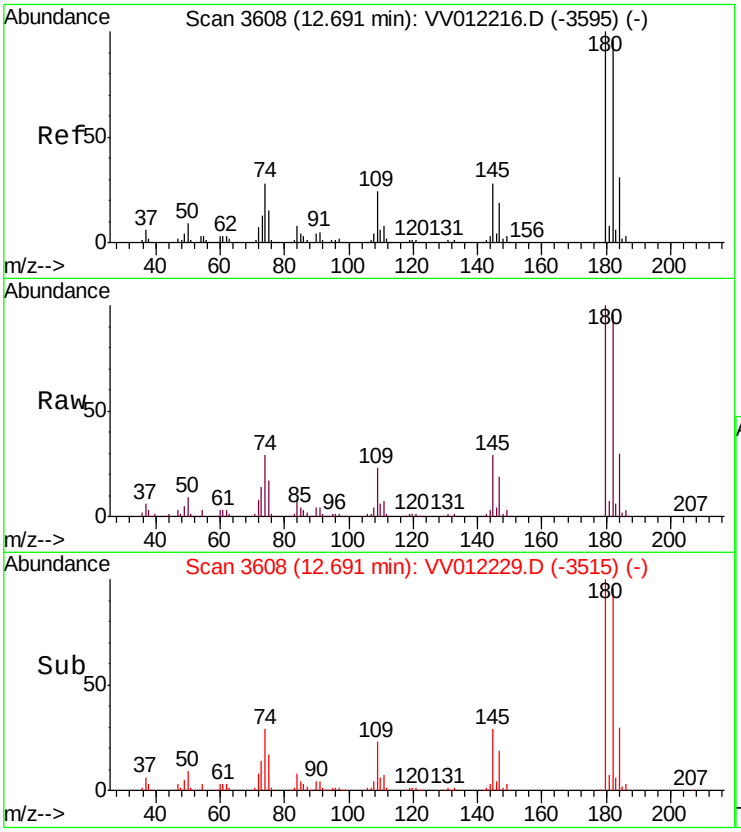


#66
1,2-Dibromo-3-chloropropane
Concen: 5.337 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion: 75 Resp: 10242

Ion	Ratio	Lower	Upper
75	100		
155	86.1	70.8	106.2
157	116.7	83.5	125.3



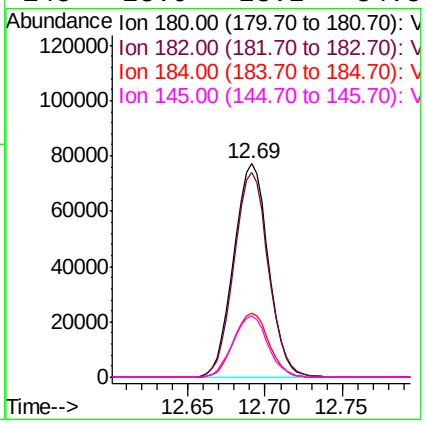


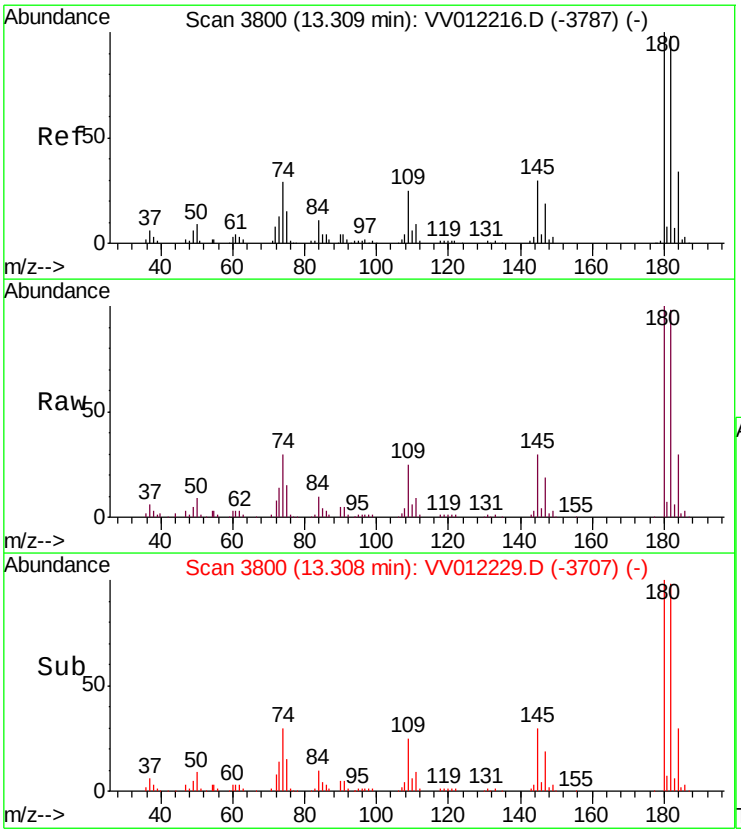
#67
1,3,5-Trichlorobenzene
Concen: 4.853 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion:180 Resp: 120384

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.3	114.5
184	30.5	24.6	36.8
145	28.9	23.2	34.8

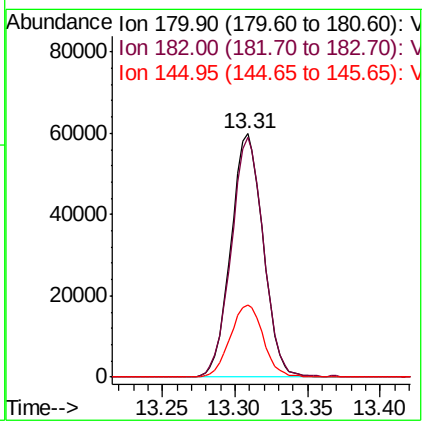


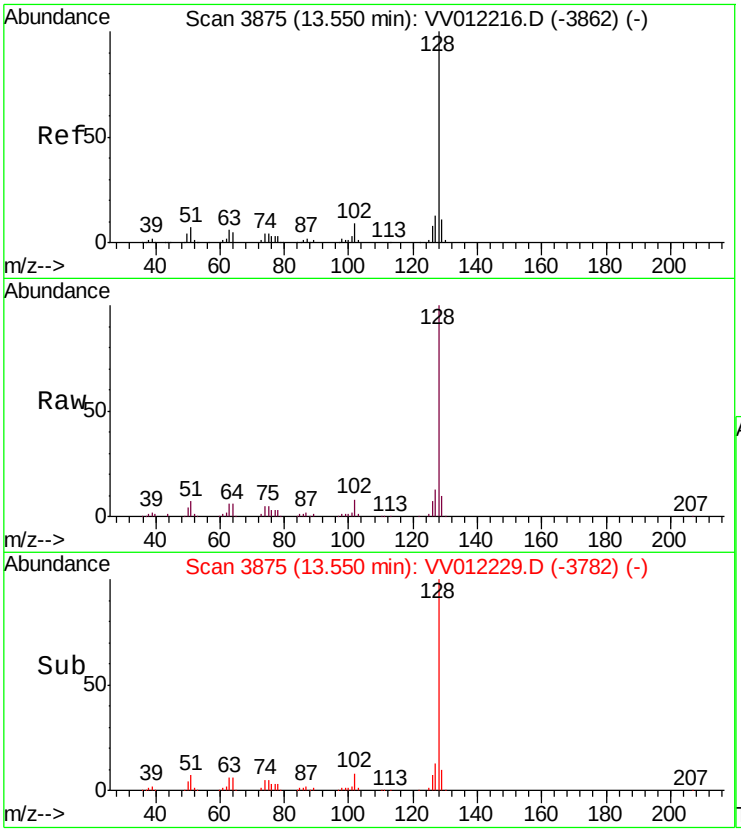


#68
1,2,4-trichlorobenzene
Concen: 5.013 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:180 Resp: 92427

Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.2	115.8
145	30.3	23.9	35.9



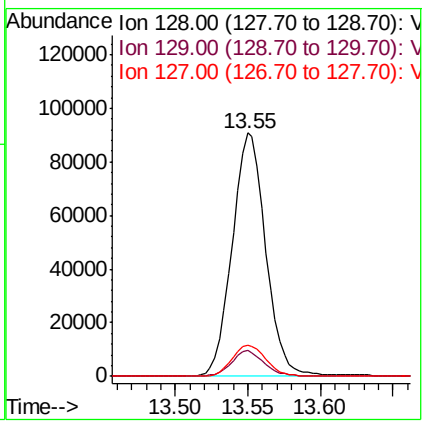


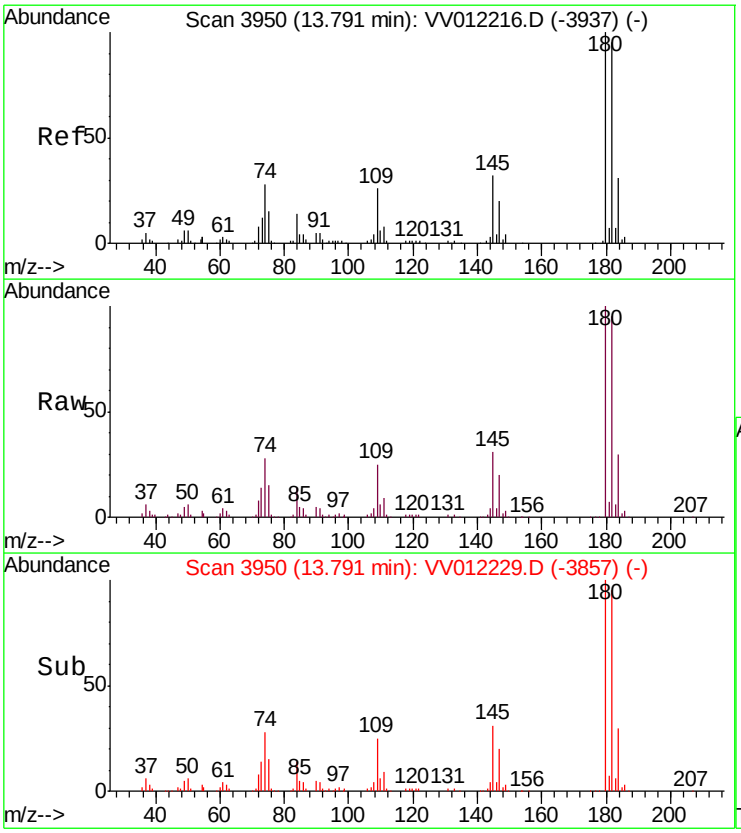
#69
Naphthalene
Concen: 5.455 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion:128 Resp: 145390

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.2	10.1	15.1





#70
1,2,3-Trichlorobenzene
Concen: 5.280 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VV012229.D
Acq: 13 Aug 2019 21:53

Tgt Ion:180 Resp: 91945

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.4
145	31.4	24.8	37.2