Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\

Quantitation Report (Not Reviewed)

Data File : VV013505.D
Acq On : 06 Nov 2019 17:57
Operator : SY/MD
Sample : MDL08
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Quant Time: Nov 07 02:49:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	885663	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	850809	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	398264	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	240158	46.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.62%			
7) Chloroethane-d5	1.58	69	202701	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.02%			
11) 1,1-Dichloroethene-d2	2.13	63	333562	36.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.56%			
21) 2-Butanone-d5	3.92	46	387425	101.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.03%			
24) Chloroform-d	4.40	84	533621	47.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.08	65	361456	49.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.40%			
32) Benzene-d6	5.10	84	1107572	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.62%			
36) 1,2-Dichloropropane-d6	6.11	67	361692	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.28%			
41) Toluene-d8	7.36	98	1007147	48.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.48%			
43) trans-1,3-Dichloropropene-	7.66	79	160399	47.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.84%			
47) 2-Hexanone-d5	8.13	63	251824	94.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.30%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	426781	46.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.30%			
64) 1,2-Dichlorobenzene-d4	11.67	152	404175	50.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	21281	2.887	ug/L	98
3) Chloromethane	1.25	50	20584	2.940	ug/L	95
5) Vinyl chloride	1.32	62	20019	3.060	ug/L #	60
6) Bromomethane	1.53	94	9490	3.023	ug/L	98
8) Chloroethane	1.60	64	10419	2.842	ug/L	98
9) Trichlorofluoromethane	1.77	101	25935	2.986	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	18398	3.761	ug/L	86
13) Acetone	2.18	43	19257	5.381	ug/L	97
14) Carbon disulfide	2.32	76	46436	2.842	ug/L	99
15) Methyl Acetate	2.46	43	17976	2.753	ug/L	94
16) Methylene chloride	2.54	84	20940	3.314	ug/L	91
17) trans-1,2-Dichloroethene	2.79	96	17171	2.954	ug/L	93
18) Methyl tert-butyl Ether	2.80	73	50857	2.869	ug/L	97
19) 1,1-Dichloroethane	3.23	63	32364	2.919	ug/L	100
22) 2-Butanone	4.02	43	20312	4.285	ug/L	95
23) Bromochloromethane	4.30	128	10047	2.995	ug/L	92
25) Chloroform	4.42	83	61082	5.355	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\

Quantitation Report (Not Reviewed)

Data File : VV013505.D
Acq On : 06 Nov 2019 17:57
Operator : SY/MD
Sample : MDL08
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Quant Time: Nov 07 02:49:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.18	62	23304	2.666	ug/L		96
29) Cyclohexane	4.73	56	26651	2.727	ug/L		96
30) 1,1,1-Trichloroethane	4.66	97	27520	2.906	ug/L		98
31) Carbon tetrachloride	4.87	117	22919	2.714	ug/L		95
33) Benzene	5.15	78	75168	3.112	ug/L		100
34) Trichloroethene	5.96	95	20382	3.175	ug/L		95
35) Methylcyclohexane	6.18	83	27444	2.773	ug/L		96
38) Bromodichloromethane	6.56	83	23007	2.751	ug/L		97
39) cis-1,3-Dichloropropene	7.07	75	24883	2.576	ug/L		99
40) 4-Methyl-2-pentanone	7.27	43	43172	5.267	ug/L		97
42) Toluene	7.43	91	75343	2.993	ug/L		93
44) trans-1,3-Dichloropropene	7.69	75	29444	3.503	ug/L		94
45) 1,1,2-Trichloroethane	7.88	97	16940	2.845	ug/L		99
46) Tetrachloroethene	8.02	164	15968	2.914	ug/L		92
48) 2-Hexanone	8.18	43	53808	8.312	ug/L	#	91
49) Dibromochloromethane	8.29	129	18095	2.643	ug/L		97
50) 1,2-Dibromoethane	8.40	107	18277	2.925	ug/L	#	98
51) Chlorobenzene	8.92	112	49428	2.954	ug/L		99
52) Ethylbenzene	9.05	91	72338	2.648	ug/L		99
53) m,p-Xylene	9.18	106	25699	2.479	ug/L		96
54) o-xylene	9.59	106	25811	2.596	ug/L		98
55) Styrene	9.60	104	41427	2.410	ug/L		98
56) Isopropylbenzene	9.97	105	64025	2.452	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.28	83	27597	3.070	ug/L		95
59) 1,2,3-Trichloropropane	10.32	75	22392	2.991	ug/L		97
61) Bromoform	9.77	173	13476	2.886	ug/L		98
62) 1,3-Dichlorobenzene	11.22	146	36828	3.051	ug/L		99
63) 1,4-Dichlorobenzene	11.31	146	38424	3.073	ug/L		98
65) 1,2-Dichlorobenzene	11.68	146	39038	3.230	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.47	75	5518	3.309	ug/L	#	91
67) 1,3,5-Trichlorobenzene	12.69	180	27583	2.925	ug/L		97
68) 1,2,4-trichlorobenzene	13.31	180	21871	2.647	ug/L		100
69) Naphthalene	13.55	128	48645	2.204	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	22703	2.588	ug/L		97

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

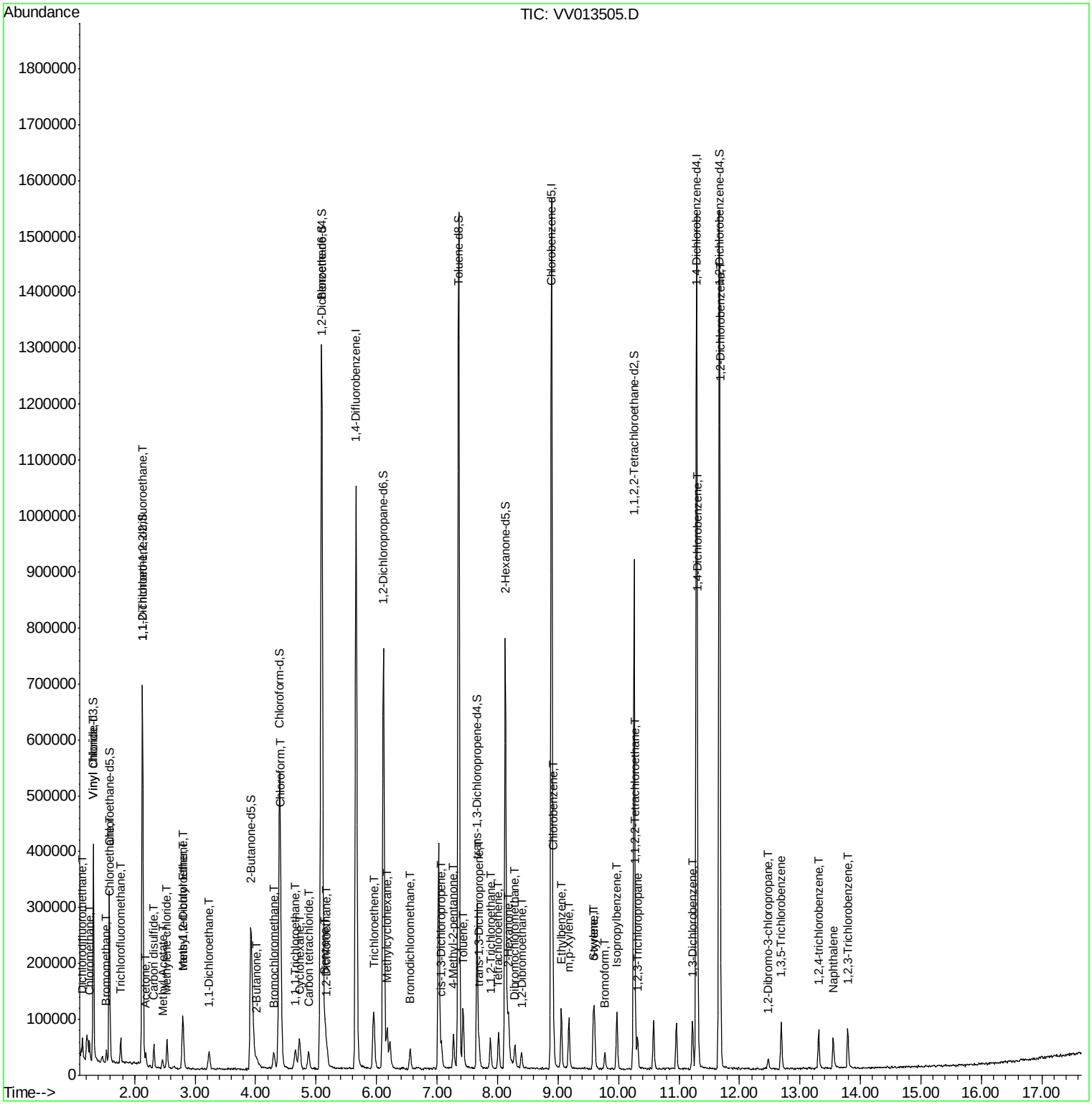
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\

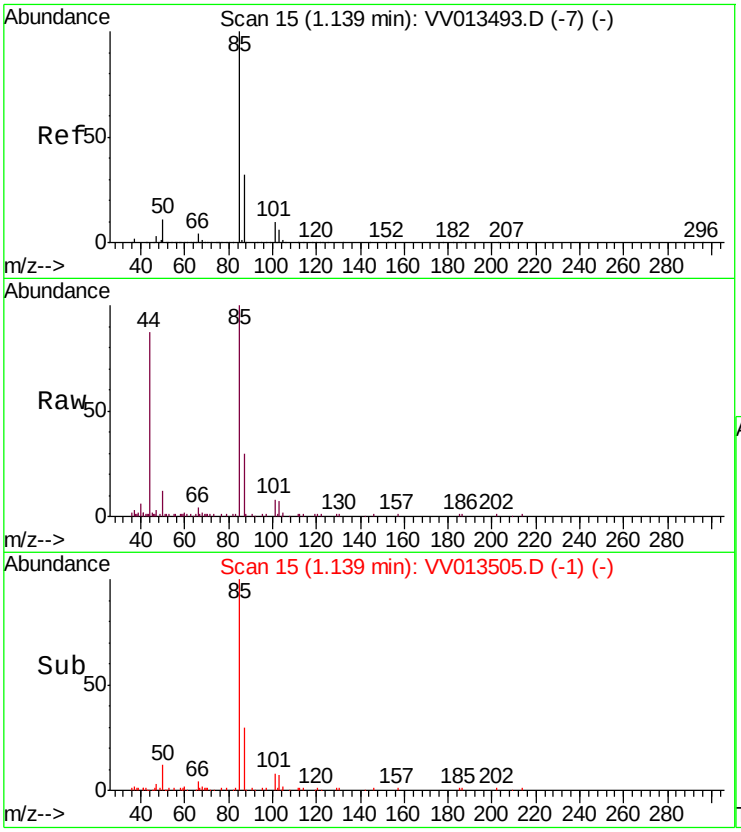
Quantitation Report (Not Reviewed)

Data File : VV013505.D
Acq On : 06 Nov 2019 17:57
Operator : SY/MD
Sample : MDL08
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Quant Time: Nov 07 02:49:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:53:11 2019
Response via : Initial Calibration



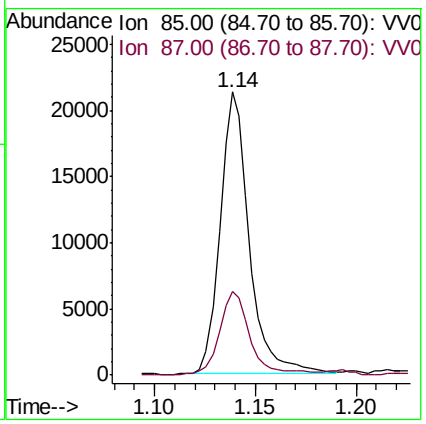


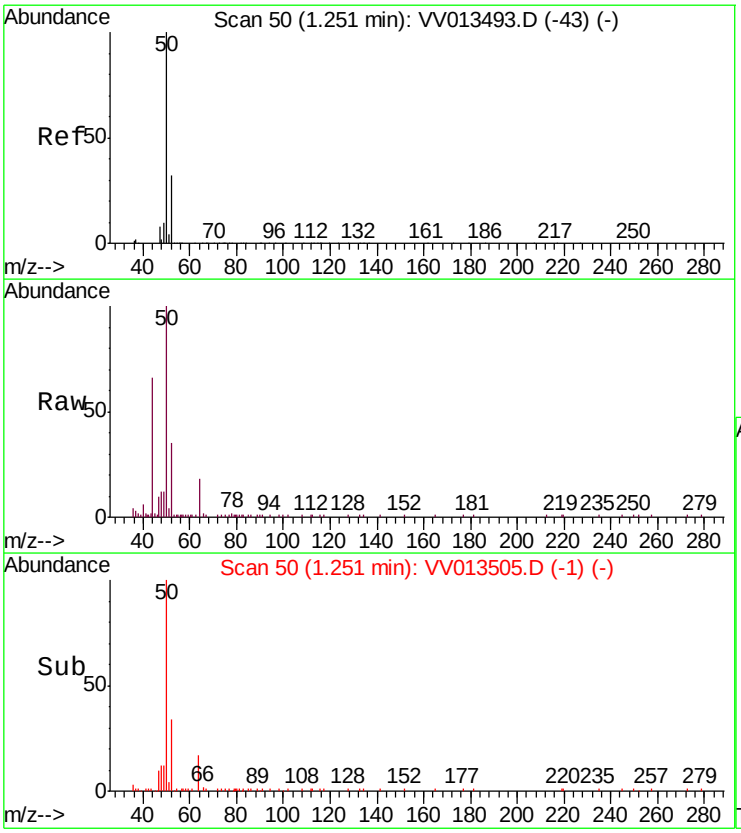
#2
Dichlorodifluoromethane
Concen: 2.887 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 85 Resp: 21281

Ion	Ratio	Lower	Upper
85	100		
87	30.8	25.4	38.0

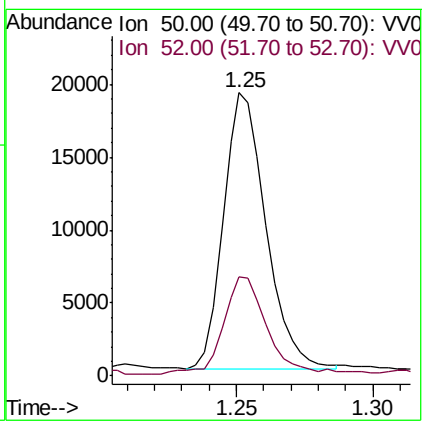


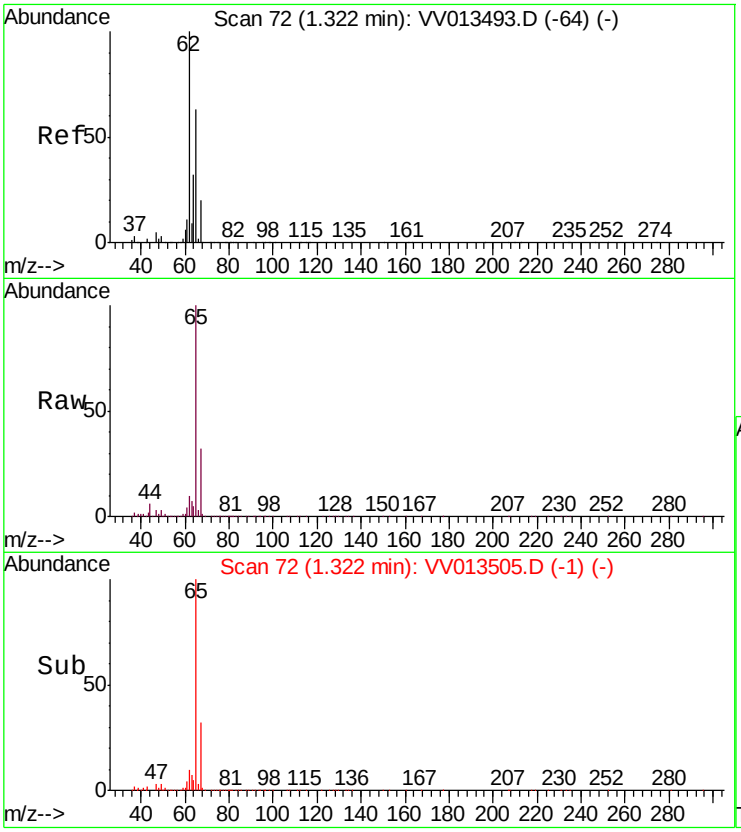


#3
Chloromethane
Concen: 2.940 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 50 Resp: 20584

Ion	Ratio	Lower	Upper
50	100		
52	34.9	22.5	41.9



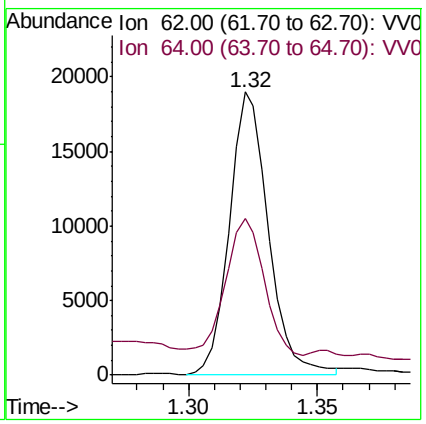


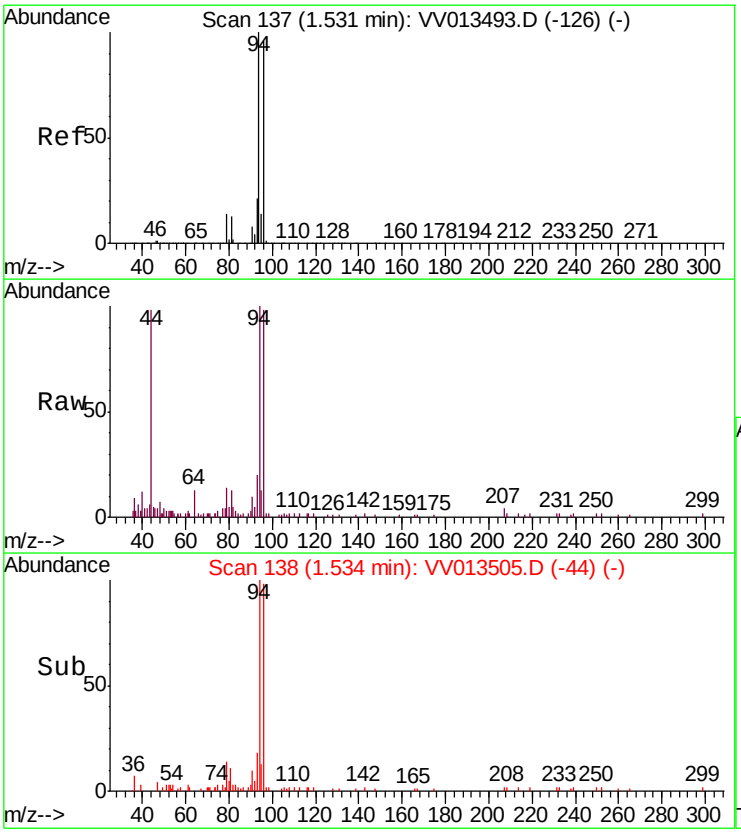
#5
Vinyl chloride
Concen: 3.060 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 62 Resp: 20019

Ion	Ratio	Lower	Upper
62	100		
64	55.5	23.1	42.9#

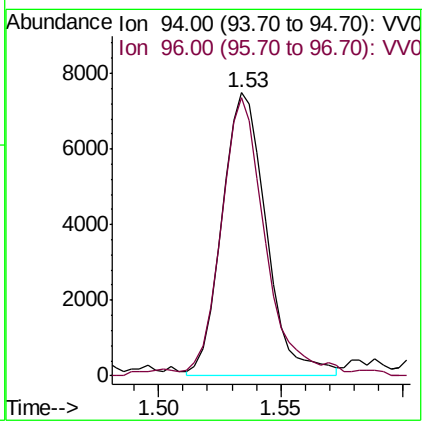


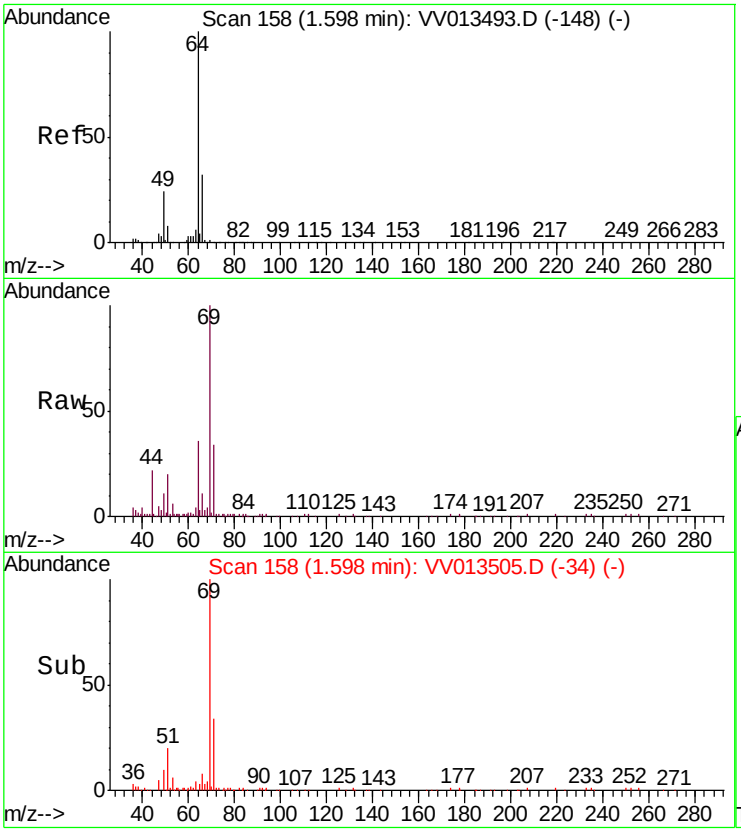


#6
Bromomethane
Concen: 3.023 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 94 Resp: 9490

Ion	Ratio	Lower	Upper
94	100		
96	98.3	67.4	125.2



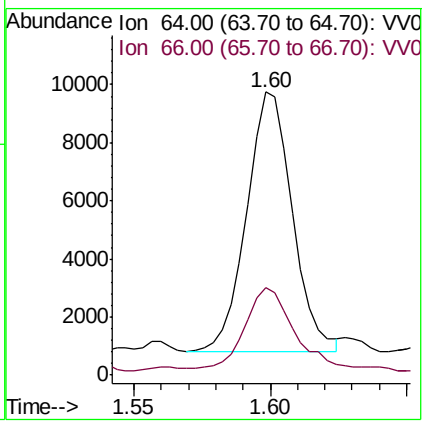


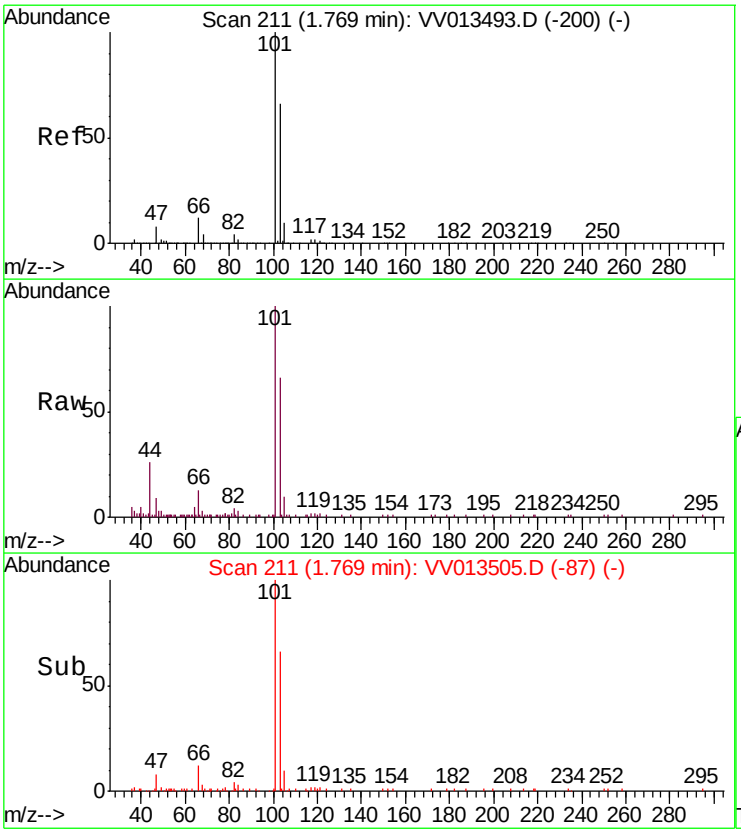
#8
Chloroethane
Concen: 2.842 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 64 Resp: 10419

Ion	Ratio	Lower	Upper
64	100		
66	30.9	22.5	41.9

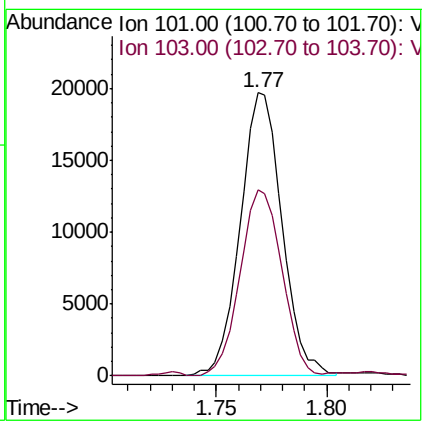


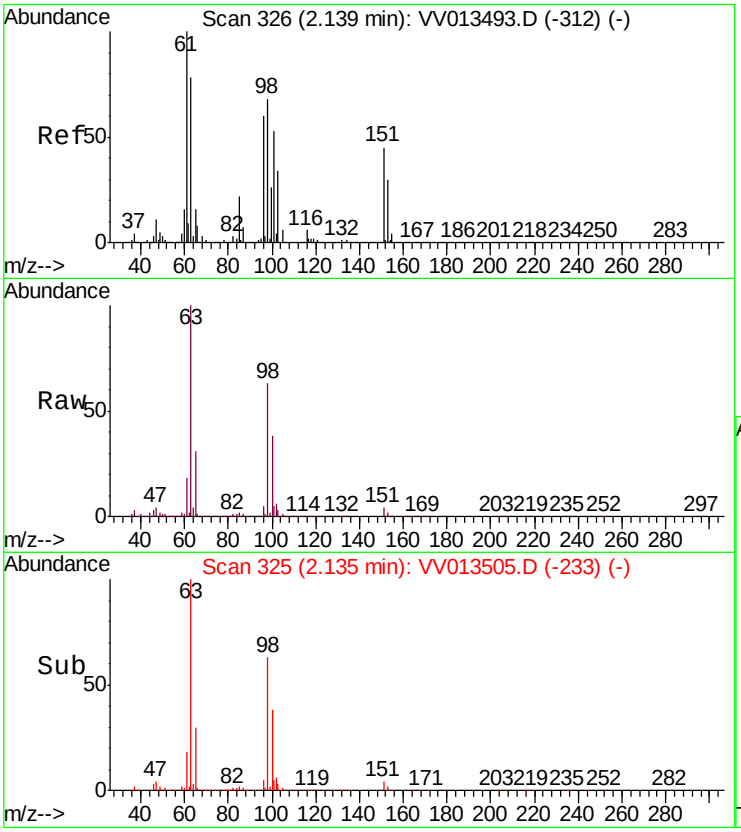


#9
Trichlorofluoromethane
Concen: 2.986 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion:101 Resp: 25935

Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.5	78.7



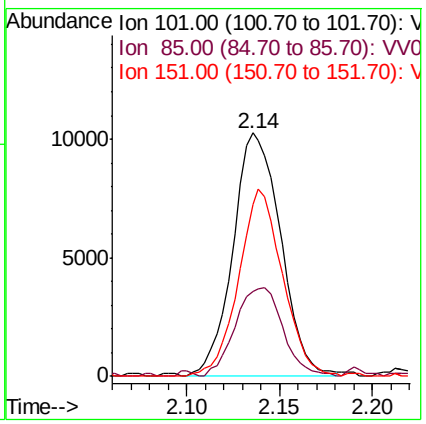


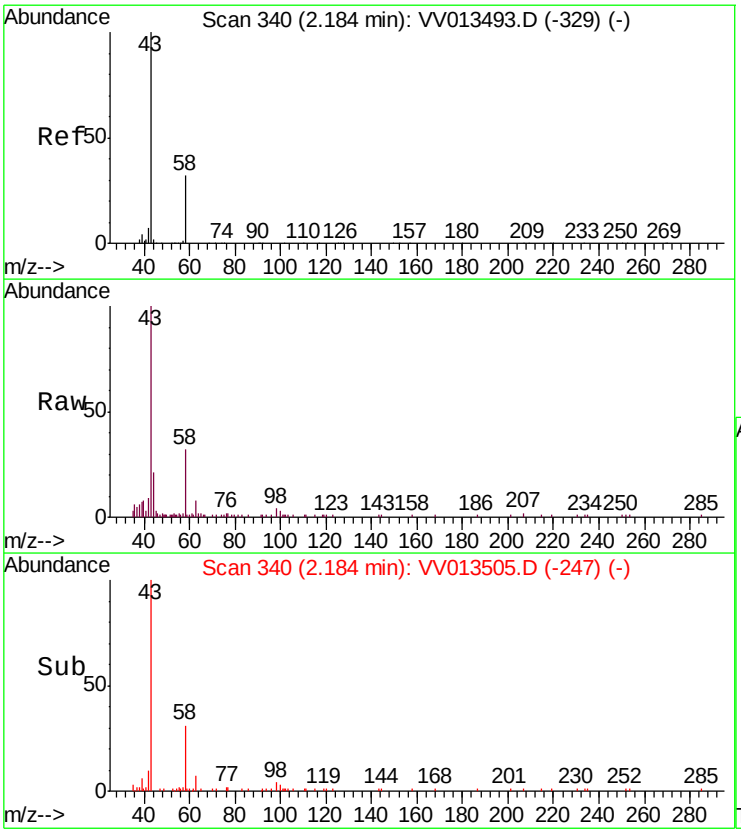
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.761 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion:101 Resp: 18398

Ion	Ratio	Lower	Upper
101	100		
85	36.4	33.3	49.9
151	71.0	69.5	104.3

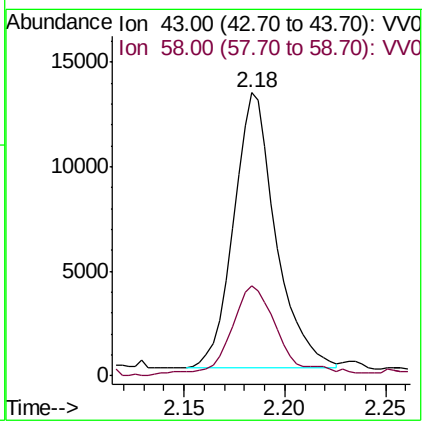


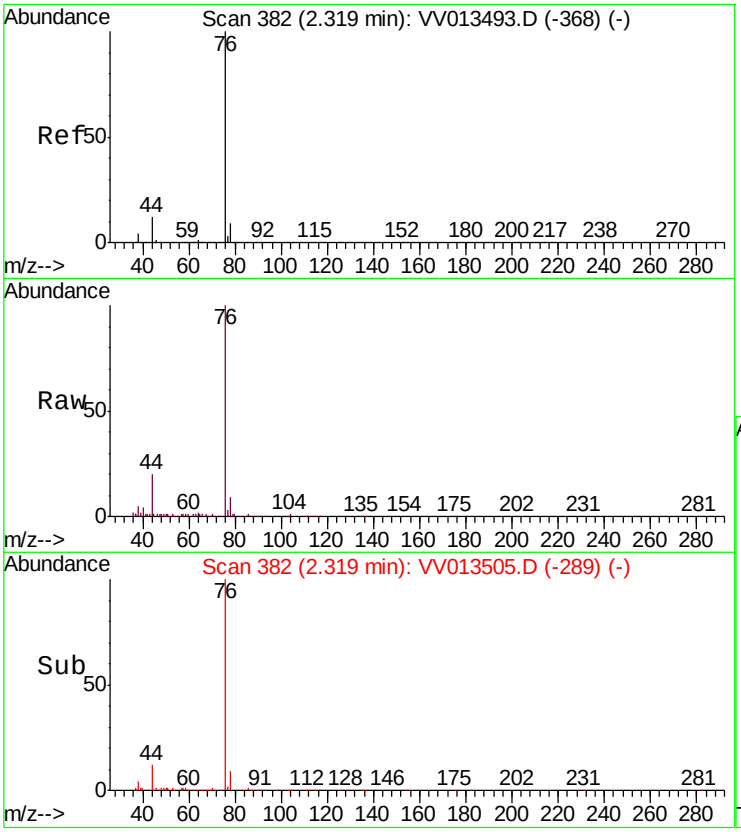


#13
Acetone
Concen: 5.381 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 43 Resp: 19257

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	65.2



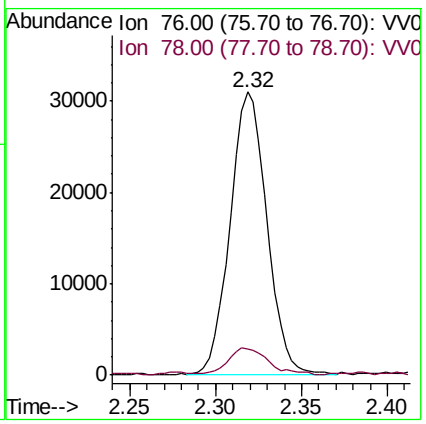


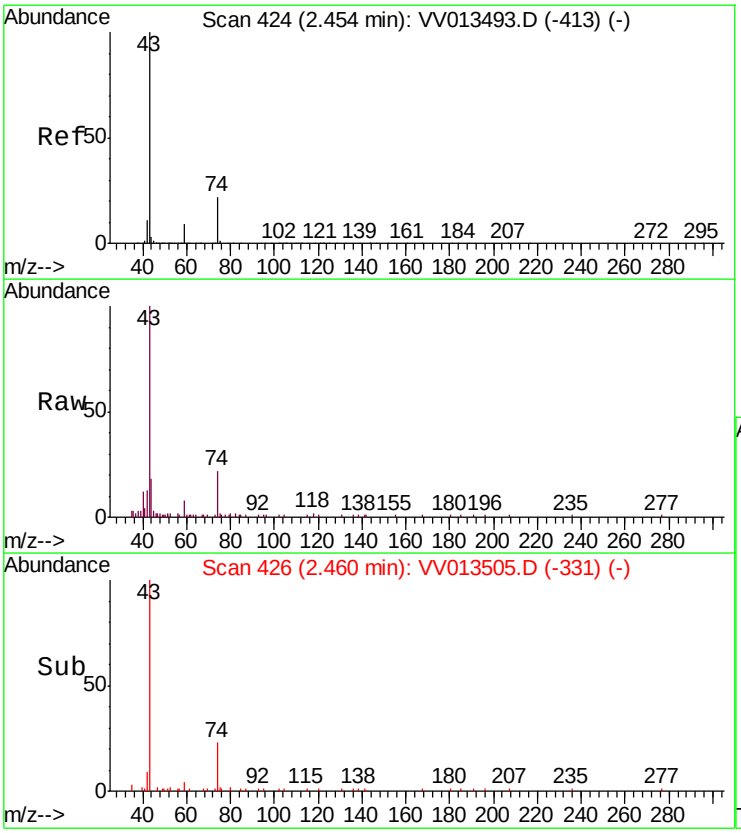
#14
Carbon disulfide
Concen: 2.842 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 76 Resp: 46436

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

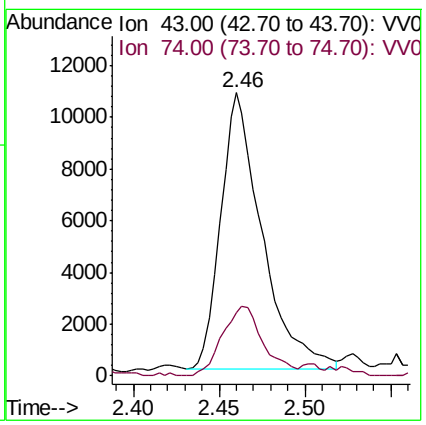


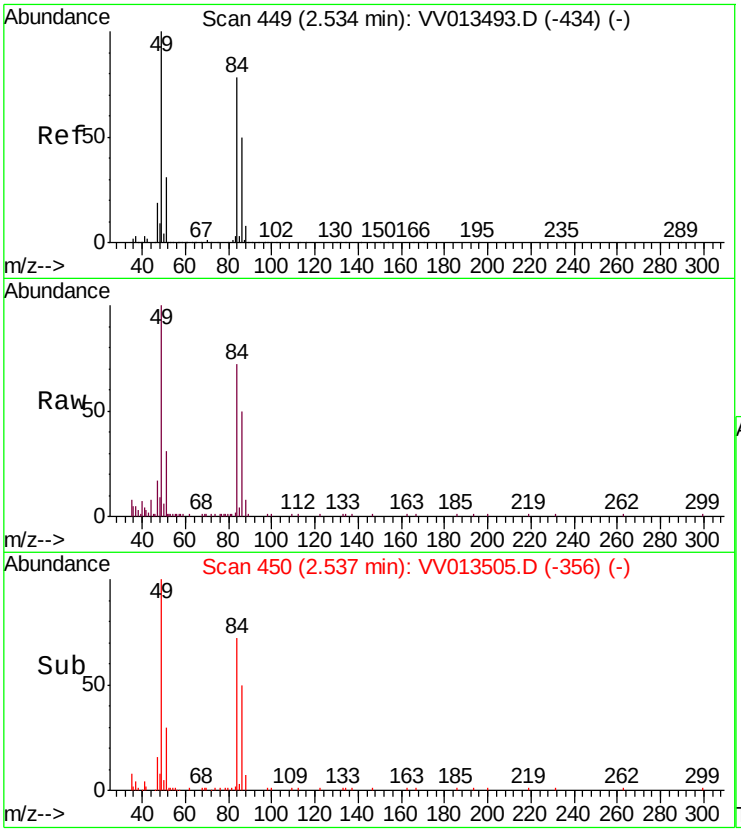


#15
Methyl Acetate
Concen: 2.753 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.01 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 43 Resp: 17976

Ion	Ratio	Lower	Upper
43	100		
74	25.1	17.7	26.5



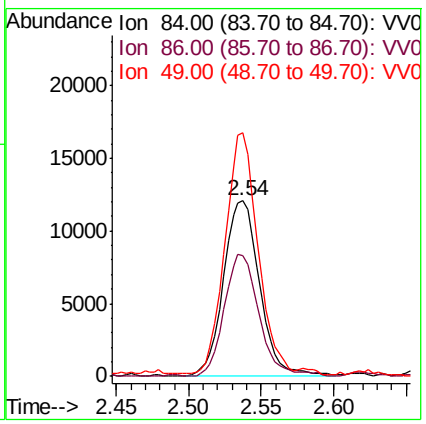


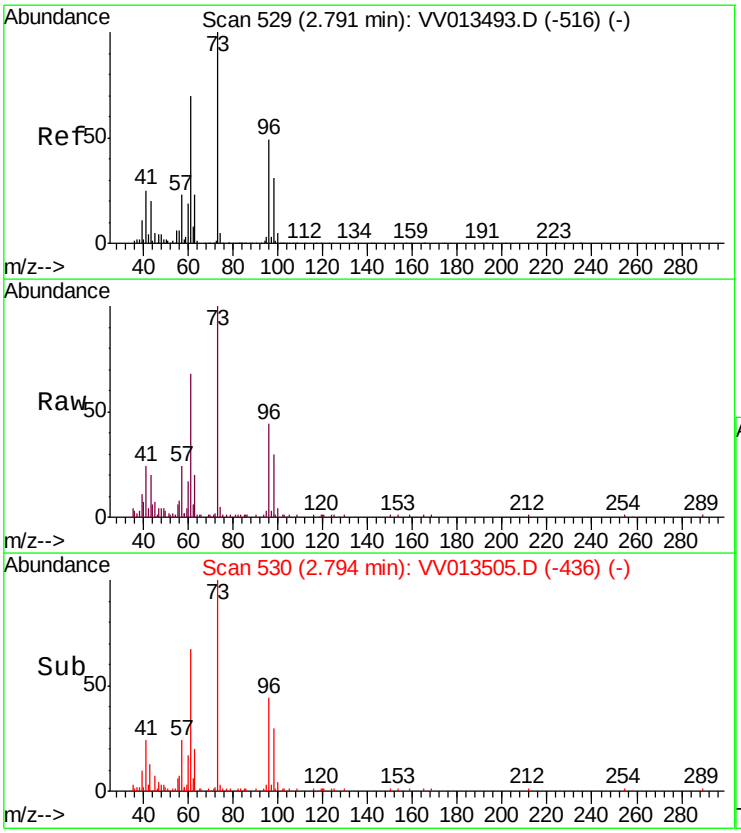
#16
Methylene chloride
Concen: 3.314 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 84 Resp: 20940

Ion	Ratio	Lower	Upper
84	100		
86	69.1	44.7	83.1
49	138.9	89.2	165.8

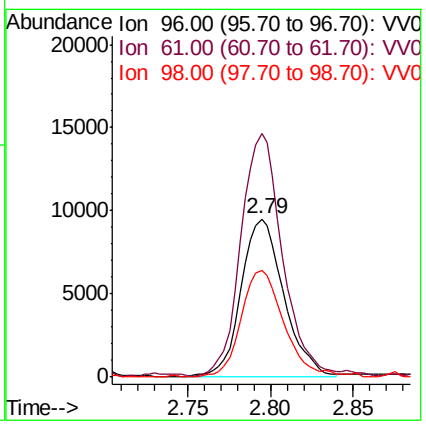


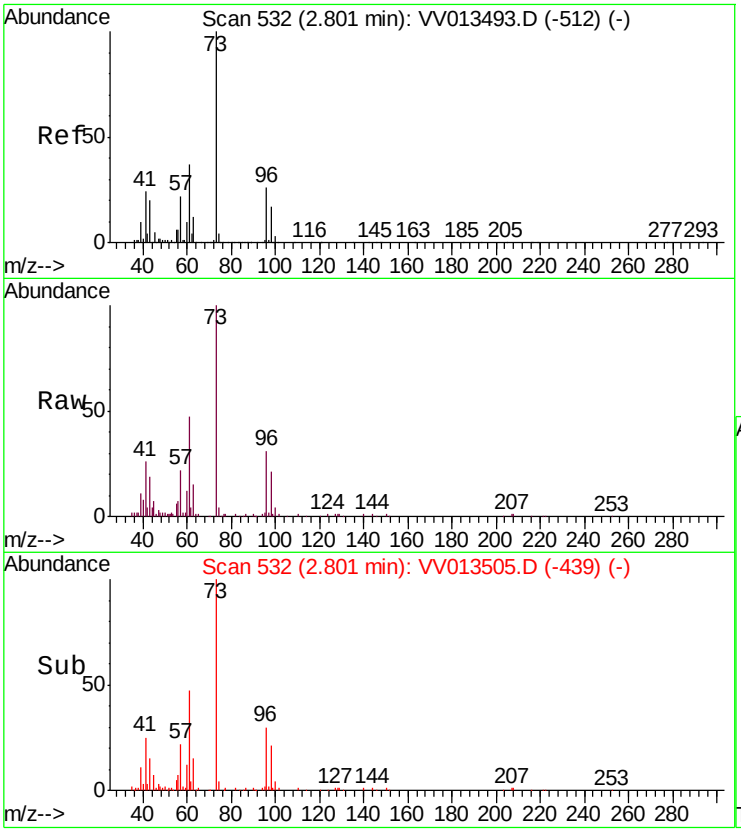


#17
trans-1,2-Dichloroethene
Concen: 2.954 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 96 Resp: 17171

Ion	Ratio	Lower	Upper
96	100		
61	154.1	100.4	186.6
98	67.4	44.7	83.1



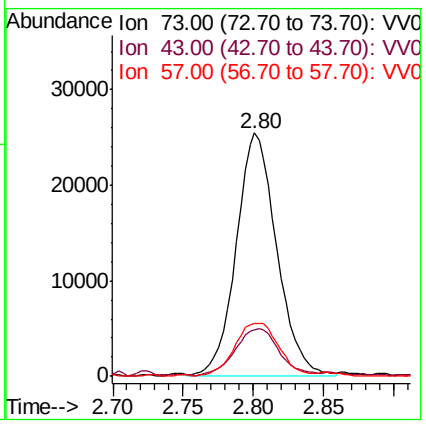


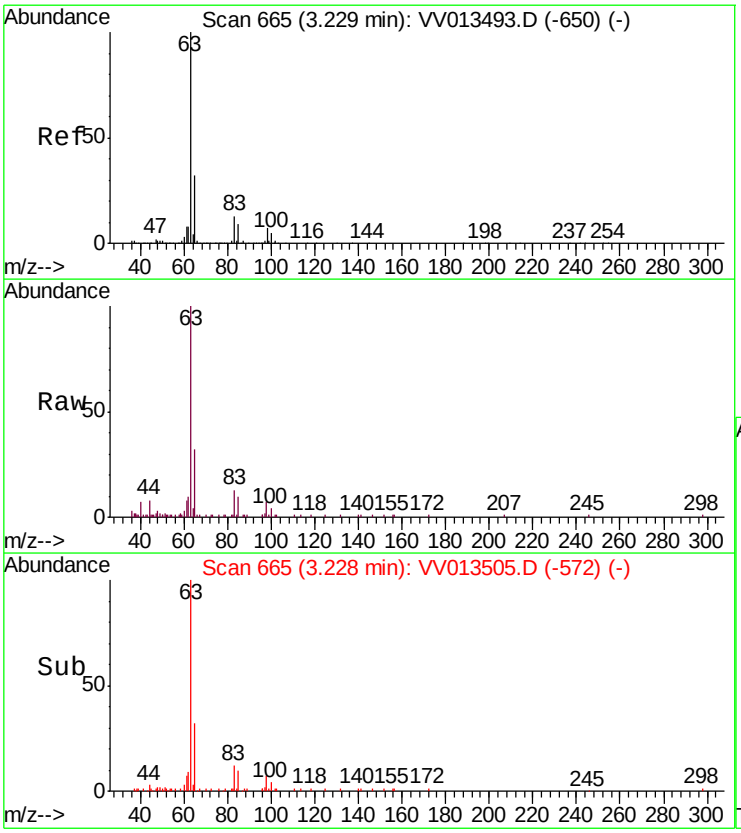
#18
Methyl tert-butyl Ether
Concen: 2.869 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion: 73 Resp: 50857

Ion	Ratio	Lower	Upper
73	100		
43	21.8	15.7	23.5
57	23.3	18.1	27.1

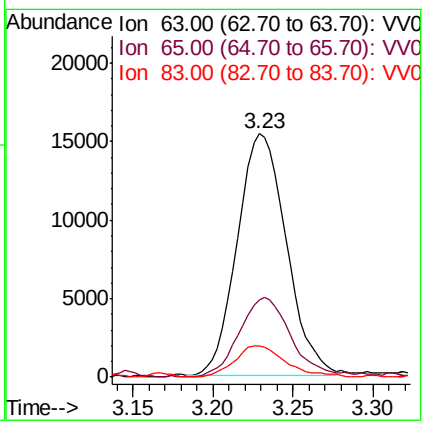


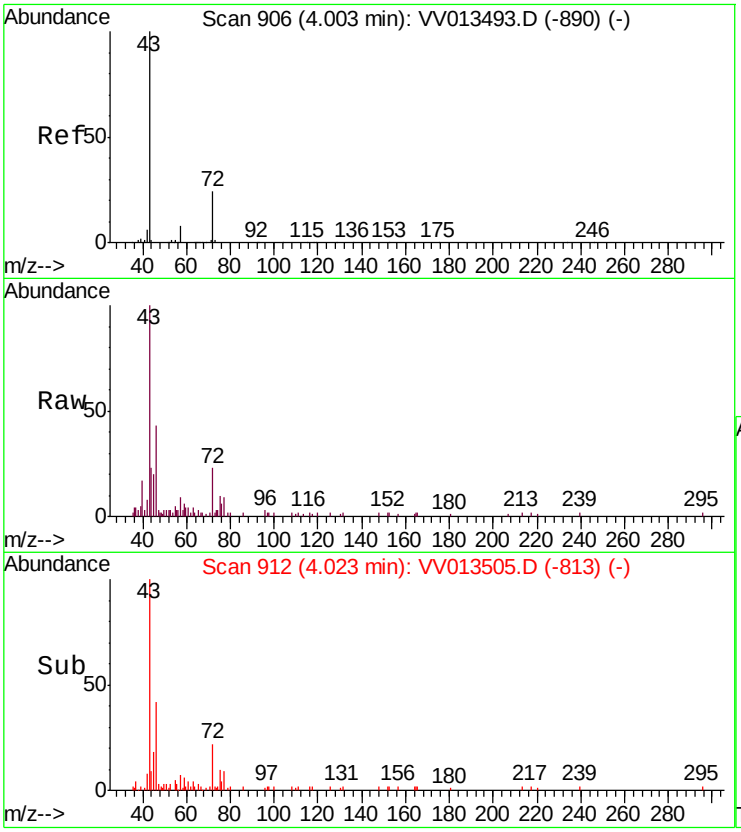


#19
1,1-Dichloroethane
Concen: 2.919 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 63 Resp: 32364

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.2	41.2
83	12.9	8.9	16.5



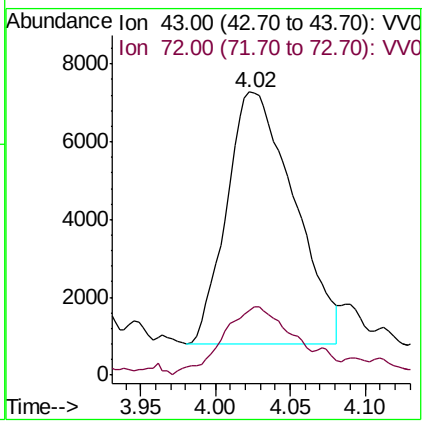


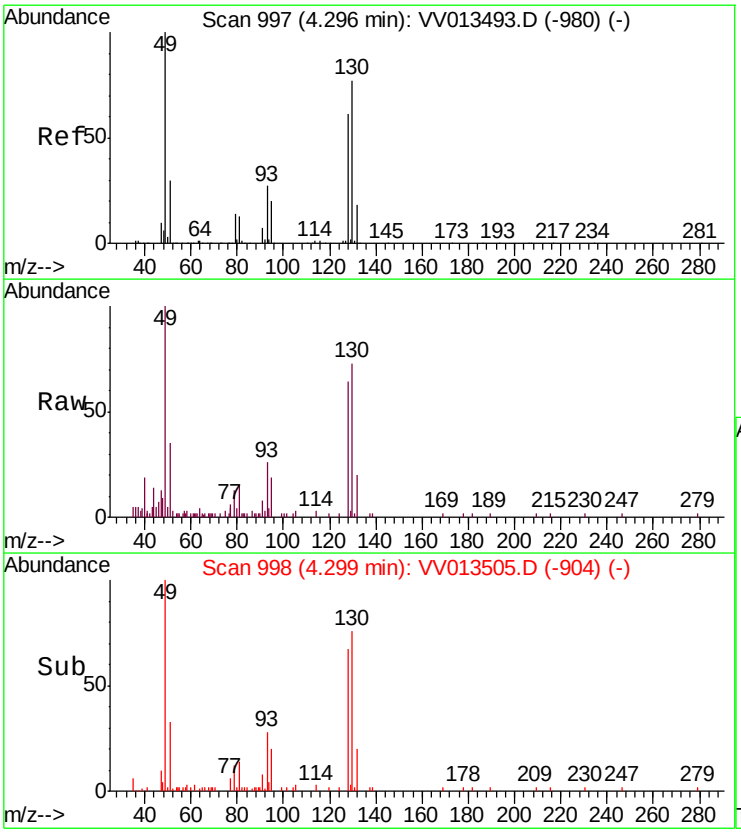
#22
2-Butanone
Concen: 4.285 ug/L
RT: 4.02 min Scan# 912
Delta R.T. 0.02 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion: 43 Resp: 20312

Ion	Ratio	Lower	Upper
43	100		
72	27.2	12.3	36.9

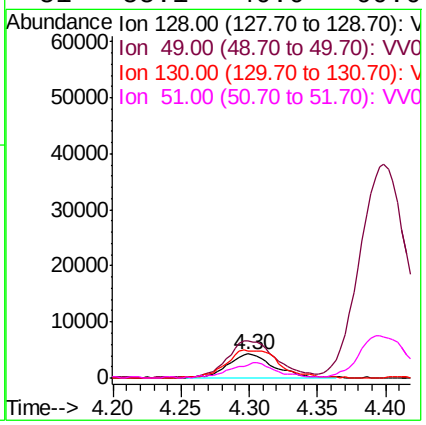


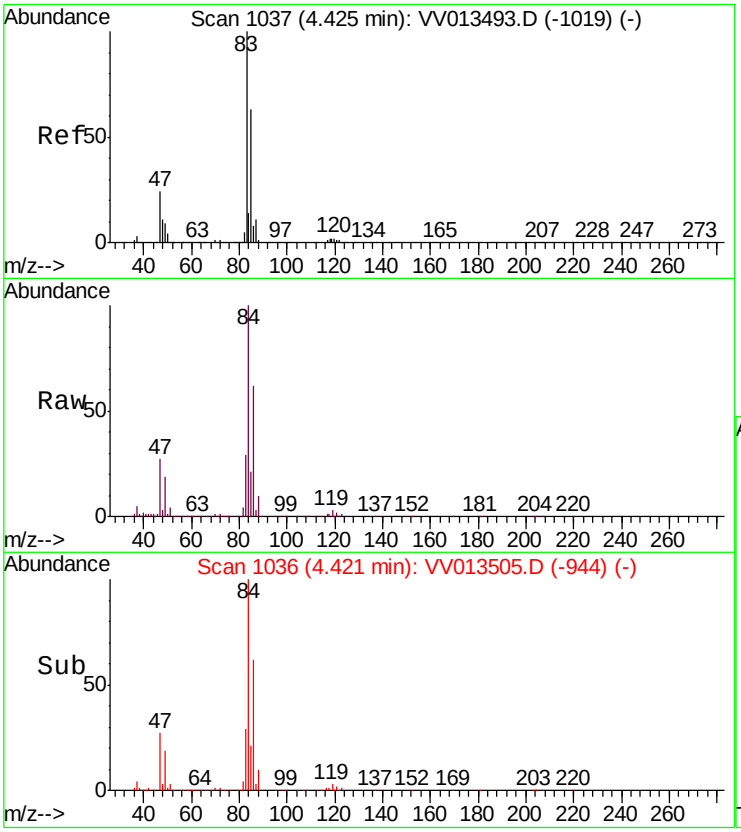


#23
Bromochloromethane
Concen: 2.995 ug/L
RT: 4.30 min Scan# 998
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion:128 Resp: 10047

Ion	Ratio	Lower	Upper
128	100		
49	156.7	115.8	215.2
130	114.3	89.1	165.5
51	55.1	40.0	60.0



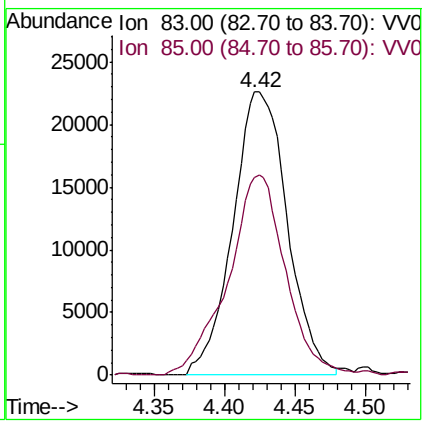


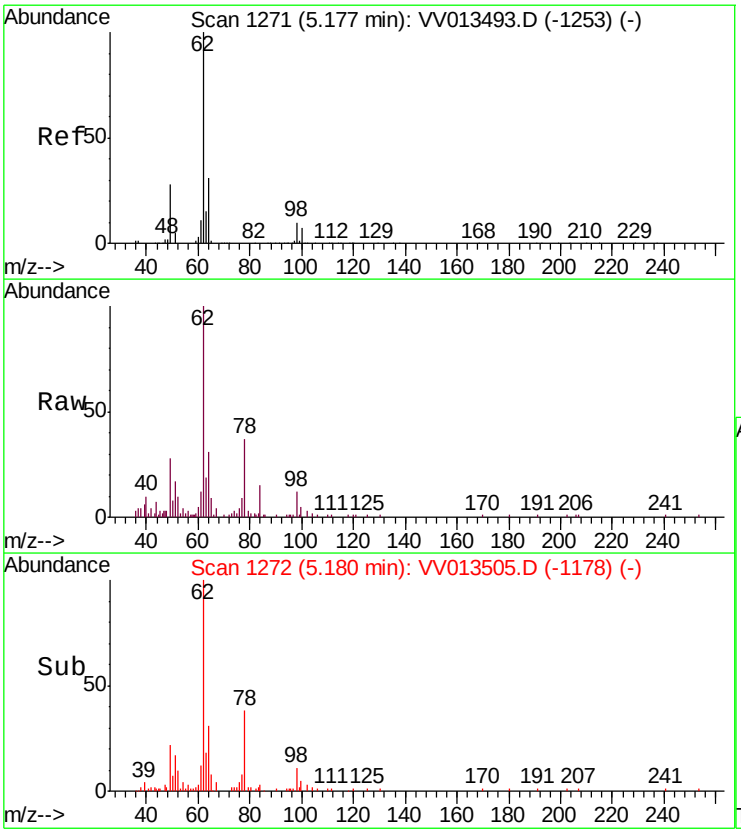
#25
Chloroform
Concen: 5.355 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 83 Resp: 61082

Ion	Ratio	Lower	Upper
83	100		
85	69.9	44.4	82.5

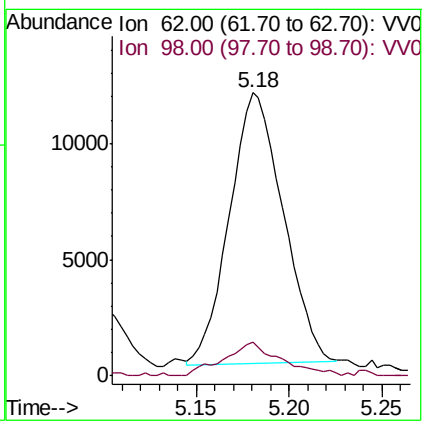


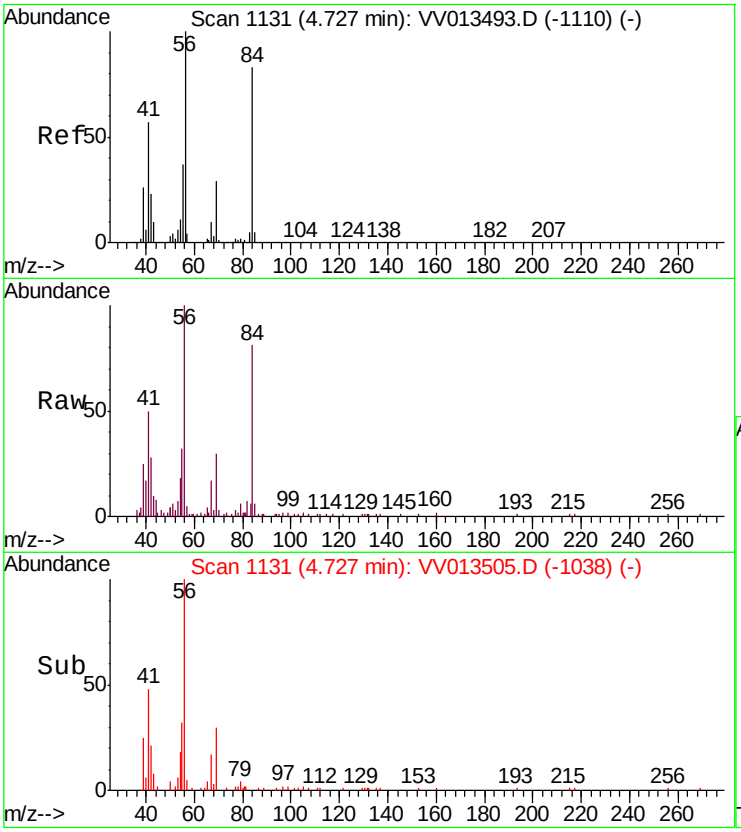


#27
1,2-Dichloroethane
Concen: 2.666 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 62 Resp: 23304

Ion	Ratio	Lower	Upper
62	100		
98	11.8	8.2	12.4



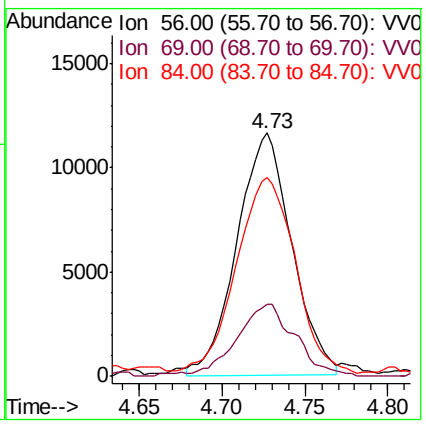


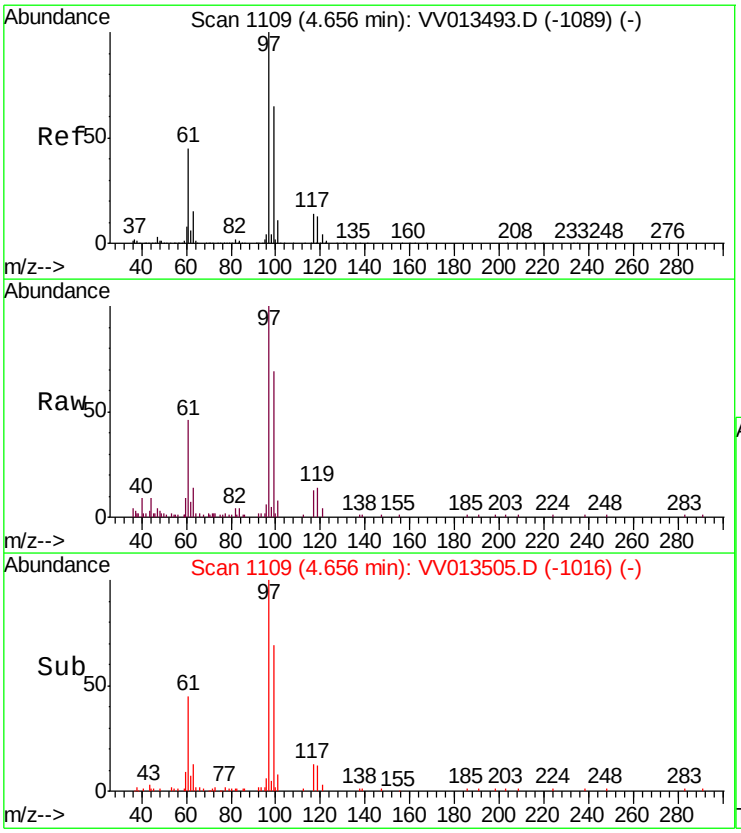
#29
Cyclohexane
Concen: 2.727 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 56 Resp: 26651

Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.7	35.5
84	86.3	66.3	99.5

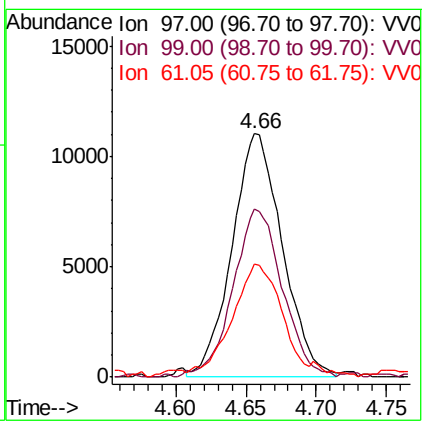


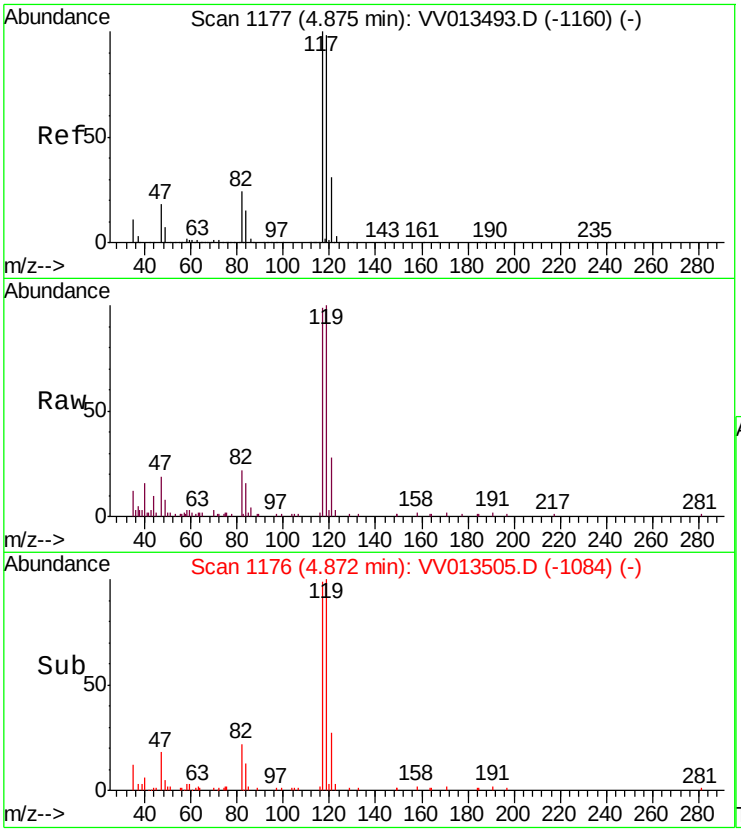


#30
1,1,1-Trichloroethane
Concen: 2.906 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 97 Resp: 27520

Ion	Ratio	Lower	Upper
97	100		
99	67.1	52.0	78.0
61	44.7	35.8	53.8



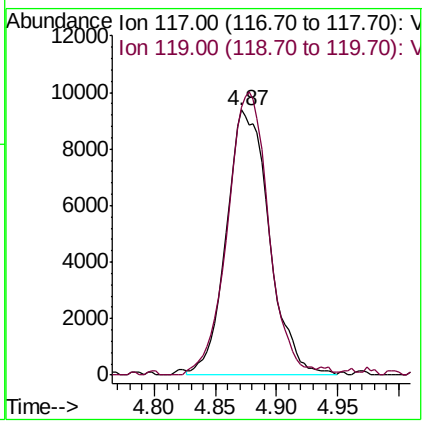


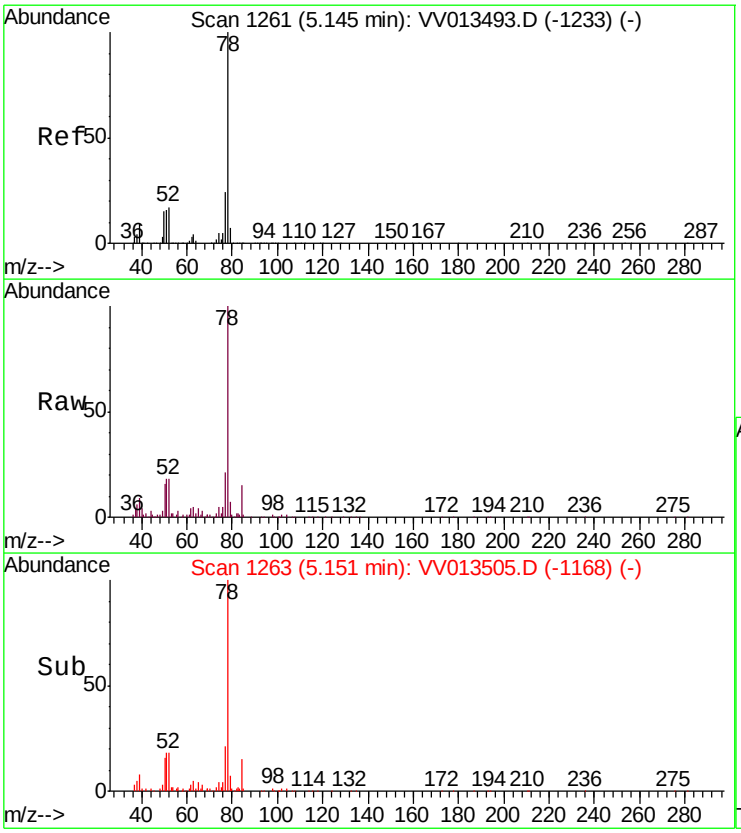
#31
Carbon tetrachloride
Concen: 2.714 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion:117 Resp: 22919

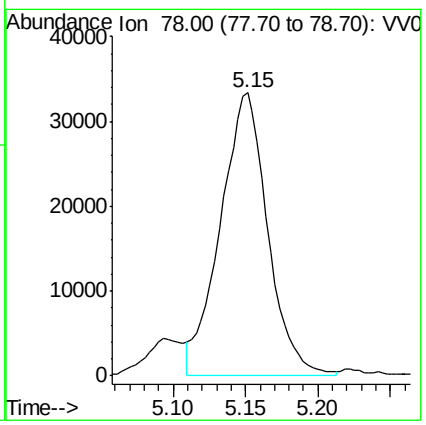
Ion	Ratio	Lower	Upper
117	100		
119	101.5	77.6	116.4

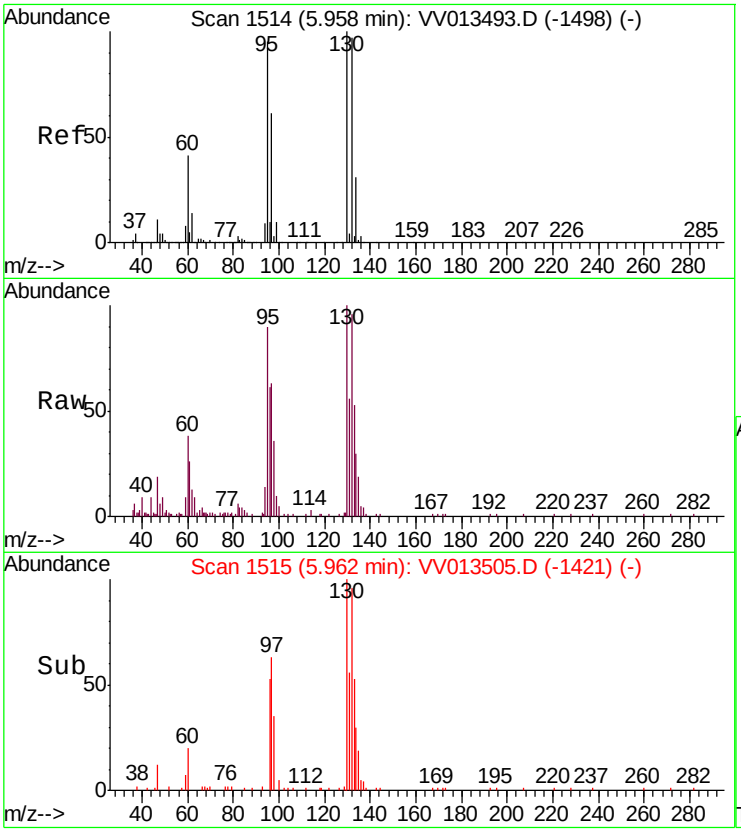




#33
Benzene
Concen: 3.112 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 78 Resp: 75168



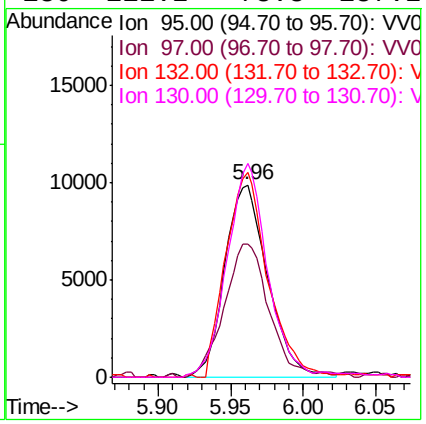


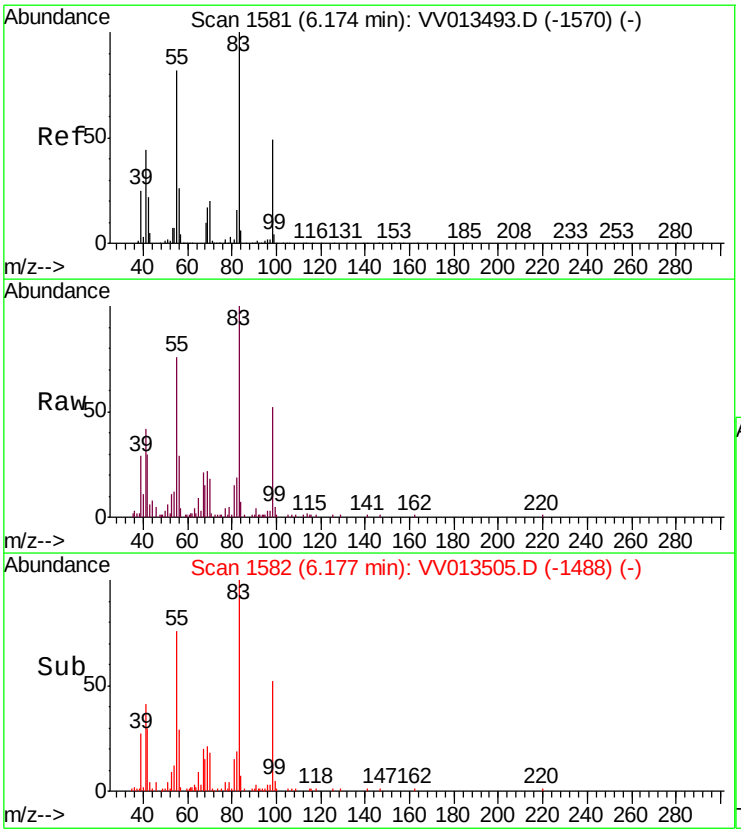
#34
Trichloroethene
Concen: 3.175 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion: 95 Resp: 20382

Ion	Ratio	Lower	Upper
95	100		
97	69.6	45.1	83.7
132	106.4	71.7	133.1
130	111.2	73.8	137.2

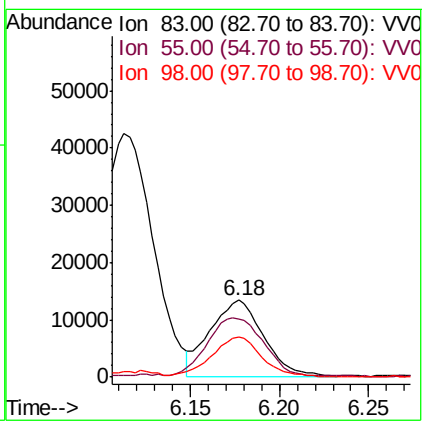


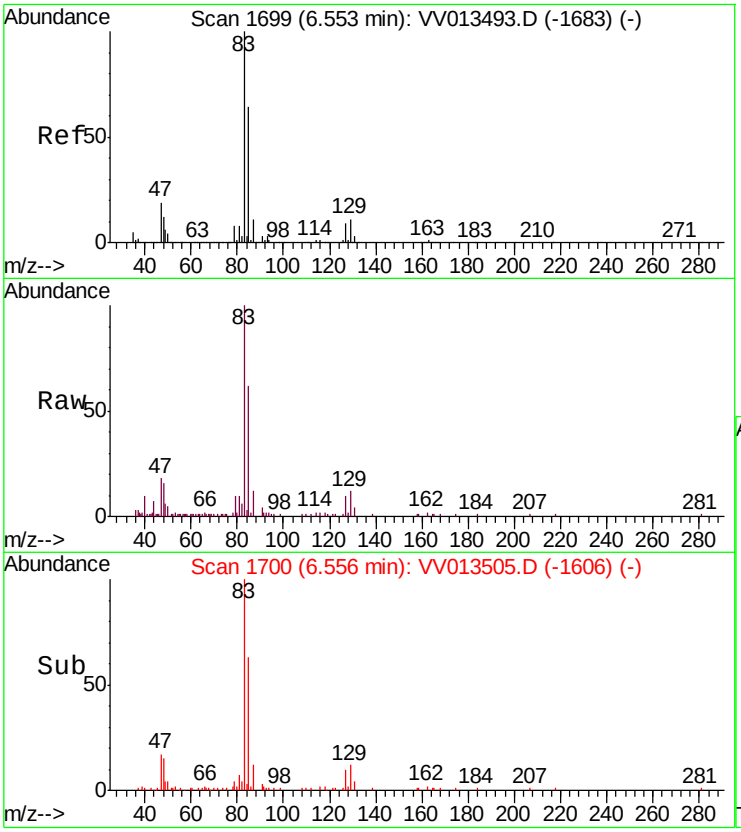


#35
Methylcyclohexane
Concen: 2.773 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 83 Resp: 27444

Ion	Ratio	Lower	Upper
83	100		
55	82.5	63.4	95.0
98	50.6	38.6	58.0



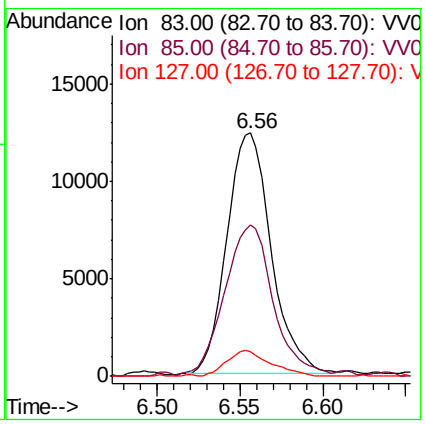


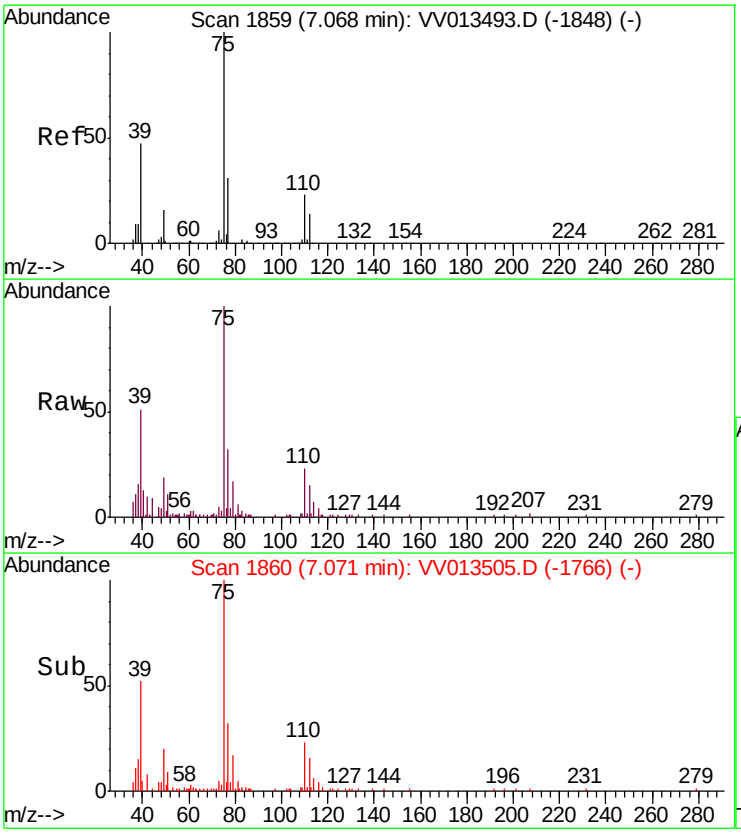
#38
Bromodichloromethane
Concen: 2.751 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 83 Resp: 23007

Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.8	83.2
127	10.1	7.1	10.7

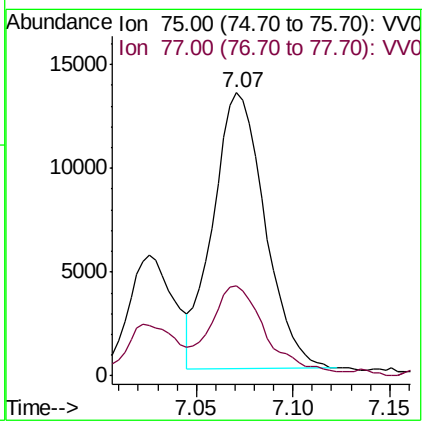


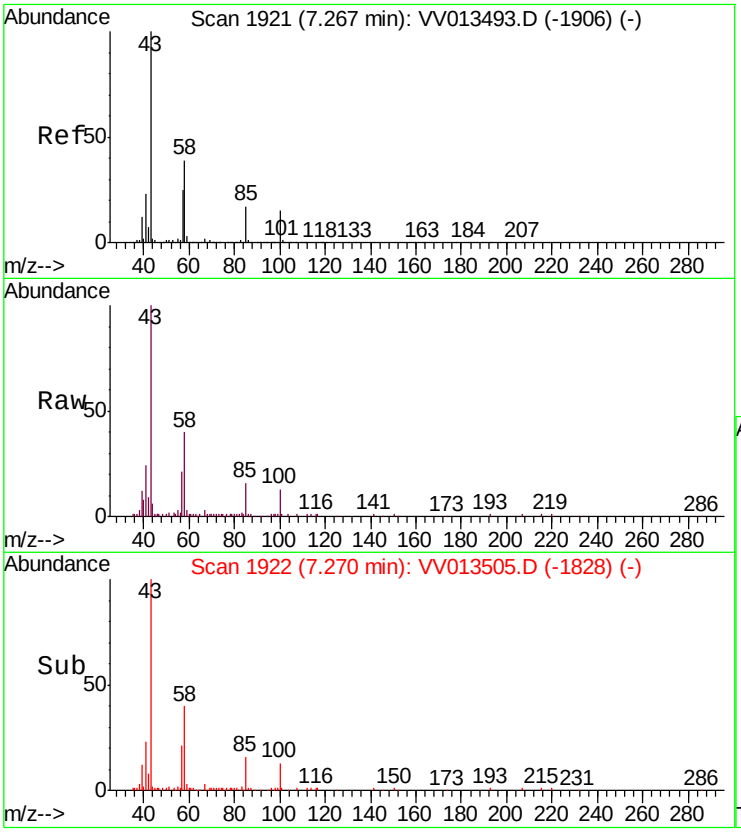


#39
cis-1,3-Dichloropropene
Concen: 2.576 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 75 Resp: 24883

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.0	40.8



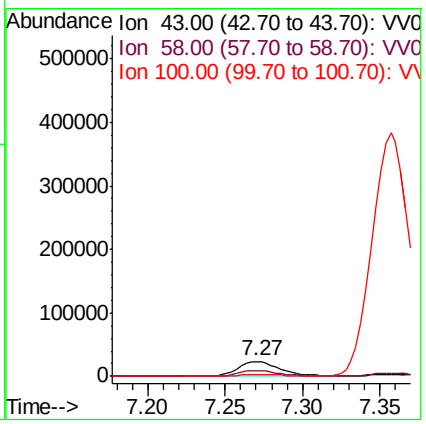


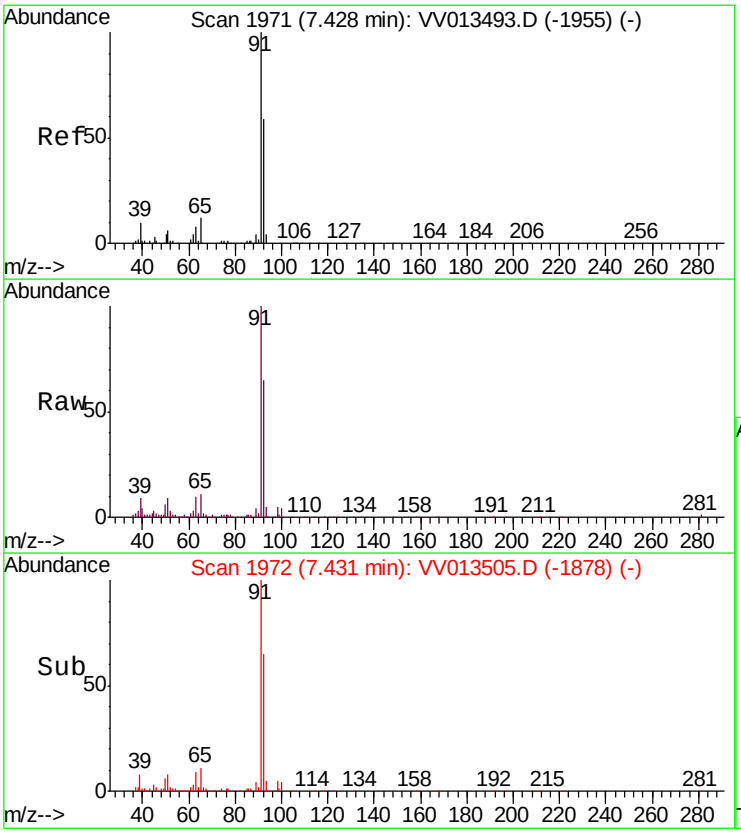
#40
4-Methyl-2-pentanone
Concen: 5.267 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion: 43 Resp: 43172

Ion	Ratio	Lower	Upper
43	100		
58	35.9	31.0	46.4
100	15.1	12.2	18.2

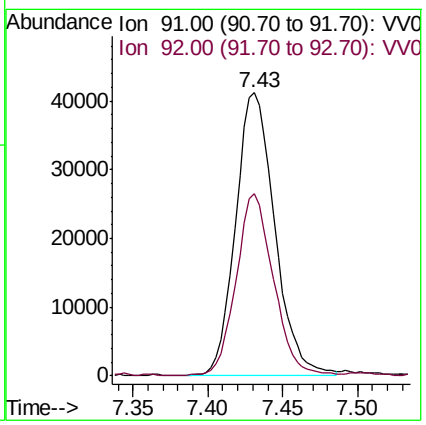


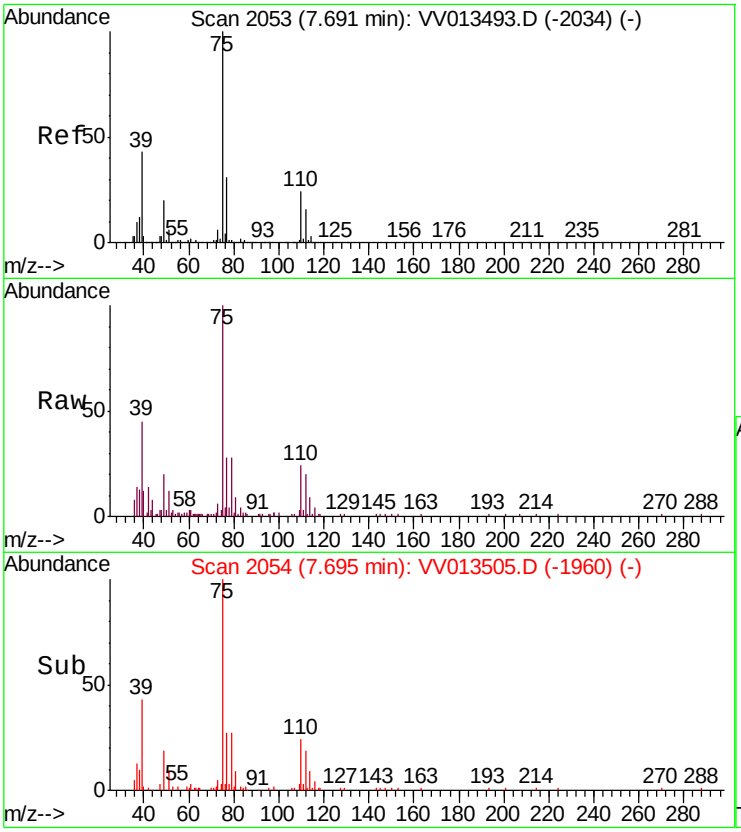


#42
Toluene
Concen: 2.993 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 91 Resp: 75343

Ion	Ratio	Lower	Upper
91	100		
92	64.6	41.3	76.7



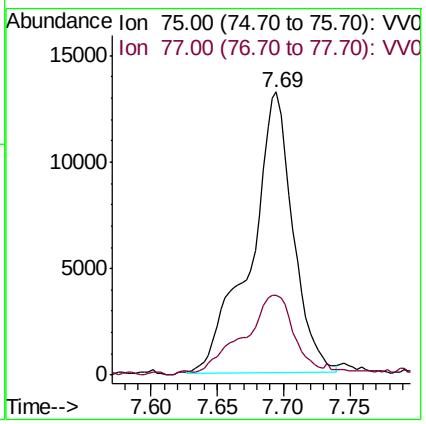


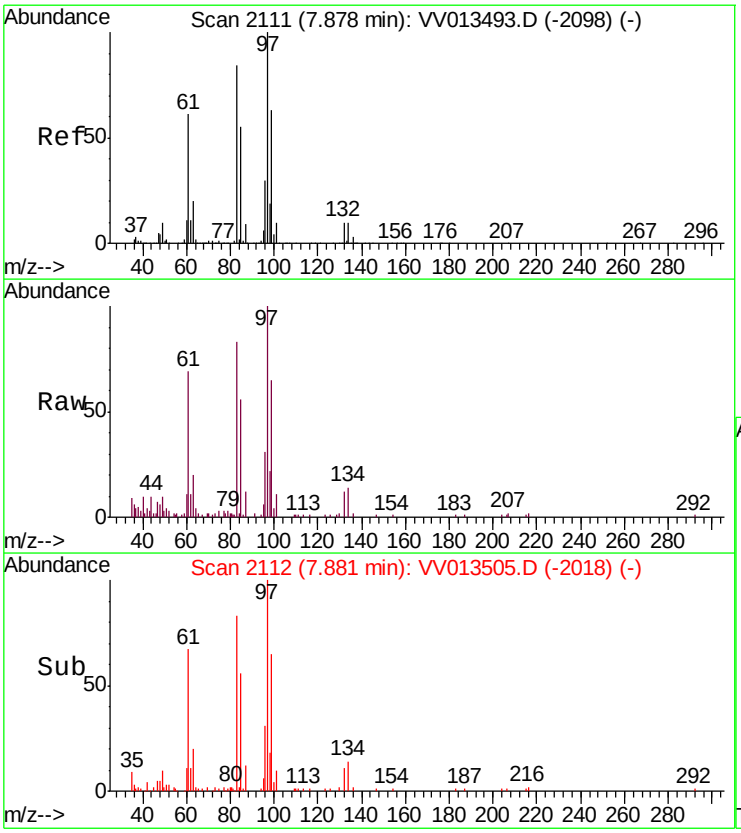
#44
trans-1,3-Dichloropropene
Concen: 3.503 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion: 75 Resp: 29444

Ion	Ratio	Lower	Upper
75	100		
77	28.3	22.0	41.0

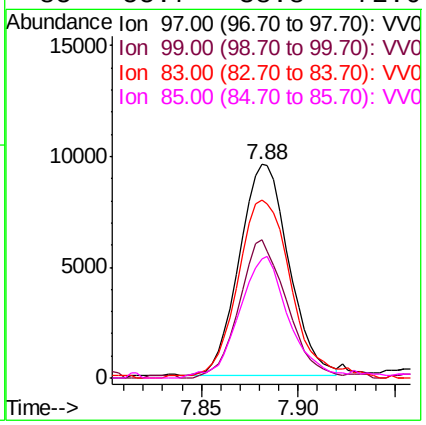


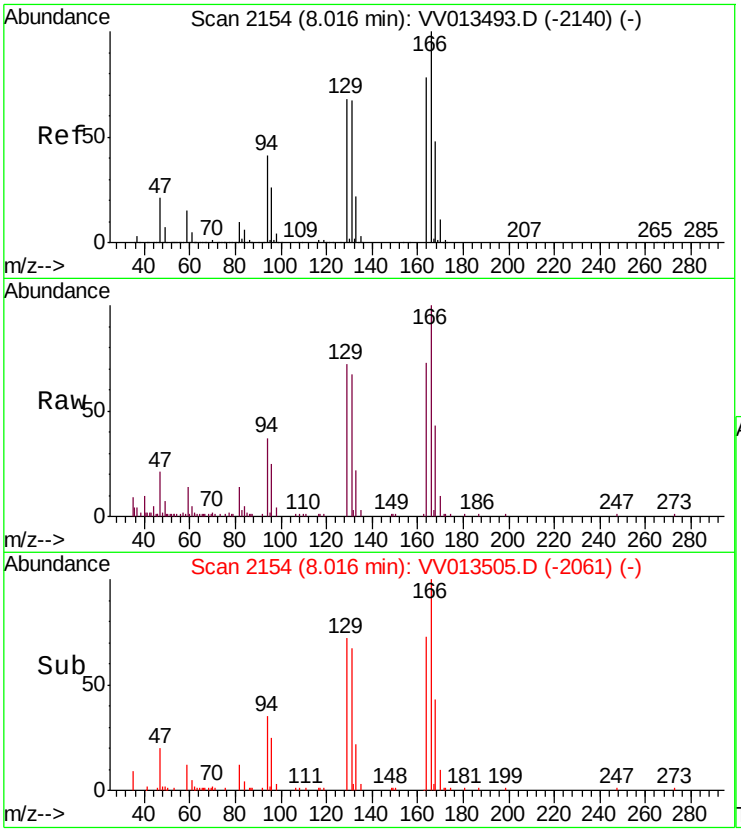


#45
1,1,2-Trichloroethane
Concen: 2.845 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 97 Resp: 16940

Ion	Ratio	Lower	Upper
97	100		
99	64.6	43.8	81.4
83	83.4	59.1	109.9
85	55.7	38.8	72.0



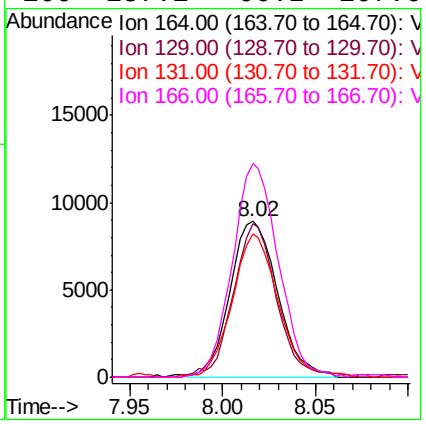


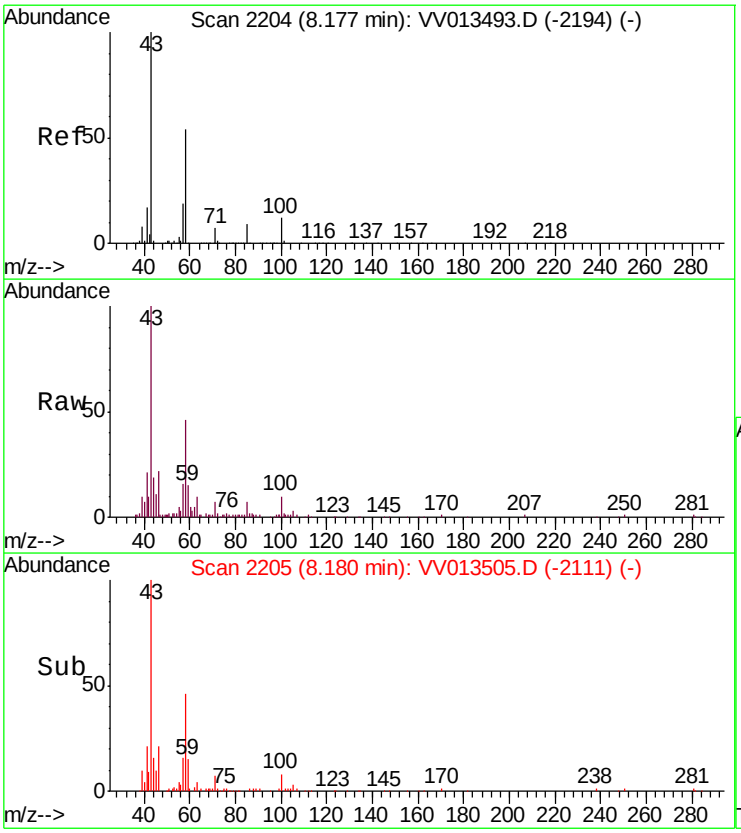
#46
Tetrachloroethene
Concen: 2.914 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion:164 Resp: 15968

Ion	Ratio	Lower	Upper
164	100		
129	98.4	61.5	114.3
131	91.6	60.6	112.6
166	137.1	90.2	167.6

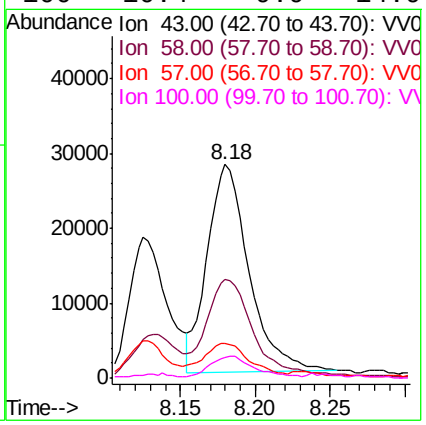


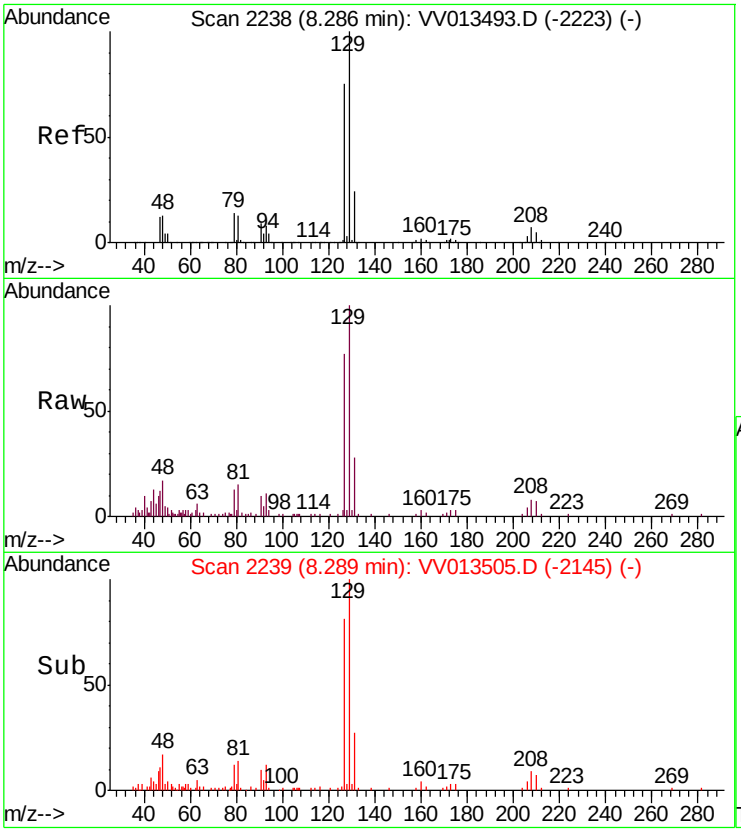


#48
2-Hexanone
Concen: 8.312 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 43 Resp: 53808

Ion	Ratio	Lower	Upper
43	100		
58	47.3	43.4	65.0
57	14.6	15.2	22.8#
100	10.4	9.9	14.9



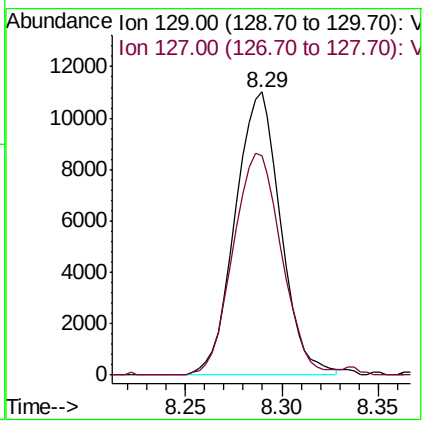


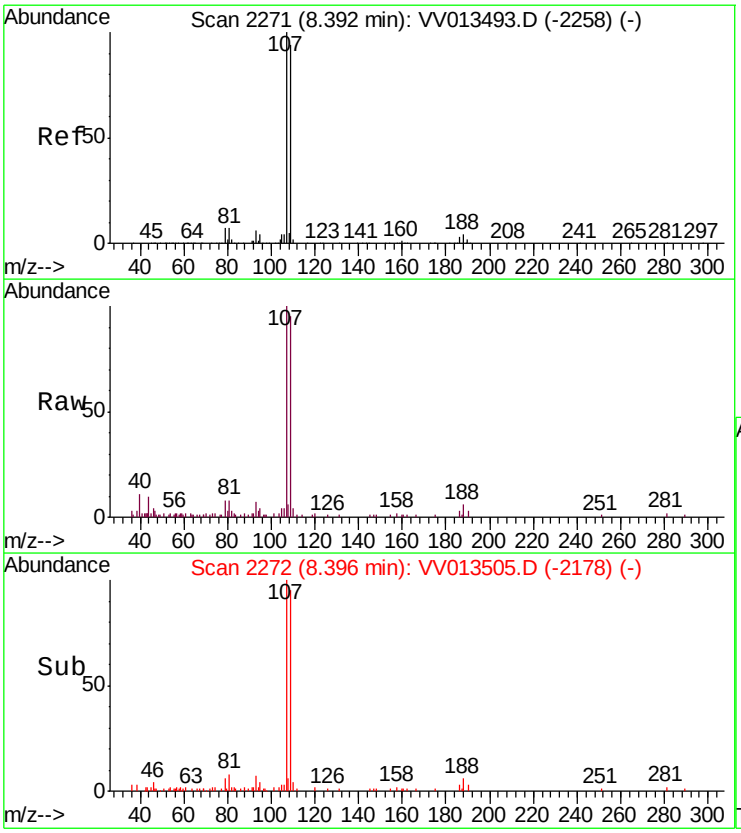
#49
Dibromochloromethane
Concen: 2.643 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion:129 Resp: 18095

Ion	Ratio	Lower	Upper
129	100		
127	77.4	52.5	97.5

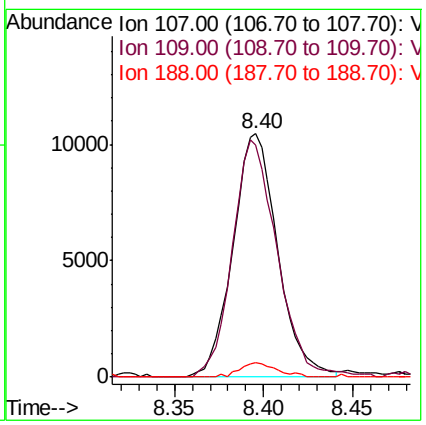


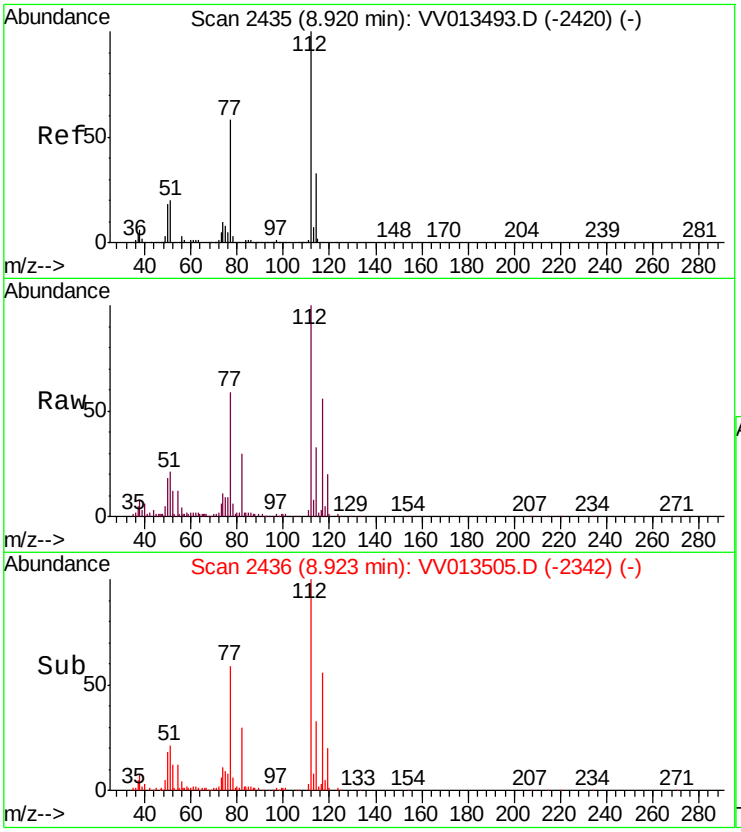


#50
1,2-Dibromoethane
Concen: 2.925 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion:107 Resp: 18277

Ion	Ratio	Lower	Upper
107	100		
109	95.3	65.7	122.1
188	5.7	3.5	5.3#



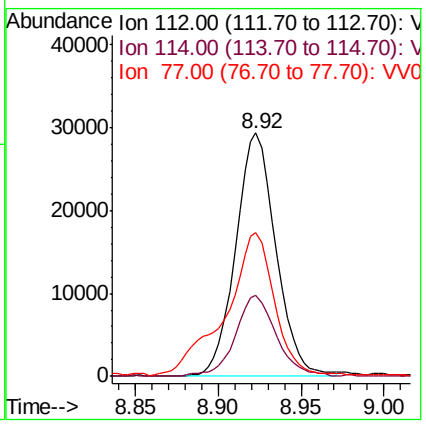


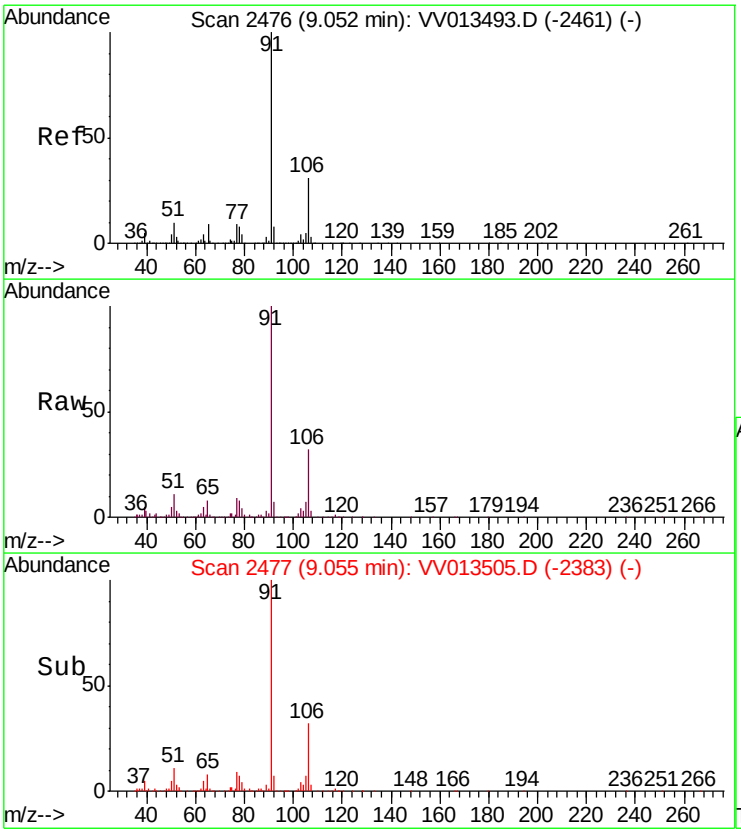
#51
Chlorobenzene
Concen: 2.954 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion:112 Resp: 49428

Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.8	42.4
77	59.2	46.7	70.1

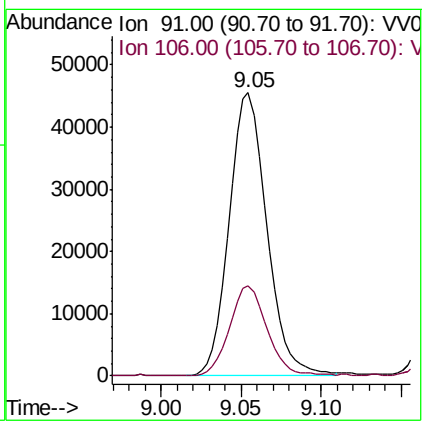


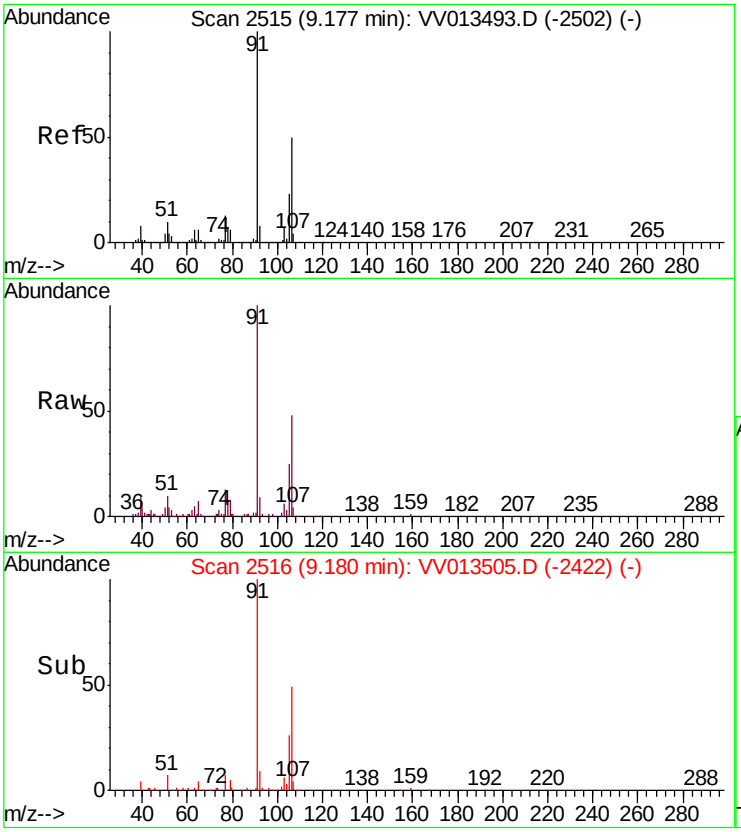


#52
Ethylbenzene
Concen: 2.648 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 91 Resp: 72338

Ion	Ratio	Lower	Upper
91	100		
106	31.8	22.0	40.8



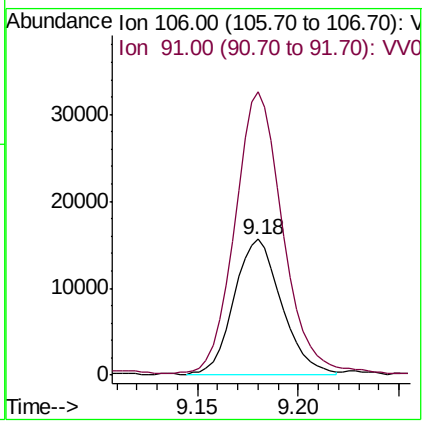


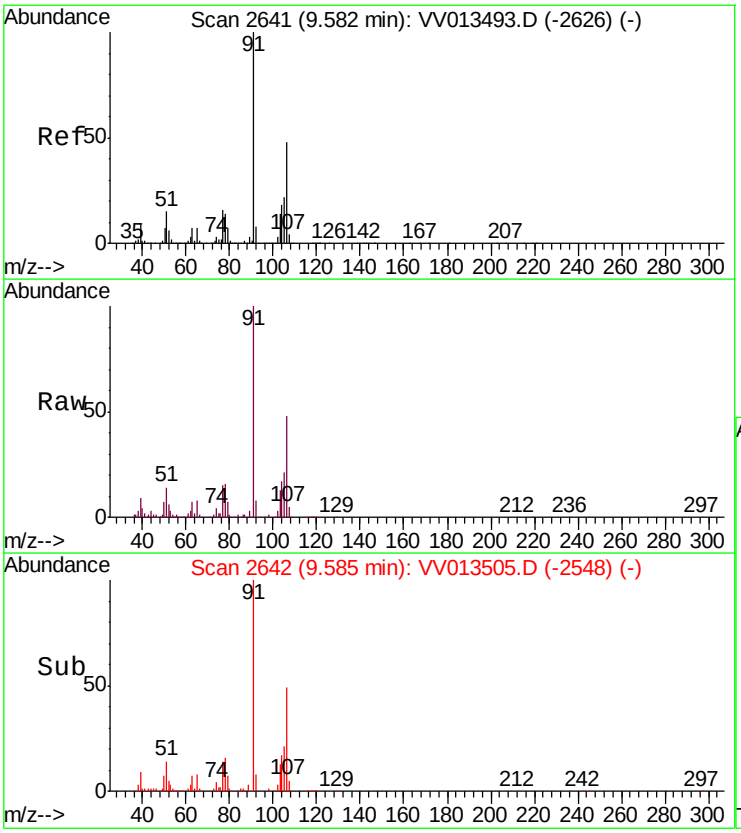
#53
m,p-Xylene
Concen: 2.479 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion:106 Resp: 25699

Ion	Ratio	Lower	Upper
106	100		
91	208.2	141.6	263.0

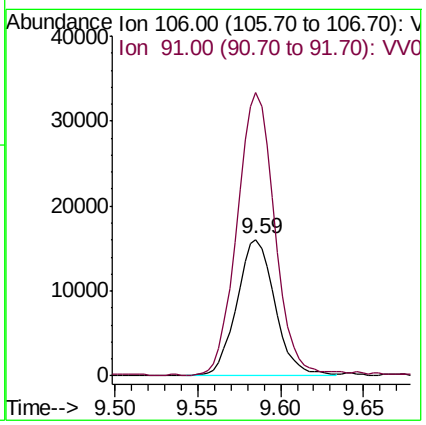


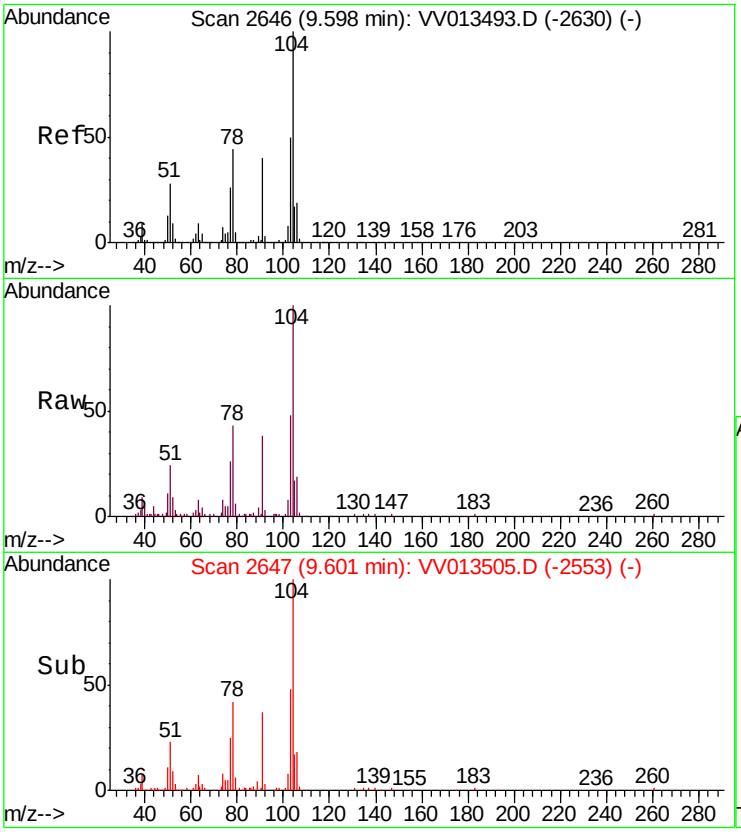


#54
o-xylene
Concen: 2.596 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion:106 Resp: 25811

Ion	Ratio	Lower	Upper
106	100		
91	207.0	147.2	273.4



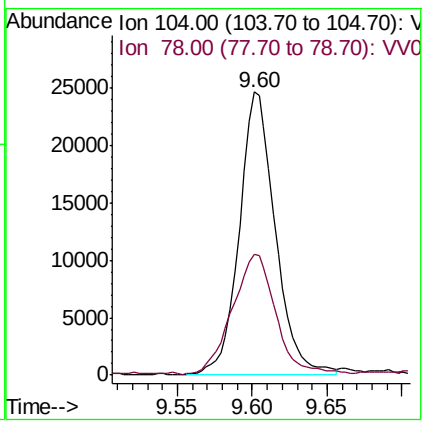


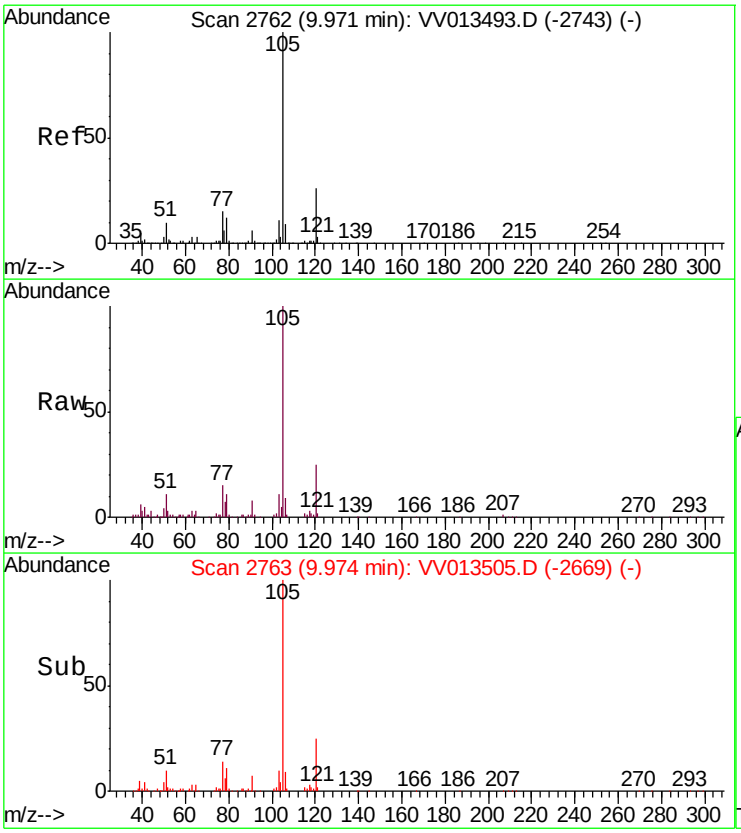
#55
Styrene
Concen: 2.410 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion:104 Resp: 41427

Ion	Ratio	Lower	Upper
104	100		
78	42.8	30.9	57.3

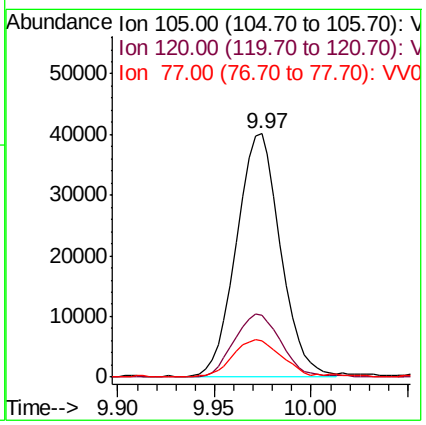


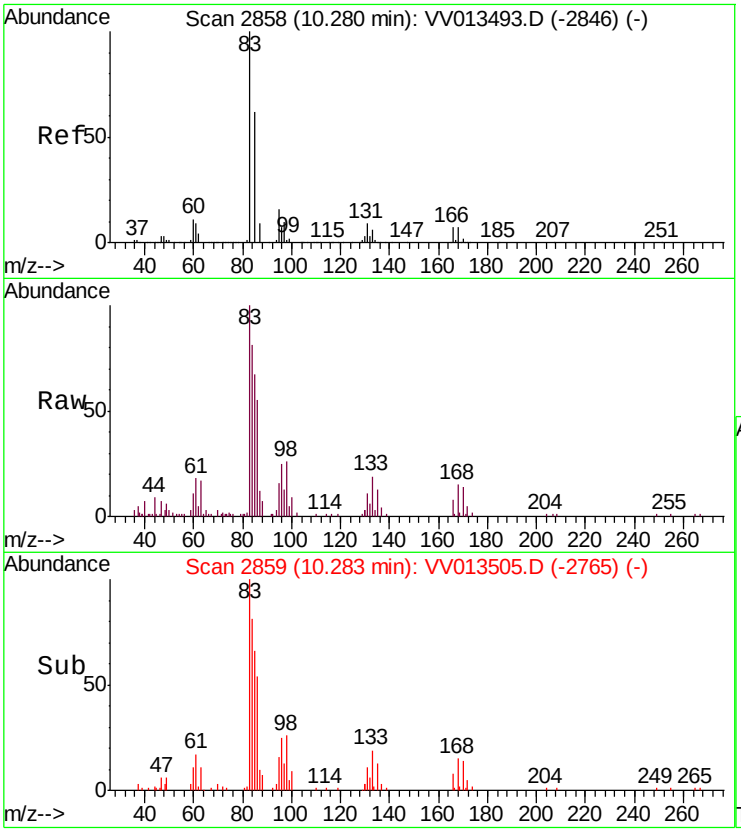


#56
Isopropylbenzene
Concen: 2.452 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion:105 Resp: 64025

Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.1	31.7
77	17.0	12.2	18.4



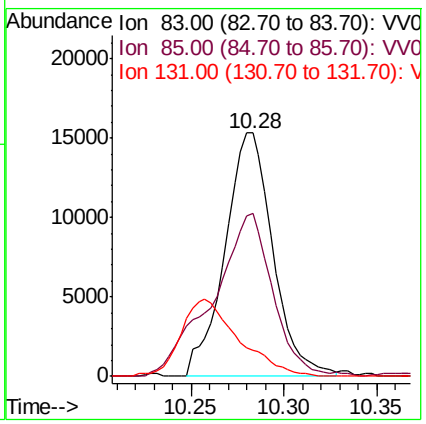


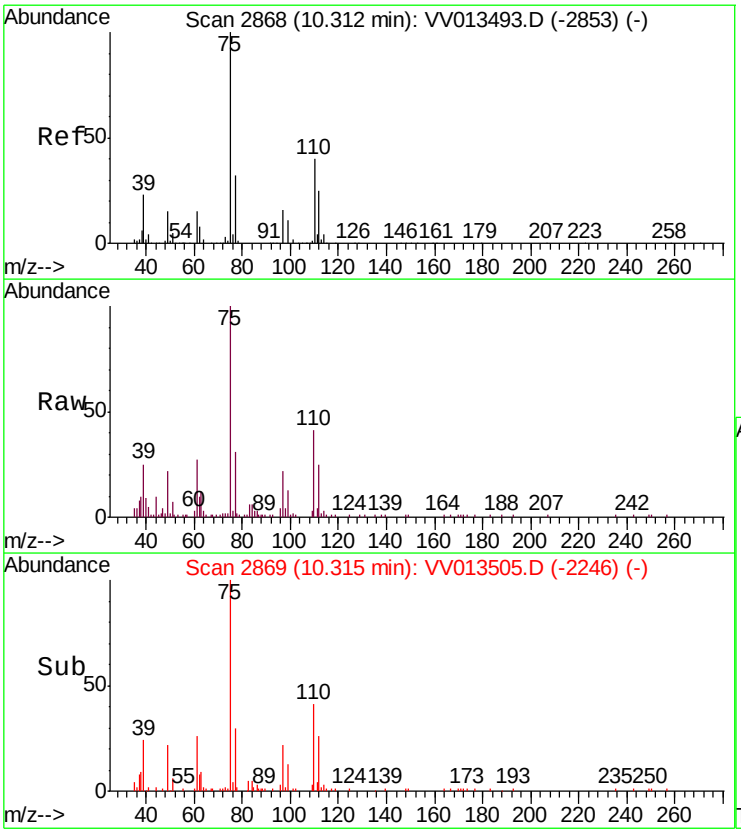
#58
1,1,2,2-Tetrachloroethane
Concen: 3.070 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 83 Resp: 27597

Ion	Ratio	Lower	Upper
83	100		
85	66.8	44.0	81.6
131	10.8	7.7	11.5

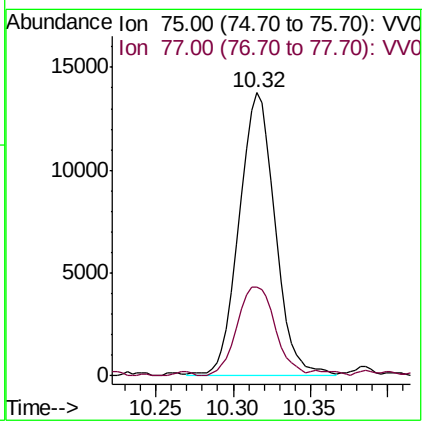


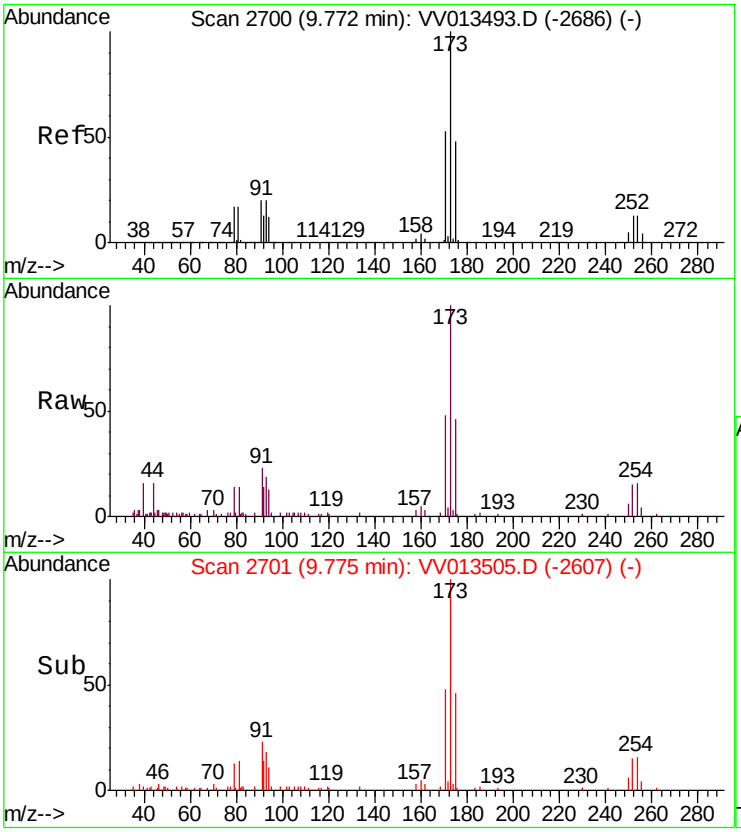


#59
1,2,3-Trichloropropane
Concen: 2.991 ug/L
RT: 10.32 min Scan# 2869
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion: 75 Resp: 22392

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.2



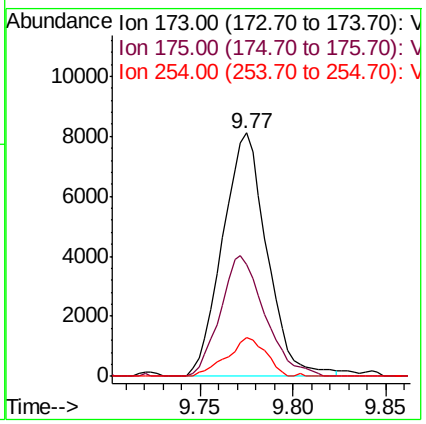


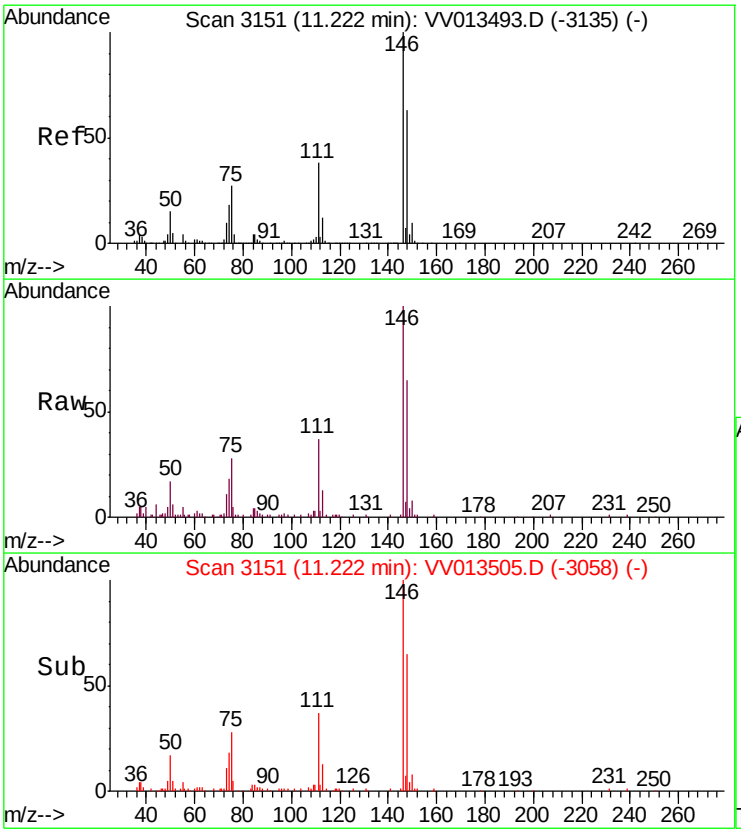
#61
Bromoform
Concen: 2.886 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion:173 Resp: 13476

Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.0	58.4
254	13.9	10.2	15.2

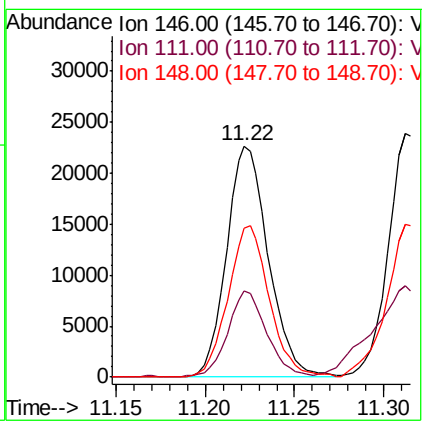


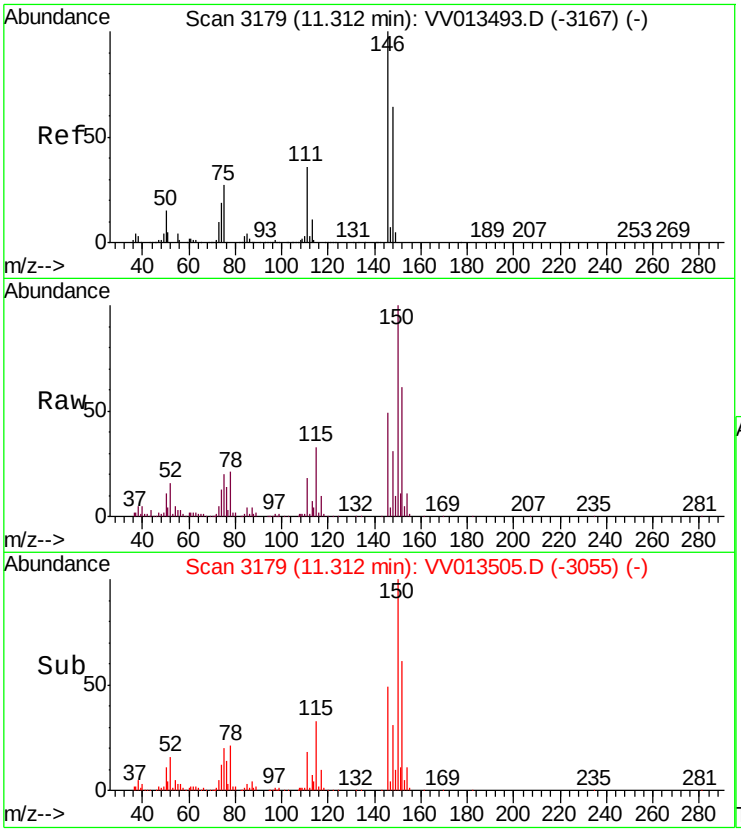


#62
1,3-Dichlorobenzene
Concen: 3.051 ug/L
RT: 11.22 min Scan# 3151
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion:146 Resp: 36828

Ion	Ratio	Lower	Upper
146	100		
111	37.1	26.4	49.0
148	64.6	44.4	82.4



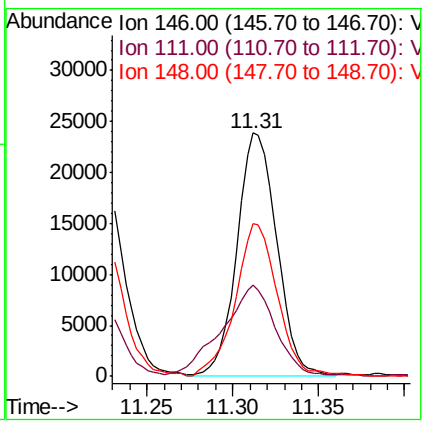


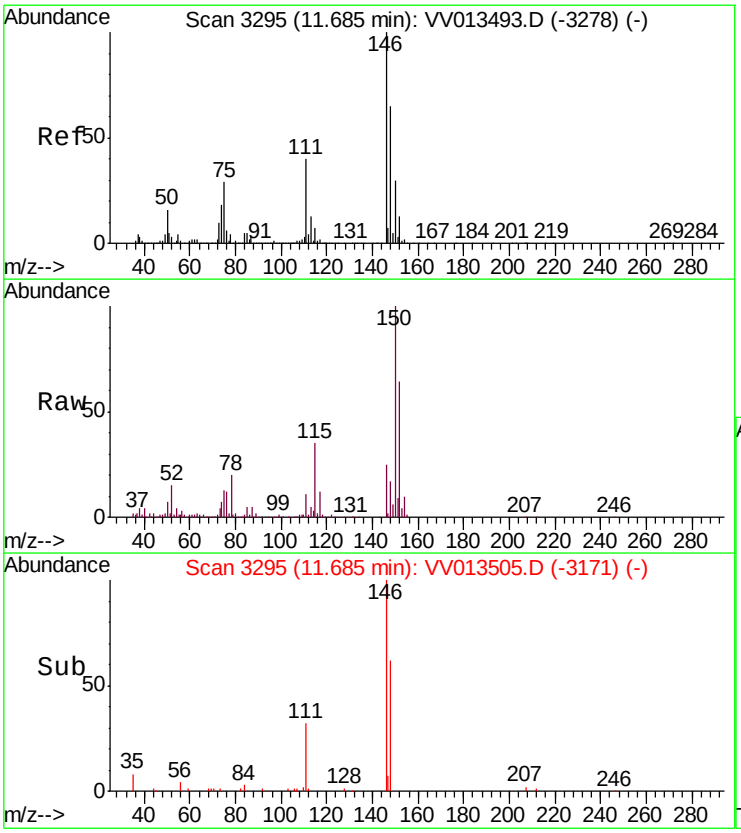
#63
1,4-Dichlorobenzene
Concen: 3.073 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion:146 Resp: 38424

Ion	Ratio	Lower	Upper
146	100		
111	37.2	25.5	47.3
148	62.7	44.9	83.5

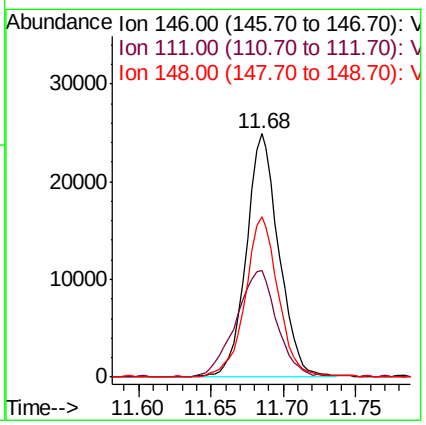


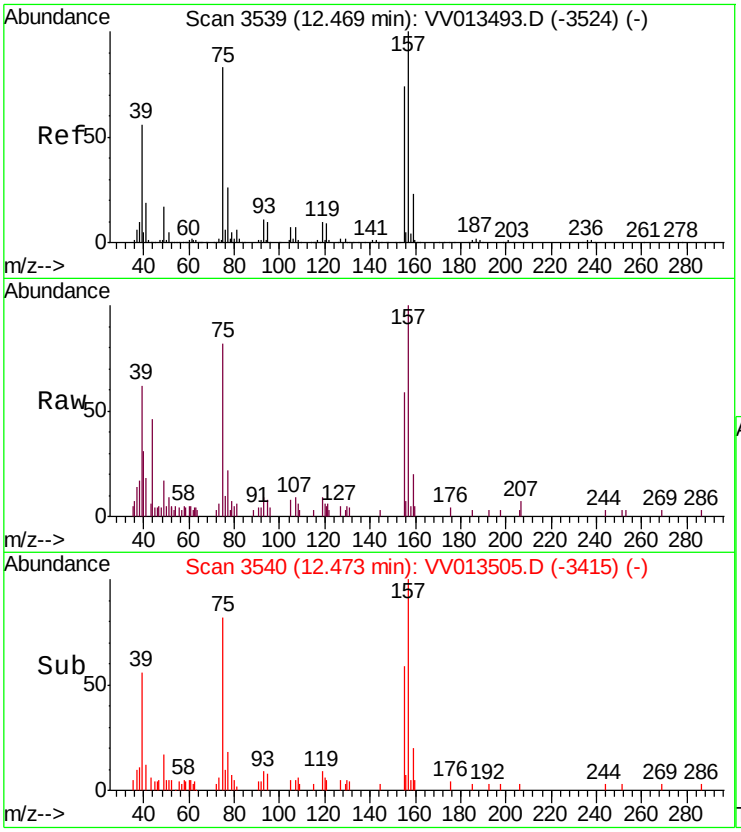


#65
1,2-Dichlorobenzene
Concen: 3.230 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion:146 Resp: 39038

Ion	Ratio	Lower	Upper
146	100		
111	43.8	32.1	48.1
148	65.8	52.0	78.0



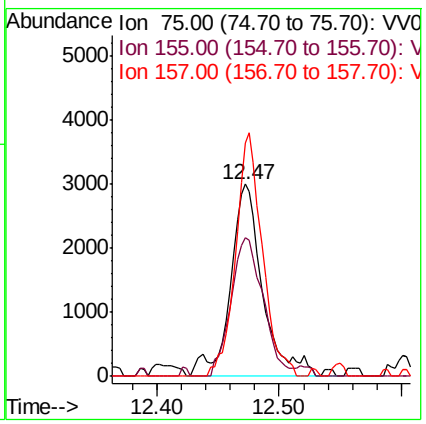


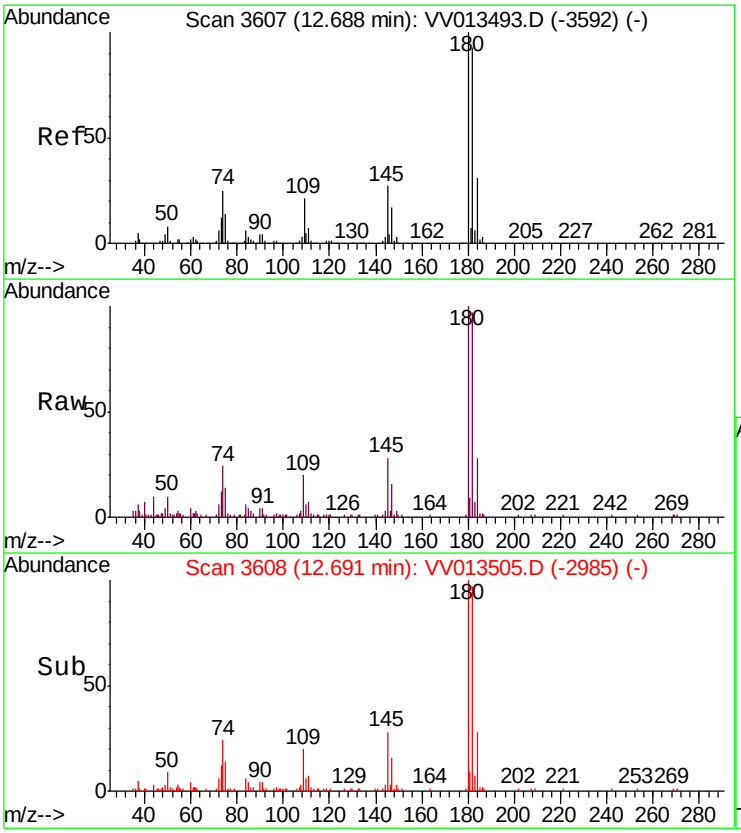
#66
1,2-Dibromo-3-chloropropane
Concen: 3.309 ug/L
RT: 12.47 min Scan# 3540
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 75 Resp: 5518

Ion	Ratio	Lower	Upper
75	100		
155	71.9	71.9	107.9#
157	121.8	96.6	145.0

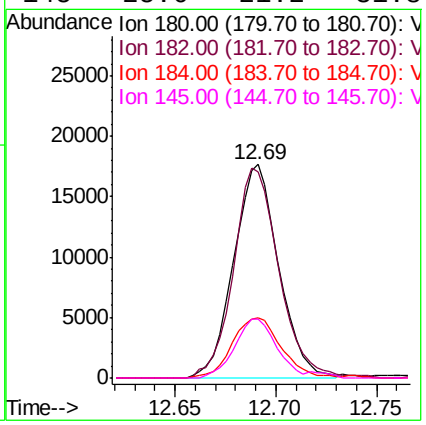


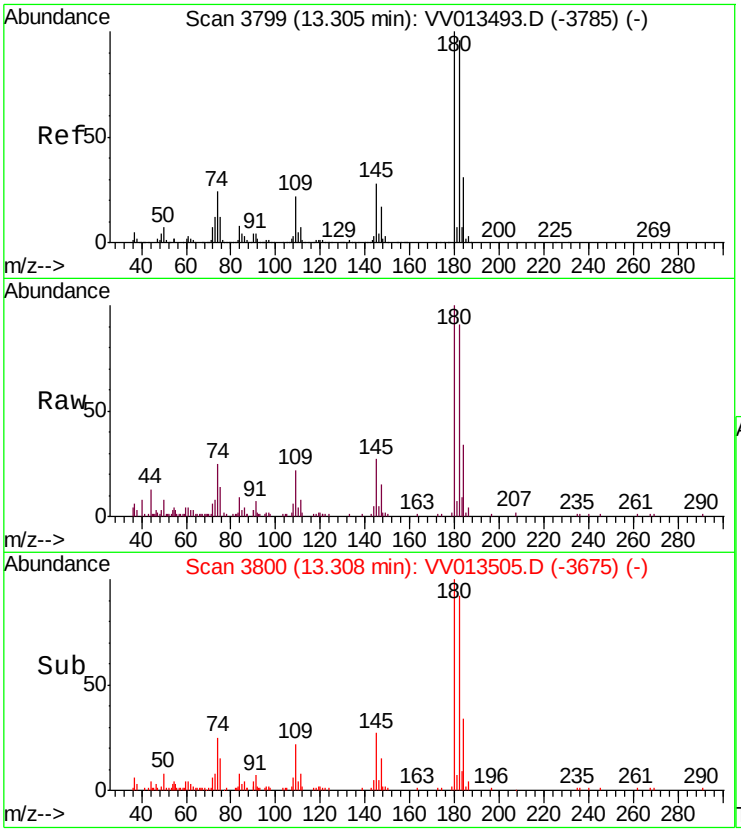


#67
1,3,5-Trichlorobenzene
Concen: 2.925 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion:180 Resp: 27583

Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.2	114.2
184	30.6	24.3	36.5
145	25.6	21.2	31.8



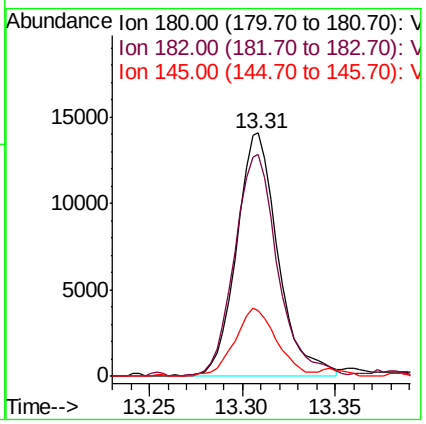


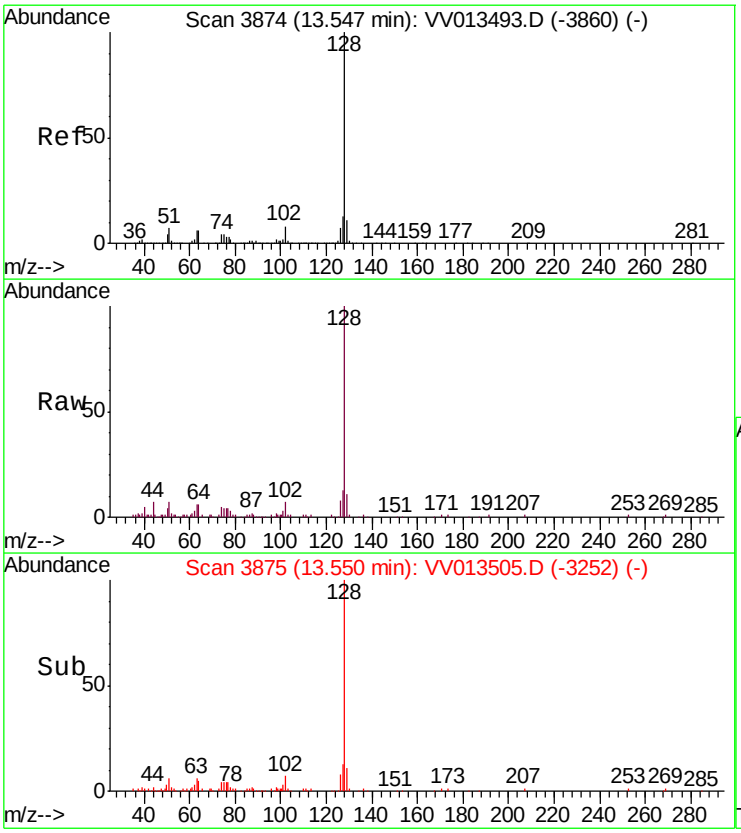
#68
1,2,4-trichlorobenzene
Concen: 2.647 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Tgt Ion:180 Resp: 21871

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	28.2	22.4	33.6

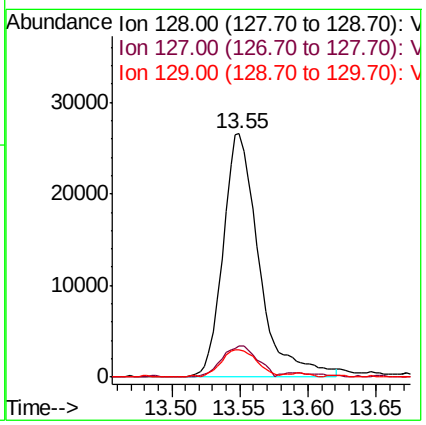


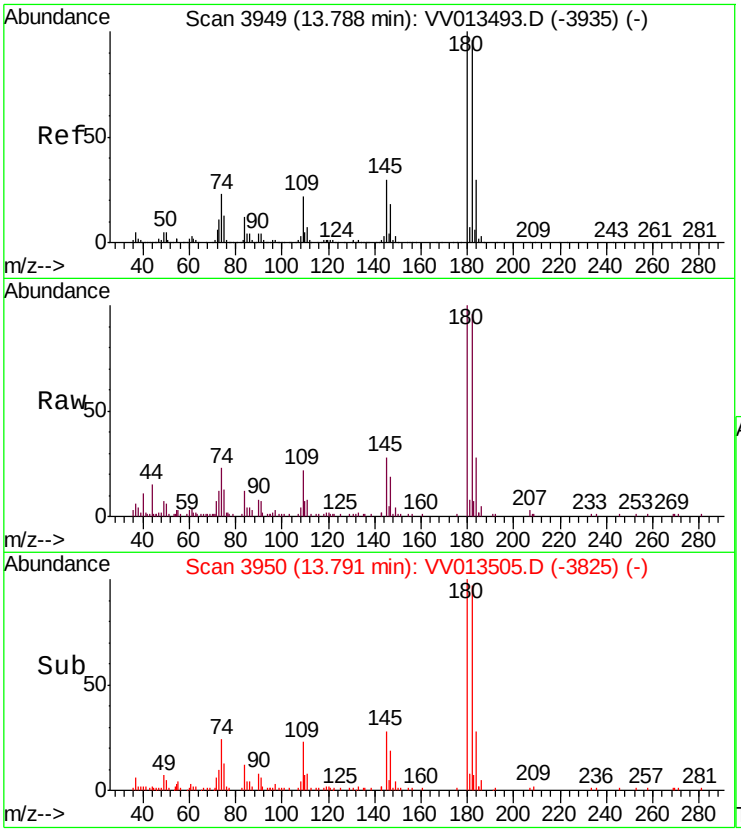


#69
Naphthalene
Concen: 2.204 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Tgt Ion:128 Resp: 48645

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	11.1	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 2.588 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013505.D
Acq: 06 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion:180 Resp: 22703

Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.4	116.0
145	30.4	24.0	36.0