Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\

Quantitation Report (Not Reviewed)

Data File : VV010713.D
Acq On : 08 May 2019 02:22
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02587

Quant Time: May 08 03:07:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	106699	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110528	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52404	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37099	22.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.52%			
7) Chloroethane-d5	1.57	69	32476	23.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.24%			
10) 1,1-Dichloroethene-d2	2.12	63	75467	20.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.96%			
20) 2-Butanone-d5	3.93	46	25681	51.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.26%			
24) Chloroform-d	4.40	84	74332	25.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.08	65	46632	25.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.68%			
29) Benzene-d6	5.10	84	143111	24.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.40%			
33) 1,2-Dichloropropane-d6	6.12	67	47609	25.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.72%			
37) Toluene-d8	7.36	98	138314	24.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.32%			
38) trans-1,3-Dichloropropene-	7.66	79	20619	24.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.60%			
39) 2-Hexanone-d5	8.13	63	18589	47.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.84%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42880	24.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.44%			
61) 1,2-Dichlorobenzene-d4	11.67	152	49516	24.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	31072	21.026	ug/L	98
3) Chloromethane	1.25	50	44463	24.734	ug/L	97
5) Vinyl chloride	1.32	62	46115	22.093	ug/L	98
6) Bromomethane	1.51	94	24047	23.755	ug/L	97
8) Chloroethane	1.59	64	29685	22.836	ug/L	96
9) Trichlorofluoromethane	1.76	101	63867	20.326	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	37085	20.673	ug/L	98
12) 1,1-Dichloroethene	2.13	96	36286	21.602	ug/L	91
13) Acetone	2.19	43	26313	34.171	ug/L	99
14) Carbon disulfide	2.31	76	93236	22.587	ug/L	98
15) Methyl Acetate	2.46	43	22363	24.310	ug/L	100
16) Methylene chloride	2.53	84	45097	27.335	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	113757	27.045	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	38404	25.293	ug/L	98
19) 1,1-Dichloroethane	3.23	63	76816	26.205	ug/L	96
21) 2-Butanone	4.02	43	32042	43.904	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	44249	25.511	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\

Quantitation Report (Not Reviewed)

Data File : VV010713.D
Acq On : 08 May 2019 02:22
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02587

Quant Time: May 08 03:07:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	21074	27.029	ug/L	95
25) Chloroform	4.42	83	81983	25.388	ug/L	98
27) 1,2-Dichloroethane	5.18	62	60578	25.665	ug/L	98
30) Cyclohexane	4.72	56	58449	21.085	ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	63555	23.062	ug/L	100
32) Carbon tetrachloride	4.87	117	51837	21.594	ug/L	98
34) Benzene	5.14	78	166104	25.600	ug/L	100
35) Trichloroethene	5.96	95	43165	23.750	ug/L	99
36) Methylcyclohexane	6.18	83	63774	21.894	ug/L	96
40) 1,2-Dichloropropane	6.22	63	43475	25.188	ug/L	99
41) Bromodichloromethane	6.55	83	60608	25.555	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	68471	25.080	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	70675	48.644	ug/L	98
44) Toluene	7.43	91	178496	24.222	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	57061	24.821	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	35927	25.337	ug/L	98
47) Tetrachloroethene	8.02	164	28302	21.502	ug/L	90
49) 2-Hexanone	8.18	43	49144	44.489	ug/L	97
50) Dibromochloromethane	8.29	129	41068	25.186	ug/L	97
51) 1,2-Dibromoethane	8.40	107	35574	25.975	ug/L	95
52) Chlorobenzene	8.92	112	121536	25.244	ug/L	98
53) Ethylbenzene	9.05	91	208444	24.395	ug/L	99
54) m,p-Xylene	9.18	106	77652	24.325	ug/L	97
55) o-xylene	9.59	106	79341	25.057	ug/L	100
56) Styrene	9.60	104	140376	26.211	ug/L	99
57) Isopropylbenzene	9.97	105	201344	23.833	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	45031	24.240	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	34574	23.846	ug/L	98
62) Bromoform	9.77	173	21166	23.719	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	90934	24.929	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	91805	24.638	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	89265	25.195	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7440	22.631	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	62769	23.888	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	52151	25.650	ug/L	98
69) Naphthalene	13.55	128	115261	26.485	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	50421	26.438	ug/L	99

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

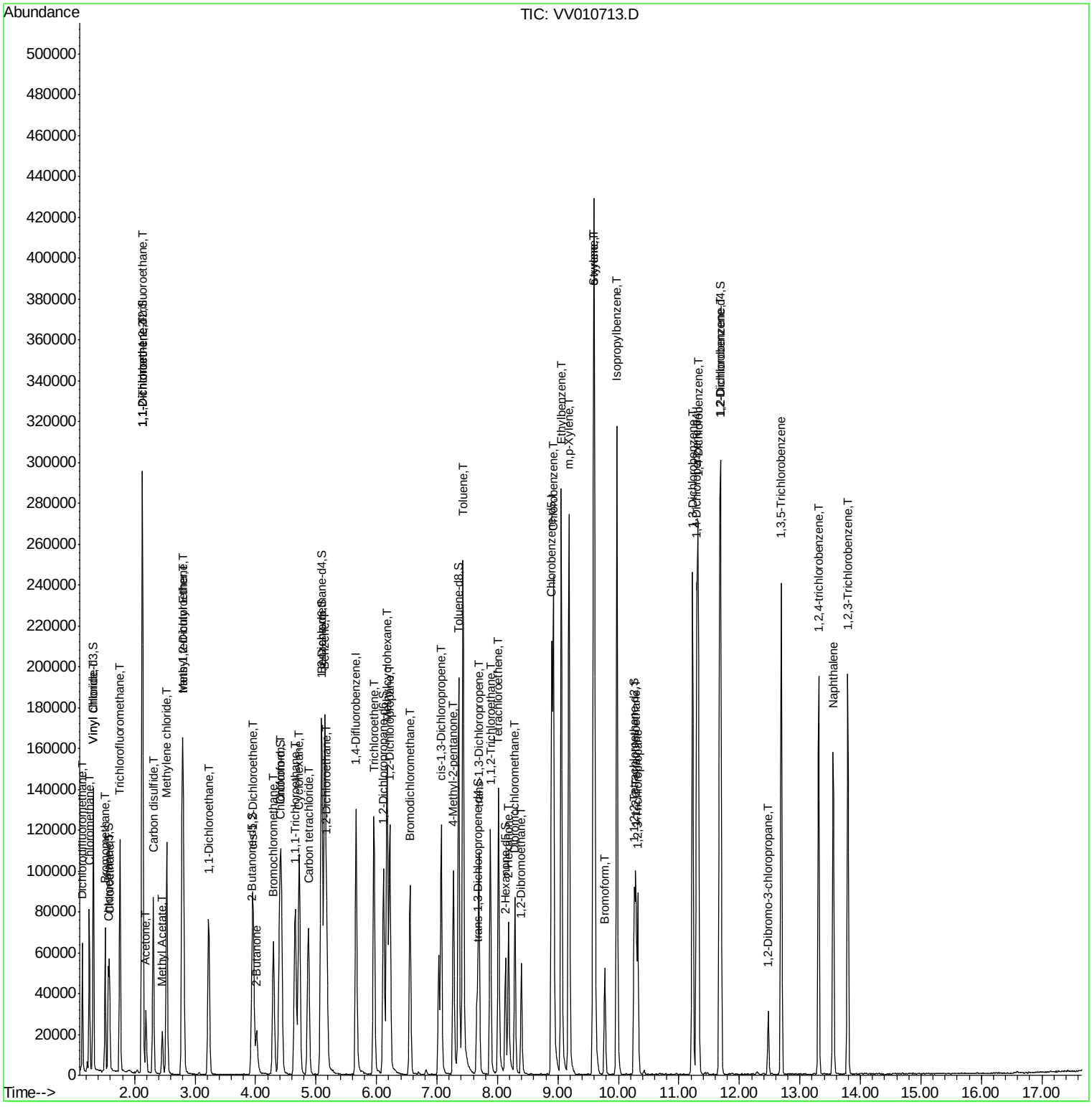
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\

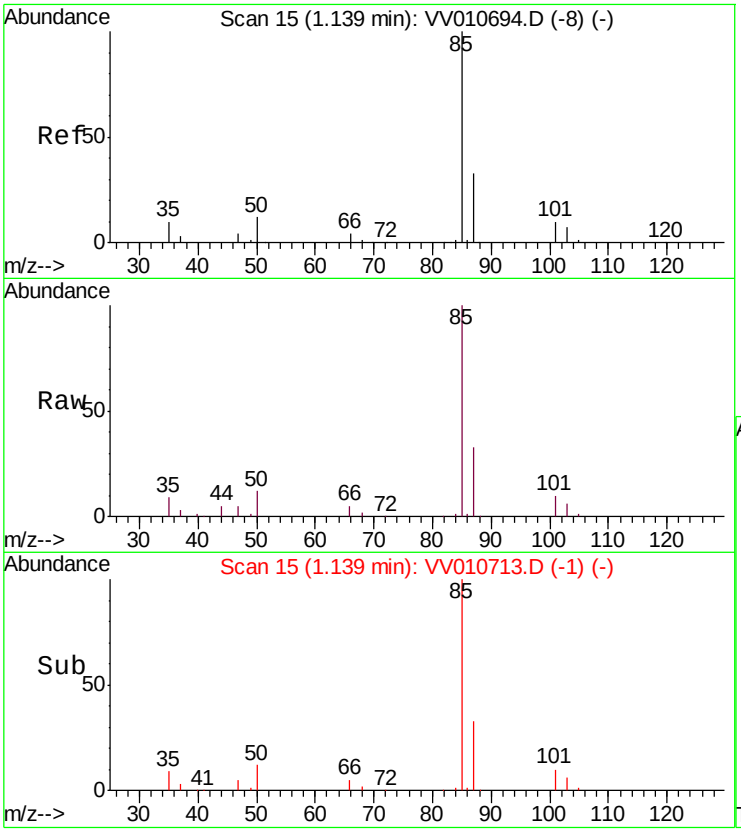
Quantitation Report (Not Reviewed)

Data File : VV010713.D
Acq On : 08 May 2019 02:22
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Quant Time: May 08 03:07:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration



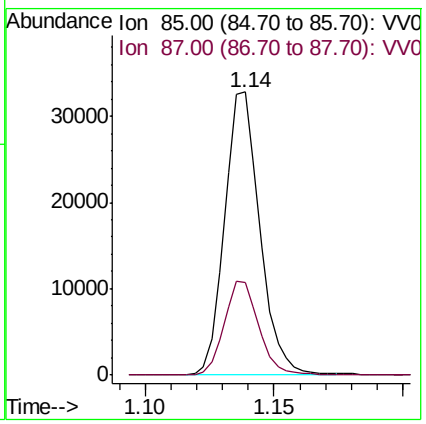


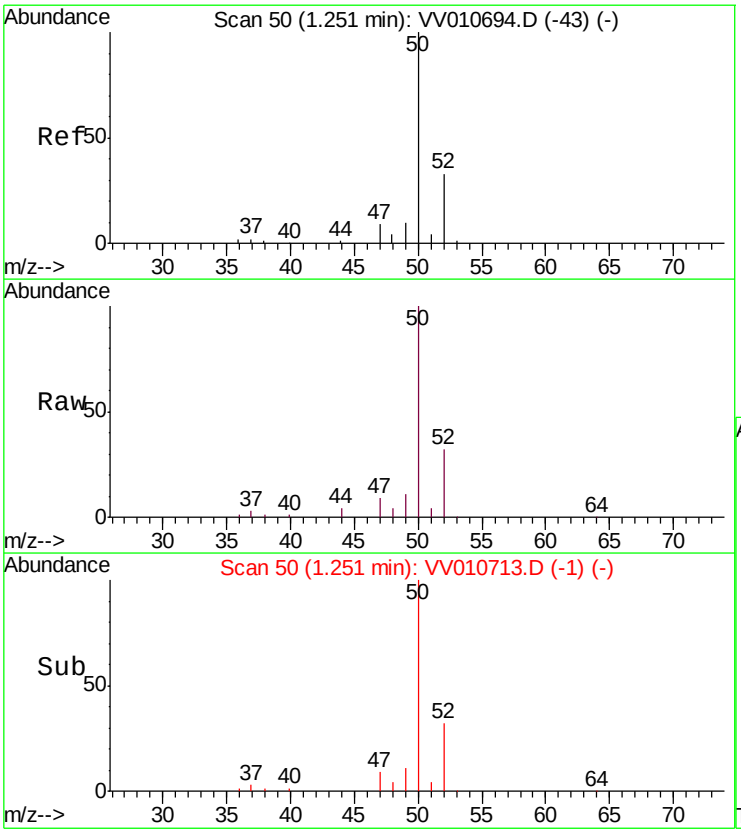
#2
Dichlorodifluoromethane
Concen: 21.026 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 85 Resp: 31072

Ion	Ratio	Lower	Upper
85	100		
87	32.6	21.9	40.7

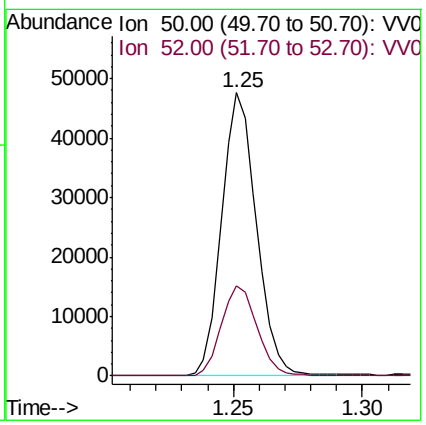


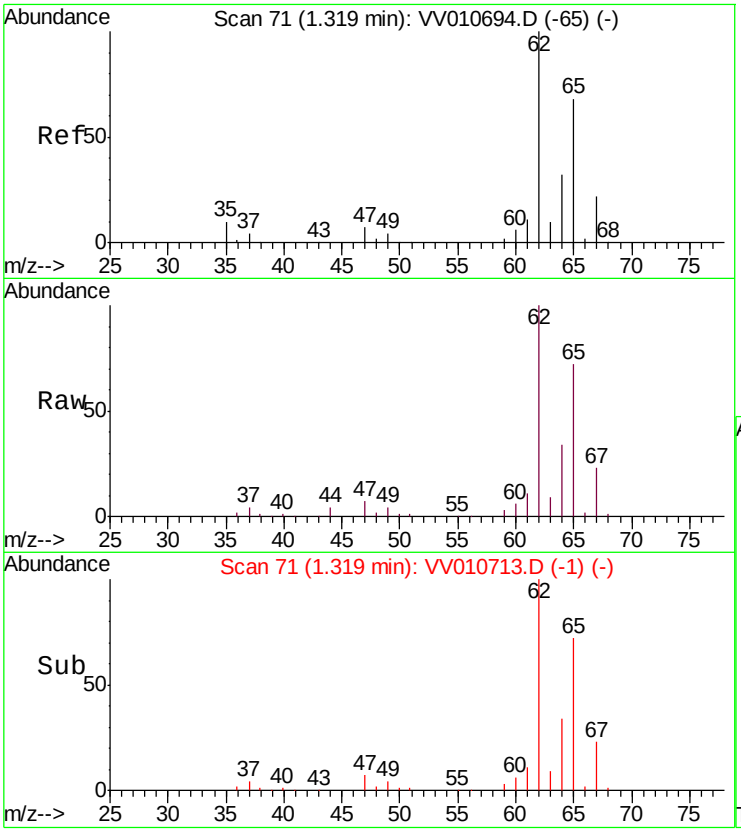


#3
Chloromethane
Concen: 24.734 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 50 Resp: 44463

Ion	Ratio	Lower	Upper
50	100		
52	32.0	23.7	43.9



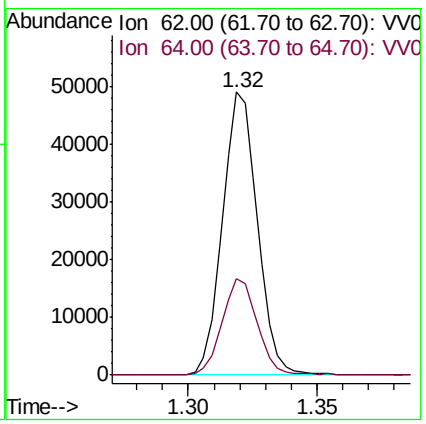


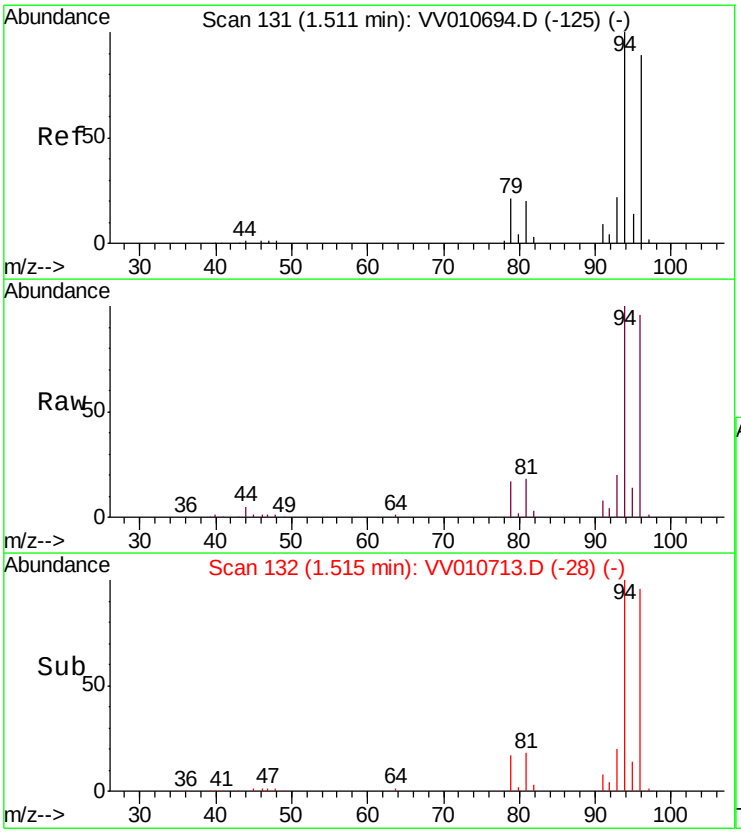
#5
Vinyl chloride
Concen: 22.093 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 62 Resp: 46115

Ion	Ratio	Lower	Upper
62	100		
64	33.9	22.9	42.5

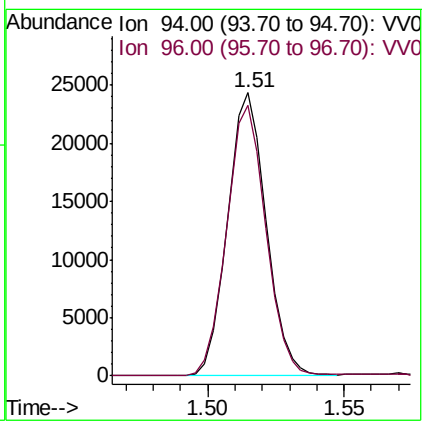


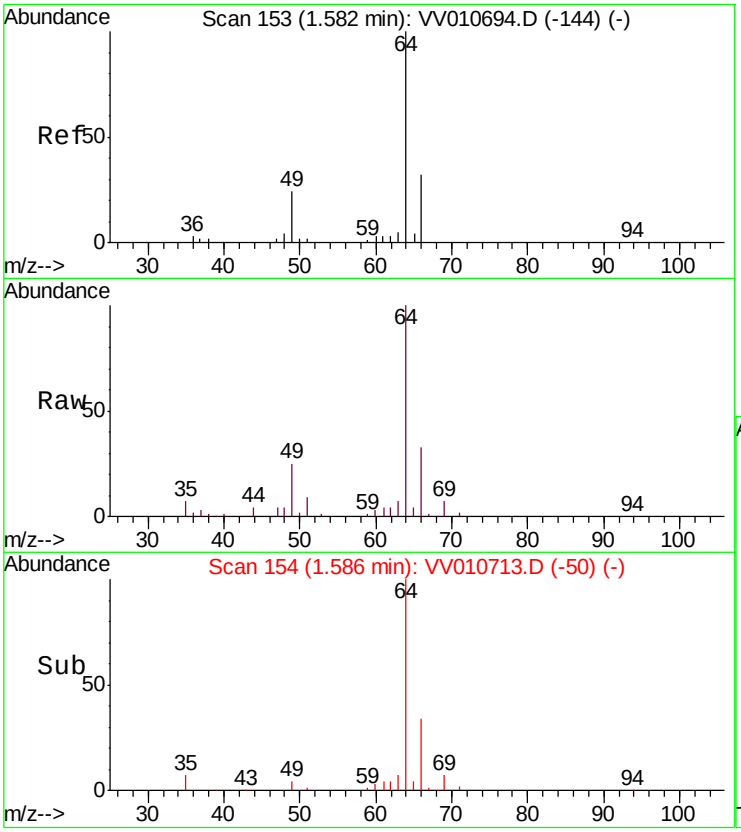


#6
Bromomethane
Concen: 23.755 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 94 Resp: 24047

Ion	Ratio	Lower	Upper
94	100		
96	97.1	9.4	179.0



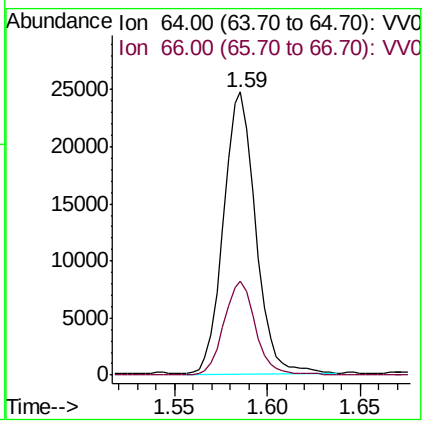


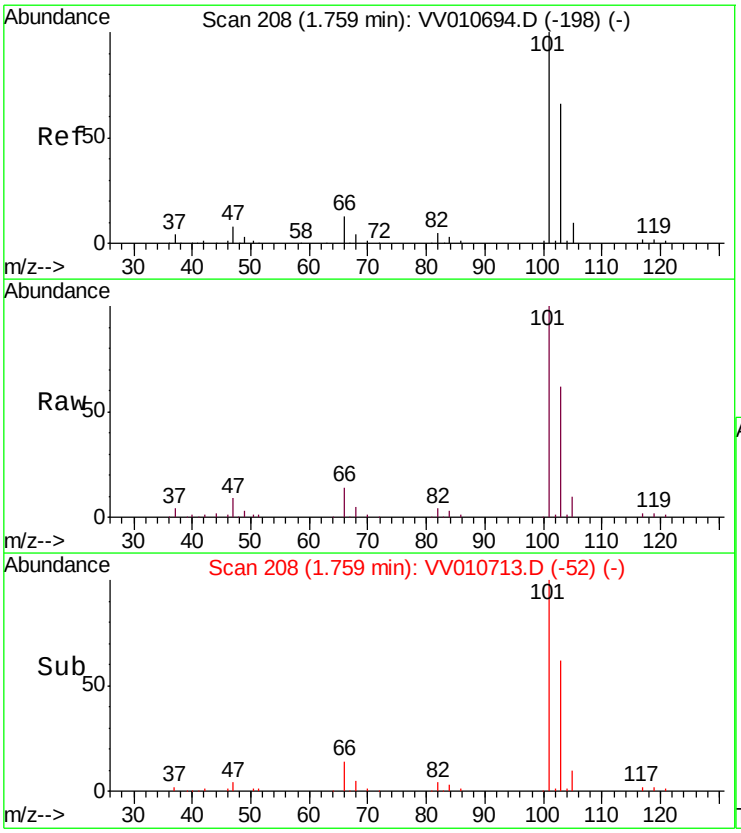
#8
Chloroethane
Concen: 22.836 ug/L
RT: 1.59 min Scan# 154
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 64 Resp: 29685

Ion	Ratio	Lower	Upper
64	100		
66	33.3	21.8	40.4

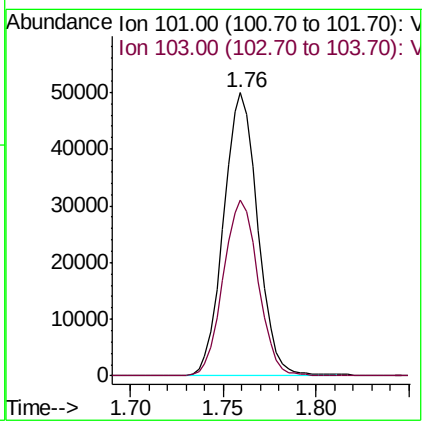


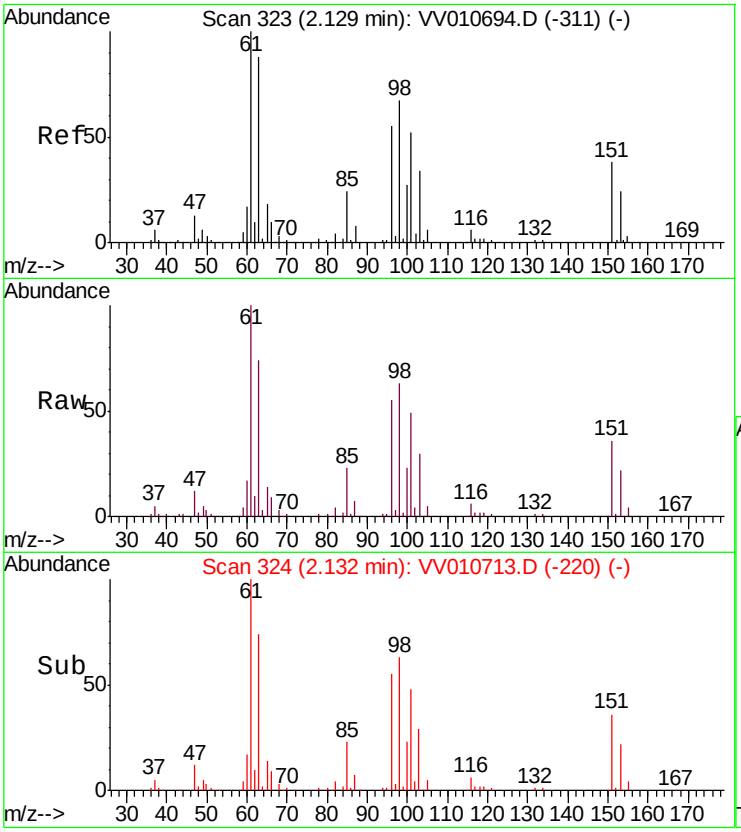


#9
Trichlorofluoromethane
Concen: 20.326 ug/L
RT: 1.76 min Scan# 208
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:101 Resp: 63867

Ion	Ratio	Lower	Upper
101	100		
103	63.5	44.7	82.9



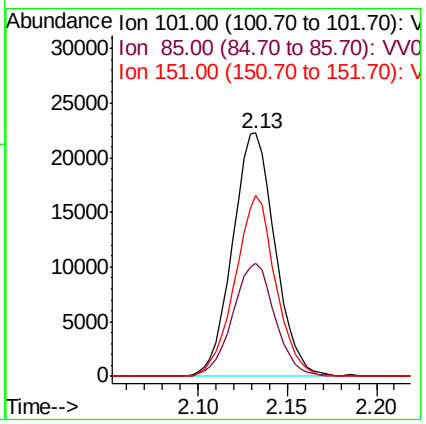


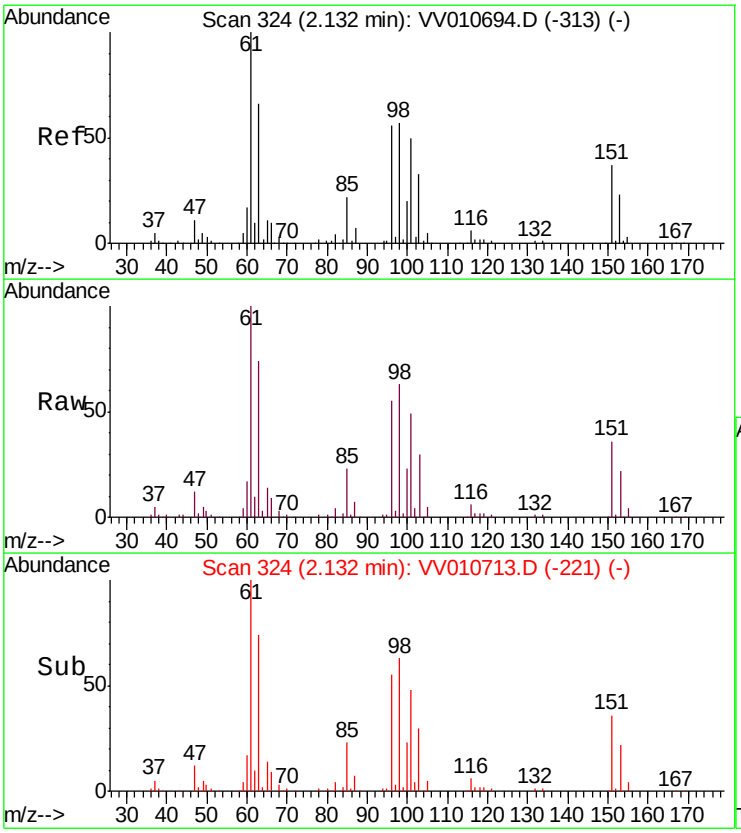
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.673 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion:101 Resp: 37085

Ion	Ratio	Lower	Upper
101	100		
85	46.0	36.0	54.0
151	70.8	58.5	87.7

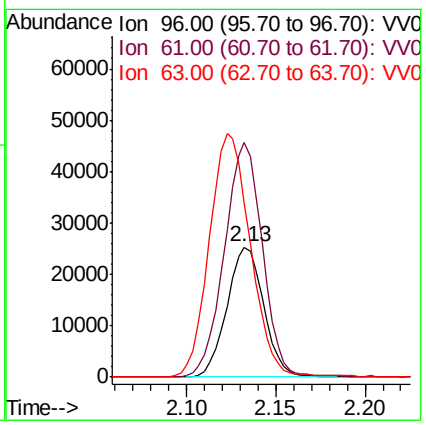


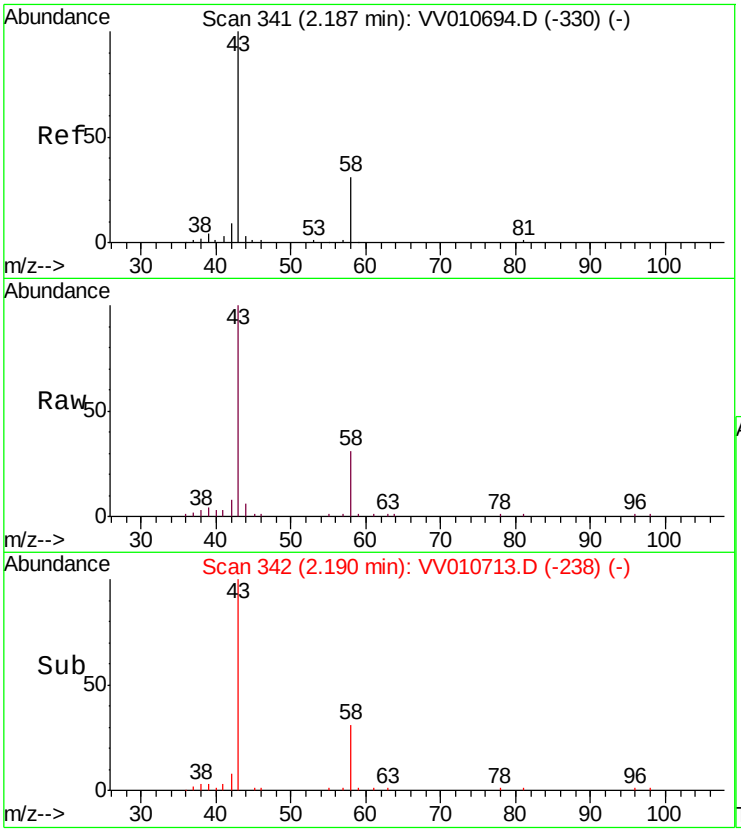


#12
1,1-Dichloroethene
Concen: 21.602 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 96 Resp: 36286

Ion	Ratio	Lower	Upper
96	100		
61	180.3	120.3	223.3
63	134.2	82.9	153.9



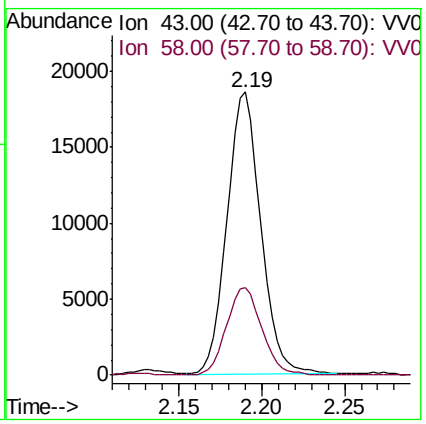


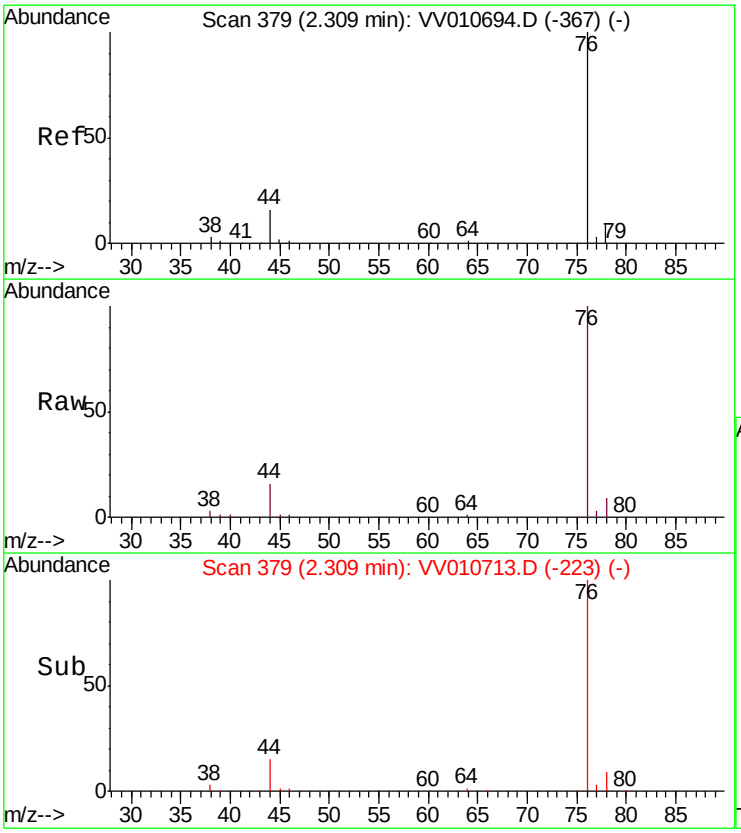
#13
Acetone
Concen: 34.171 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 43 Resp: 26313

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	63.4

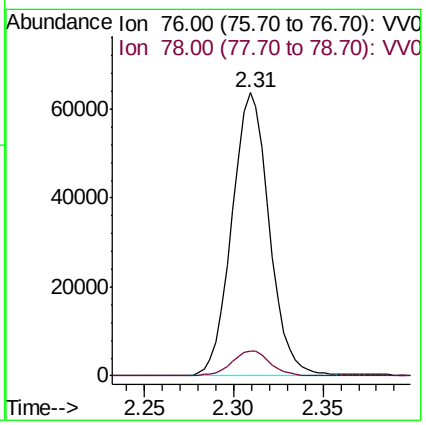


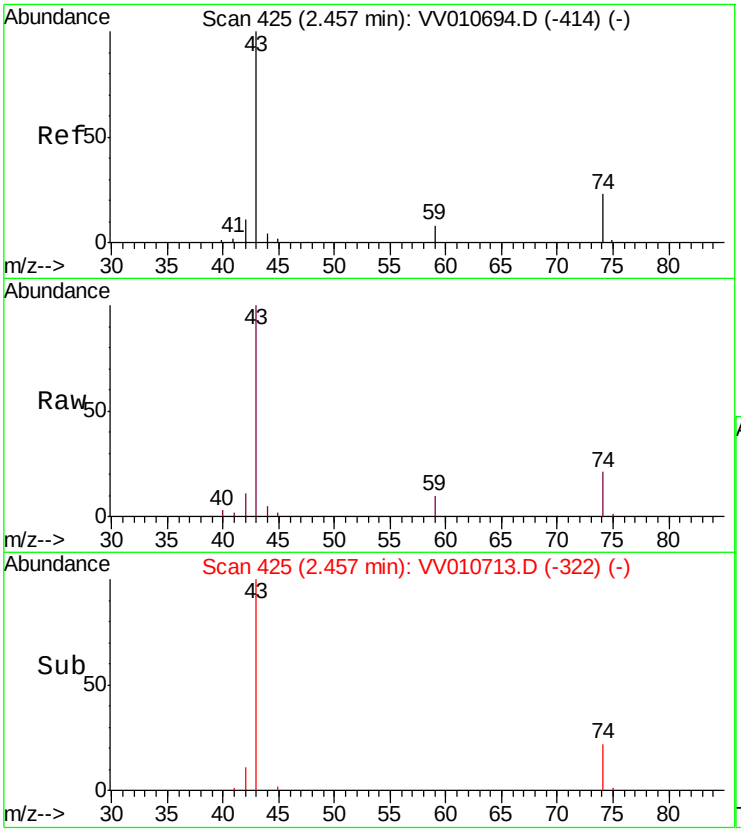


#14
Carbon disulfide
Concen: 22.587 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 76 Resp: 93236

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.8	11.8



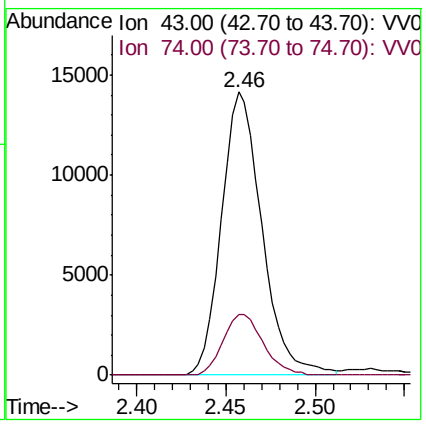


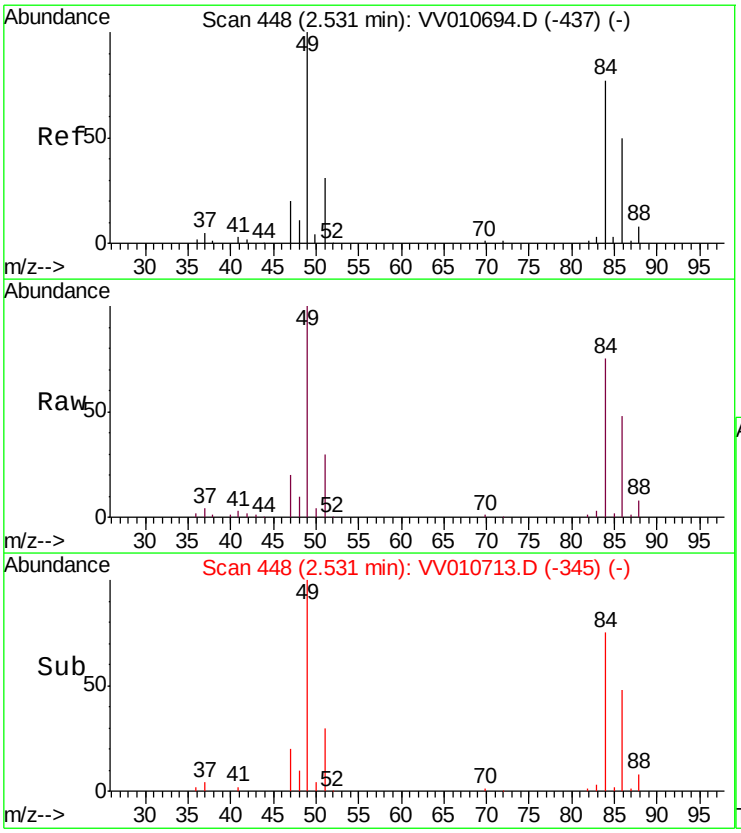
#15
Methyl Acetate
Concen: 24.310 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 43 Resp: 22363

Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.0	25.4

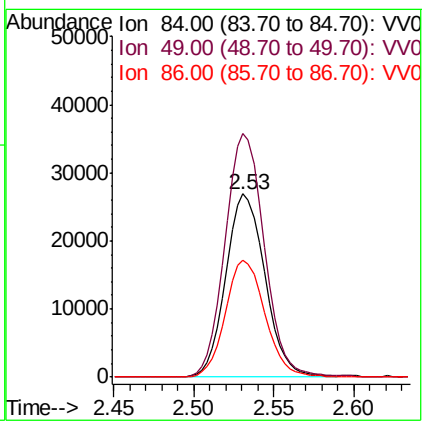


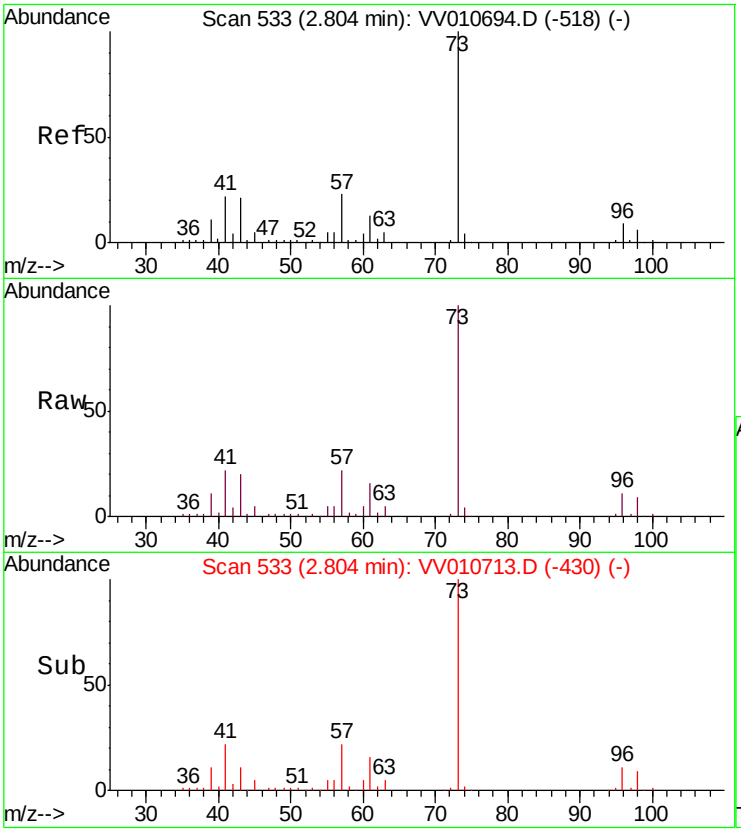


#16
Methylene chloride
Concen: 27.335 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 84 Resp: 45097

Ion	Ratio	Lower	Upper
84	100		
49	133.0	92.9	172.5
86	64.2	46.5	86.5



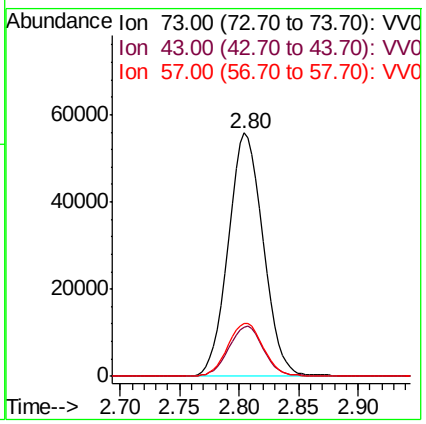


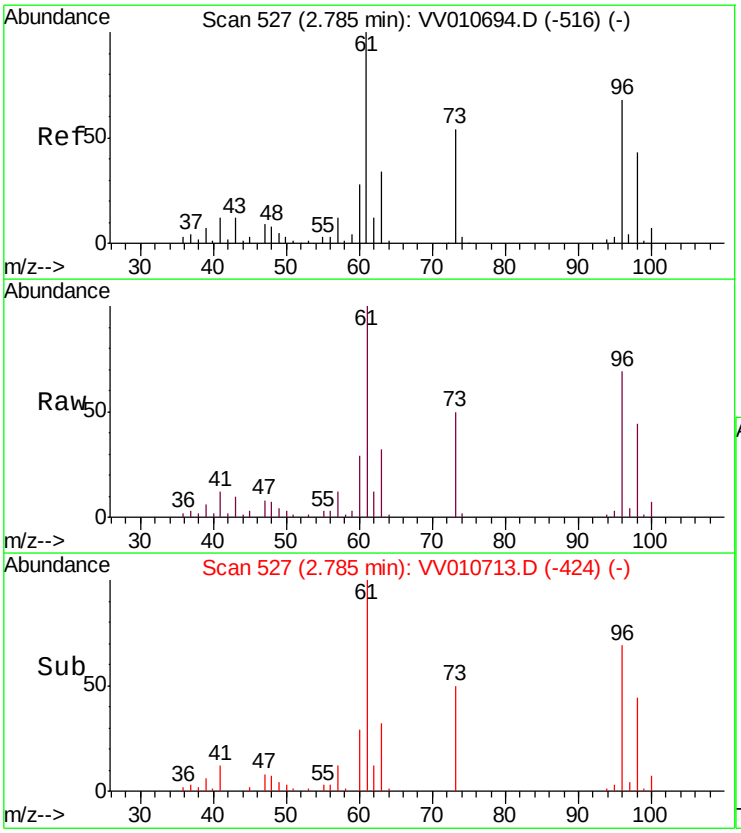
#17
Methyl tert-butyl Ether
Concen: 27.045 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 73 Resp: 113757

Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.6	25.0
57	22.2	17.4	26.2

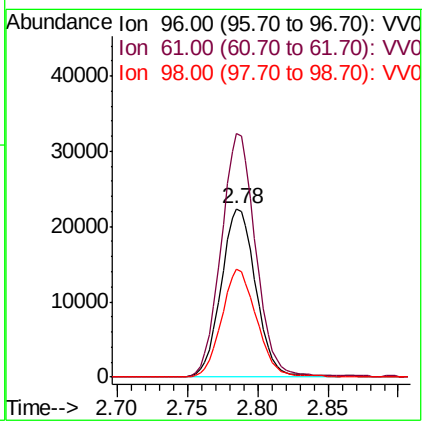


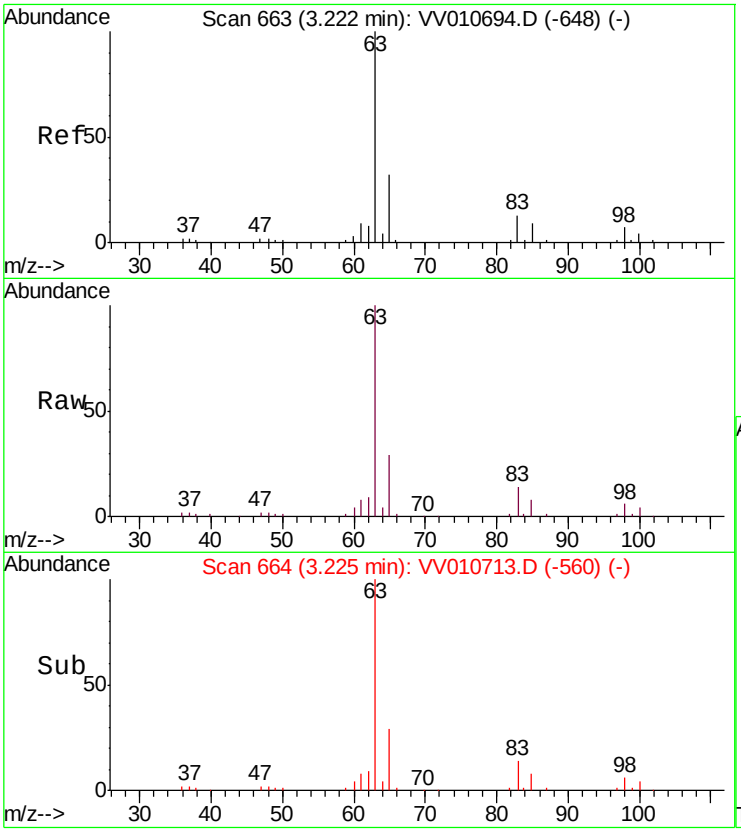


#18
trans-1,2-Dichloroethene
Concen: 25.293 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 96 Resp: 38404

Ion	Ratio	Lower	Upper
96	100		
61	144.7	102.8	190.8
98	64.3	44.0	81.6



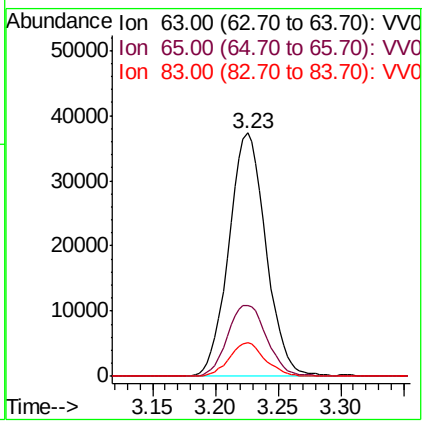


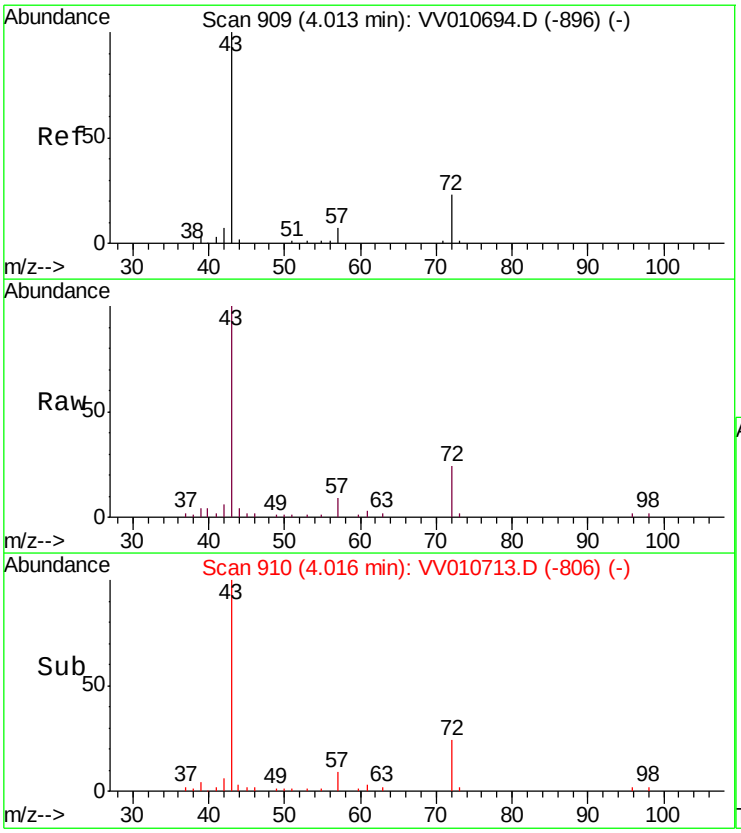
#19
1,1-Dichloroethane
Concen: 26.205 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument : MSVOA_V
ClientSampleId : VSTD02587

Tgt Ion: 63 Resp: 76816

Ion	Ratio	Lower	Upper
63	100		
65	29.0	22.5	41.7
83	13.9	10.3	19.1

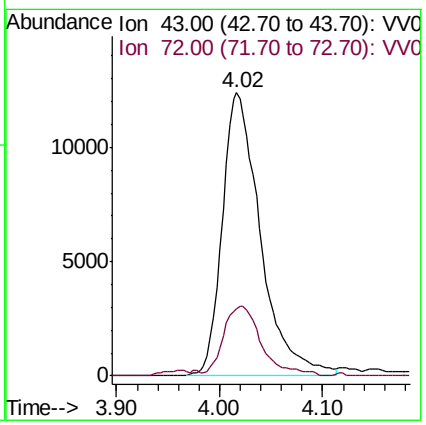


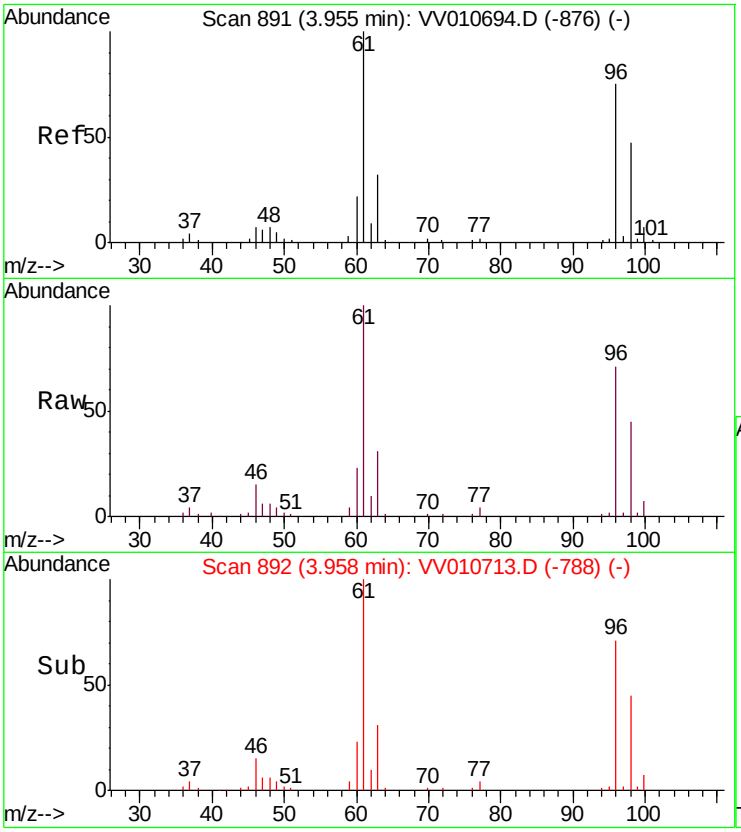


#21
2-Butanone
Concen: 43.904 ug/L
RT: 4.02 min Scan# 910
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 43 Resp: 32042

Ion	Ratio	Lower	Upper
43	100		
72	24.4	11.2	33.6



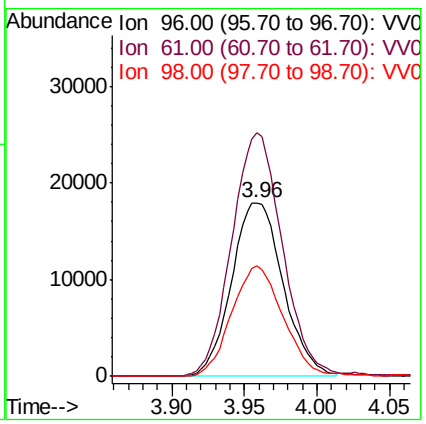


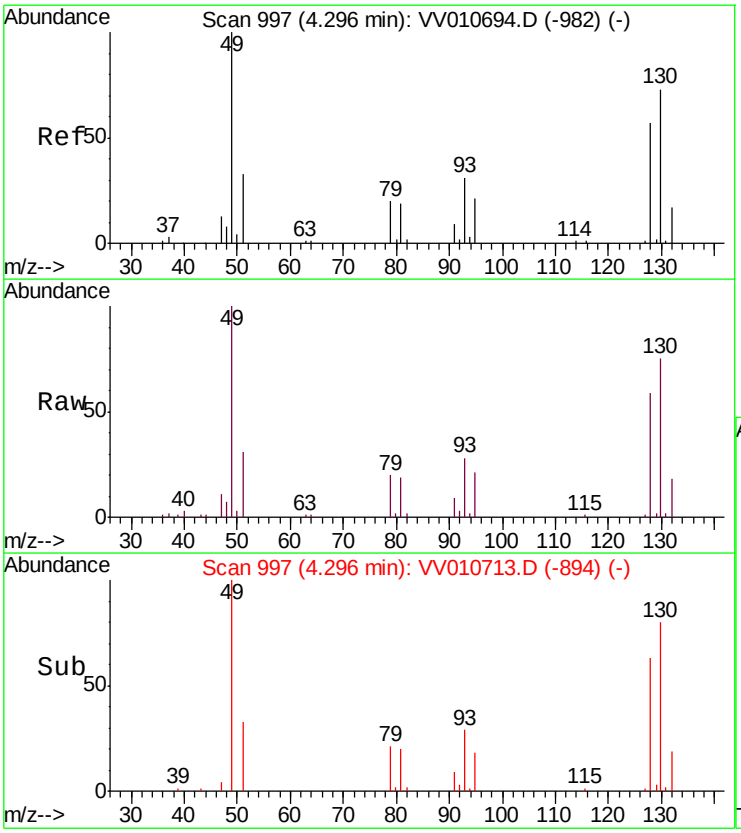
#22
cis-1,2-Dichloroethene
Concen: 25.511 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 96 Resp: 44249

Ion	Ratio	Lower	Upper
96	100		
61	140.3	93.9	174.5
98	63.4	46.5	86.5

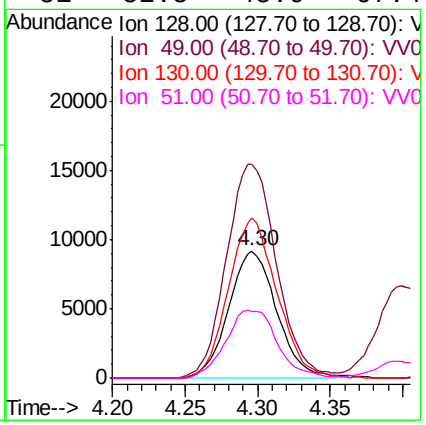


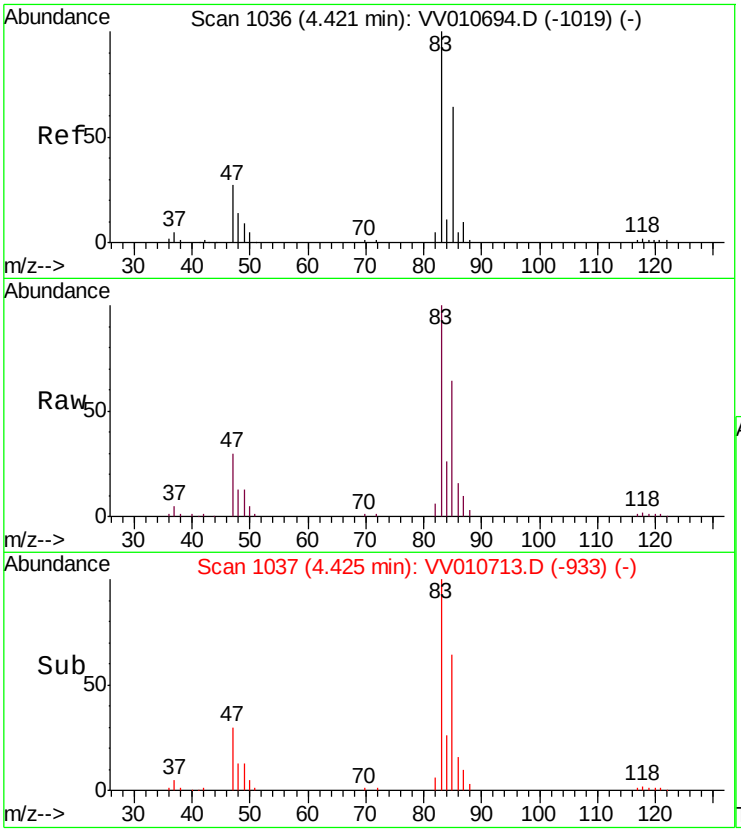


#23
Bromochloromethane
Concen: 27.029 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:128 Resp: 21074

Ion	Ratio	Lower	Upper
128	100		
49	168.3	122.6	227.8
130	126.5	84.0	156.0
51	52.5	45.0	67.4



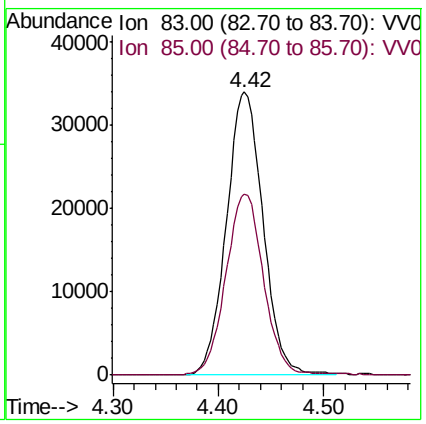


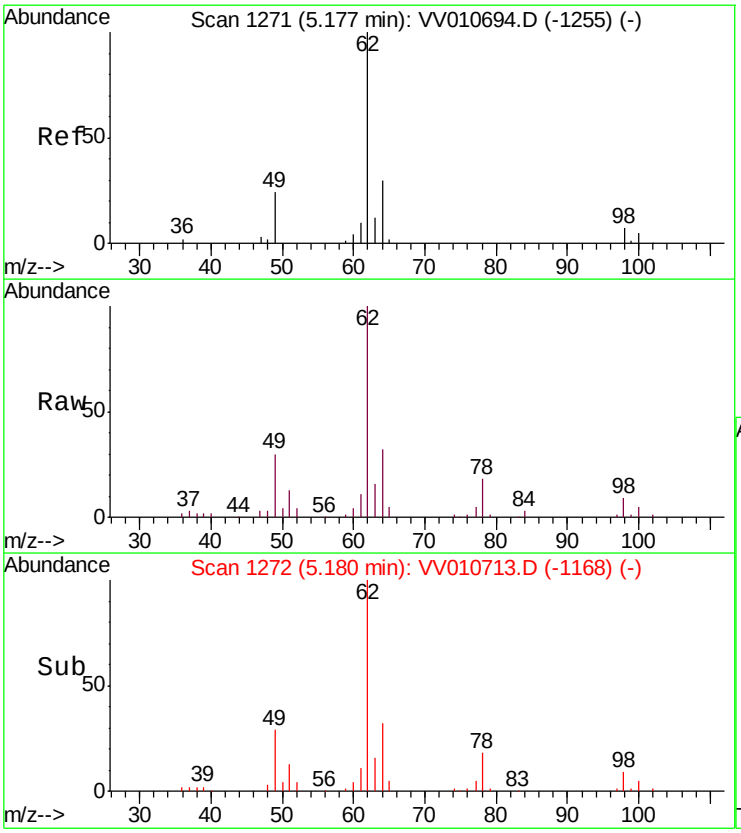
#25
Chloroform
Concen: 25.388 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 83 Resp: 81983

Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.6	82.8

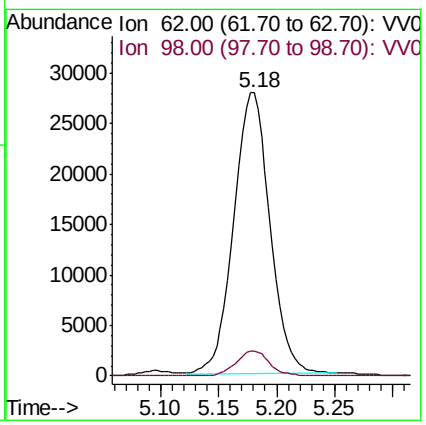


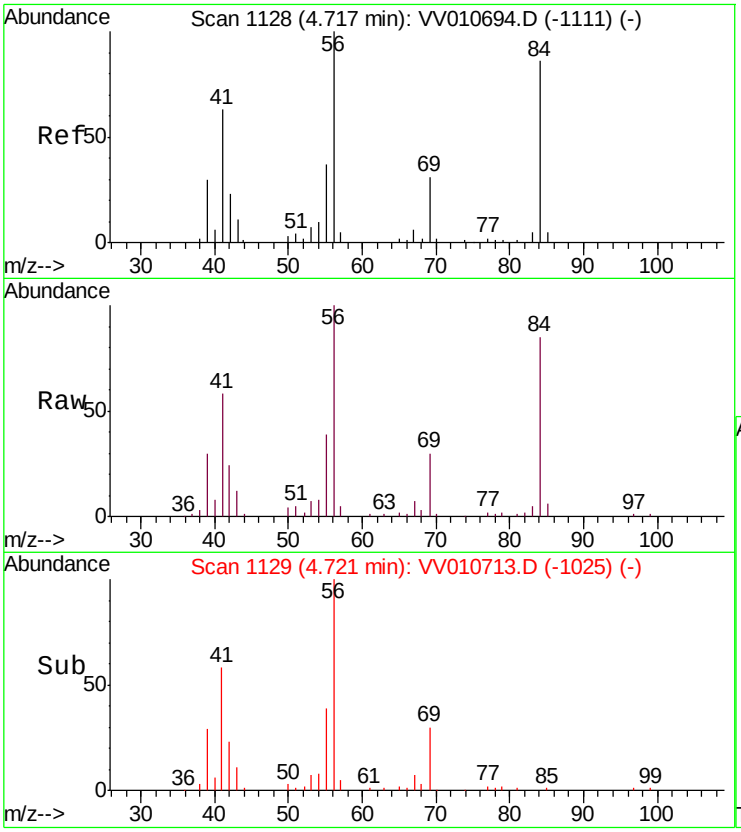


#27
1,2-Dichloroethane
Concen: 25.665 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 62 Resp: 60578

Ion	Ratio	Lower	Upper
62	100		
98	8.7	6.3	9.5



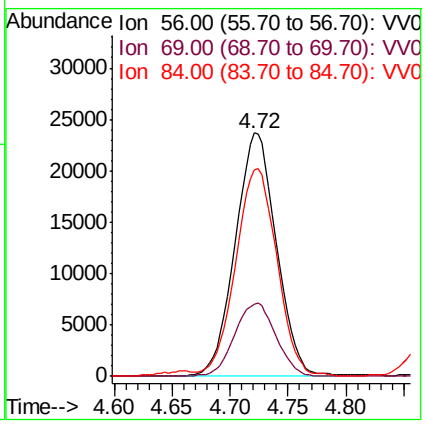


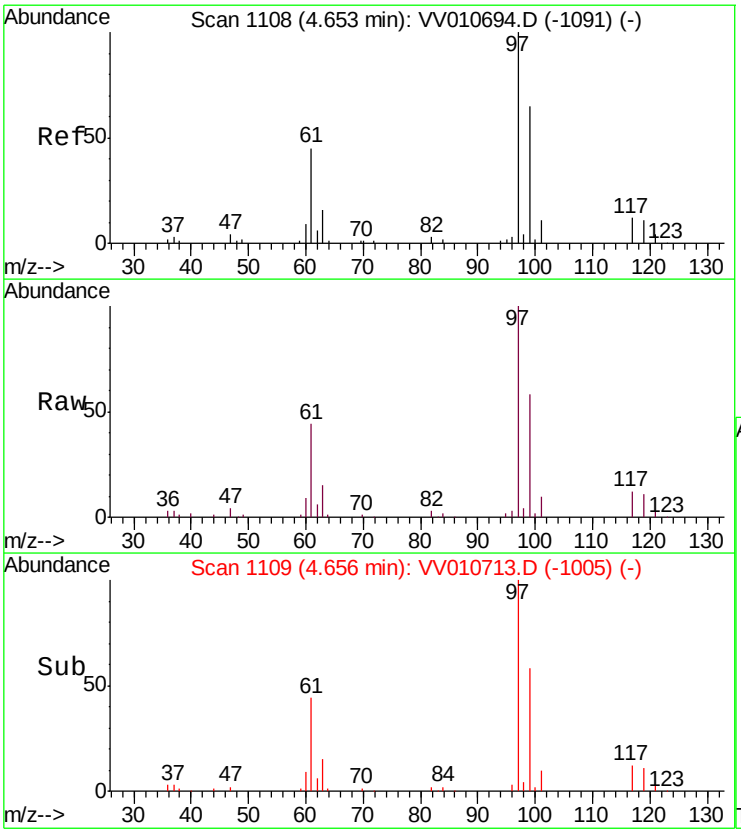
#30
Cyclohexane
Concen: 21.085 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 56 Resp: 58449

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.4
84	85.8	66.5	99.7

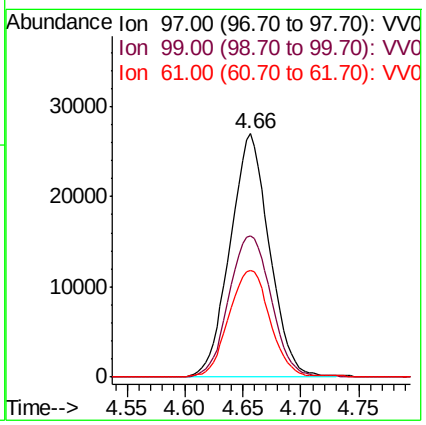


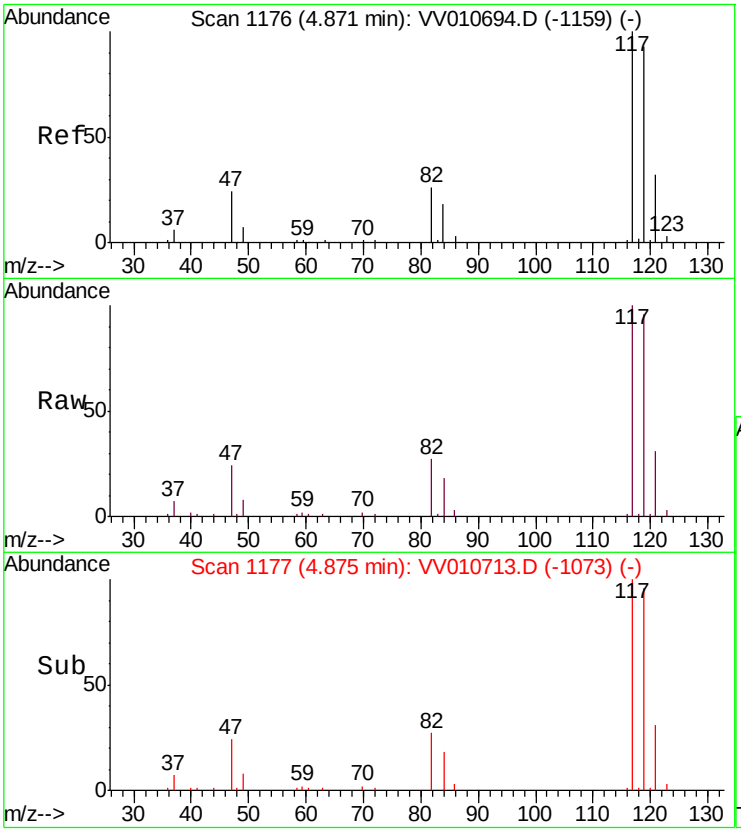


#31
1,1,1-Trichloroethane
Concen: 23.062 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 97 Resp: 63555

Ion	Ratio	Lower	Upper
97	100		
99	62.2	50.2	75.2
61	45.7	36.7	55.1



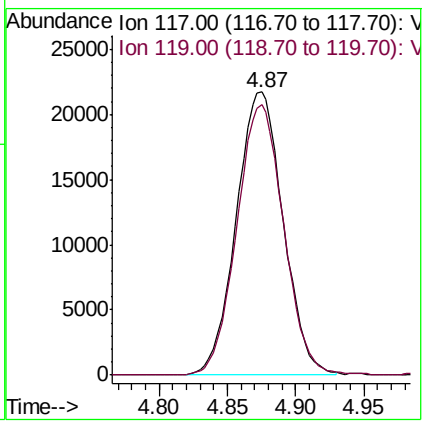


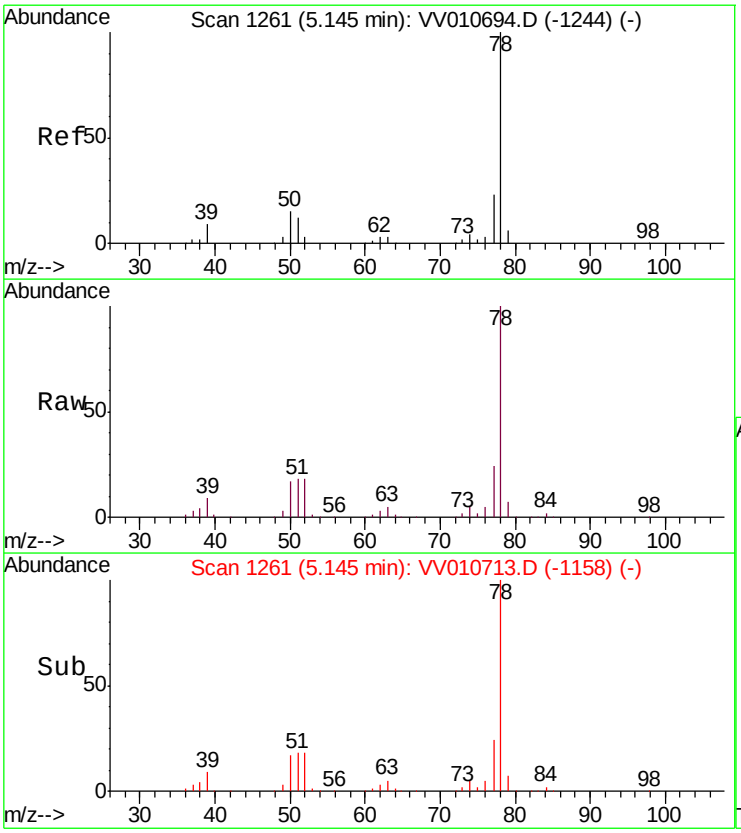
#32
Carbon tetrachloride
Concen: 21.594 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion:117 Resp: 51837

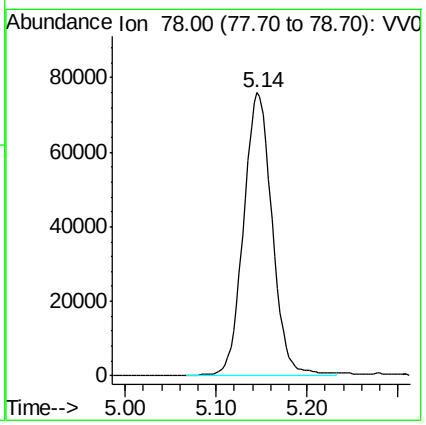
Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.9	112.3

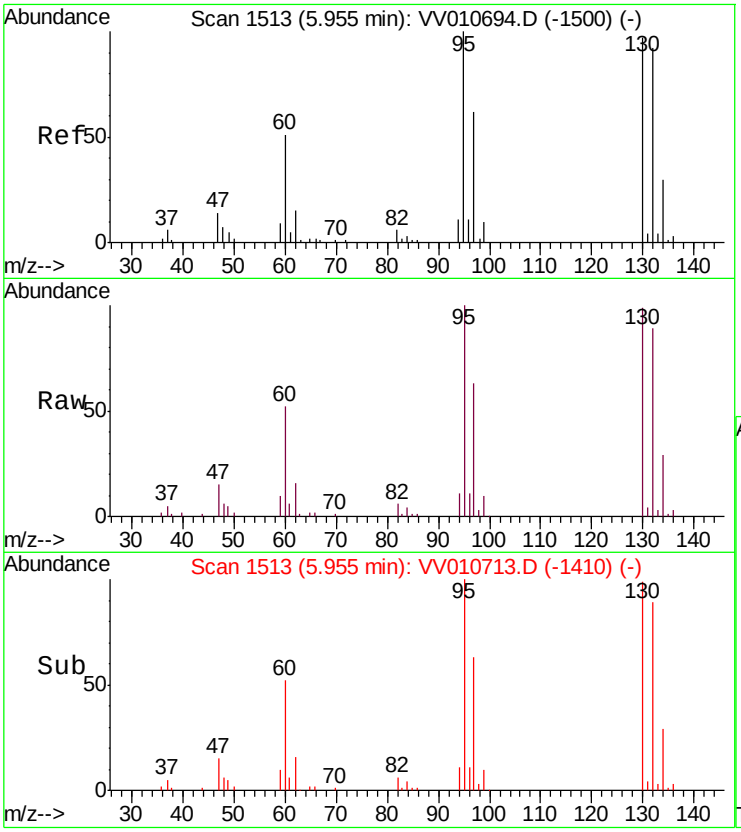




#34
Benzene
Concen: 25.600 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 78 Resp: 166104



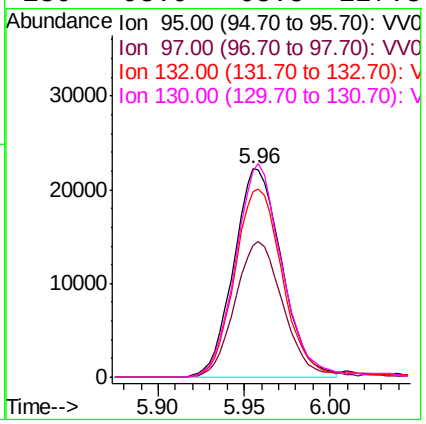


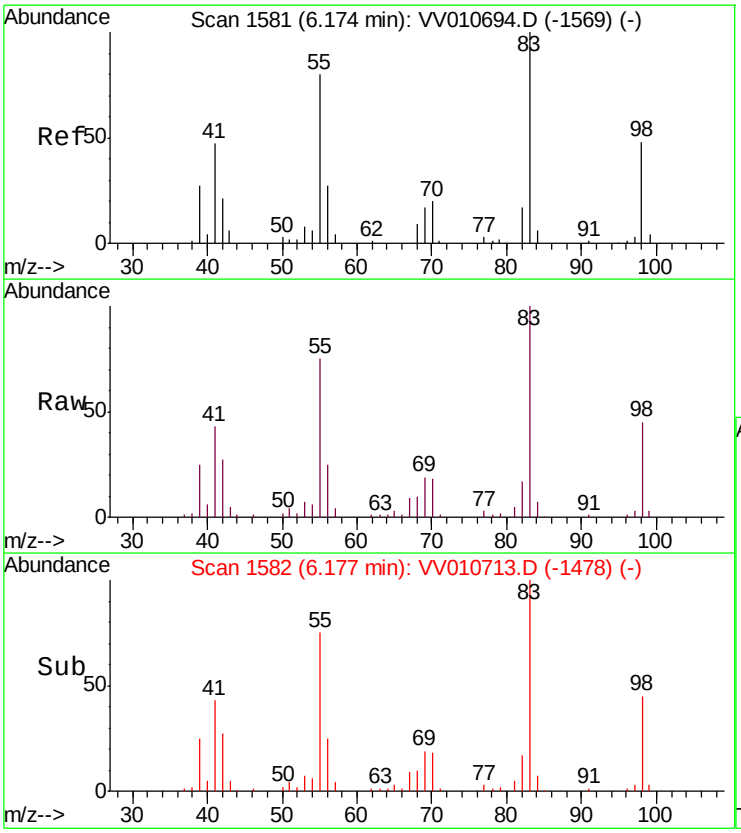
#35
Trichloroethene
Concen: 23.750 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 95 Resp: 43165

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.3	82.3
132	89.8	62.4	115.8
130	98.9	68.5	127.3

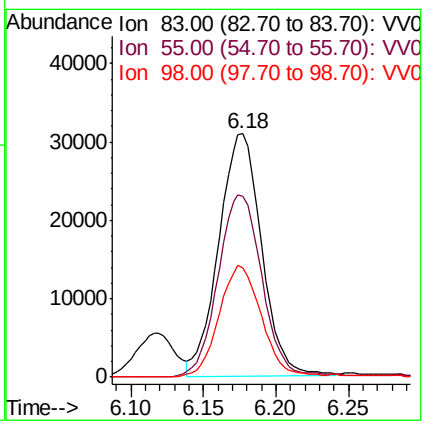


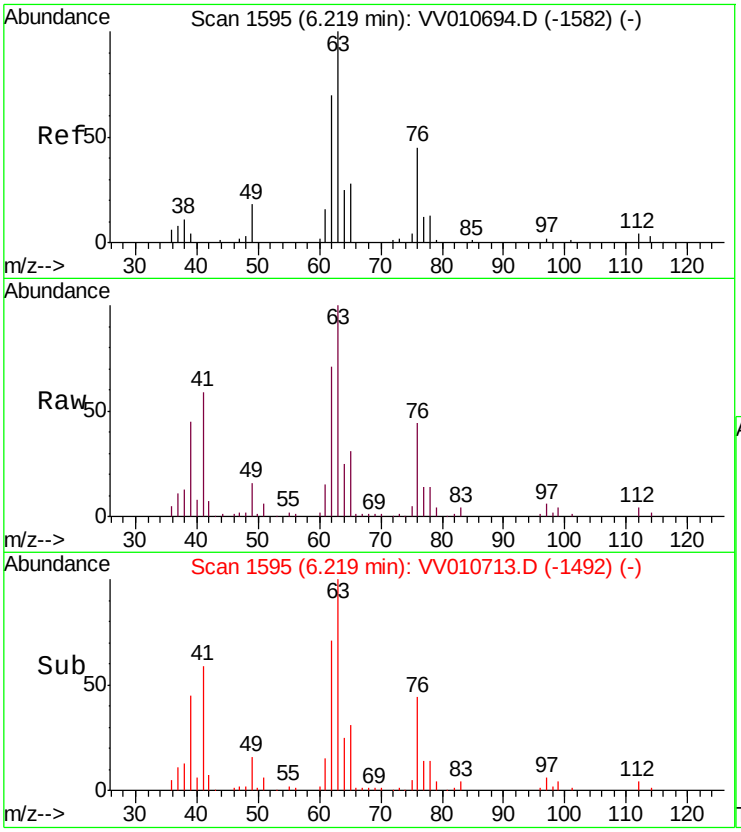


#36
Methylcyclohexane
Concen: 21.894 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 83 Resp: 63774

Ion	Ratio	Lower	Upper
83	100		
55	77.0	64.6	96.8
98	44.9	37.7	56.5



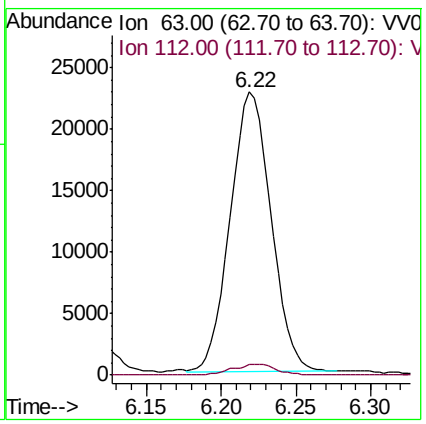


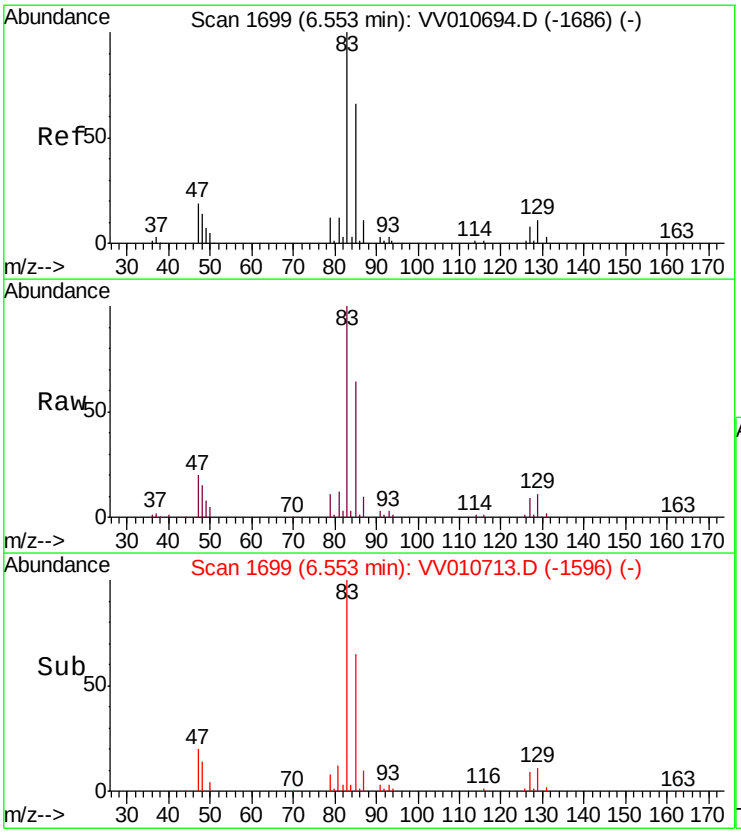
#40
1,2-Dichloropropane
Concen: 25.188 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 63 Resp: 43475

Ion	Ratio	Lower	Upper
63	100		
112	4.0	3.4	5.2

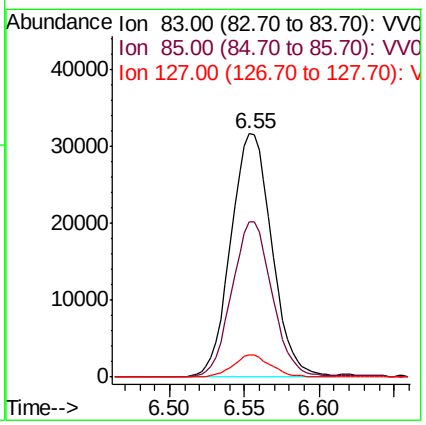


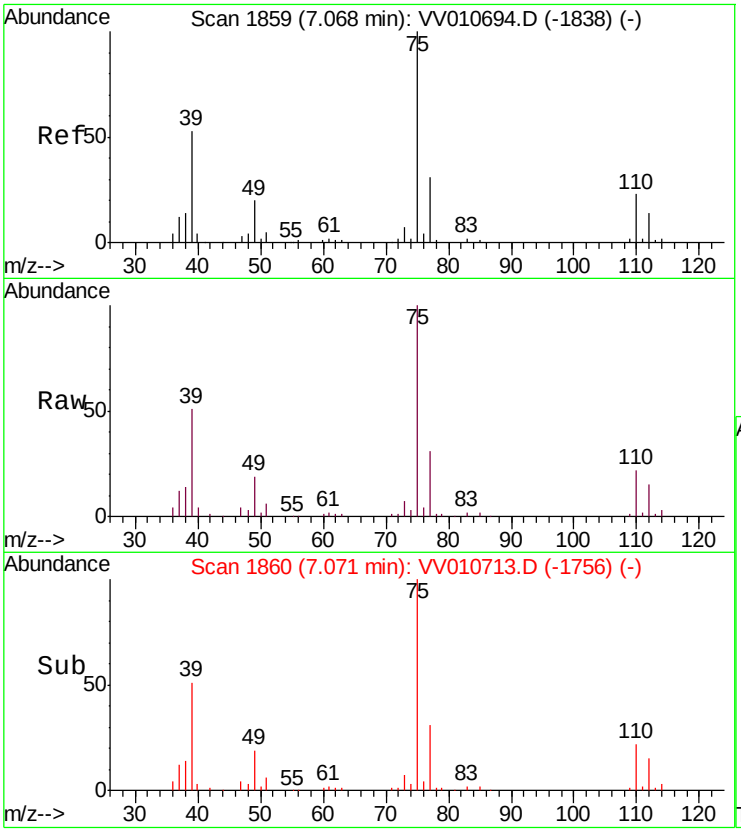


#41
Bromodichloromethane
Concen: 25.555 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 83 Resp: 60608

Ion	Ratio	Lower	Upper
83	100		
85	63.6	43.5	80.7
127	9.2	6.2	9.4



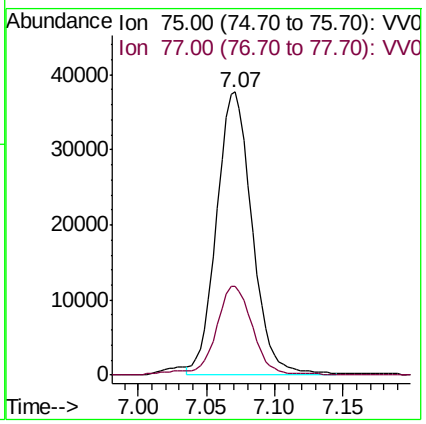


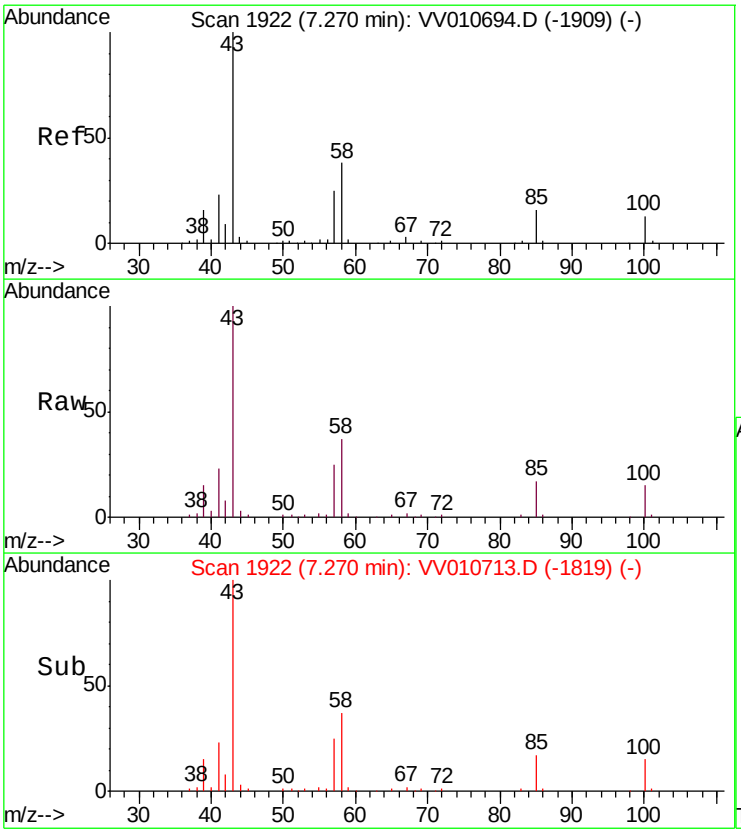
#42
cis-1,3-Dichloropropene
Concen: 25.080 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument : MSVOA_V
ClientSampleId : VSTD02587

Tgt Ion: 75 Resp: 68471

Ion	Ratio	Lower	Upper
75	100		
77	31.4	22.3	41.3

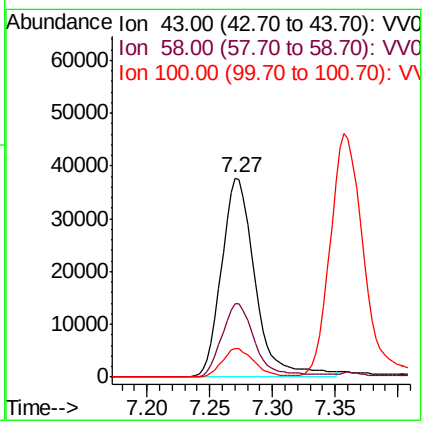


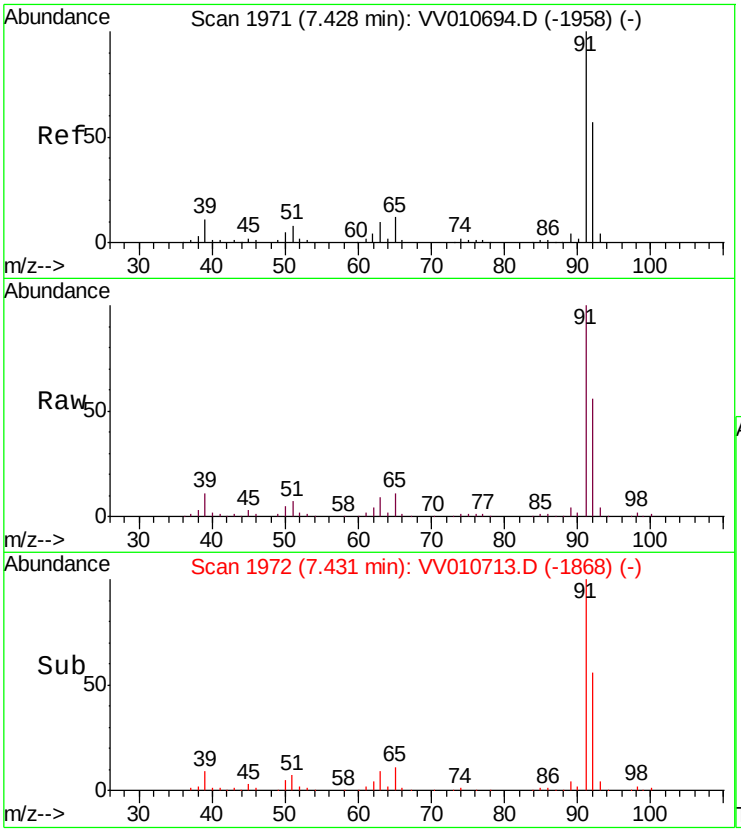


#43
4-Methyl-2-pentanone
Concen: 48.644 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 43 Resp: 70675

Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.1	42.1
100	13.6	11.0	16.6



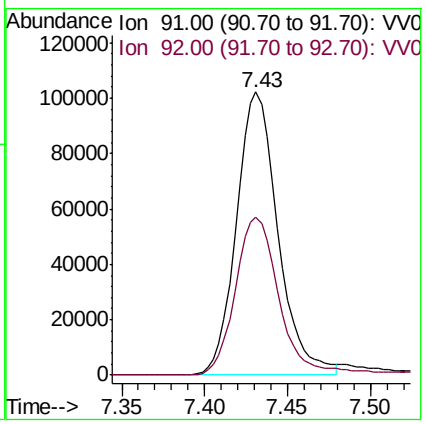


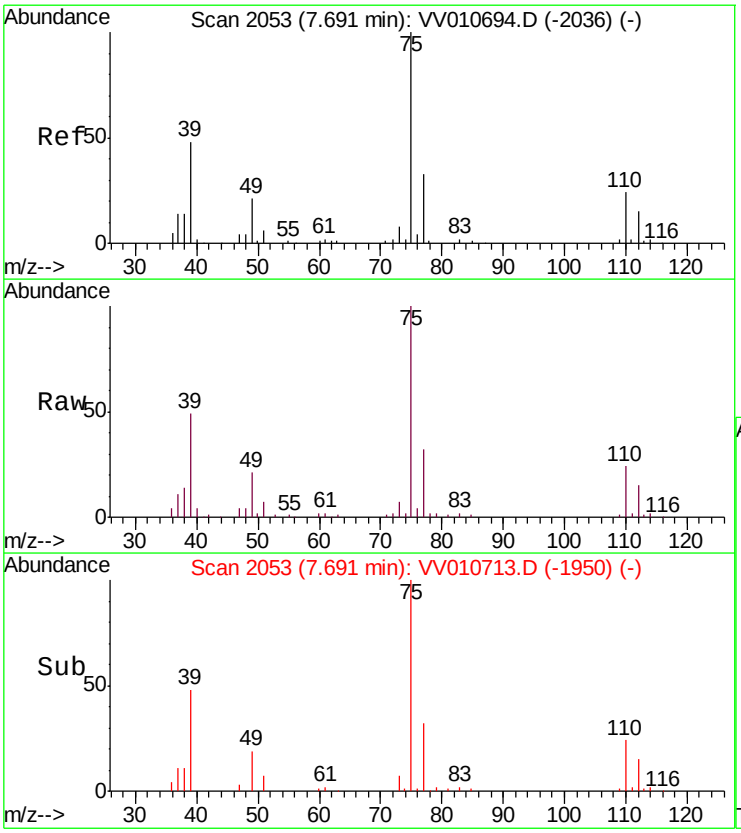
#44
Toluene
Concen: 24.222 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 91 Resp: 178496

Ion	Ratio	Lower	Upper
91	100		
92	55.7	40.1	74.5

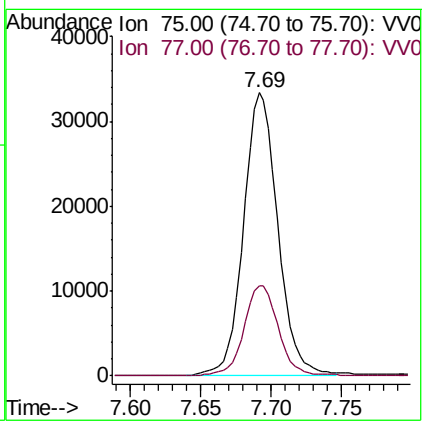


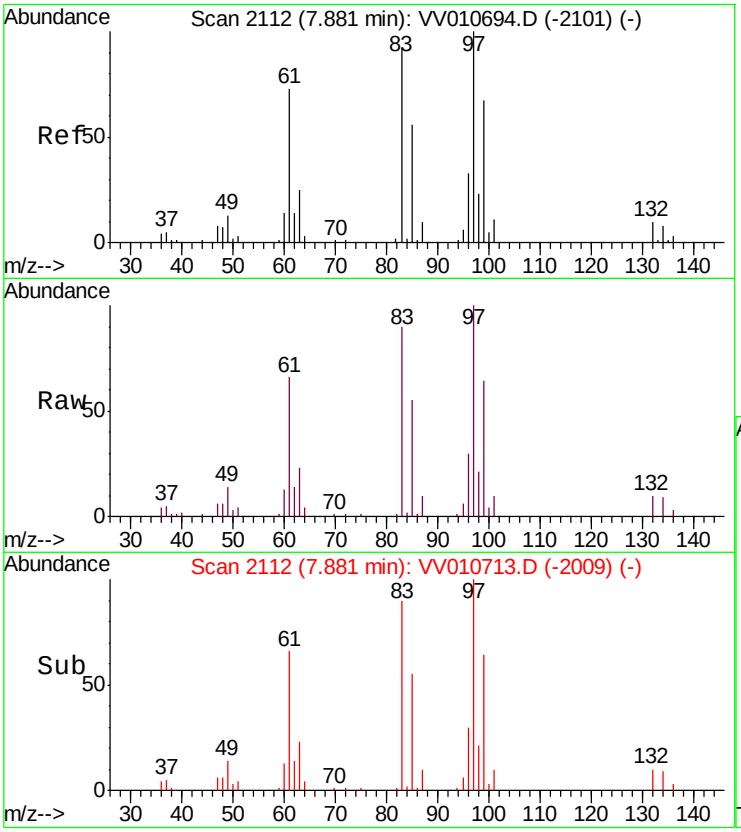


#45
trans-1,3-Dichloropropene
Concen: 24.821 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 75 Resp: 57061

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.3	41.3



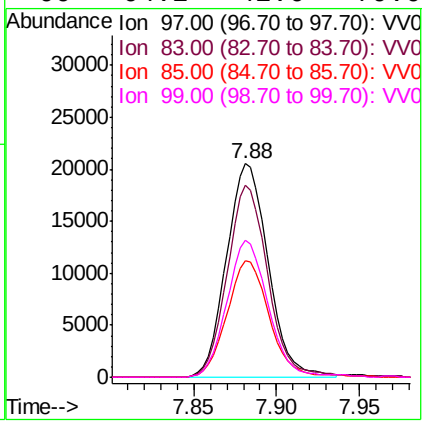


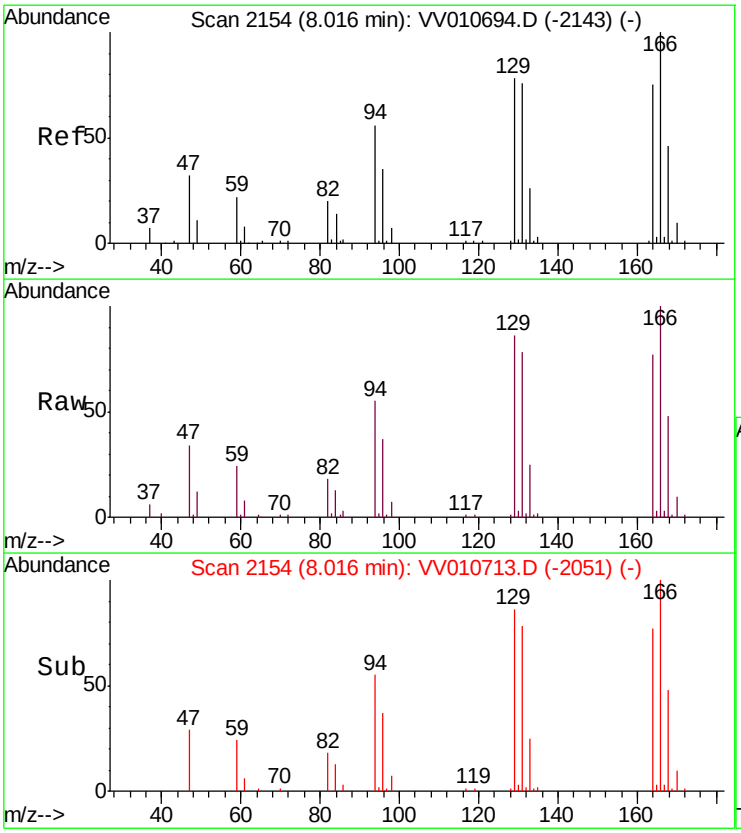
#46
1,1,2-Trichloroethane
Concen: 25.337 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument : MSVOA_V
ClientSampleId : VSTD02587

Tgt Ion: 97 Resp: 35927

Ion	Ratio	Lower	Upper
97	100		
83	89.8	62.8	116.6
85	54.7	40.2	74.6
99	64.2	42.6	79.0

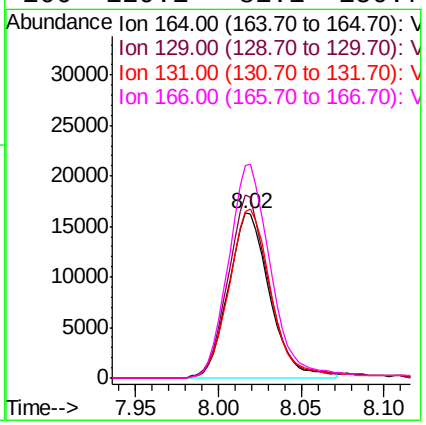


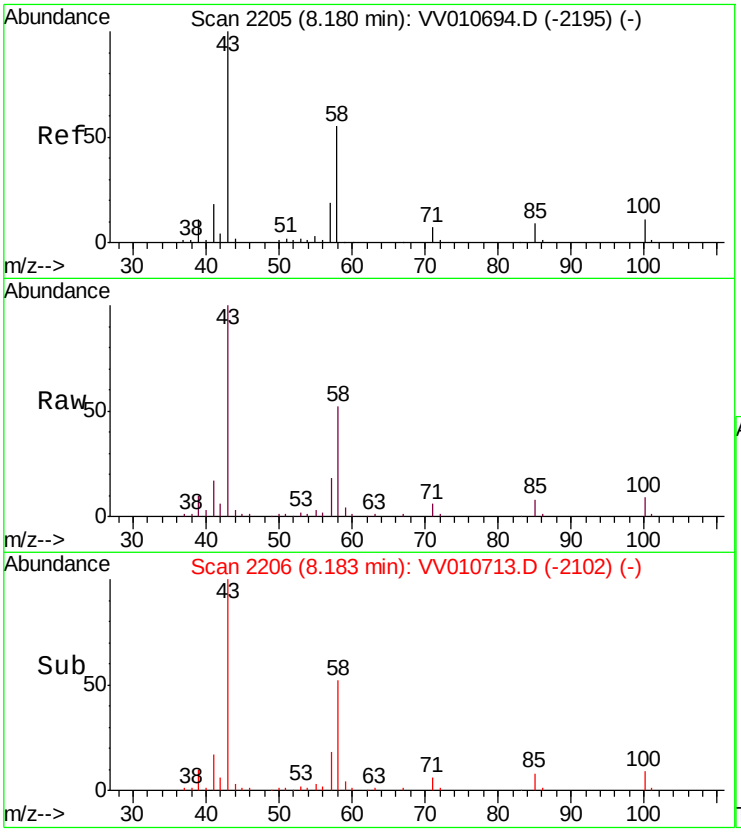


#47
Tetrachloroethene
Concen: 21.502 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:164 Resp: 28302

Ion	Ratio	Lower	Upper
164	100		
129	111.5	69.3	128.7
131	101.0	67.3	125.1
166	129.1	81.1	150.7



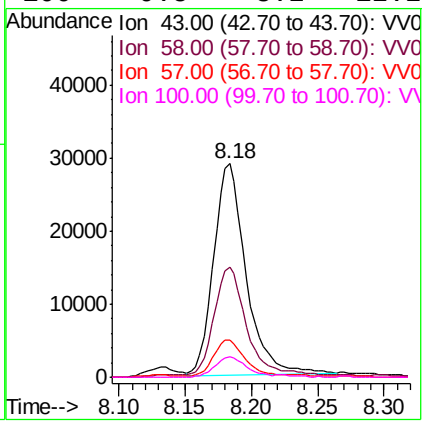


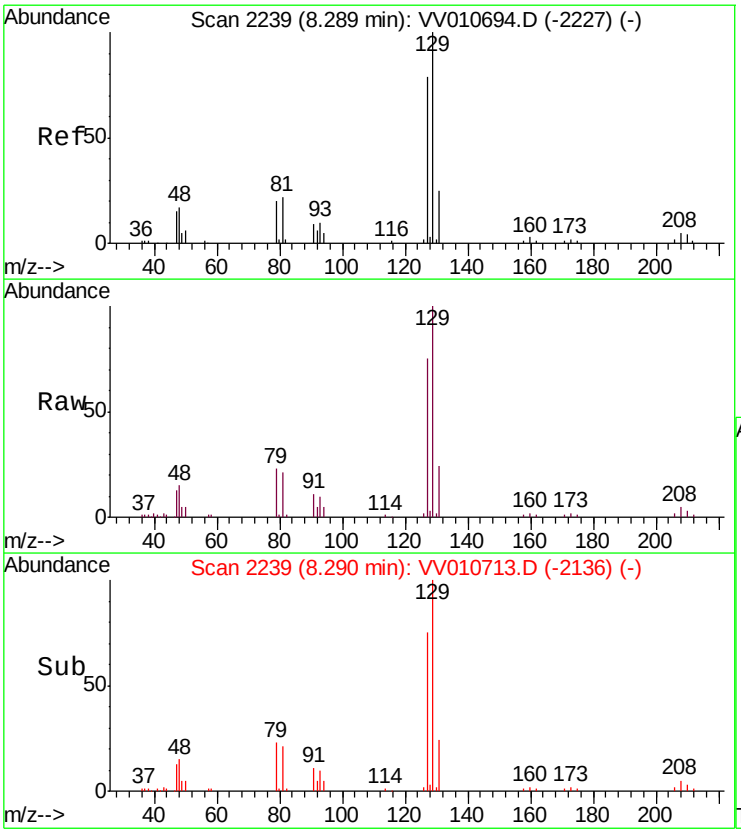
#49
2-Hexanone
Concen: 44.489 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument : MSVOA_V
ClientSampleId : VSTD02587

Tgt Ion: 43 Resp: 49144

Ion	Ratio	Lower	Upper
43	100		
58	51.8	39.4	59.0
57	16.9	14.2	21.4
100	9.5	8.2	12.2

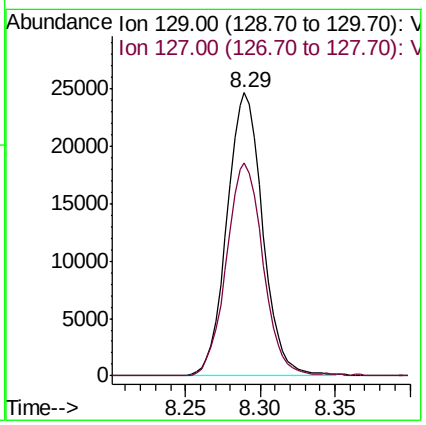


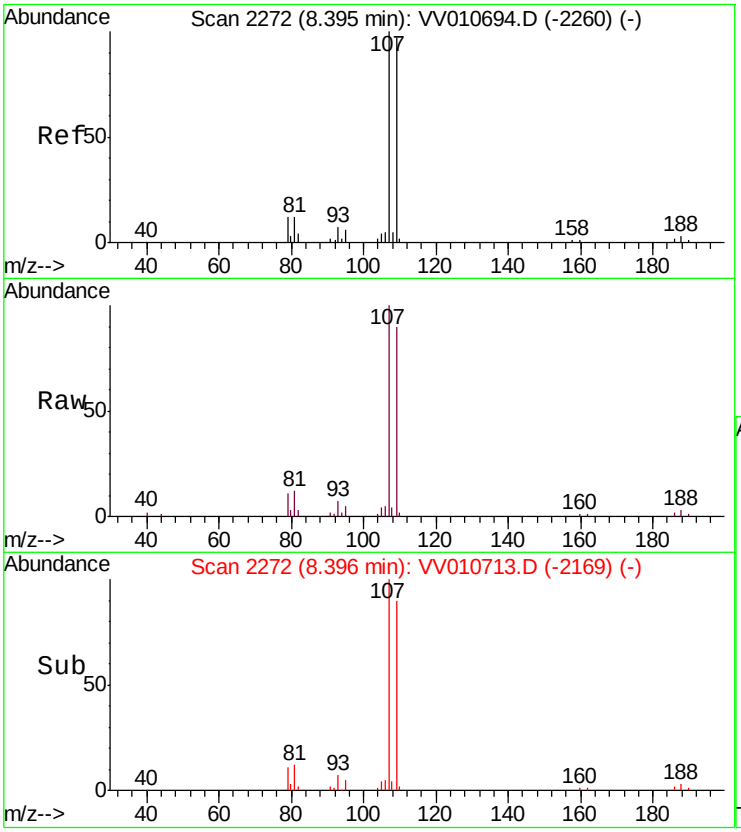


#50
Dibromochloromethane
Concen: 25.186 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:129 Resp: 41068

Ion	Ratio	Lower	Upper
129	100		
127	75.1	54.5	101.1



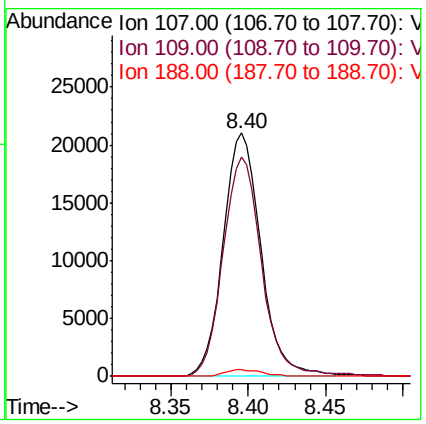


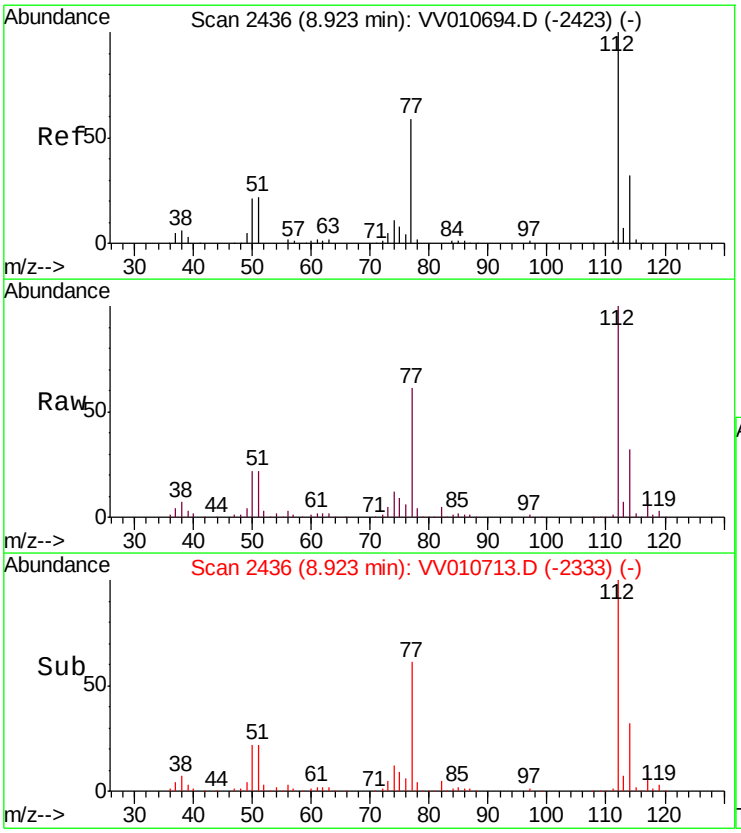
#51
1,2-Dibromoethane
Concen: 25.975 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion:107 Resp: 35574

Ion	Ratio	Lower	Upper
107	100		
109	89.9	66.6	123.6
188	2.7	2.7	4.1

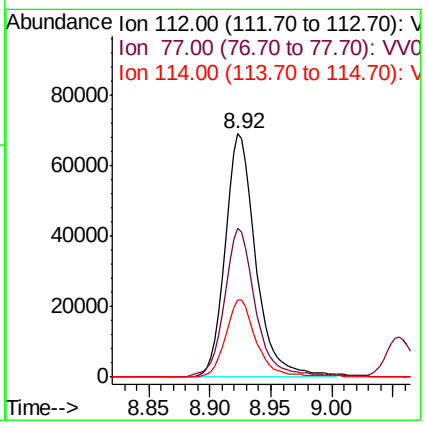


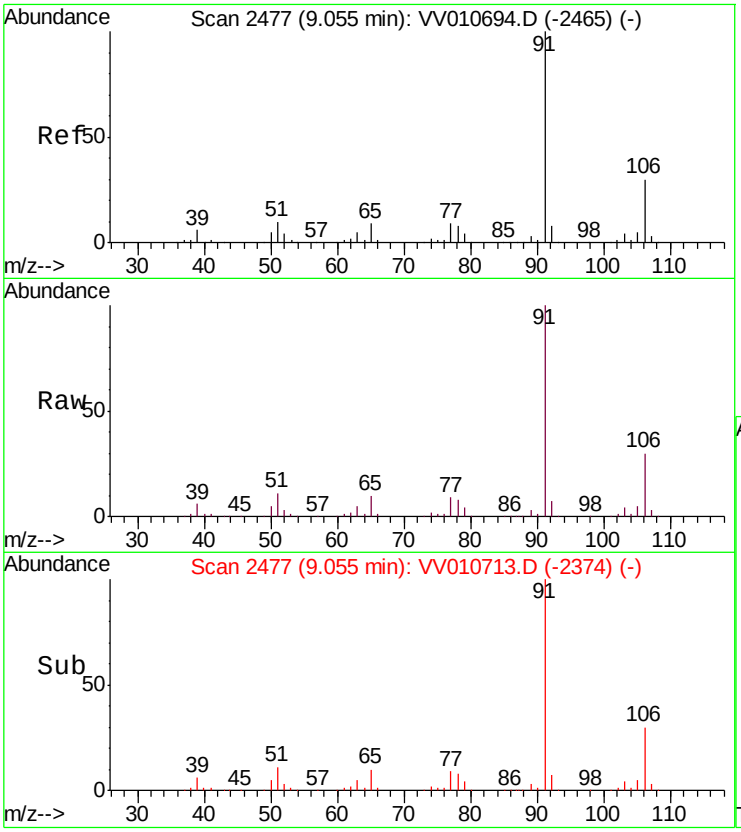


#52
Chlorobenzene
Concen: 25.244 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:112 Resp: 121536

Ion	Ratio	Lower	Upper
112	100		
77	61.3	47.7	71.5
114	31.8	22.1	41.1



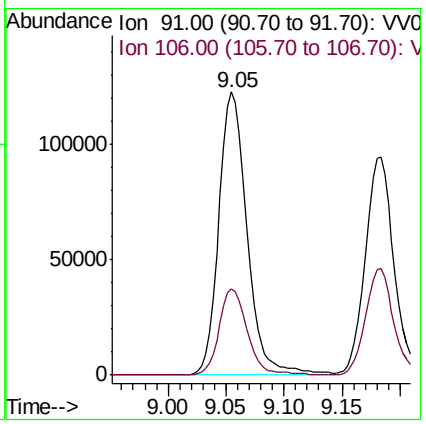


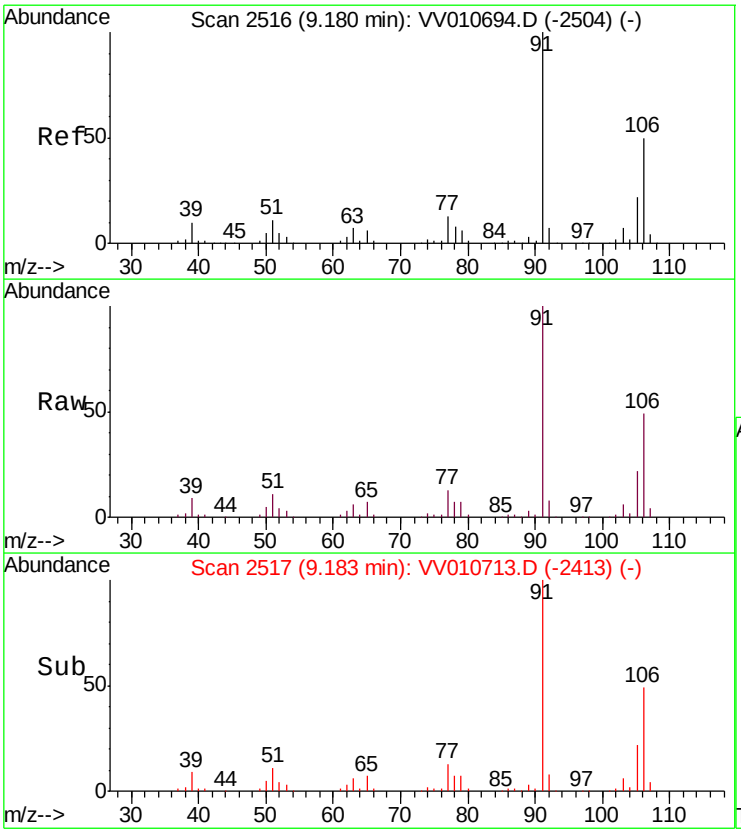
#53
Ethylbenzene
Concen: 24.395 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 91 Resp: 208444

Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.8	40.6

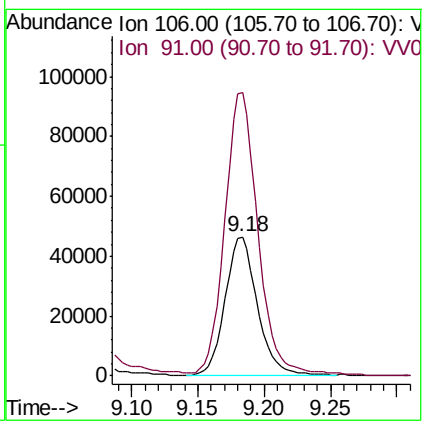


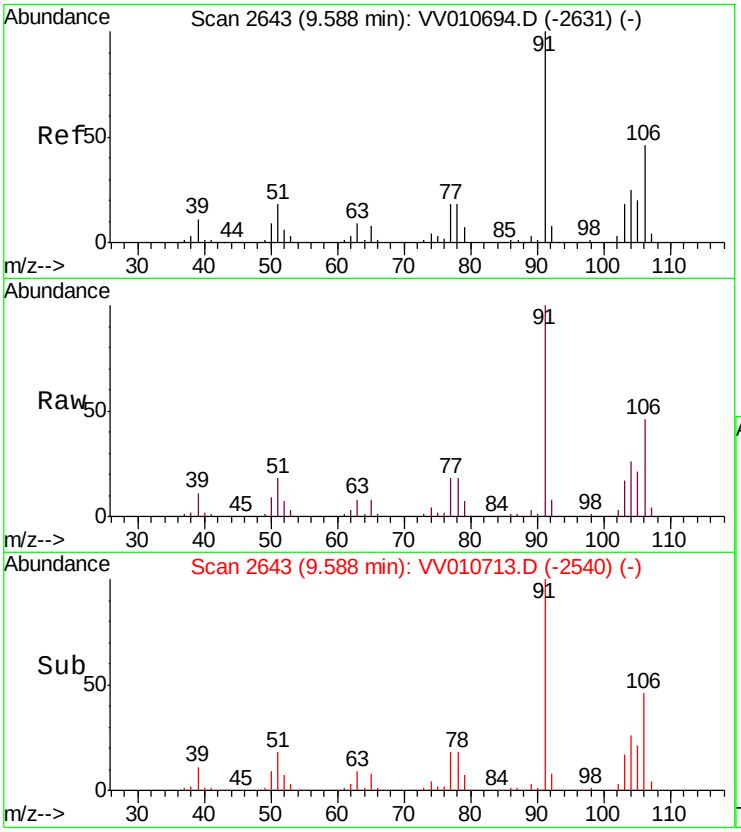


#54
m,p-Xylene
Concen: 24.325 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:106 Resp: 77652

Ion	Ratio	Lower	Upper
106	100		
91	203.8	145.4	270.0



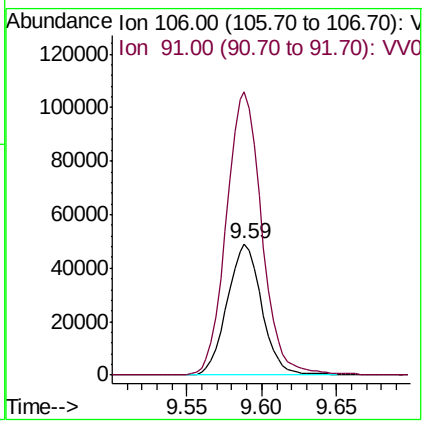


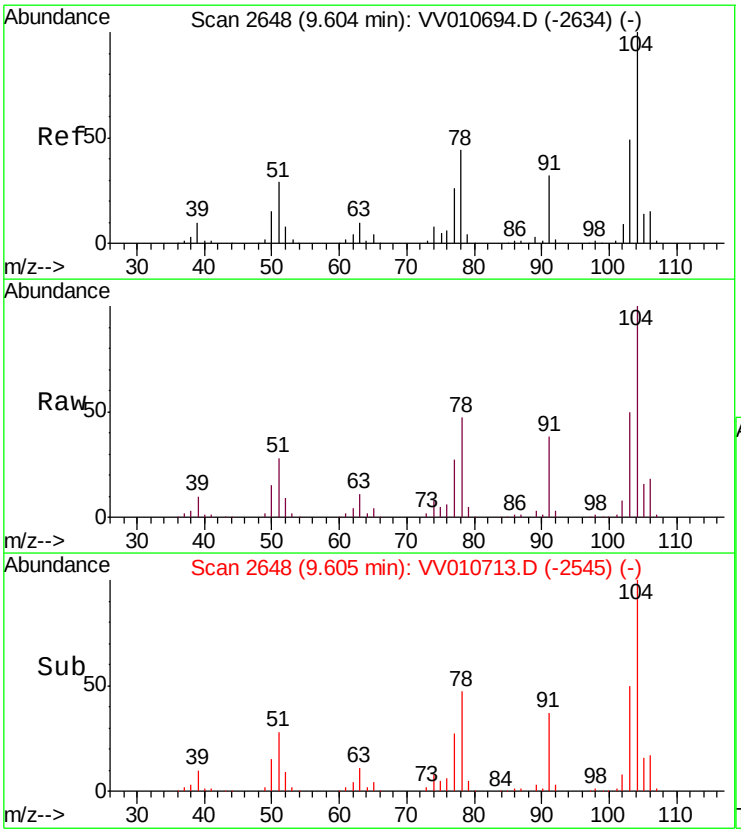
#55
o-xylene
Concen: 25.057 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion:106 Resp: 79341

Ion	Ratio	Lower	Upper
106	100		
91	215.9	151.0	280.4

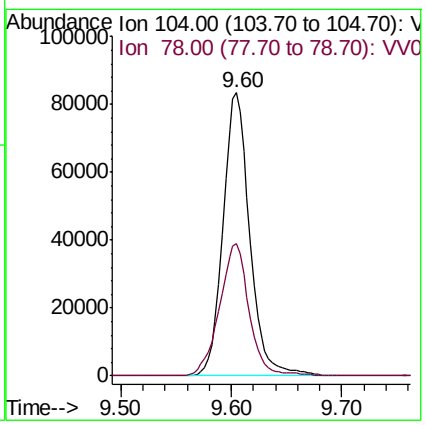


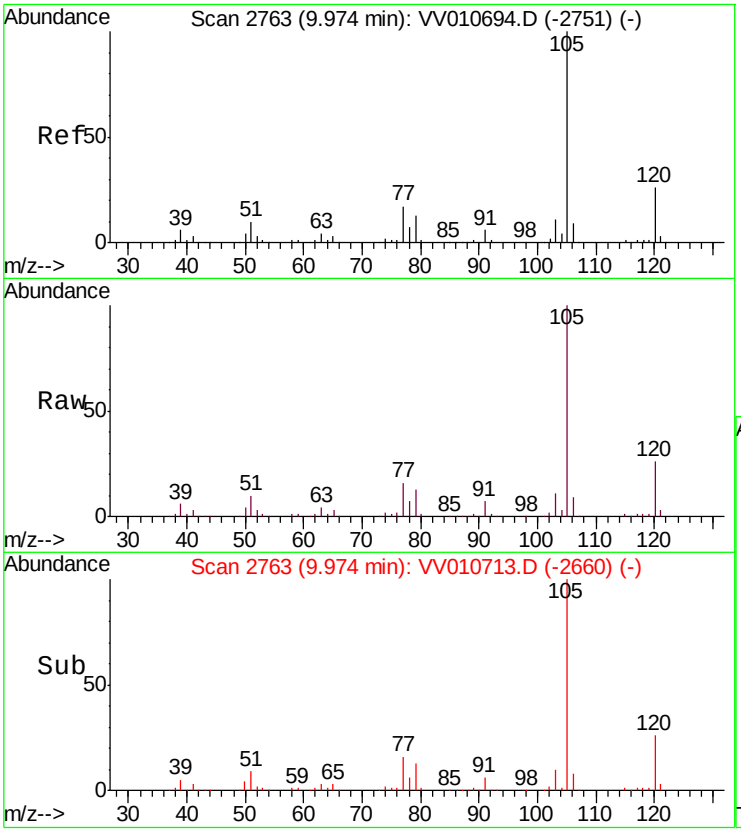


#56
Styrene
Concen: 26.211 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:104 Resp: 140376

Ion	Ratio	Lower	Upper
104	100		
78	46.6	32.2	59.8



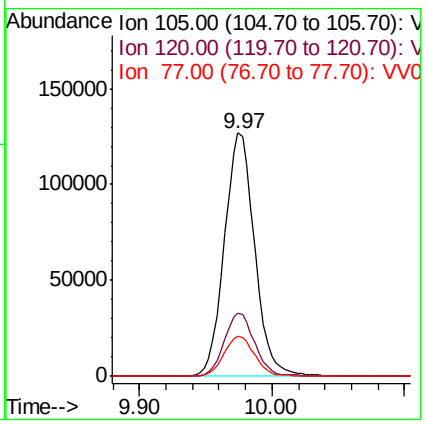


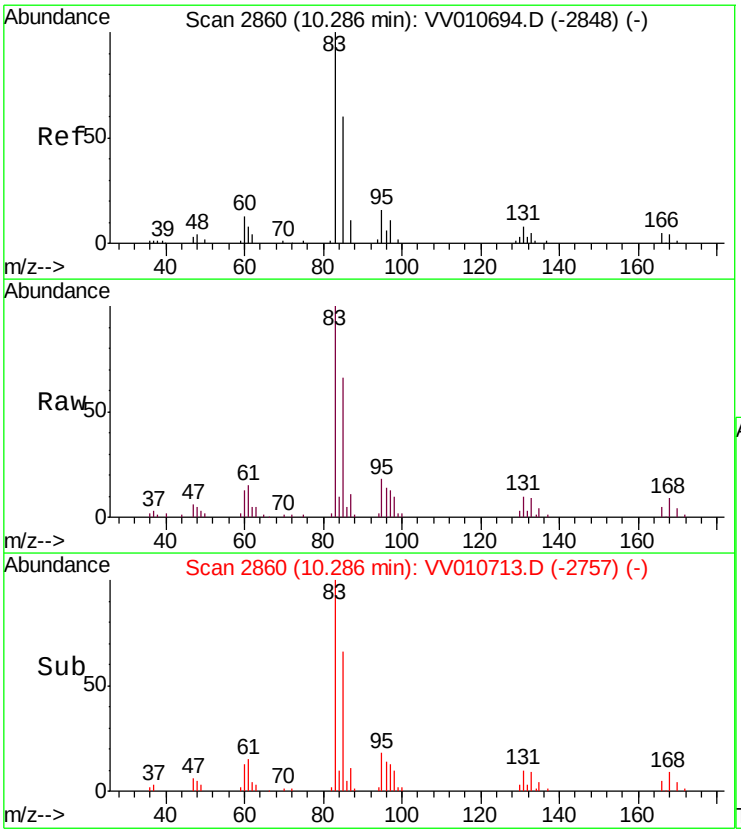
#57
Isopropylbenzene
Concen: 23.833 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument : MSVOA_V
ClientSampleId : VSTD02587

Tgt Ion:105 Resp: 201344

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.9	31.3
77	16.7	12.8	19.2

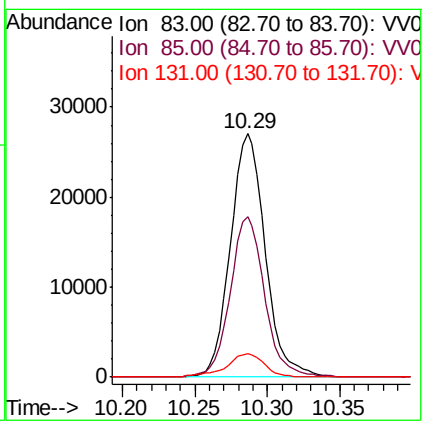


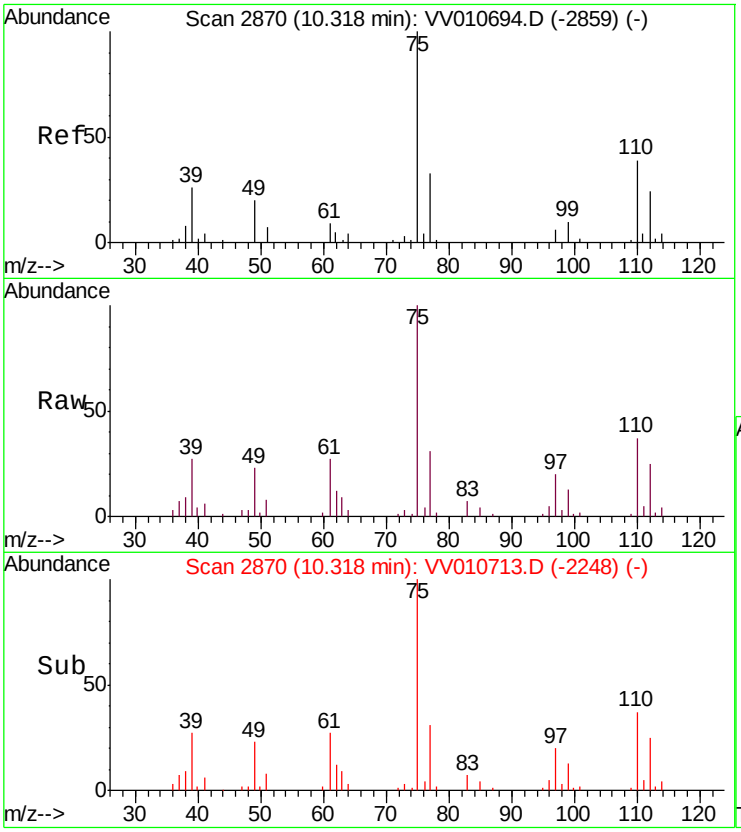


#58
1,1,2,2-Tetrachloroethane
Concen: 24.240 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 83 Resp: 45031

Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.6	82.8
131	9.6	7.9	11.9



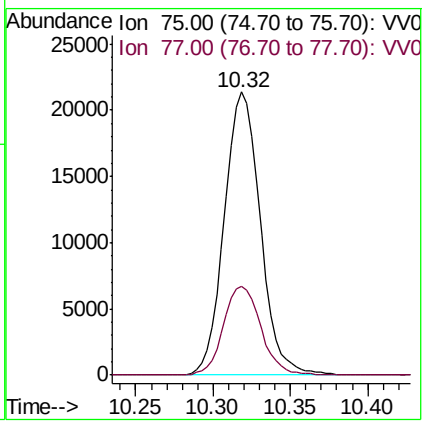


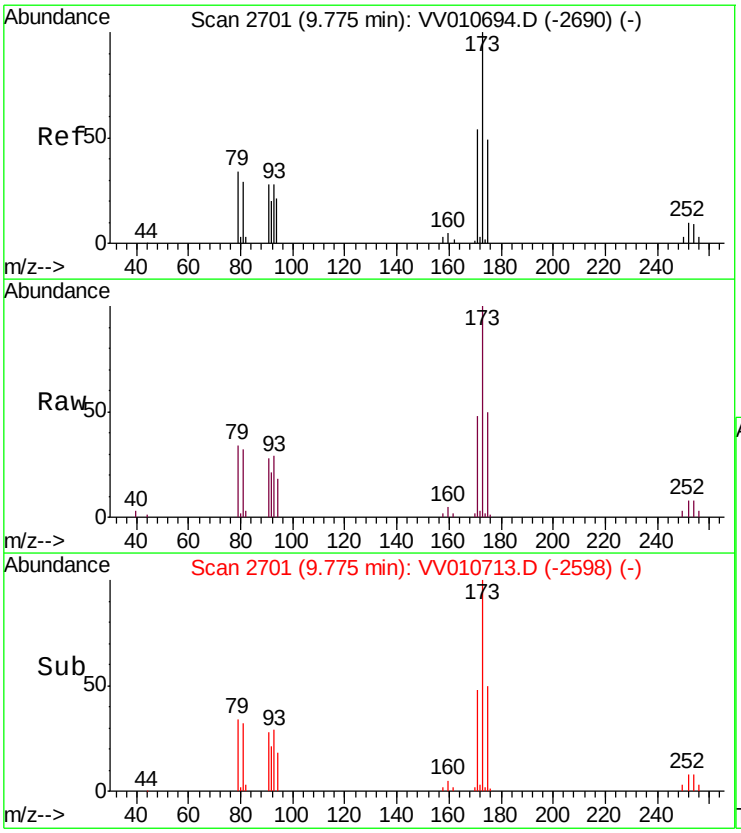
#59
1,2,3-Trichloropropane
Concen: 23.846 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion: 75 Resp: 34574

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.6

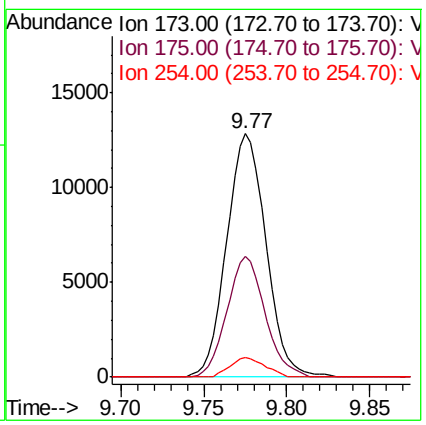


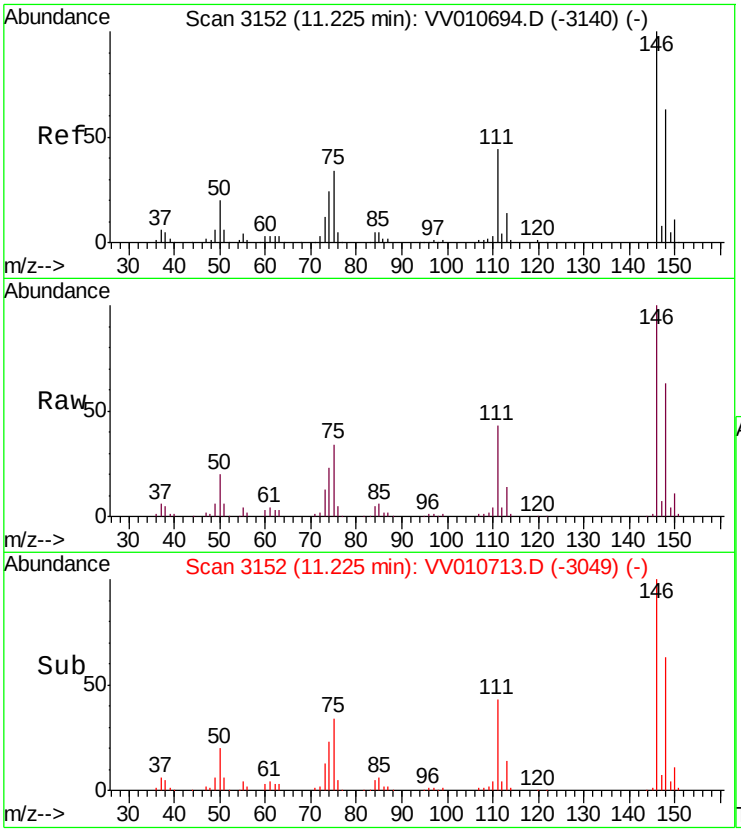


#62
Bromoform
Concen: 23.719 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:173 Resp: 21166

Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.6	58.0
254	7.2	6.5	9.7



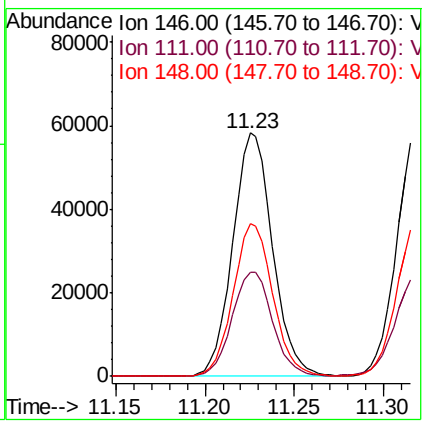


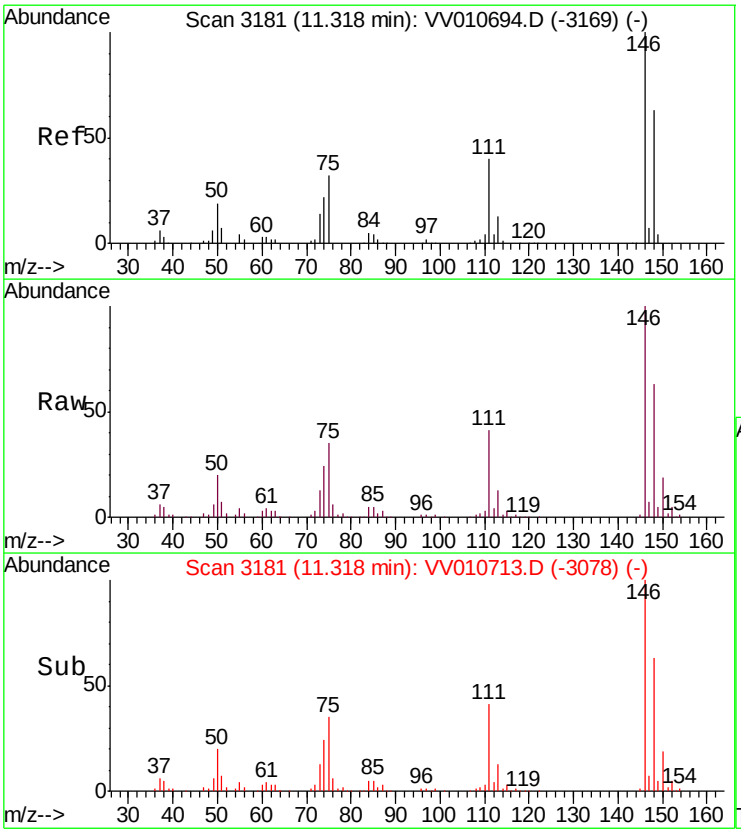
#63
1,3-Dichlorobenzene
Concen: 24.929 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion:146 Resp: 90934

Ion	Ratio	Lower	Upper
146	100		
111	42.8	30.6	56.8
148	62.5	44.9	83.5

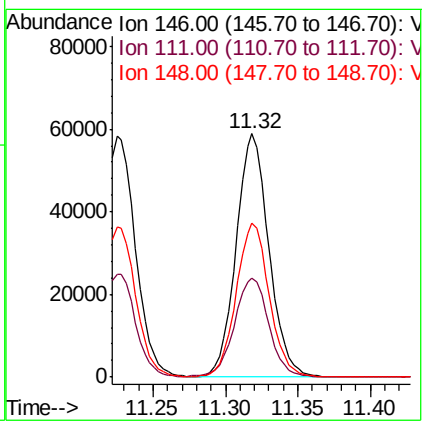


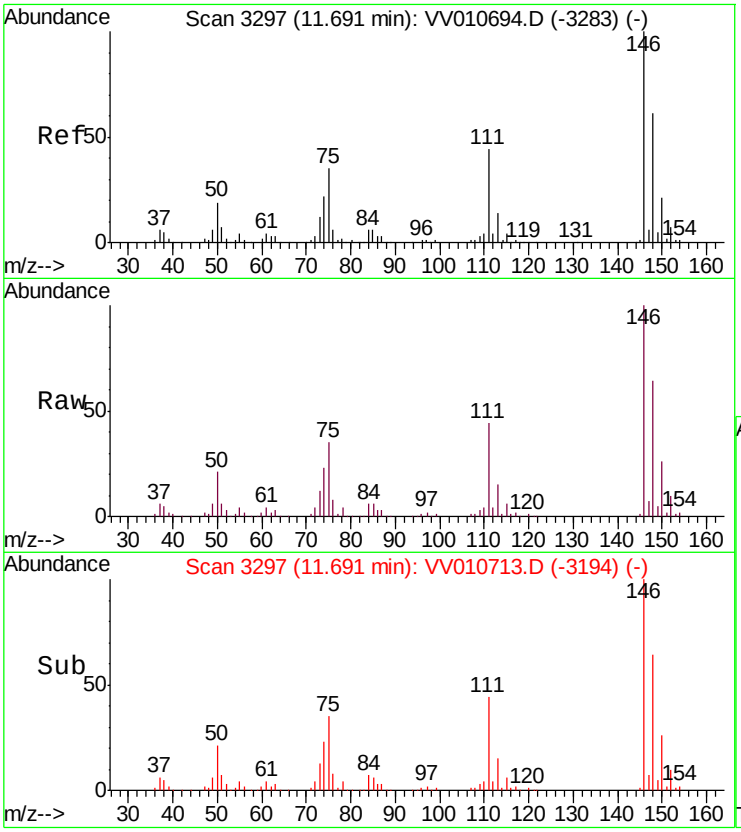


#64
1,4-Dichlorobenzene
Concen: 24.638 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:146 Resp: 91805

Ion	Ratio	Lower	Upper
146	100		
111	40.6	27.4	50.8
148	63.1	45.1	83.9



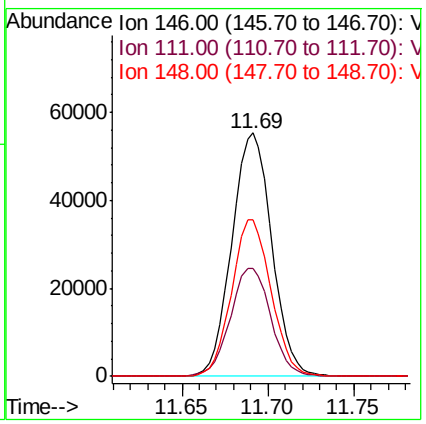


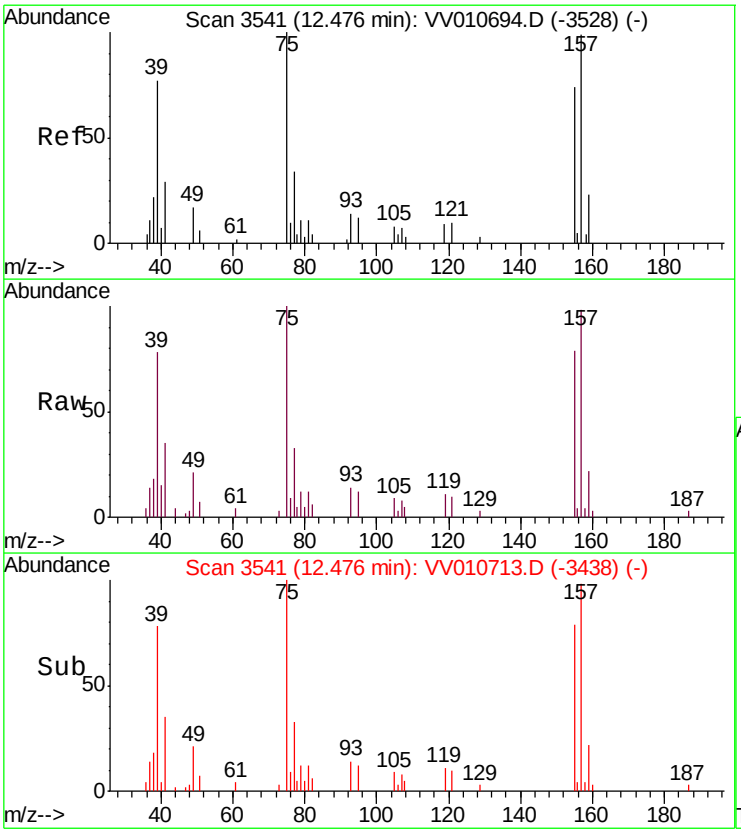
#65
1,2-Dichlorobenzene
Concen: 25.195 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion:146 Resp: 89265

Ion	Ratio	Lower	Upper
146	100		
111	44.4	37.0	55.4
148	64.2	51.3	76.9

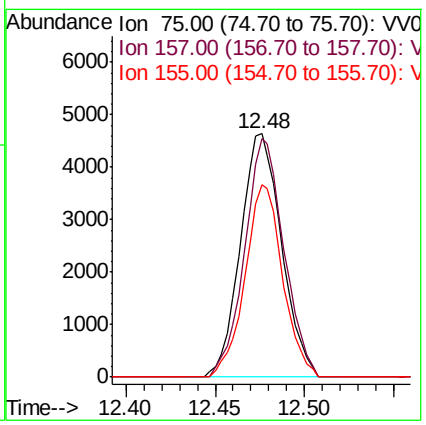


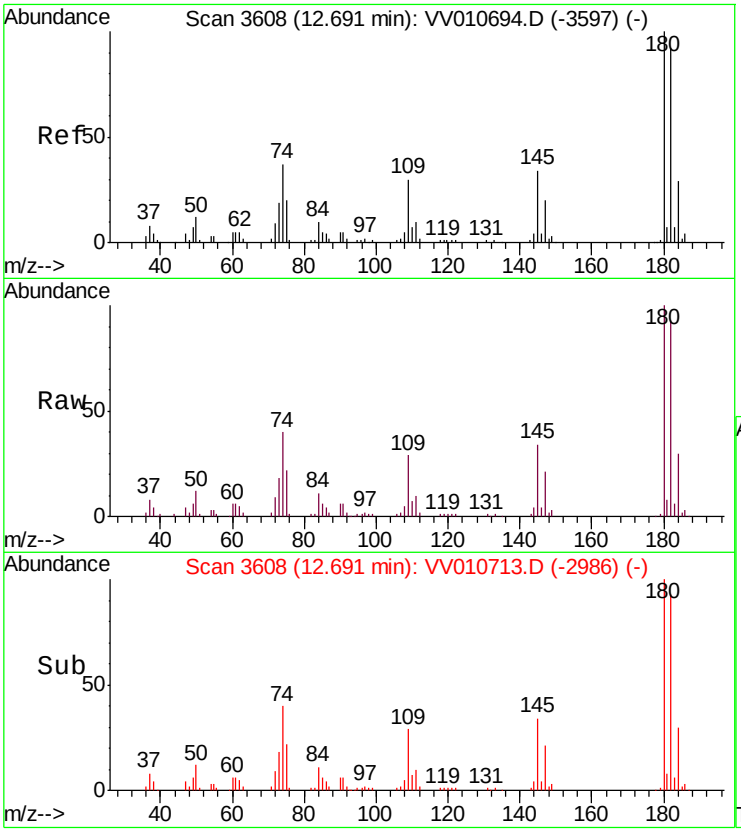


#66
1,2-Dibromo-3-chloropropane
Concen: 22.631 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion: 75 Resp: 7440

Ion	Ratio	Lower	Upper
75	100		
157	98.0	76.9	115.3
155	79.0	57.9	86.9



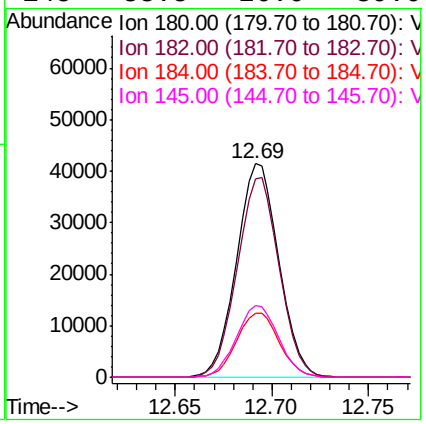


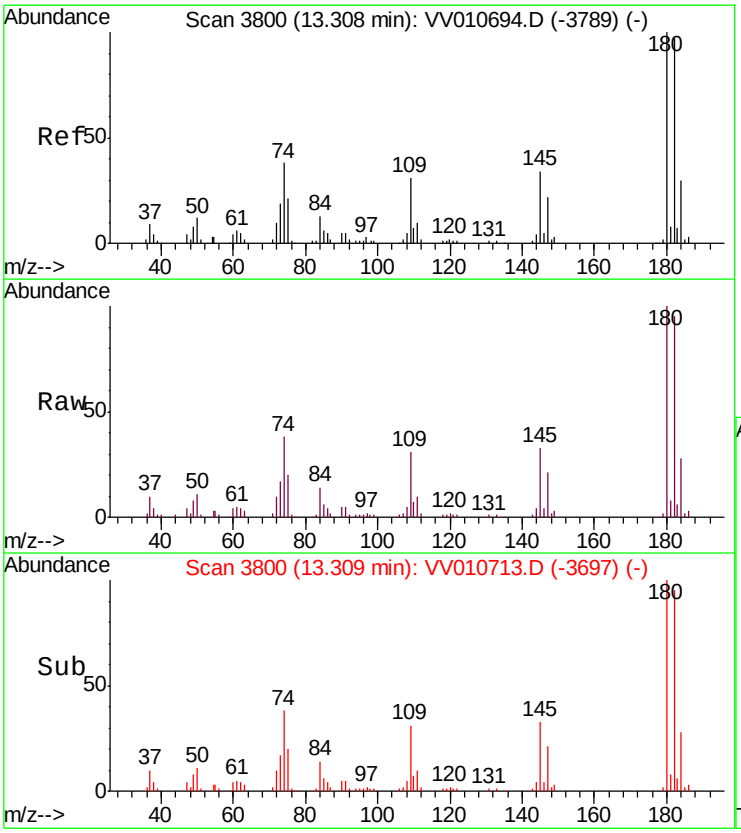
#67
1,3,5-Trichlorobenzene
Concen: 23.888 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument : MSVOA_V
ClientSampleId : VSTD02587

Tgt Ion:180 Resp: 62769

Ion	Ratio	Lower	Upper
180	100		
182	93.2	74.7	112.1
184	30.5	23.7	35.5
145	33.5	26.0	39.0

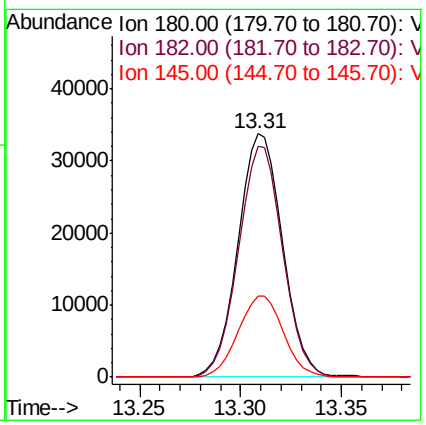


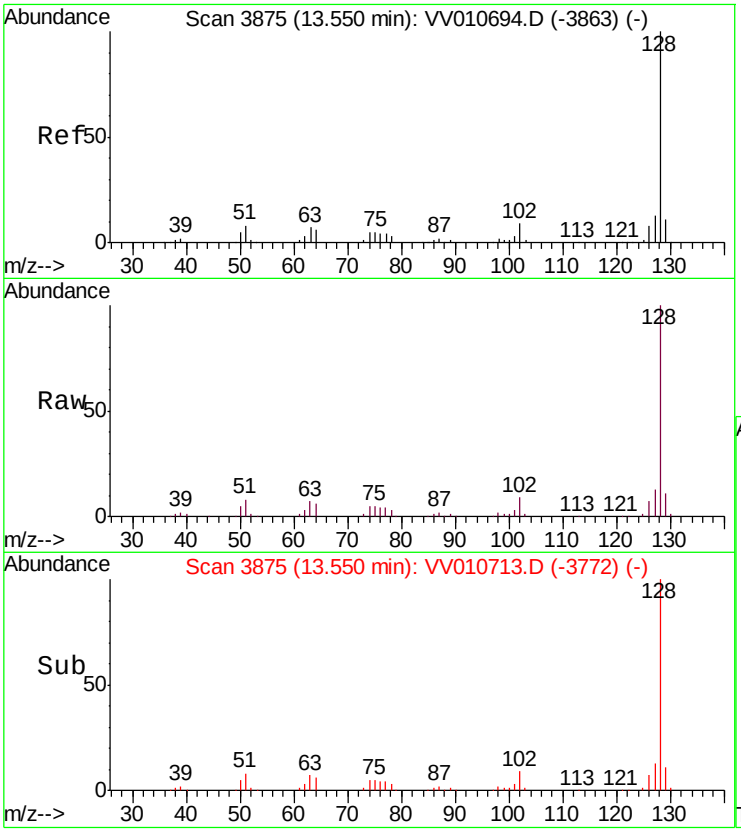


#68
1,2,4-trichlorobenzene
Concen: 25.650 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:180 Resp: 52151

Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	34.0	28.3	42.5



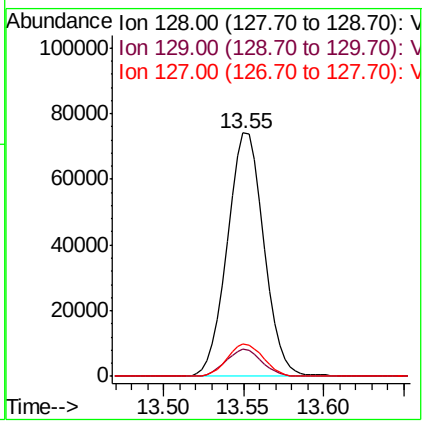


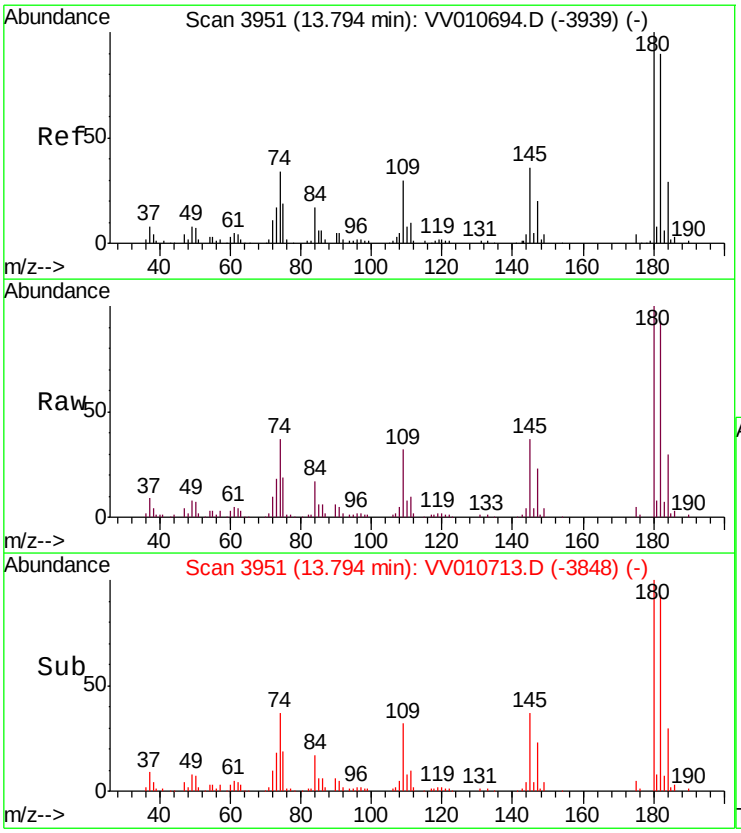
#69
Naphthalene
Concen: 26.485 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD02587

Tgt Ion:128 Resp: 115261

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.1	10.8	16.2





#70
1,2,3-Trichlorobenzene
Concen: 26.438 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV010713.D
Acq: 08 May 2019 02:22

Tgt Ion:180 Resp: 50421

Ion	Ratio	Lower	Upper
180	100		
182	92.4	74.3	111.5
145	35.2	28.5	42.7