Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010889.D
Acq On : 15 May 2019 06:37
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Quant Time: May 15 08:59:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151959	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149653	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	68836	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	41900	21.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.56%			
7) Chloroethane-d5	1.55	69	30620	24.27	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.08%			
10) 1,1-Dichloroethene-d2	2.11	63	79993	21.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.32%			
20) 2-Butanone-d5	3.93	46	31634	51.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.88%			
24) Chloroform-d	4.39	84	91102	20.77	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.08%			
26) 1,2-Dichloroethane-d4	5.07	65	59651	23.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%			
29) Benzene-d6	5.09	84	204101	24.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.56%			
33) 1,2-Dichloropropane-d6	6.11	67	65604	24.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.28%			
37) Toluene-d8	7.35	98	185876	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.40%			
38) trans-1,3-Dichloropropene-	7.66	79	26527	23.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.04%			
39) 2-Hexanone-d5	8.13	63	21888	43.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.42%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59205	24.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.60%			
61) 1,2-Dichlorobenzene-d4	11.67	152	64047	22.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	37533	22.263	ug/L	97
3) Chloromethane	1.24	50	46049	22.807	ug/L	98
5) Vinyl chloride	1.31	62	48248	22.195	ug/L	95
6) Bromomethane	1.50	94	14462	28.663	ug/L	100
8) Chloroethane	1.57	64	30417	27.054	ug/L	95
9) Trichlorofluoromethane	1.74	101	70407	22.626	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.12	101	42605	22.699	ug/L	98
12) 1,1-Dichloroethene	2.12	96	40633	23.204	ug/L	97
13) Acetone	2.18	43	28939	46.645	ug/L	95
14) Carbon disulfide	2.30	76	115131	21.827	ug/L	99
15) Methyl Acetate	2.45	43	31868	24.662	ug/L	99
16) Methylene chloride	2.52	84	59126	24.110	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	152249	26.628	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	49719	23.835	ug/L	97
19) 1,1-Dichloroethane	3.22	63	98863	24.480	ug/L	98
21) 2-Butanone	4.01	43	41956	52.391	ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	61597	25.233	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010889.D
Acq On : 15 May 2019 06:37
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Quant Time: May 15 08:59:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.29	128	28867	25.386	ug/L		95
25) Chloroform	4.42	83	120339	27.470	ug/L		100
27) 1,2-Dichloroethane	5.17	62	76682	25.087	ug/L		100
30) Cyclohexane	4.71	56	67964	23.622	ug/L		99
31) 1,1,1-Trichloroethane	4.65	97	81092	24.949	ug/L		98
32) Carbon tetrachloride	4.87	117	68109	24.555	ug/L		99
34) Benzene	5.14	78	225425	25.845	ug/L		100
35) Trichloroethene	5.95	95	57729	25.536	ug/L		99
36) Methylcyclohexane	6.17	83	76317	24.259	ug/L		99
40) 1,2-Dichloropropane	6.22	63	62787	26.429	ug/L		99
41) Bromodichloromethane	6.55	83	80160	26.313	ug/L		98
42) cis-1,3-Dichloropropene	7.06	75	88389	25.502	ug/L		99
43) 4-Methyl-2-pentanone	7.27	43	88430	52.707	ug/L		95
44) Toluene	7.43	91	243363	25.100	ug/L		98
45) trans-1,3-Dichloropropene	7.69	75	74779	25.528	ug/L		98
46) 1,1,2-Trichloroethane	7.88	97	52378	27.376	ug/L		97
47) Tetrachloroethene	8.01	164	40393	24.181	ug/L		96
49) 2-Hexanone	8.18	43	61193	49.384	ug/L		97
50) Dibromochloromethane	8.29	129	58920	27.685	ug/L		97
51) 1,2-Dibromoethane	8.39	107	47788	26.512	ug/L		100
52) Chlorobenzene	8.92	112	162683	24.636	ug/L		100
53) Ethylbenzene	9.05	91	260661	24.540	ug/L		99
54) m,p-Xylene	9.18	106	99795	23.845	ug/L		99
55) o-xylene	9.59	106	100490	24.439	ug/L		98
56) Styrene	9.60	104	175067	24.830	ug/L		98
57) Isopropylbenzene	9.97	105	250489	24.337	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.28	83	62509	24.738	ug/L		96
59) 1,2,3-Trichloropropane	10.32	75	47156	25.757	ug/L		100
62) Bromoform	9.78	173	31254	29.088	ug/L		99
63) 1,3-Dichlorobenzene	11.23	146	114170	24.005	ug/L		99
64) 1,4-Dichlorobenzene	11.32	146	117233	23.794	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	113727	23.968	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.47	75	9436	26.553	ug/L	#	86
67) 1,3,5-Trichlorobenzene	12.69	180	75624	21.818	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	61824	22.089	ug/L		99
69) Naphthalene	13.55	128	140034	23.885	ug/L		100
70) 1,2,3-Trichlorobenzene	13.79	180	62839	23.590	ug/L		99

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

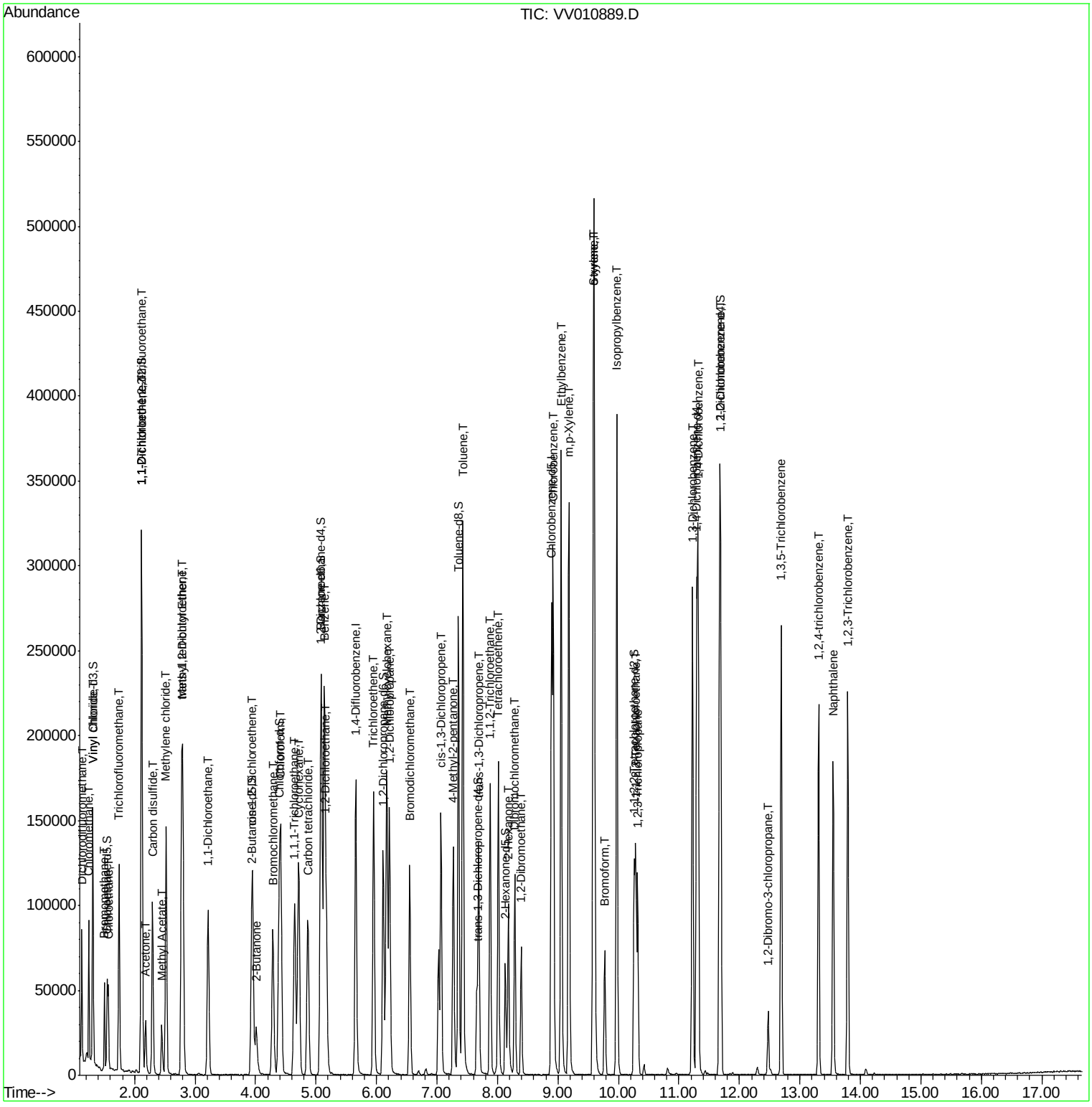
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

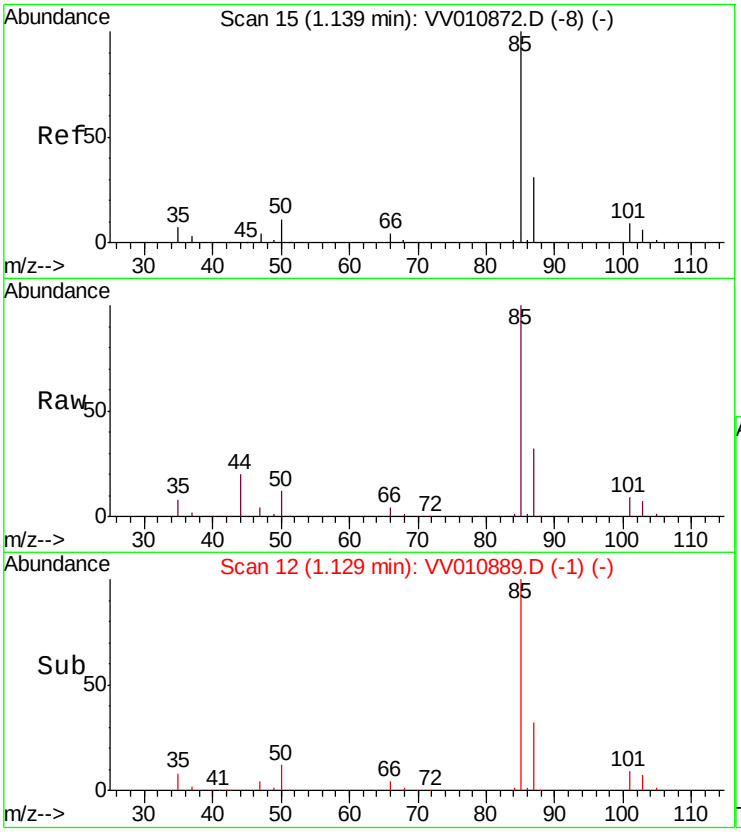
Quantitation Report (Not Reviewed)

Data File : VV010889.D
Acq On : 15 May 2019 06:37
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Quant Time: May 15 08:59:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration



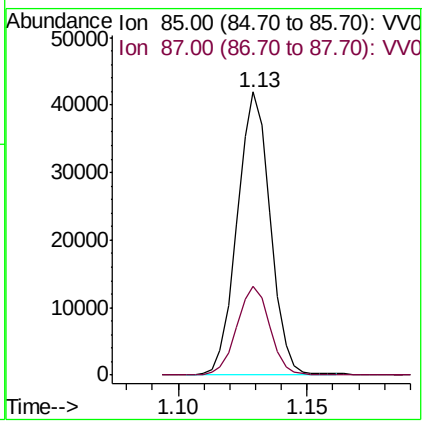


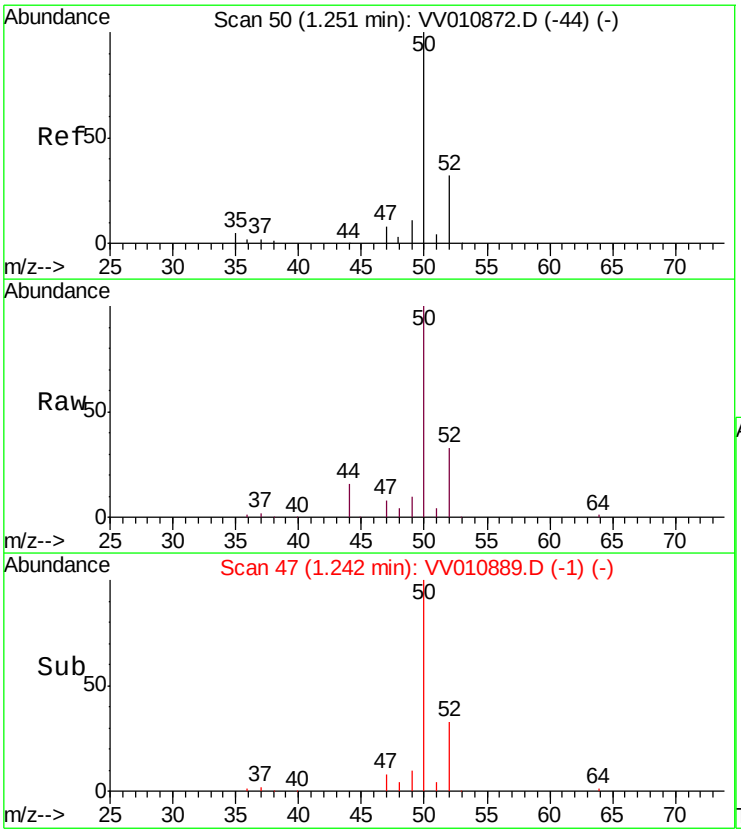
#2
Dichlorodifluoromethane
Concen: 22.263 ug/L
RT: 1.13 min Scan# 12
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 85 Resp: 37533

Ion	Ratio	Lower	Upper
85	100		
87	31.3	23.0	42.6

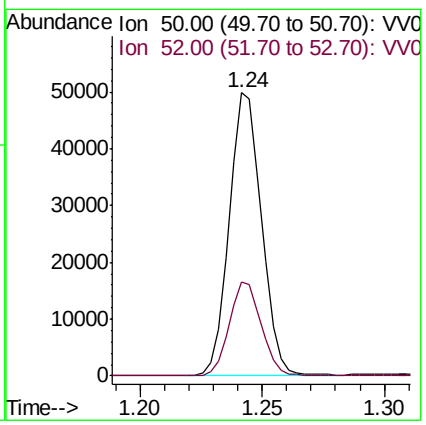


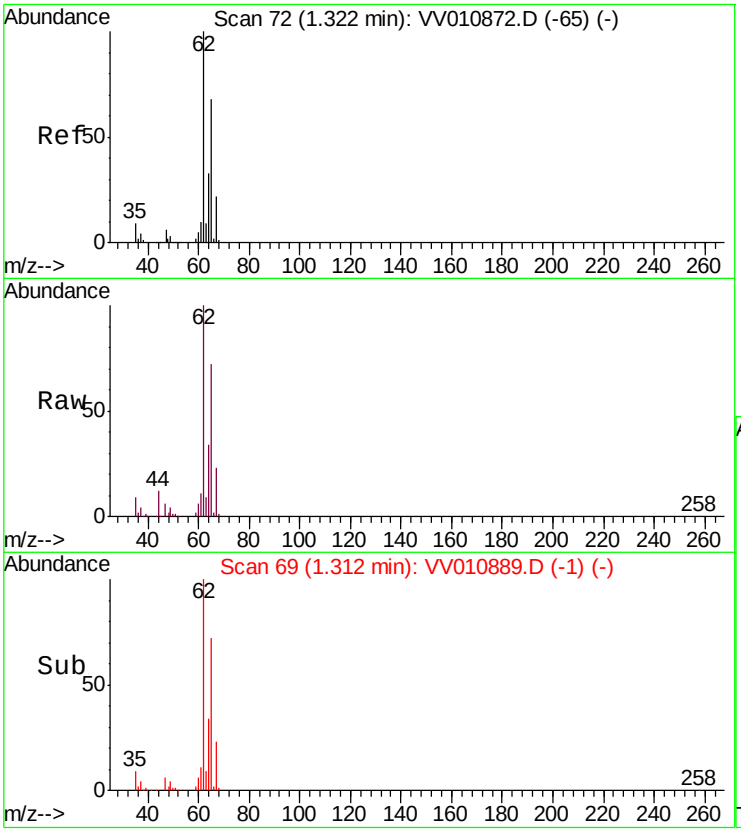


#3
Chloromethane
Concen: 22.807 ug/L
RT: 1.24 min Scan# 47
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 50 Resp: 46049

Ion	Ratio	Lower	Upper
50	100		
52	33.4	22.5	41.7



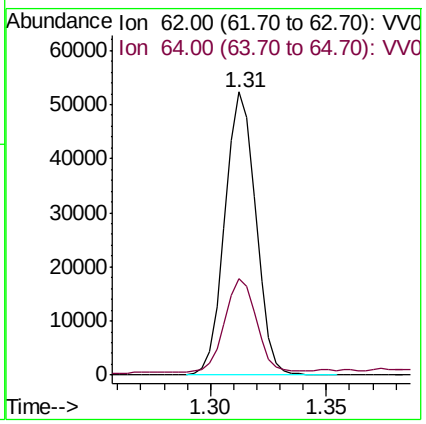


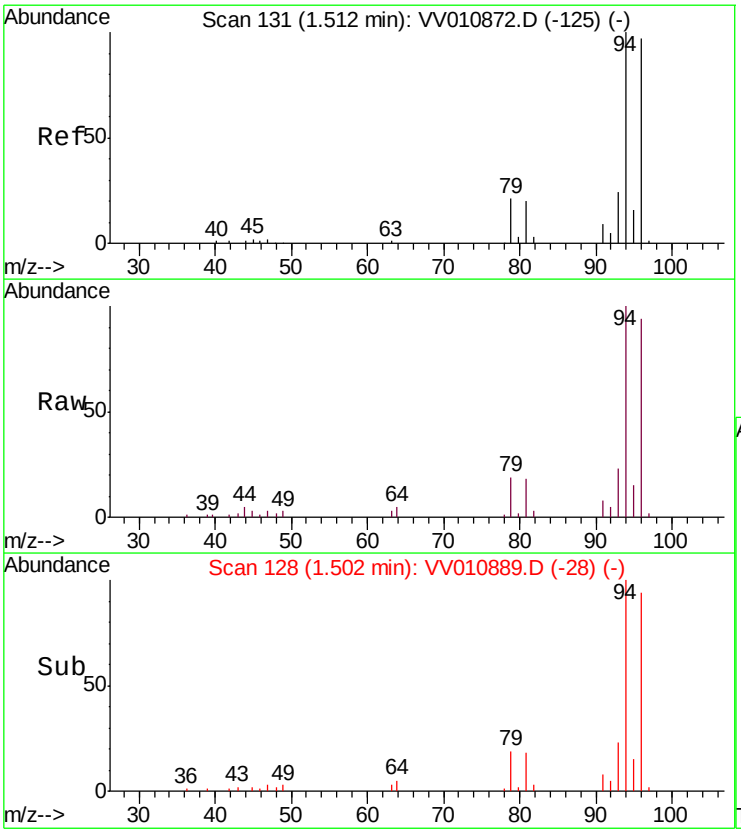
#5
Vinyl chloride
Concen: 22.195 ug/L
RT: 1.31 min Scan# 69
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 62 Resp: 48248

Ion	Ratio	Lower	Upper
62	100		
64	34.2	26.1	48.5

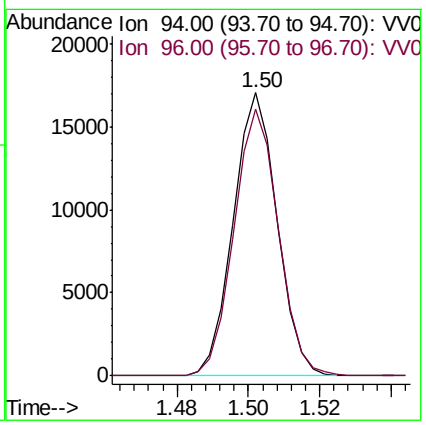


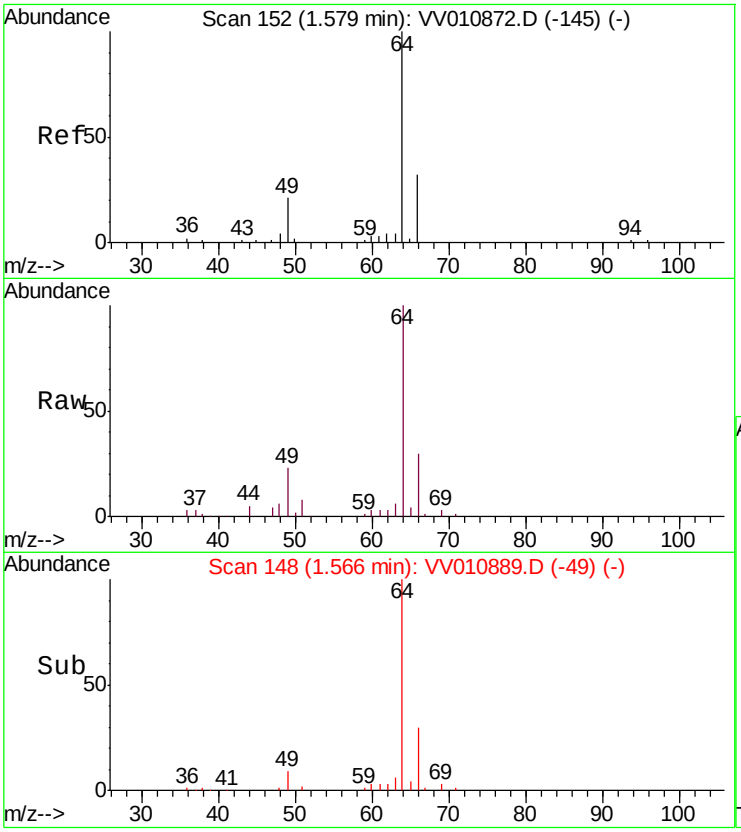


#6
Bromomethane
Concen: 28.663 ug/L
RT: 1.50 min Scan# 128
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 94 Resp: 14462

Ion	Ratio	Lower	Upper
94	100		
96	95.3	9.6	181.6



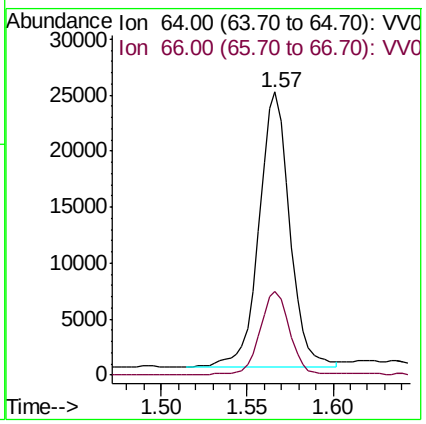


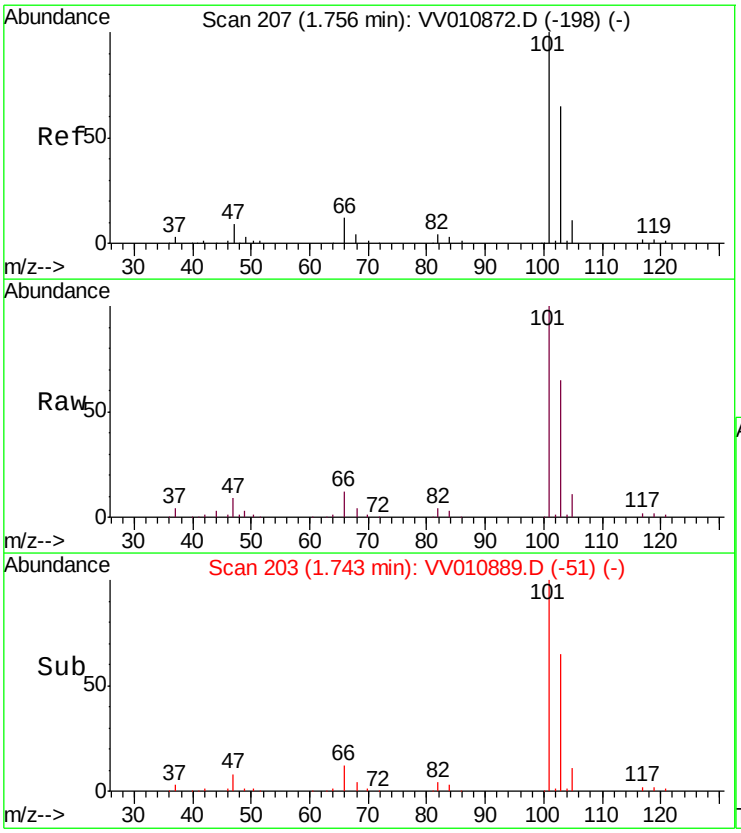
#8
Chloroethane
Concen: 27.054 ug/L
RT: 1.57 min Scan# 148
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 64 Resp: 30417

Ion	Ratio	Lower	Upper
64	100		
66	29.6	22.5	41.9

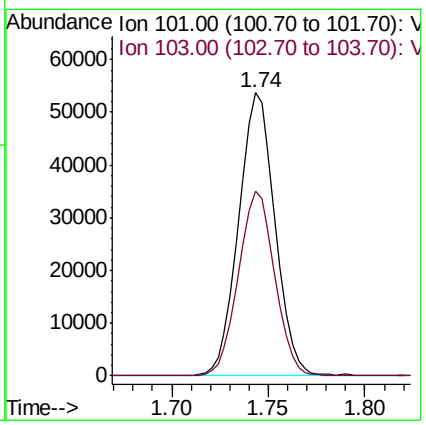


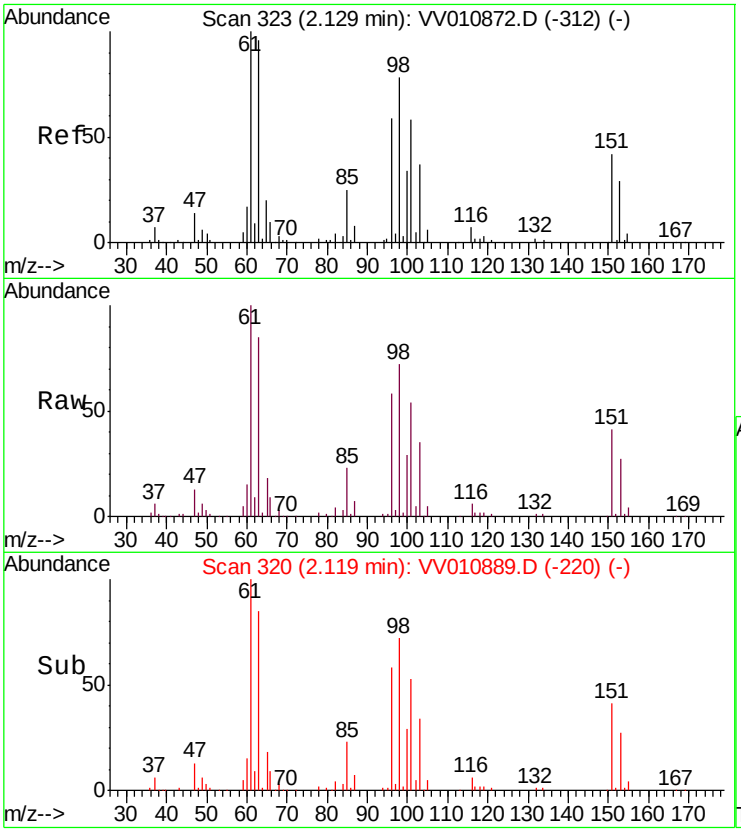


#9
Trichlorofluoromethane
Concen: 22.626 ug/L
RT: 1.74 min Scan# 203
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:101 Resp: 70407

Ion	Ratio	Lower	Upper
101	100		
103	65.1	45.4	84.4



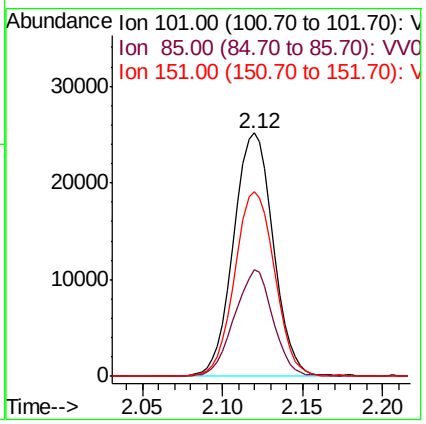


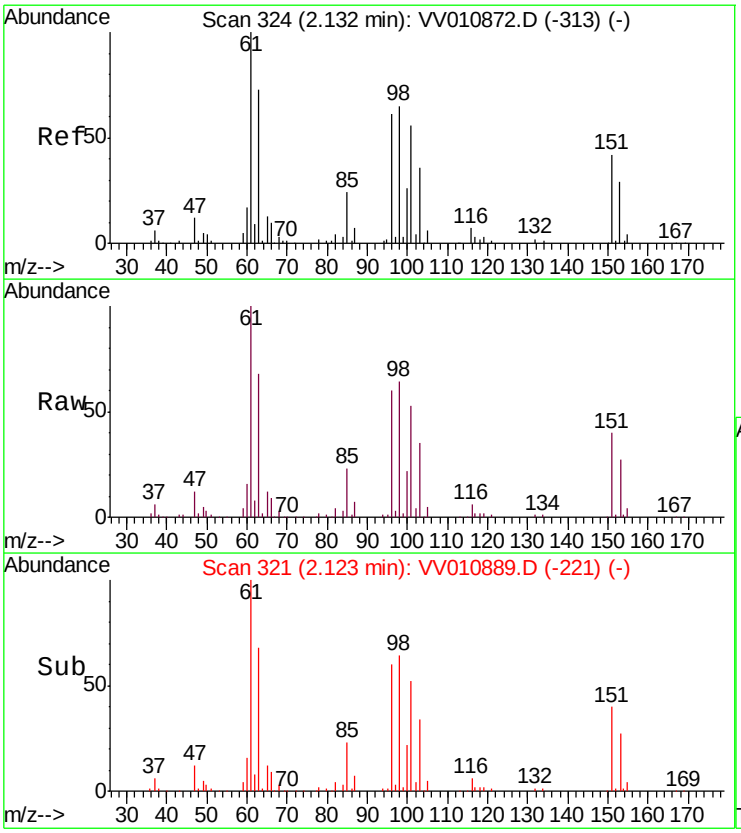
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.699 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion:101 Resp: 42605

Ion	Ratio	Lower	Upper
101	100		
85	42.3	35.7	53.5
151	76.2	62.2	93.2

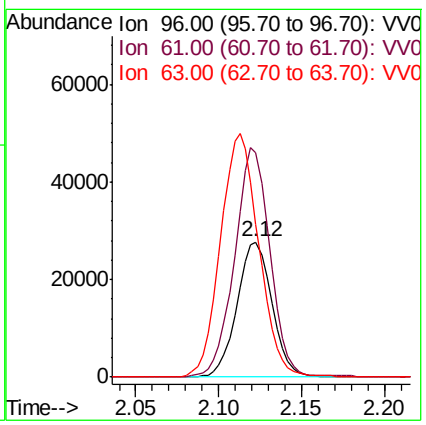


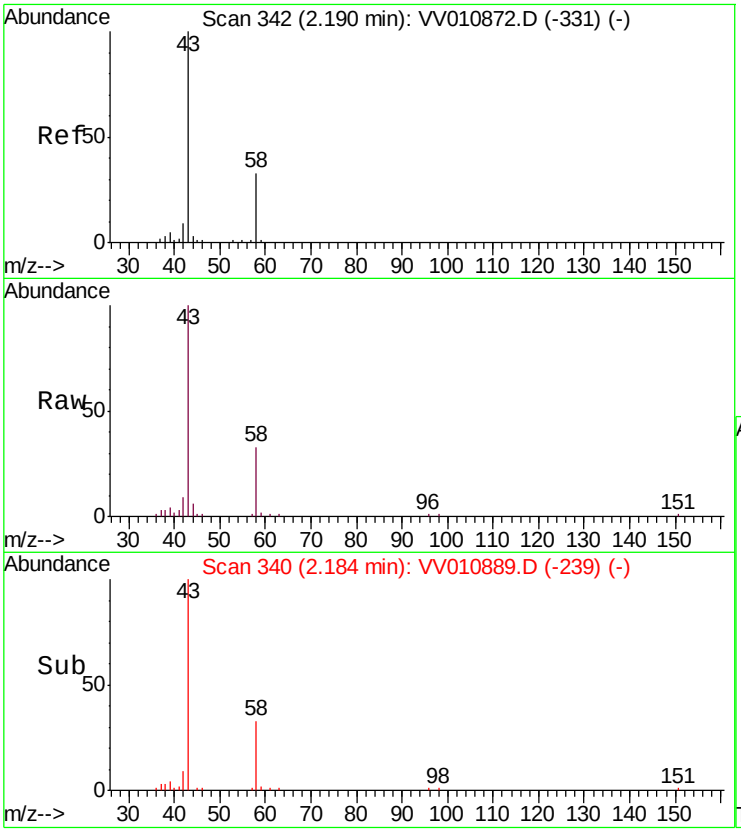


#12
1,1-Dichloroethene
Concen: 23.204 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 96 Resp: 40633

Ion	Ratio	Lower	Upper
96	100		
61	166.1	117.5	218.3
63	113.4	82.8	153.8



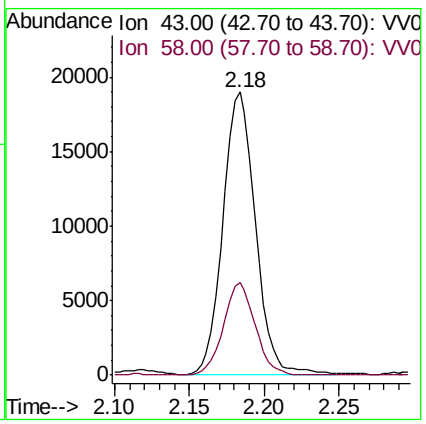


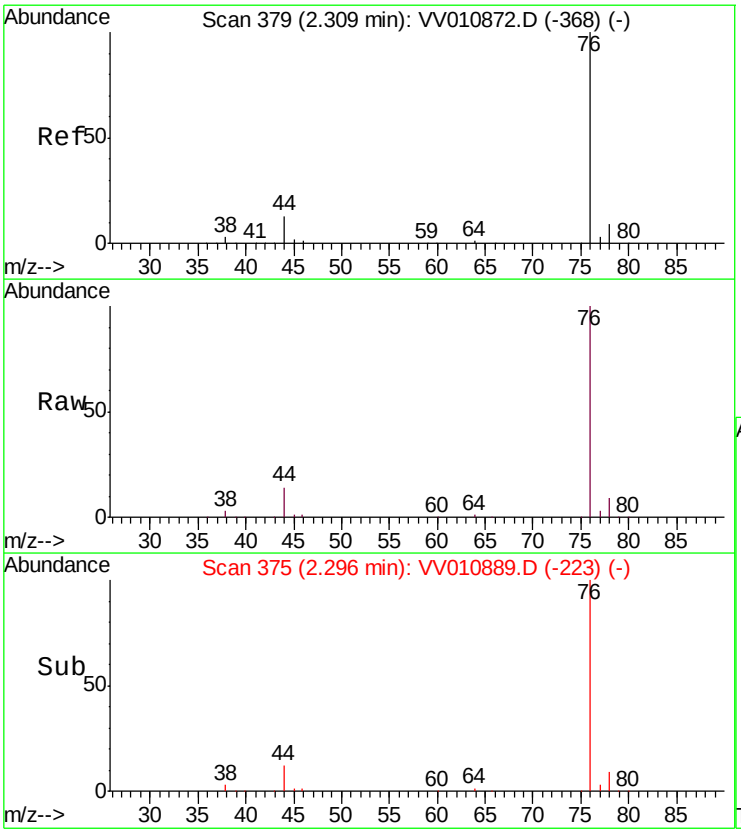
#13
Acetone
Concen: 46.645 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 43 Resp: 28939

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	69.2

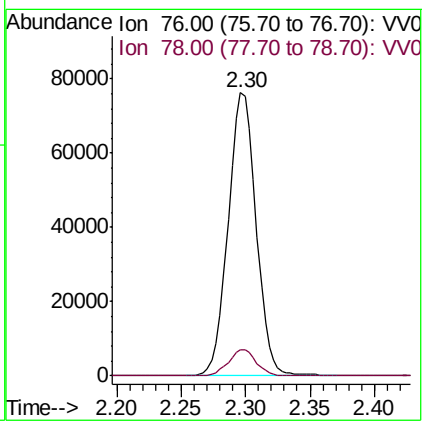


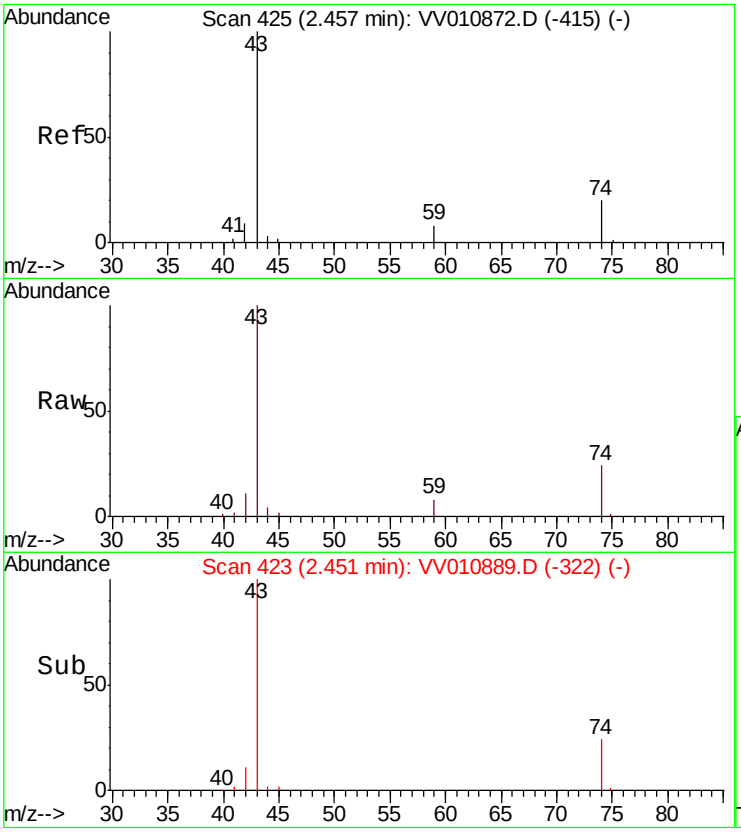


#14
Carbon disulfide
Concen: 21.827 ug/L
RT: 2.30 min Scan# 375
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 76 Resp: 115131

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8



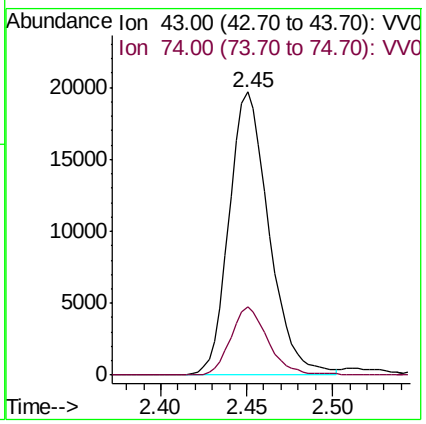


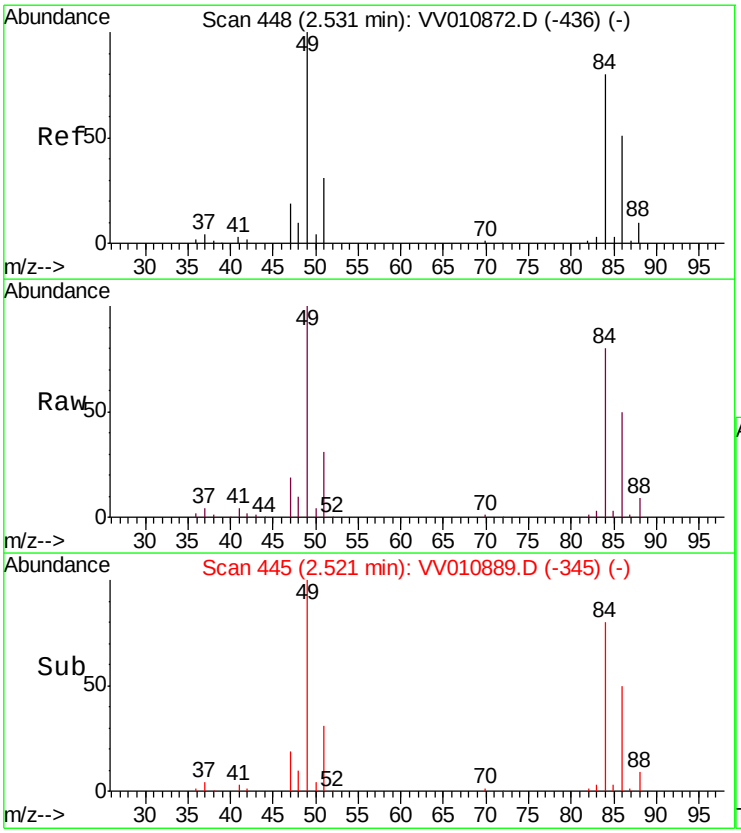
#15
Methyl Acetate
Concen: 24.662 ug/L
RT: 2.45 min Scan# 423
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 43 Resp: 31868

Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.6	27.8

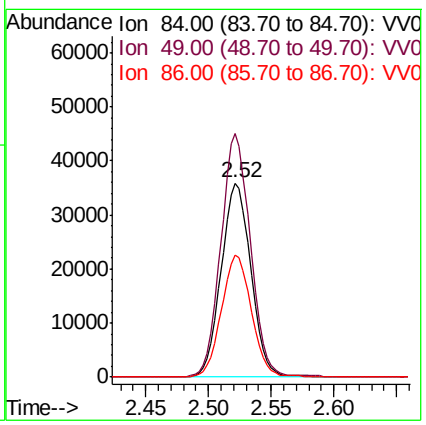


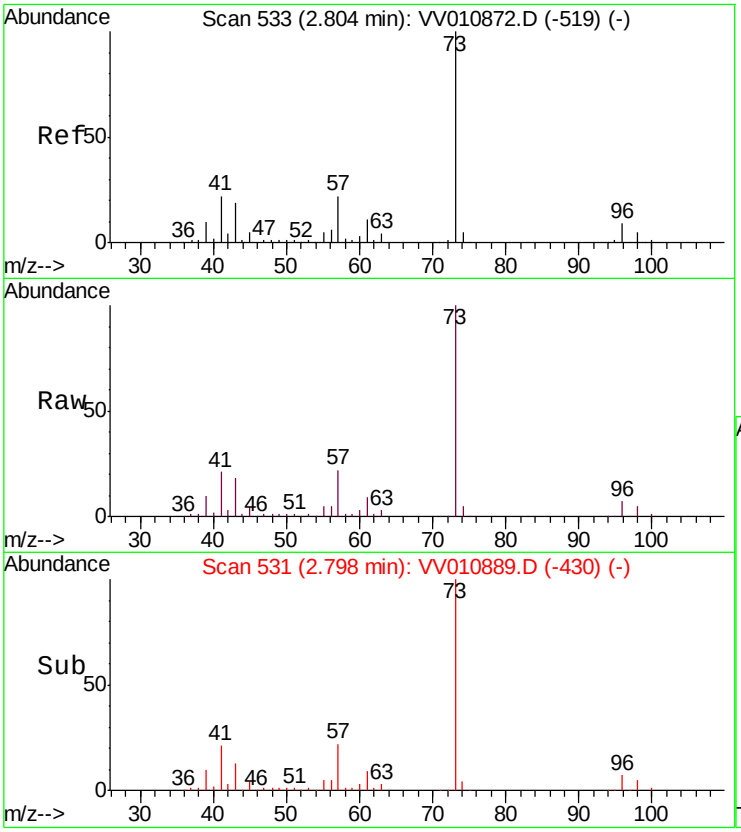


#16
Methylene chloride
Concen: 24.110 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 84 Resp: 59126

Ion	Ratio	Lower	Upper
84	100		
49	125.7	85.8	159.3
86	62.9	45.0	83.6



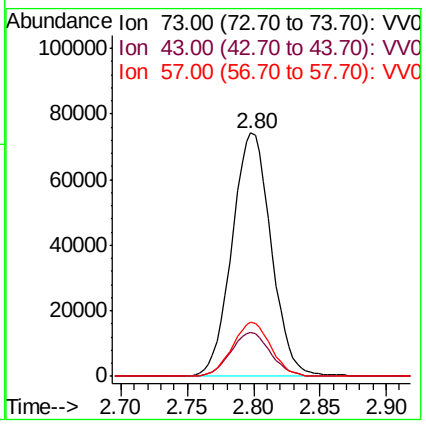


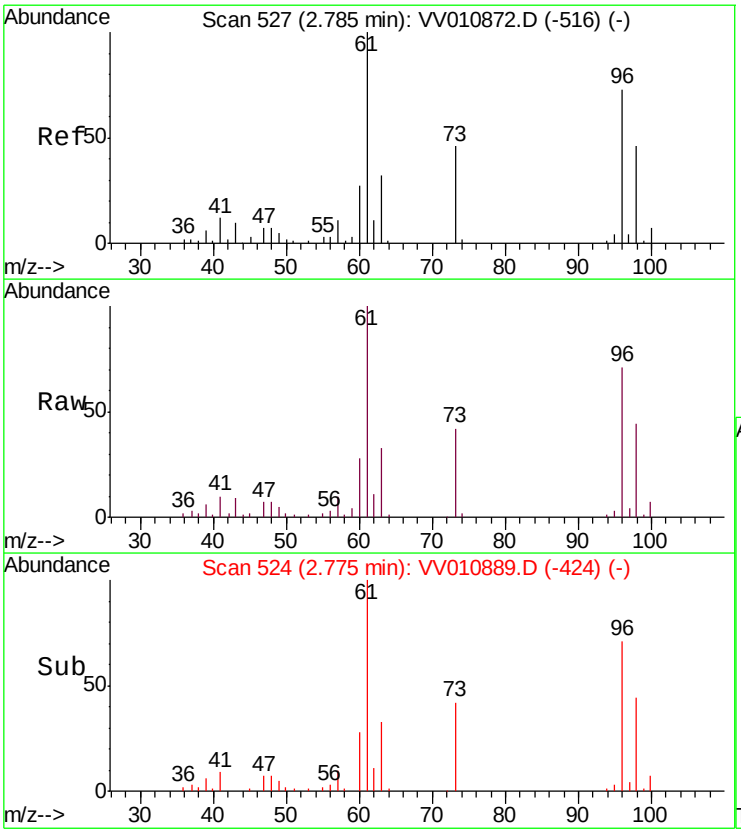
#17
Methyl tert-butyl Ether
Concen: 26.628 ug/L
RT: 2.80 min Scan# 531
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 73 Resp: 152249

Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.3	22.9
57	21.9	17.5	26.3

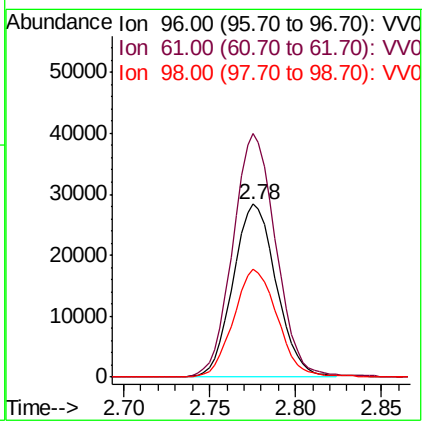


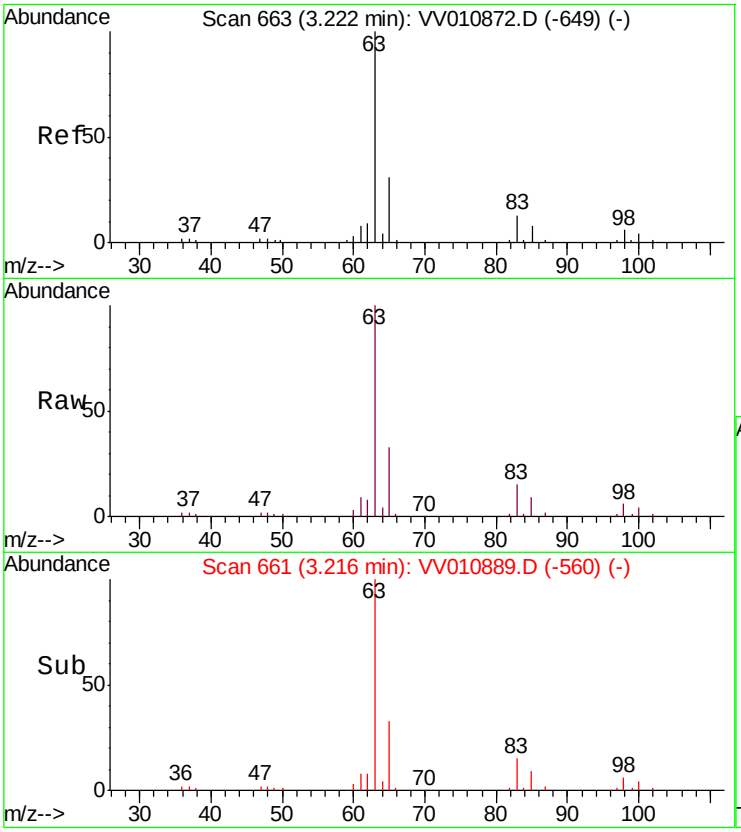


#18
trans-1,2-Dichloroethene
Concen: 23.835 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 96 Resp: 49719

Ion	Ratio	Lower	Upper
96	100		
61	140.6	95.0	176.4
98	62.1	43.3	80.3



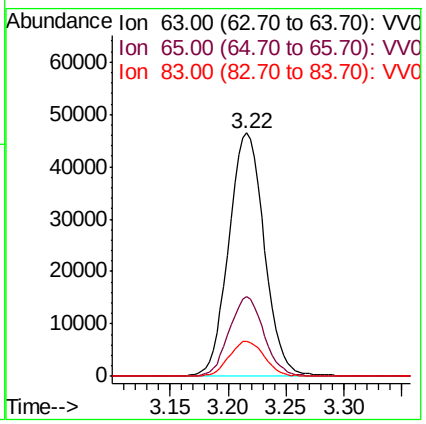


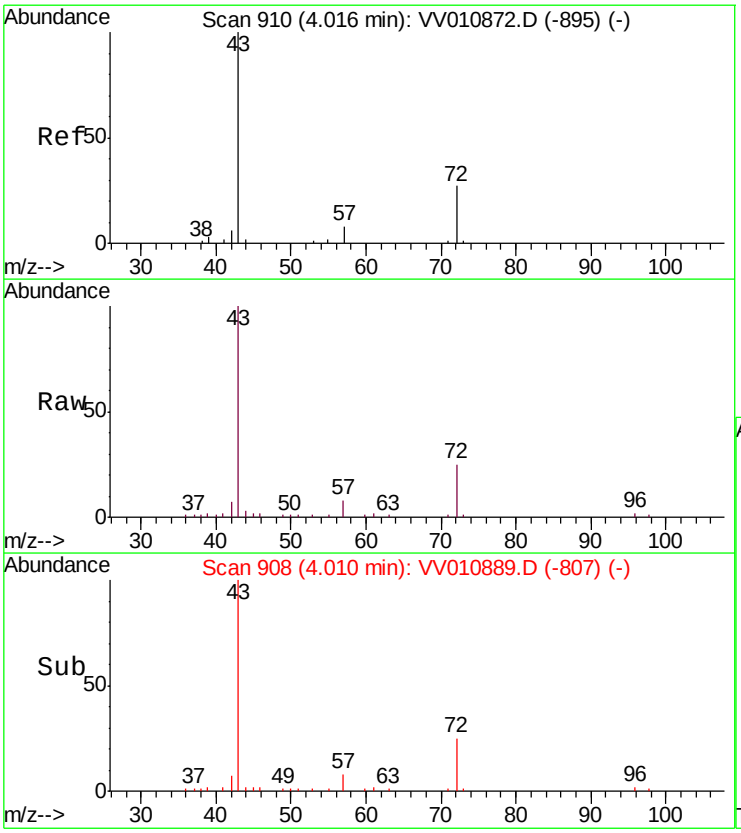
#19
1,1-Dichloroethane
Concen: 24.480 ug/L
RT: 3.22 min Scan# 661
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 63 Resp: 98863

Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.1	41.1
83	14.6	9.7	17.9

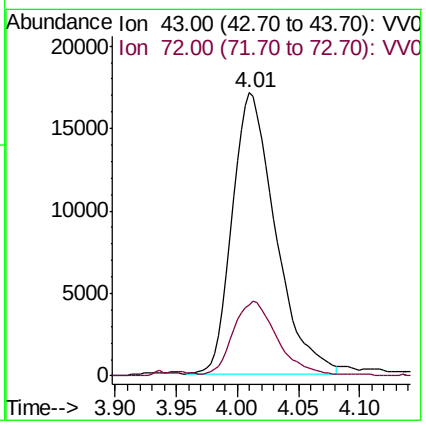


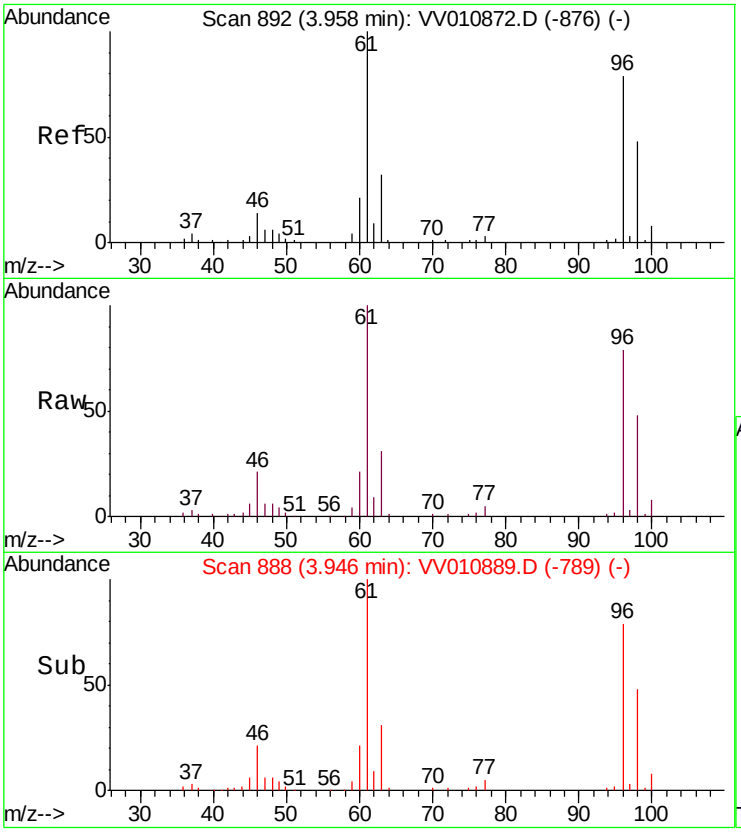


#21
2-Butanone
Concen: 52.391 ug/L
RT: 4.01 min Scan# 908
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 43 Resp: 41956

Ion	Ratio	Lower	Upper
43	100		
72	26.2	13.7	41.1



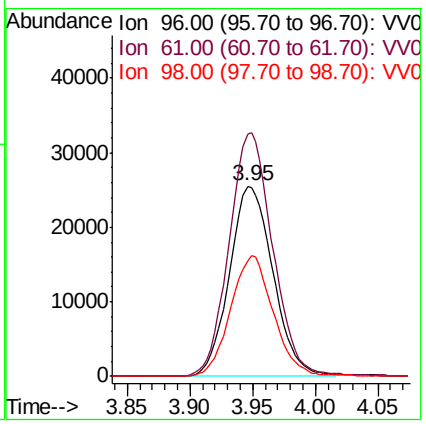


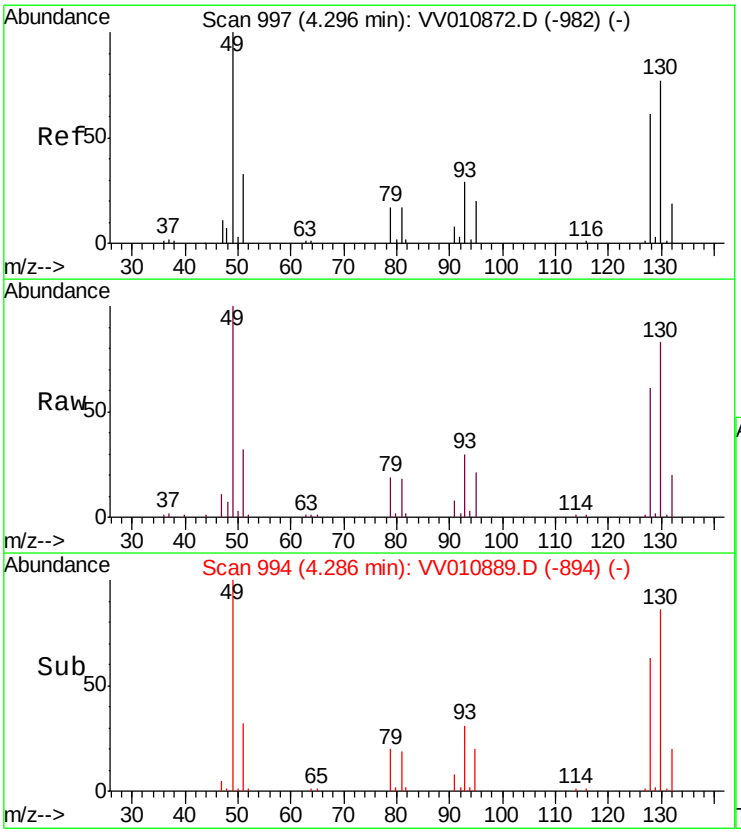
#22
cis-1,2-Dichloroethene
Concen: 25.233 ug/L
RT: 3.95 min Scan# 888
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Tgt Ion: 96 Resp: 61597

Ion	Ratio	Lower	Upper
96	100		
61	127.2	90.2	167.6
98	60.6	44.2	82.0

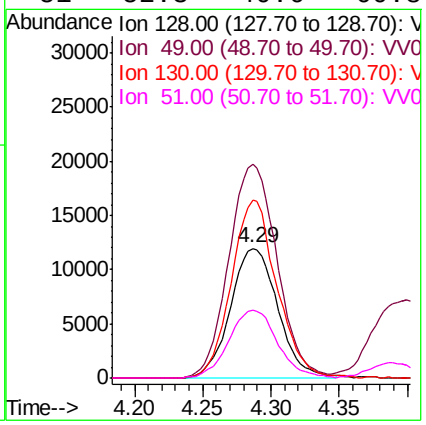


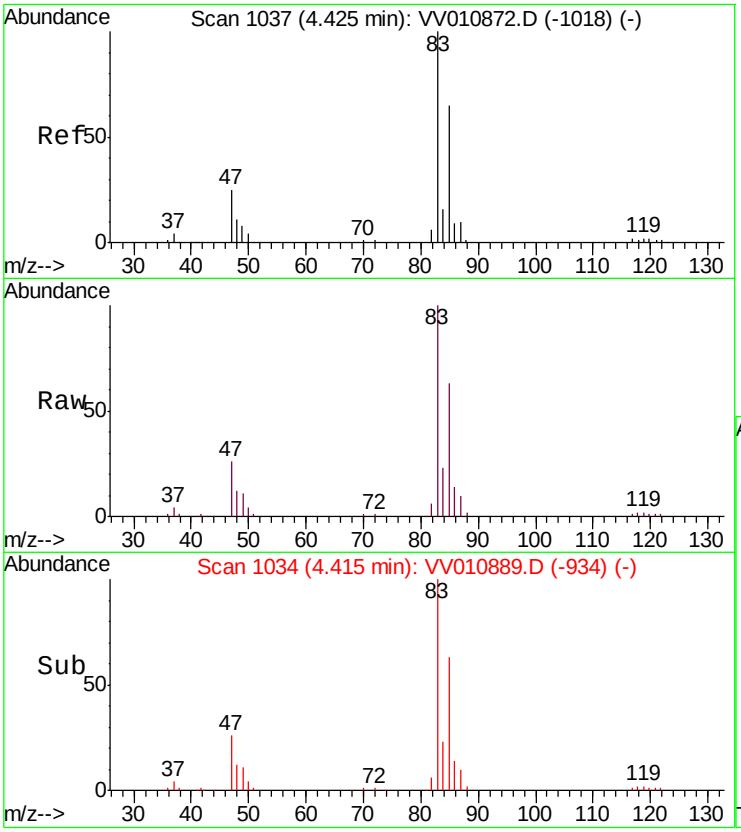


#23
Bromochloromethane
Concen: 25.386 ug/L
RT: 4.29 min Scan# 994
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:128 Resp: 28867

Ion	Ratio	Lower	Upper
128	100		
49	164.7	117.8	218.8
130	136.8	88.4	164.2
51	52.3	40.6	60.8



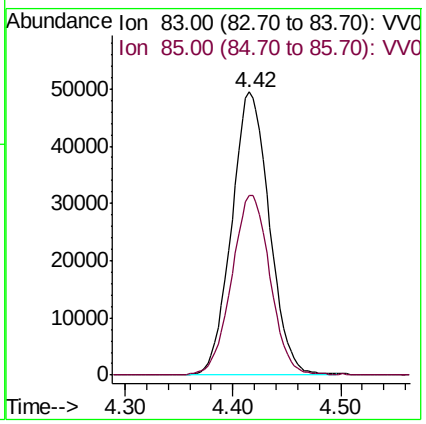


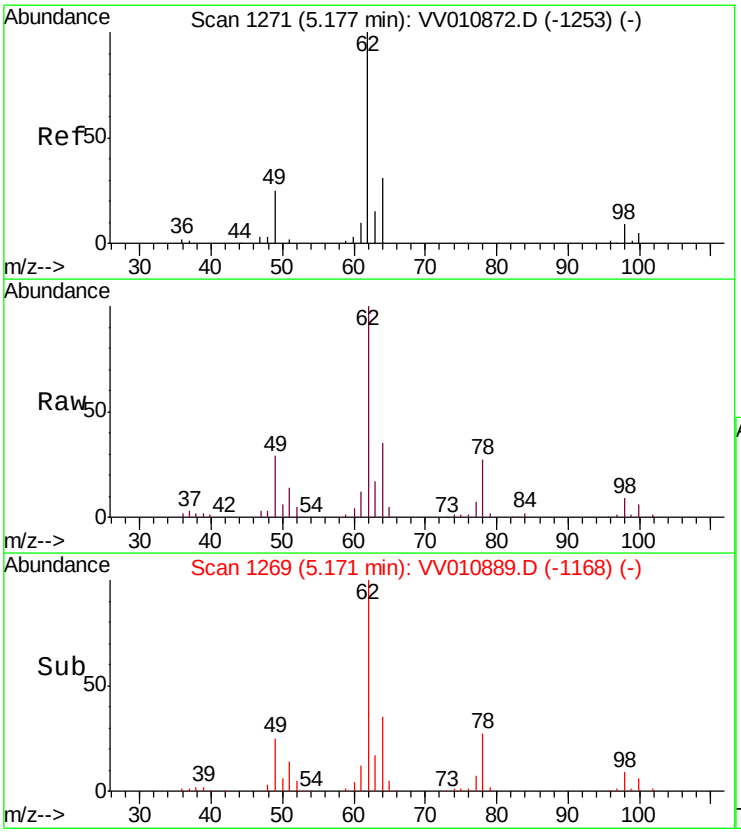
#25
Chloroform
Concen: 27.470 ug/L
RT: 4.42 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Tgt Ion: 83 Resp: 120339

Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.3	84.1

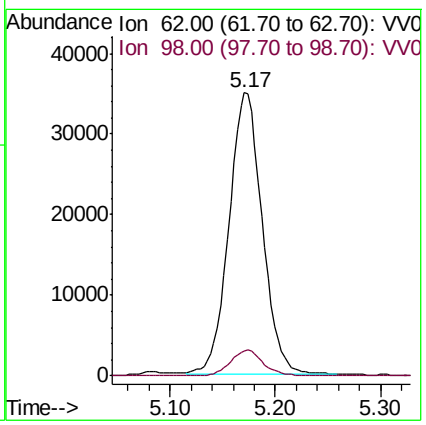


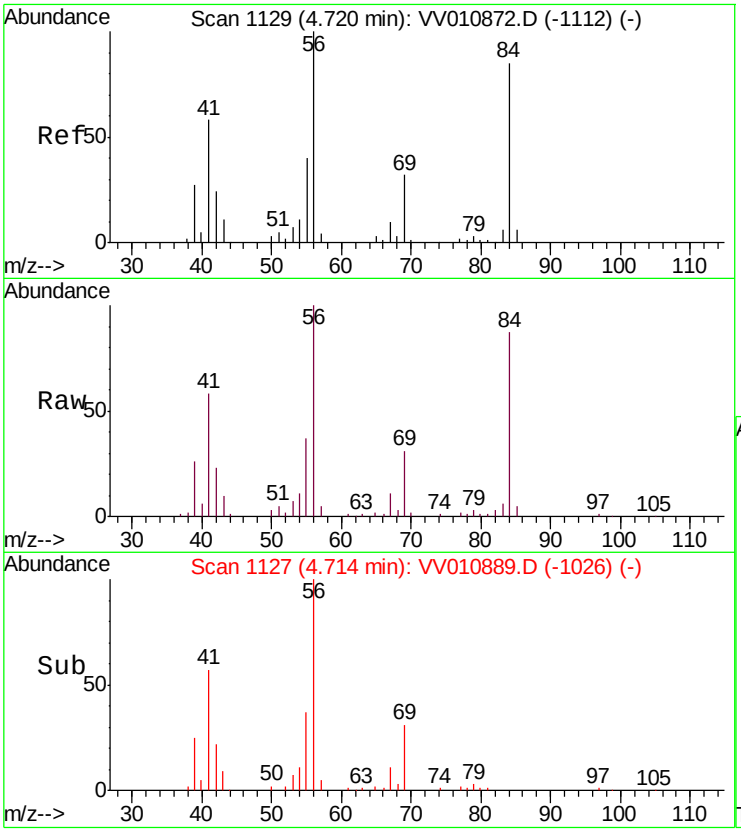


#27
1,2-Dichloroethane
Concen: 25.087 ug/L
RT: 5.17 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 62 Resp: 76682

Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.0	10.4



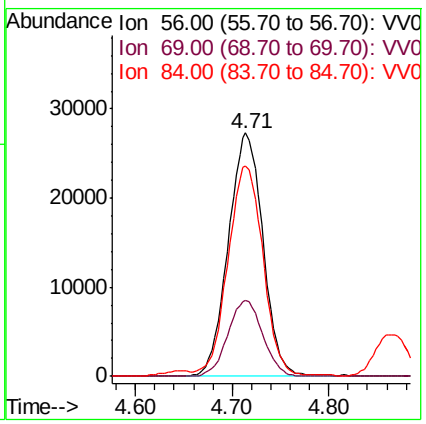


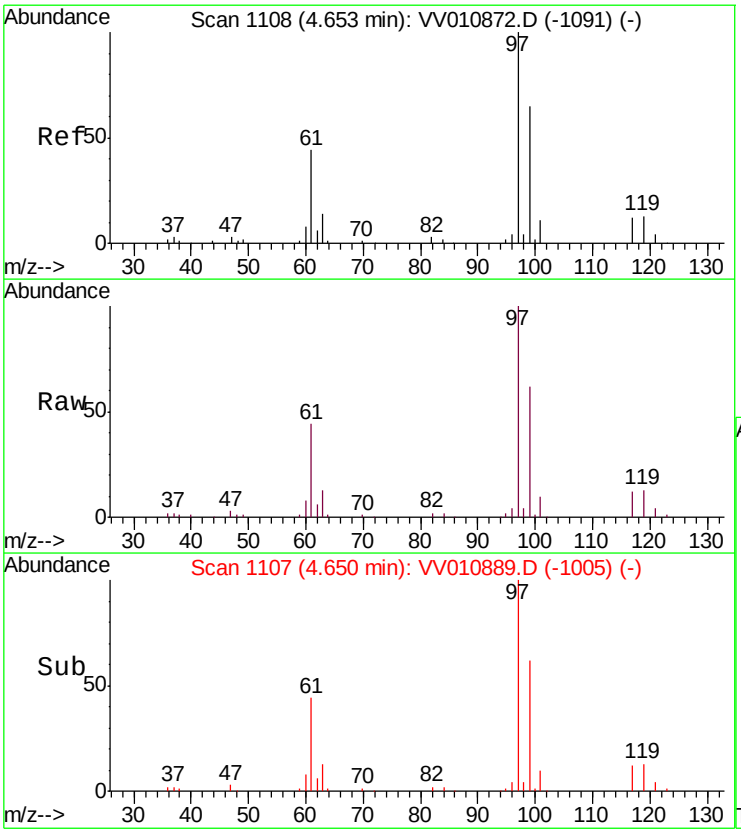
#30
Cyclohexane
Concen: 23.622 ug/L
RT: 4.71 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 56 Resp: 67964

Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.2	37.8
84	86.9	69.0	103.4

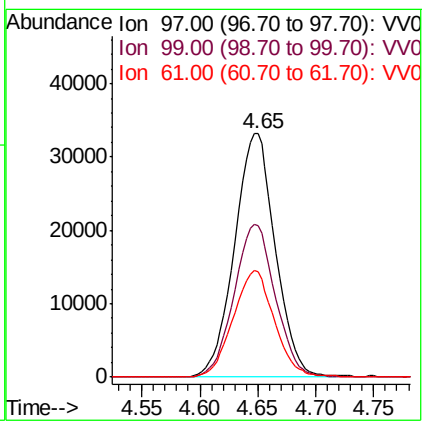


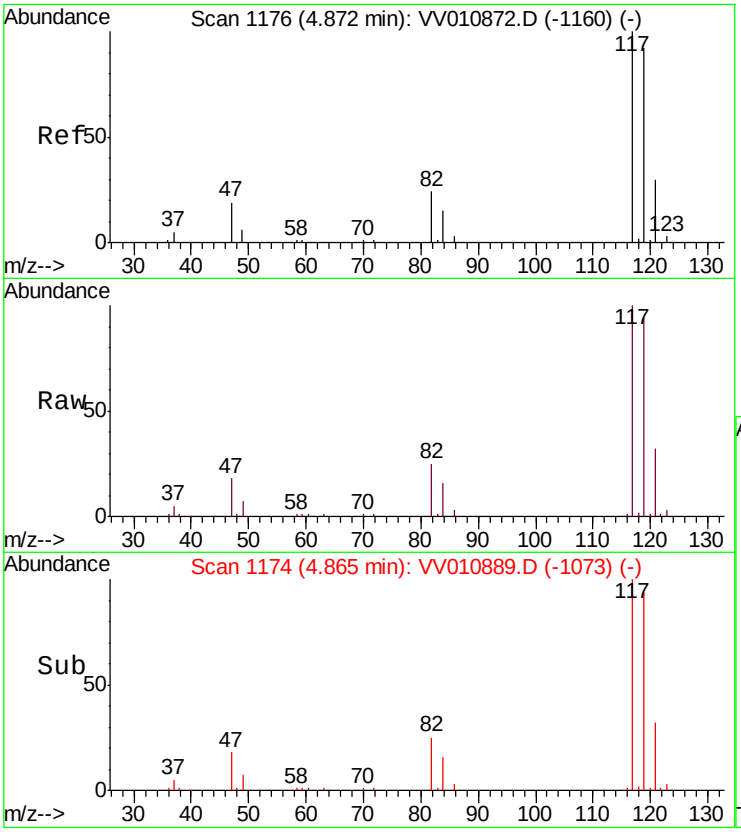


#31
1,1,1-Trichloroethane
Concen: 24.949 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 97 Resp: 81092

Ion	Ratio	Lower	Upper
97	100		
99	63.4	49.4	74.2
61	44.1	34.6	51.8



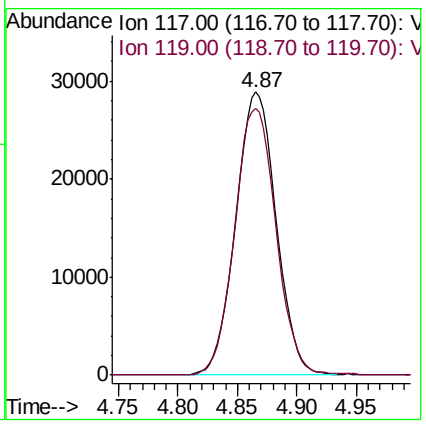


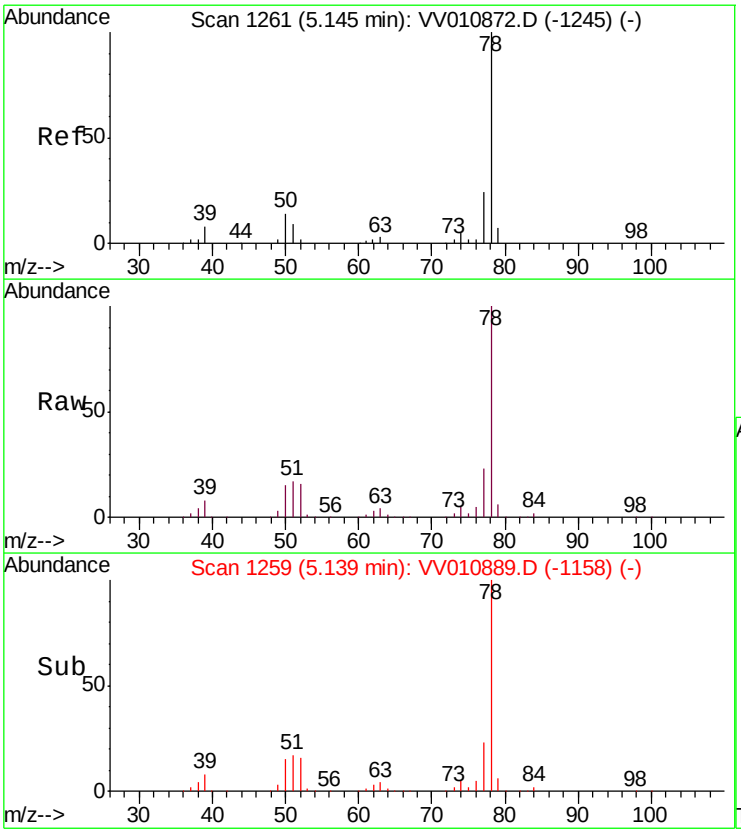
#32
Carbon tetrachloride
Concen: 24.555 ug/L
RT: 4.87 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion:117 Resp: 68109

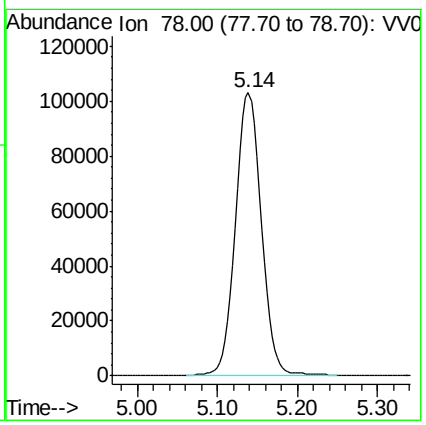
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.5	114.7

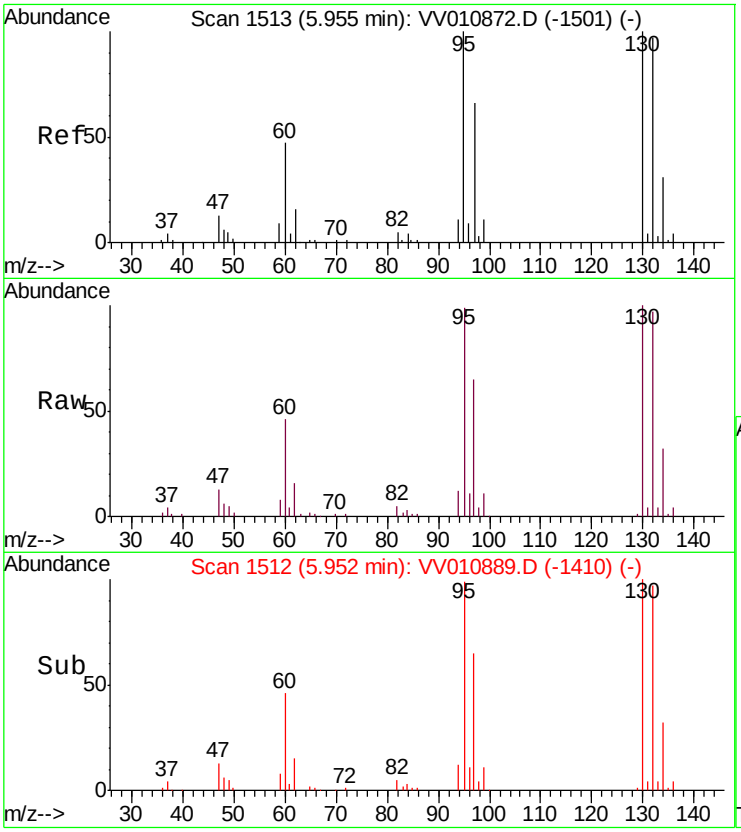




#34
Benzene
Concen: 25.845 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 78 Resp: 225425



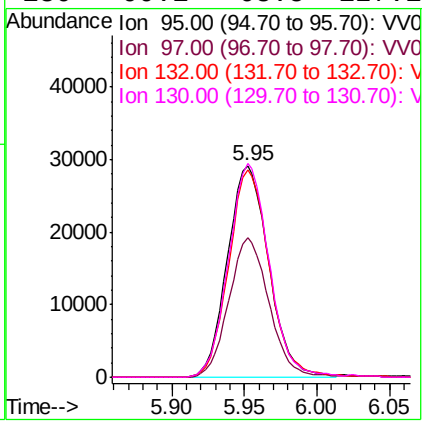


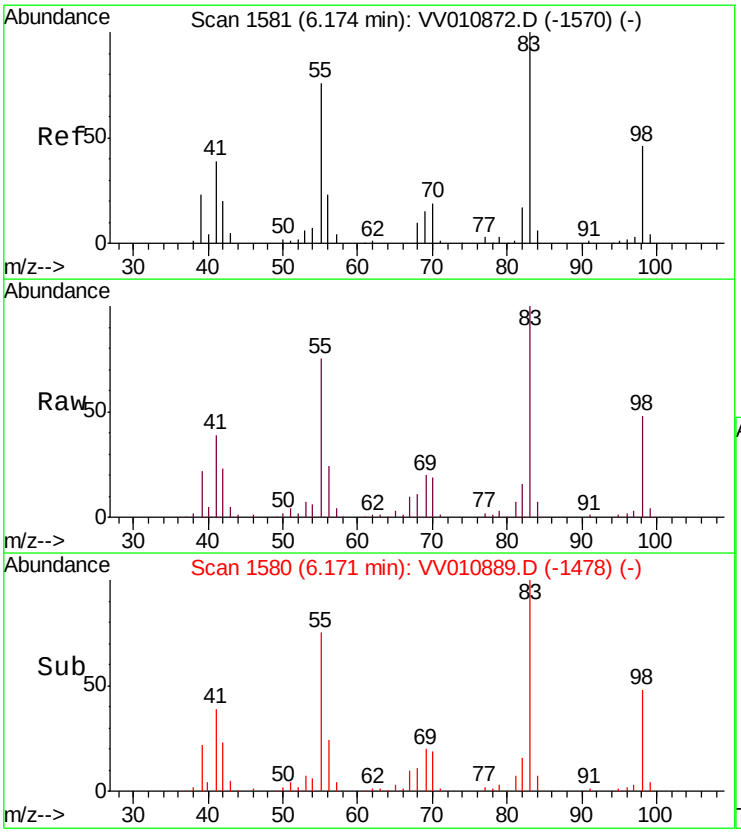
#35
Trichloroethene
Concen: 25.536 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Tgt Ion: 95 Resp: 57729

Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.0	85.4
132	96.6	67.4	125.2
130	99.1	68.5	127.1

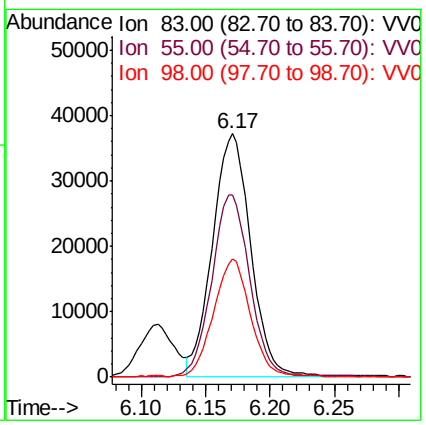


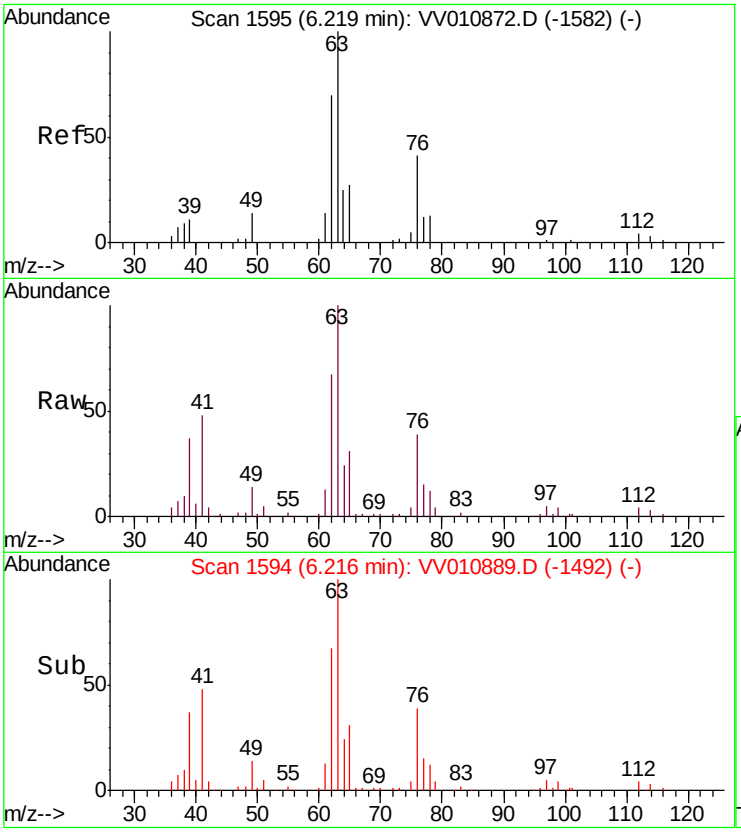


#36
Methylcyclohexane
Concen: 24.259 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 83 Resp: 76317

Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.0	91.4
98	46.9	37.2	55.8



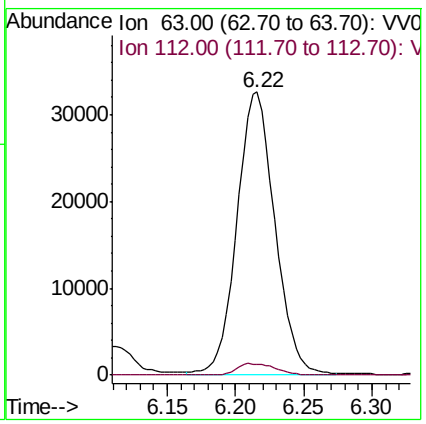


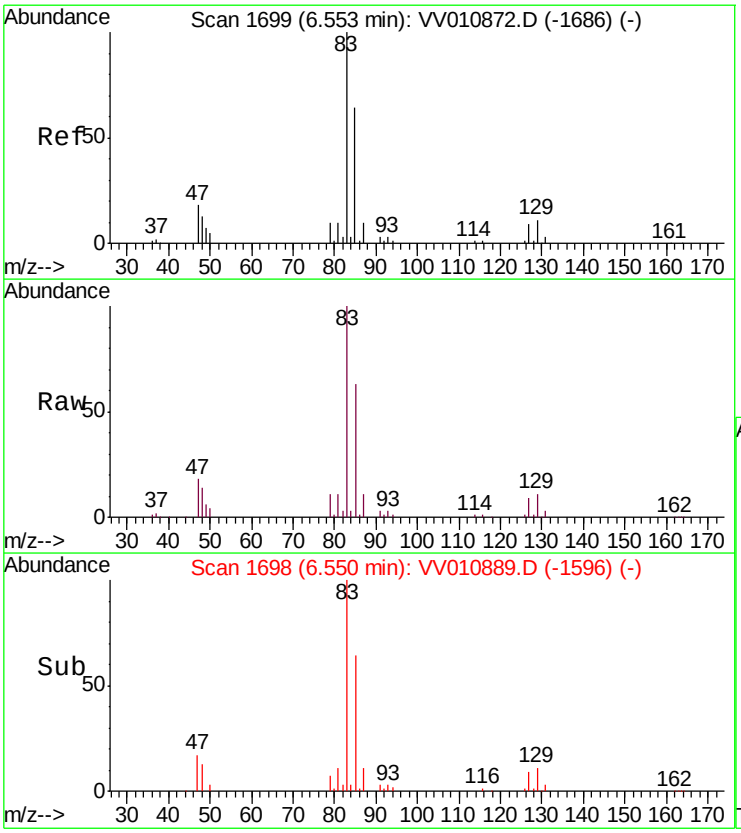
#40
1,2-Dichloropropane
Concen: 26.429 ug/L
RT: 6.22 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Tgt Ion: 63 Resp: 62787

Ion	Ratio	Lower	Upper
63	100		
112	4.3	3.2	4.8

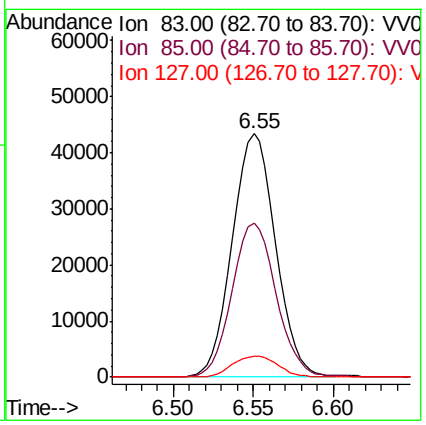


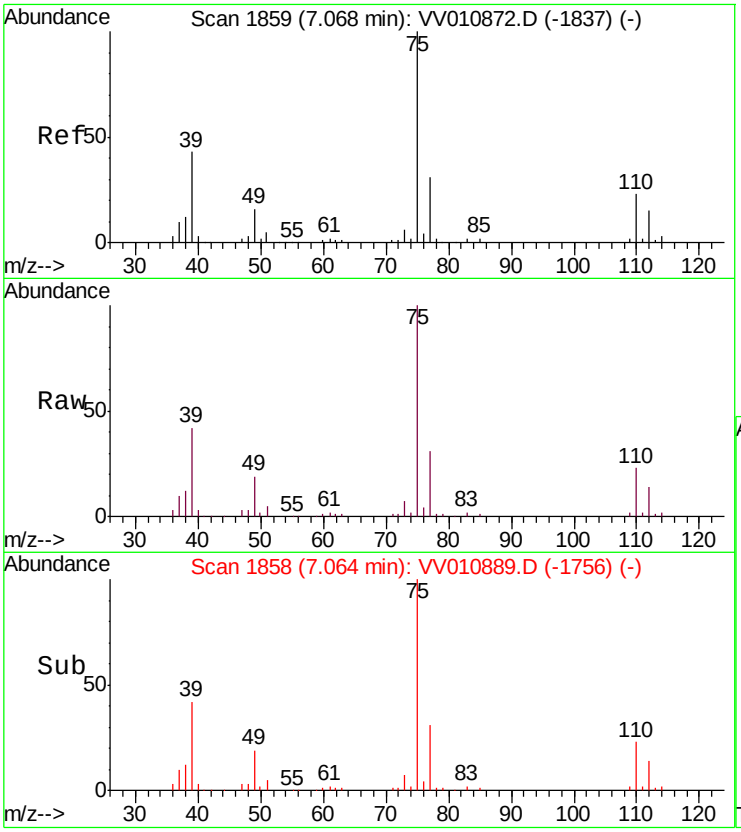


#41
Bromodichloromethane
Concen: 26.313 ug/L
RT: 6.55 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 83 Resp: 80160

Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.3	84.1
127	8.6	7.4	11.2



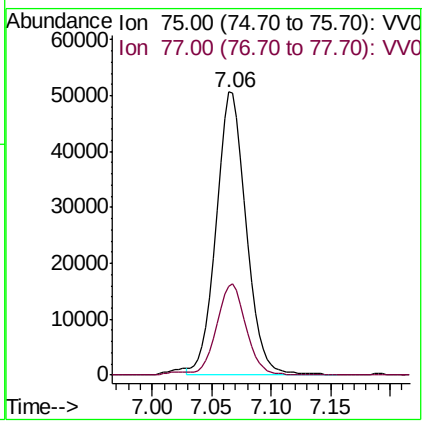


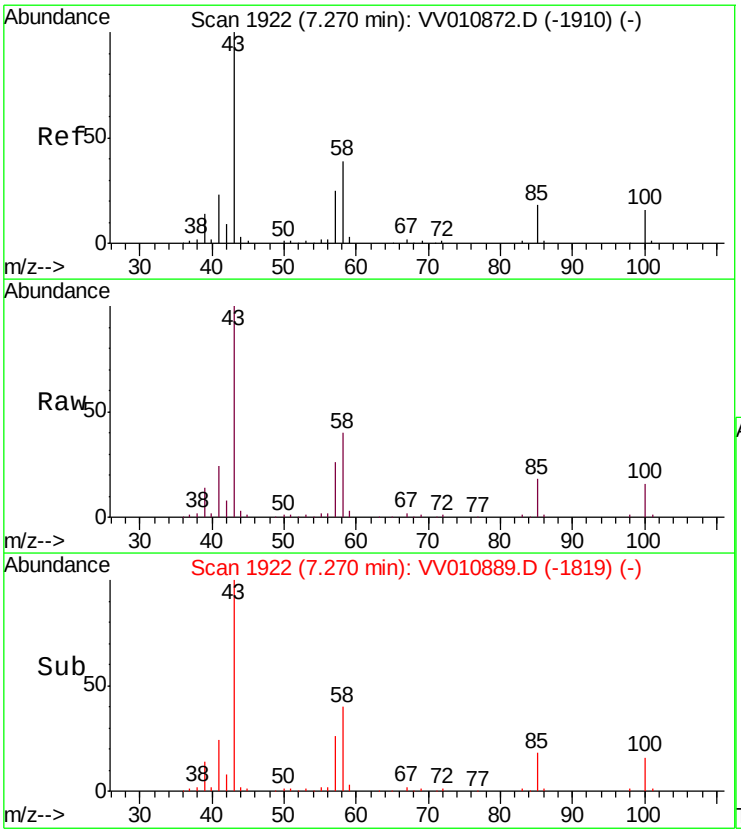
#42
cis-1,3-Dichloropropene
Concen: 25.502 ug/L
RT: 7.06 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Tgt Ion: 75 Resp: 88389

Ion	Ratio	Lower	Upper
75	100		
77	31.5	21.5	39.9

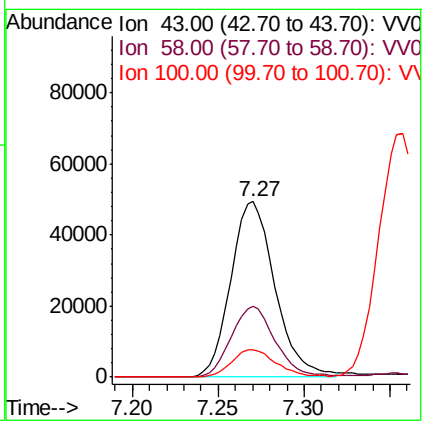


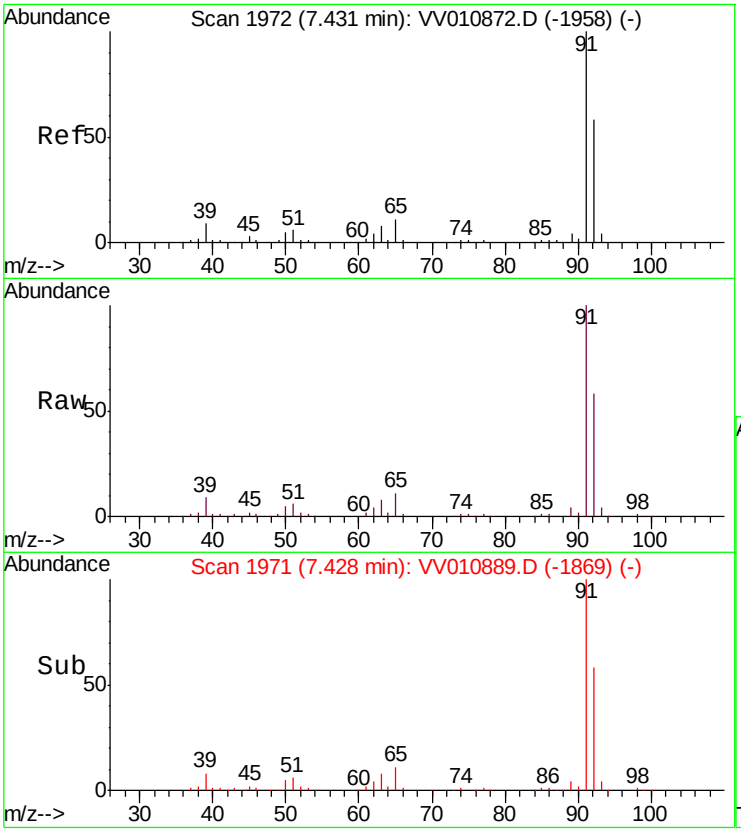


#43
4-Methyl-2-pentanone
Concen: 52.707 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 43 Resp: 88430

Ion	Ratio	Lower	Upper
43	100		
58	40.3	30.0	45.0
100	15.9	11.2	16.8



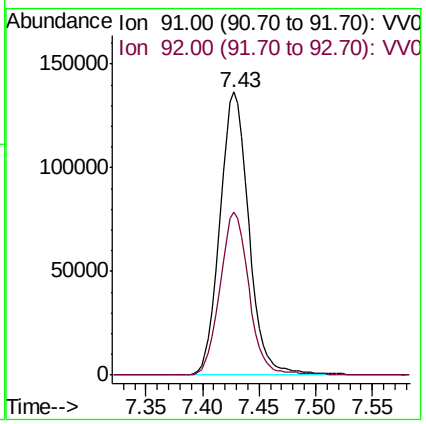


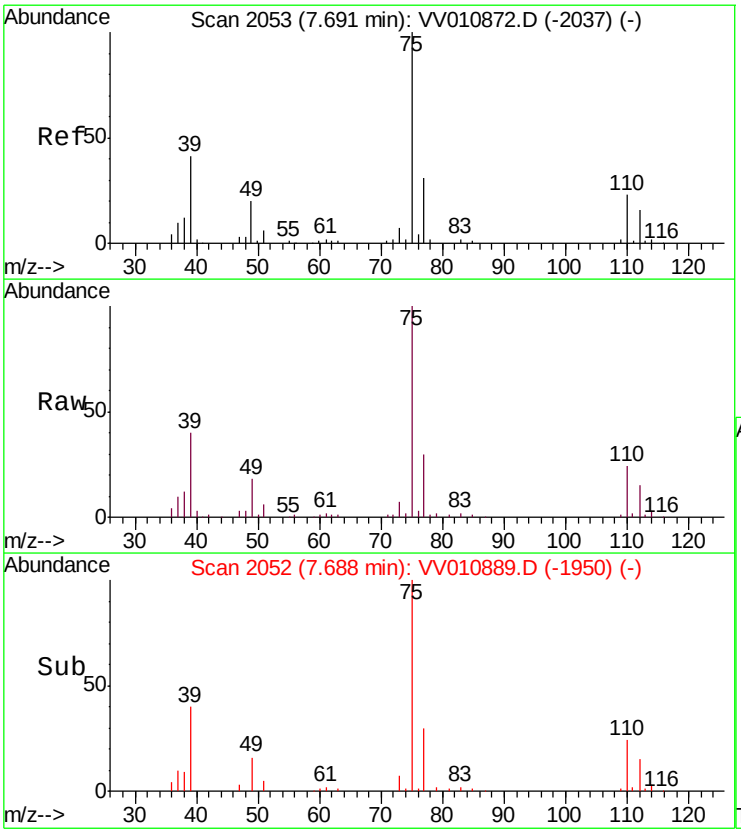
#44
Toluene
Concen: 25.100 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 91 Resp: 243363

Ion	Ratio	Lower	Upper
91	100		
92	57.5	39.1	72.7

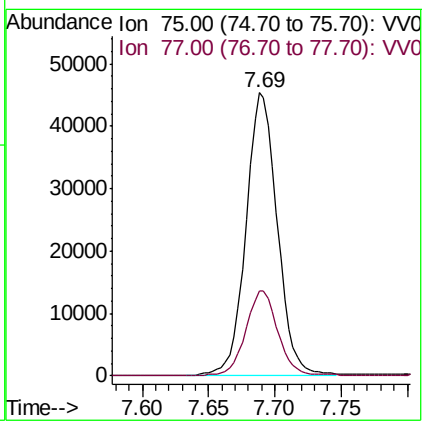


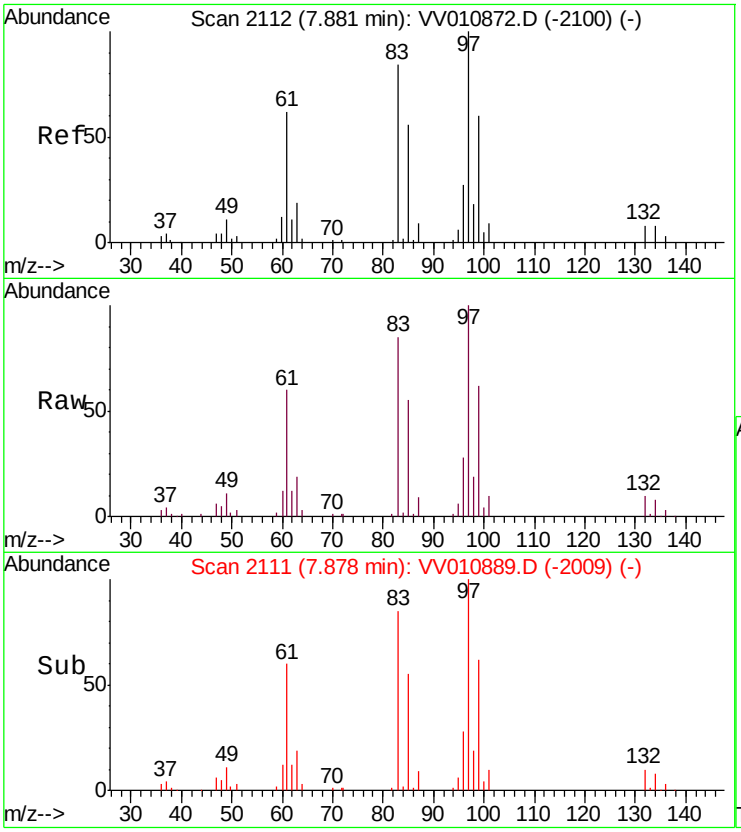


#45
trans-1,3-Dichloropropene
Concen: 25.528 ug/L
RT: 7.69 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 75 Resp: 74779

Ion	Ratio	Lower	Upper
75	100		
77	29.8	21.6	40.0



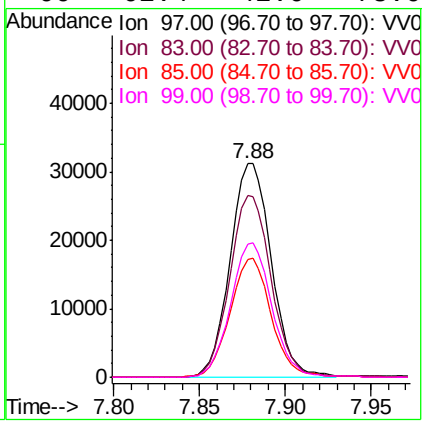


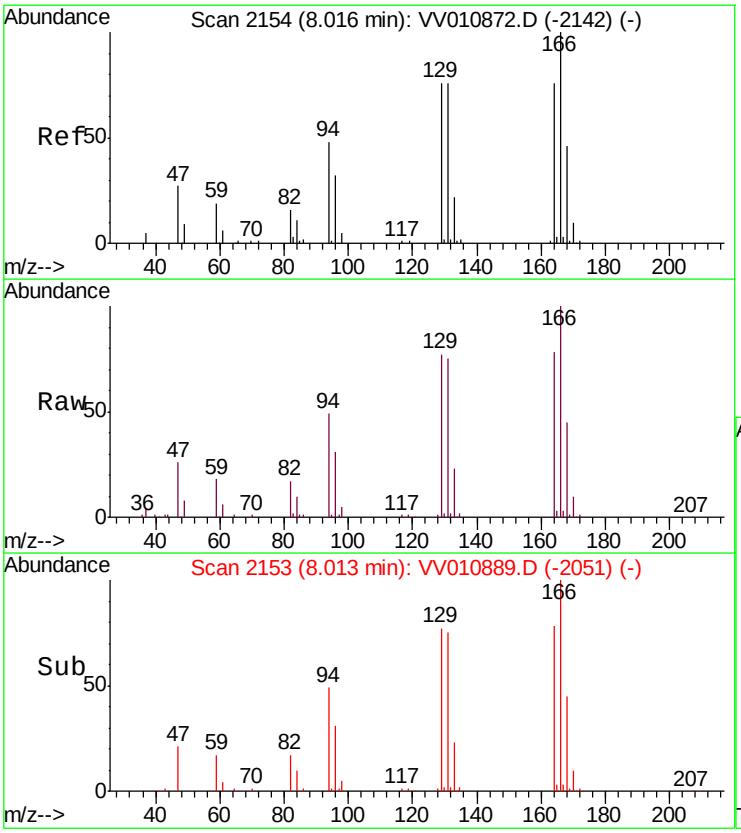
#46
1,1,2-Trichloroethane
Concen: 27.376 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 97 Resp: 52378

Ion	Ratio	Lower	Upper
97	100		
83	85.3	57.2	106.2
85	55.1	37.4	69.4
99	62.4	42.0	78.0

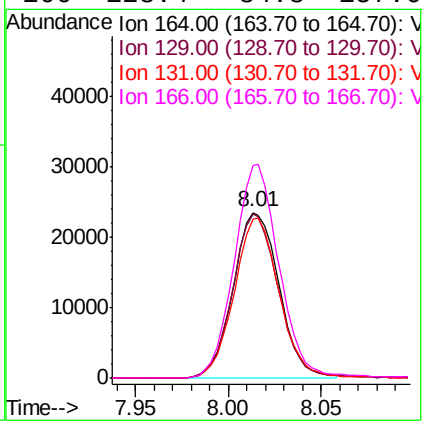


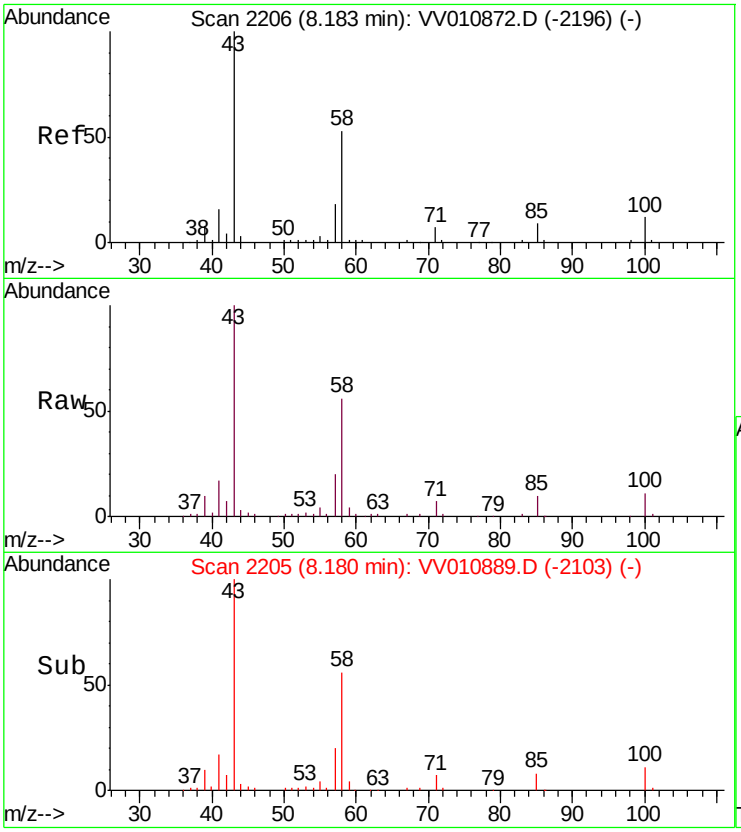


#47
Tetrachloroethene
Concen: 24.181 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:164 Resp: 40393

Ion	Ratio	Lower	Upper
164	100		
129	99.0	67.6	125.6
131	96.2	65.1	120.9
166	128.4	84.8	157.6



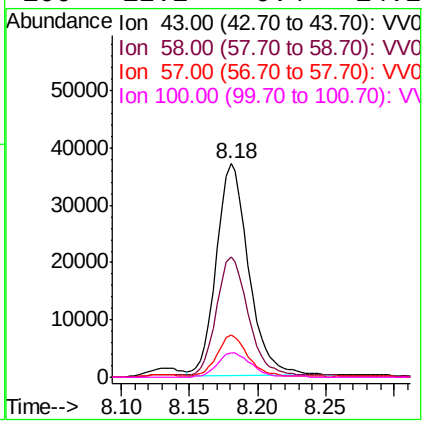


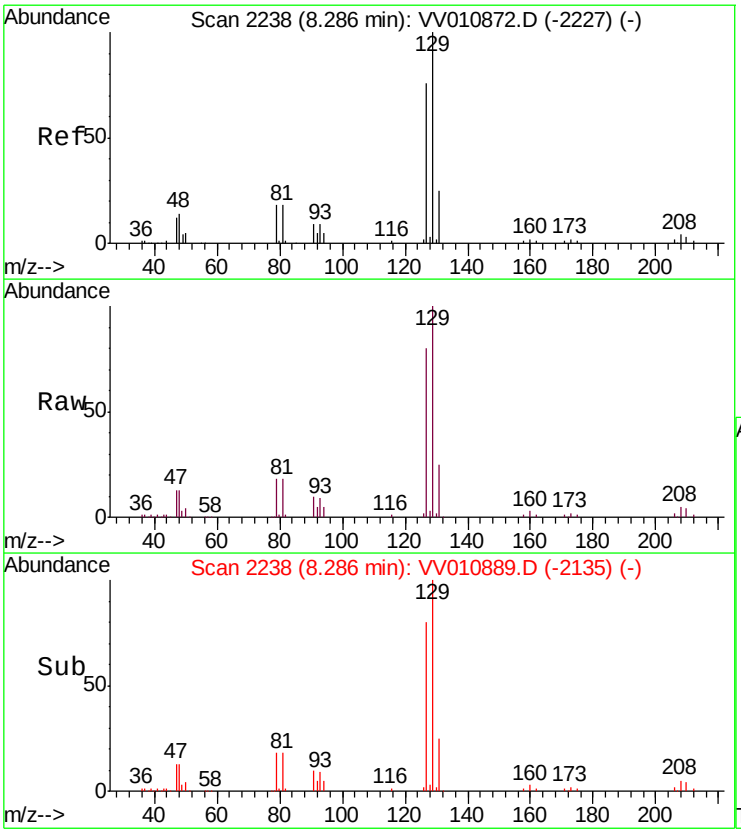
#49
2-Hexanone
Concen: 49.384 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Tgt Ion: 43 Resp: 61193

Ion	Ratio	Lower	Upper
43	100		
58	54.6	41.0	61.6
57	18.2	14.3	21.5
100	12.2	9.4	14.2

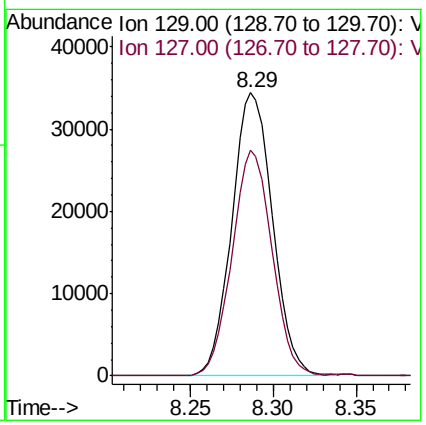


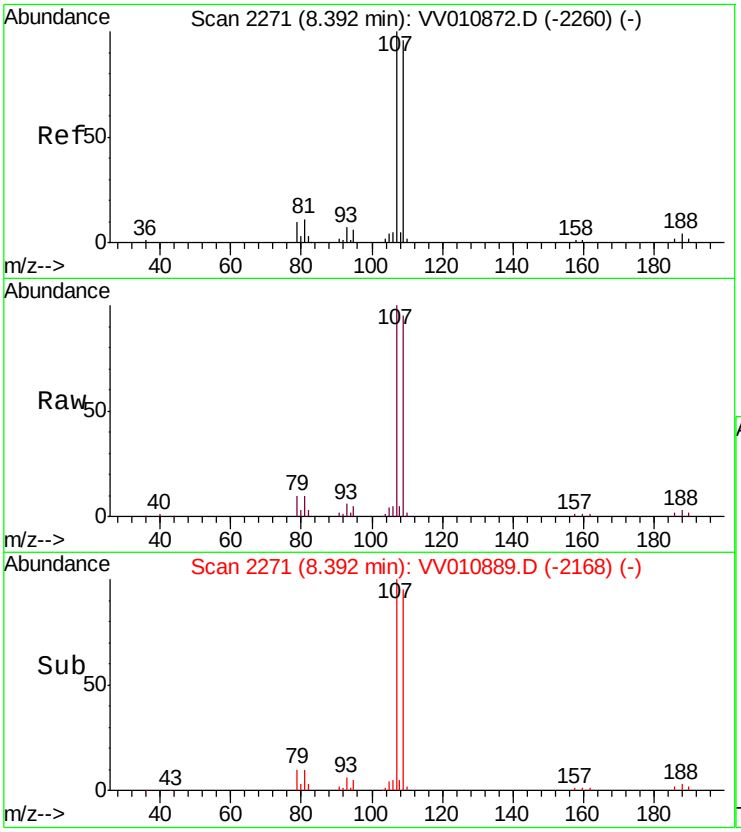


#50
Dibromochloromethane
Concen: 27.685 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:129 Resp: 58920

Ion	Ratio	Lower	Upper
129	100		
127	79.6	53.8	100.0



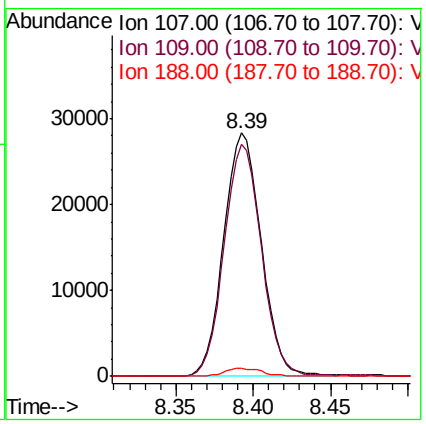


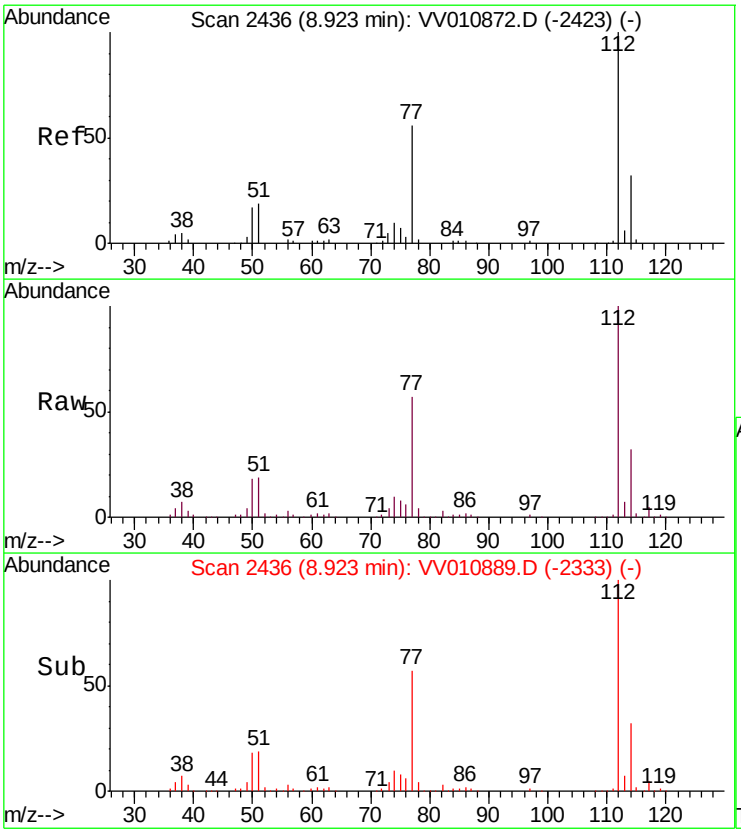
#51
1,2-Dibromoethane
Concen: 26.512 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion:107 Resp: 47788

Ion	Ratio	Lower	Upper
107	100		
109	95.1	66.7	123.9
188	3.2	2.7	4.1

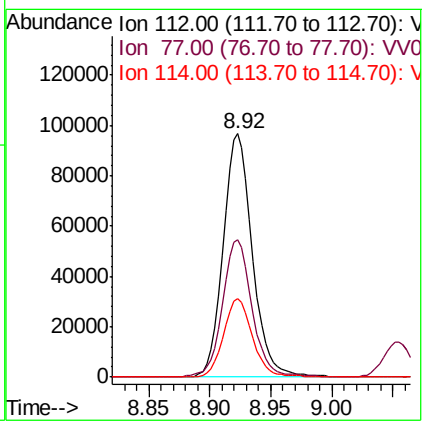


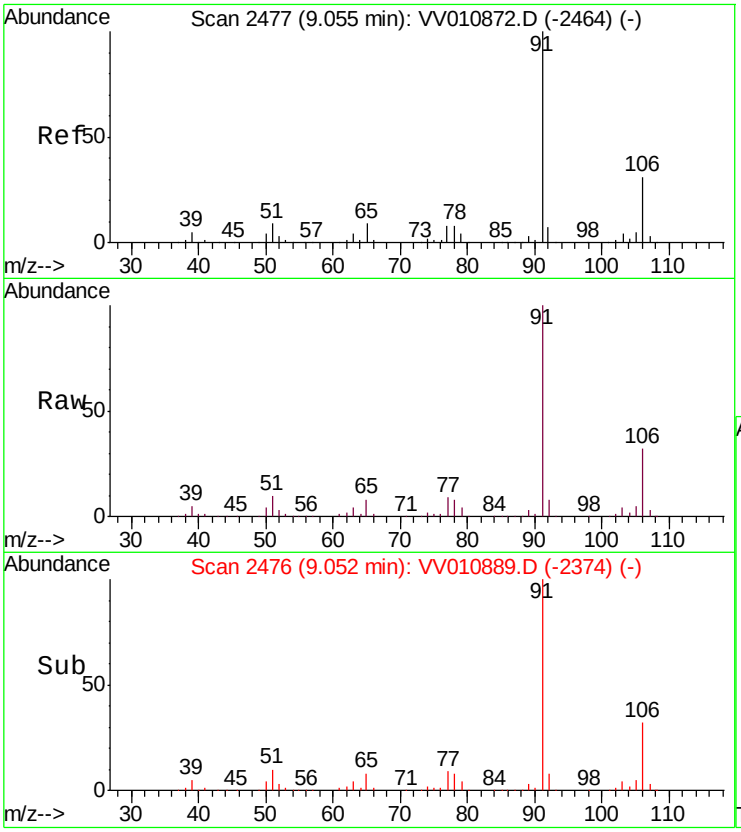


#52
Chlorobenzene
Concen: 24.636 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:112 Resp: 162683

Ion	Ratio	Lower	Upper
112	100		
77	56.6	45.4	68.0
114	32.3	22.4	41.6



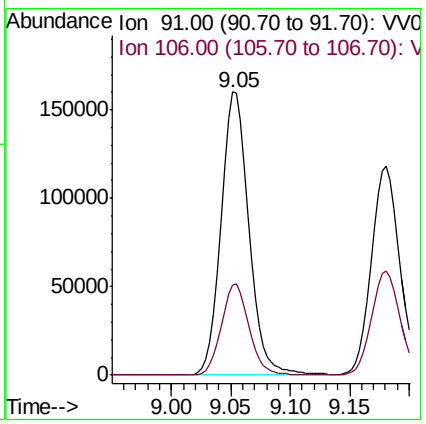


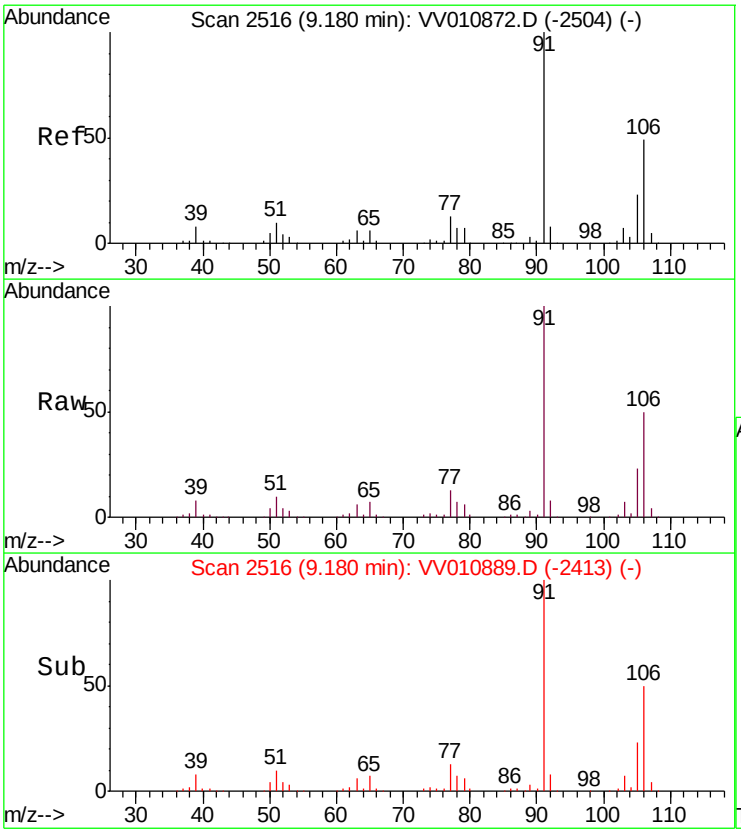
#53
Ethylbenzene
Concen: 24.540 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion: 91 Resp: 260661

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.9	40.7

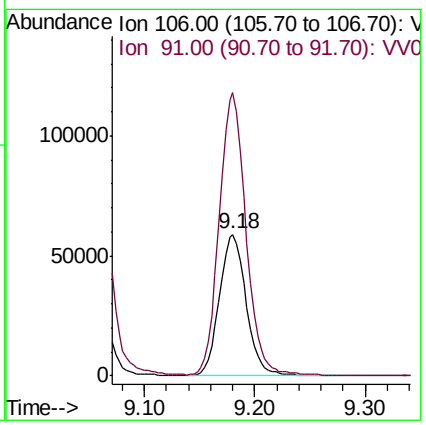


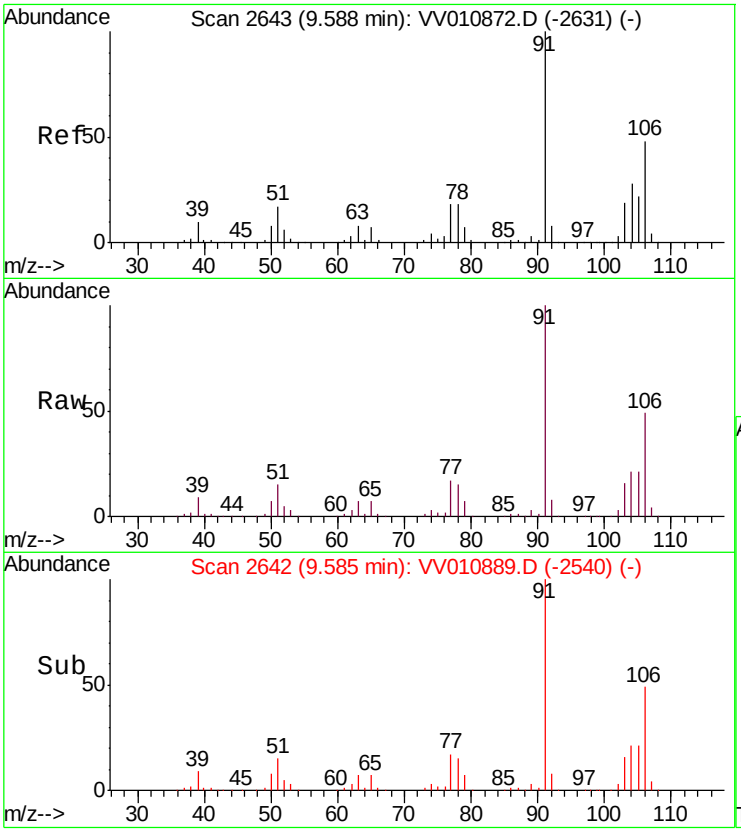


#54
m,p-Xylene
Concen: 23.845 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:106 Resp: 99795

Ion	Ratio	Lower	Upper
106	100		
91	199.9	140.6	261.0



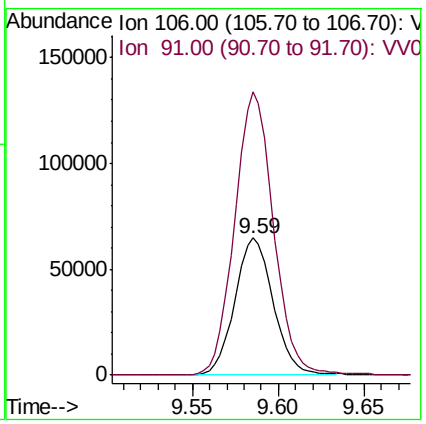


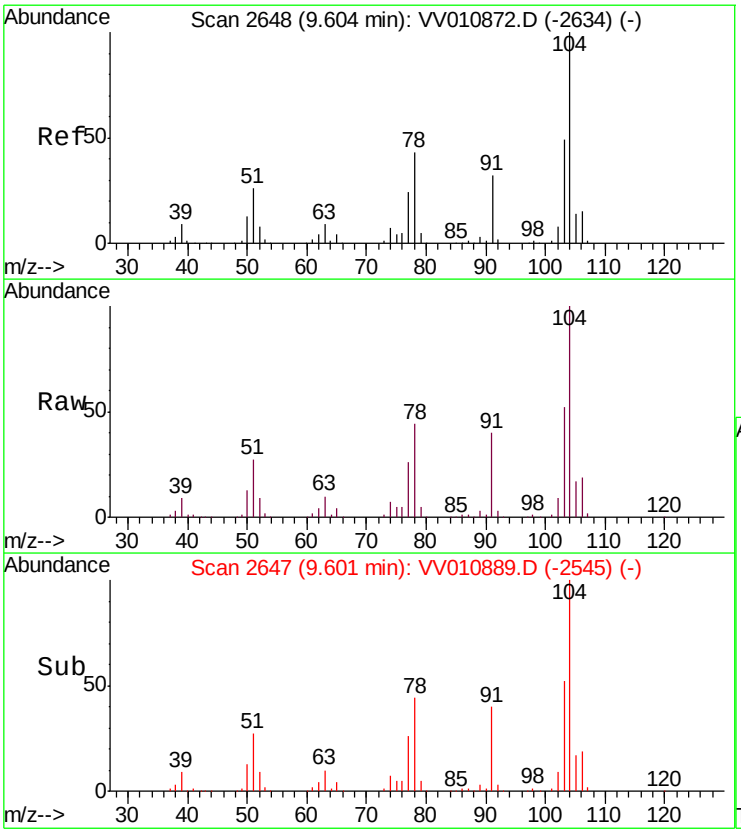
#55
o-xylene
Concen: 24.439 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion:106 Resp: 100490

Ion	Ratio	Lower	Upper
106	100		
91	206.1	146.9	272.9

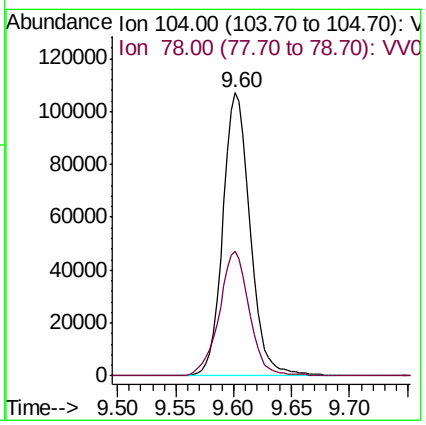


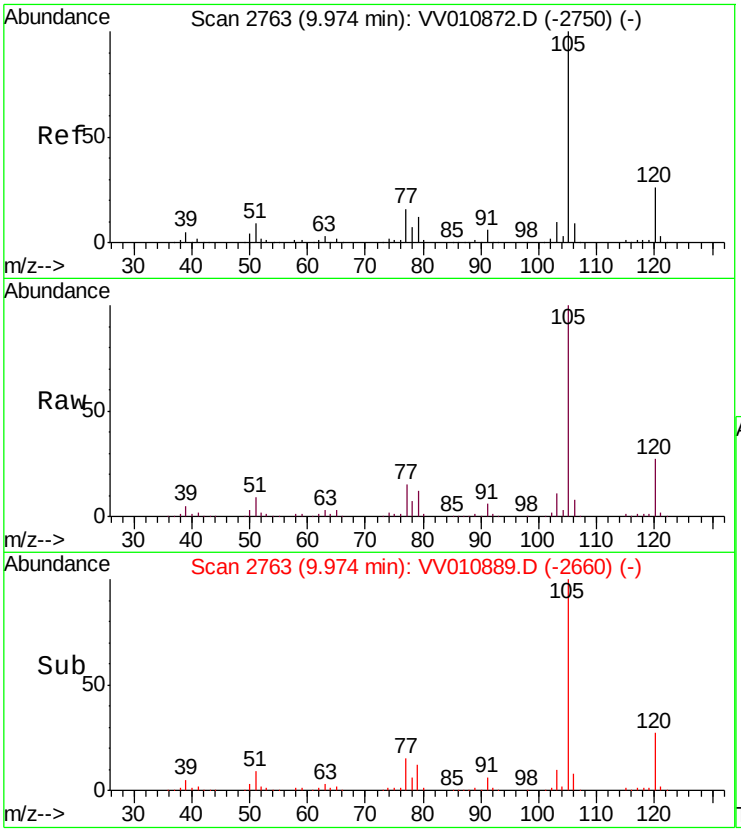


#56
Styrene
Concen: 24.830 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:104 Resp: 175067

Ion	Ratio	Lower	Upper
104	100		
78	44.2	30.0	55.8



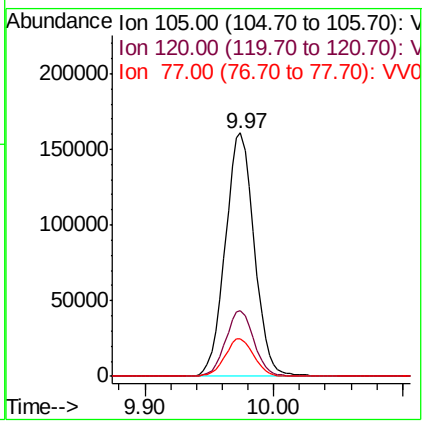


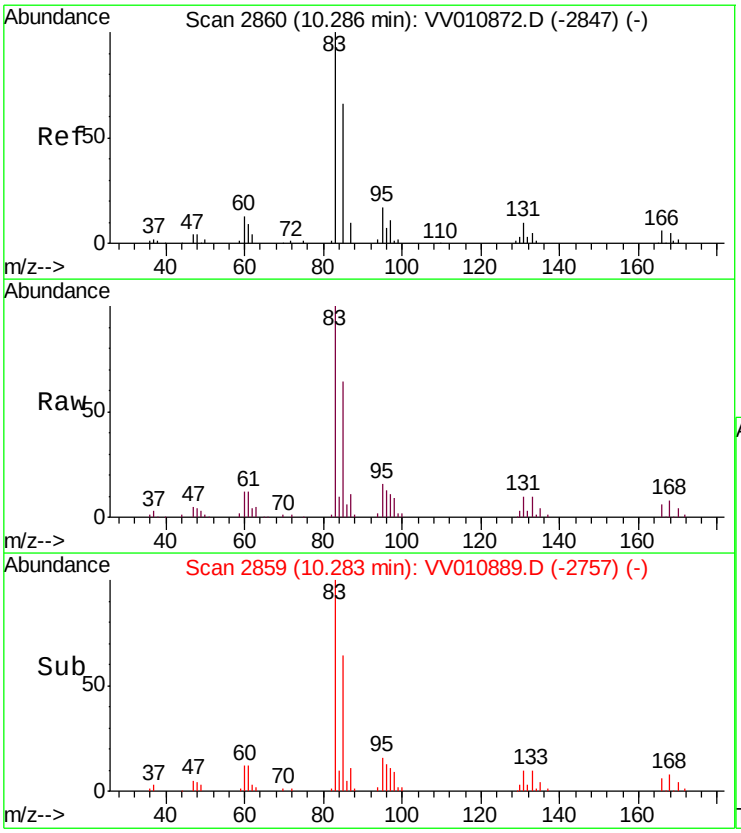
#57
Isopropylbenzene
Concen: 24.337 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Tgt Ion:105 Resp: 250489

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.0	31.4
77	15.4	12.2	18.4

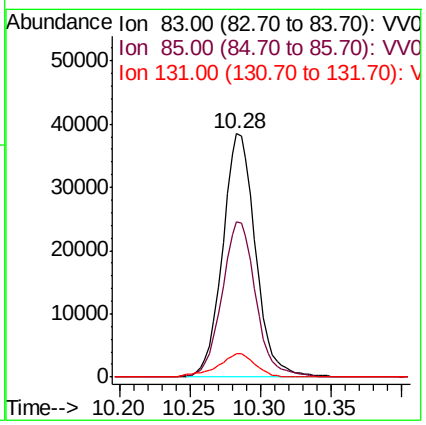


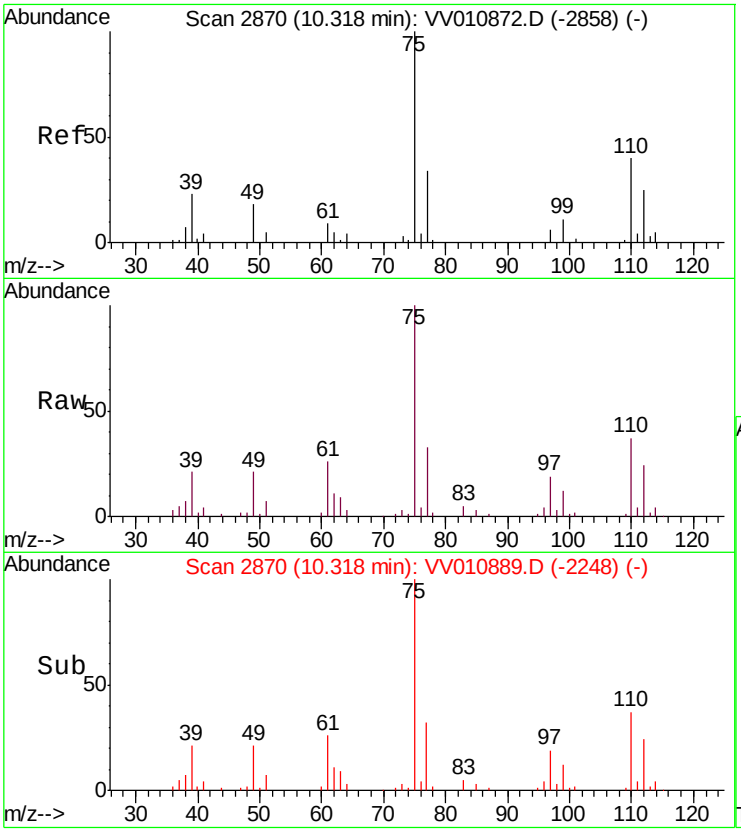


#58
1,1,2,2-Tetrachloroethane
Concen: 24.738 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 83 Resp: 62509

Ion	Ratio	Lower	Upper
83	100		
85	63.8	46.7	86.7
131	9.5	8.5	12.7



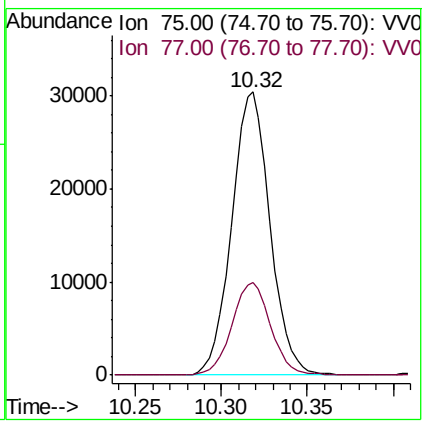


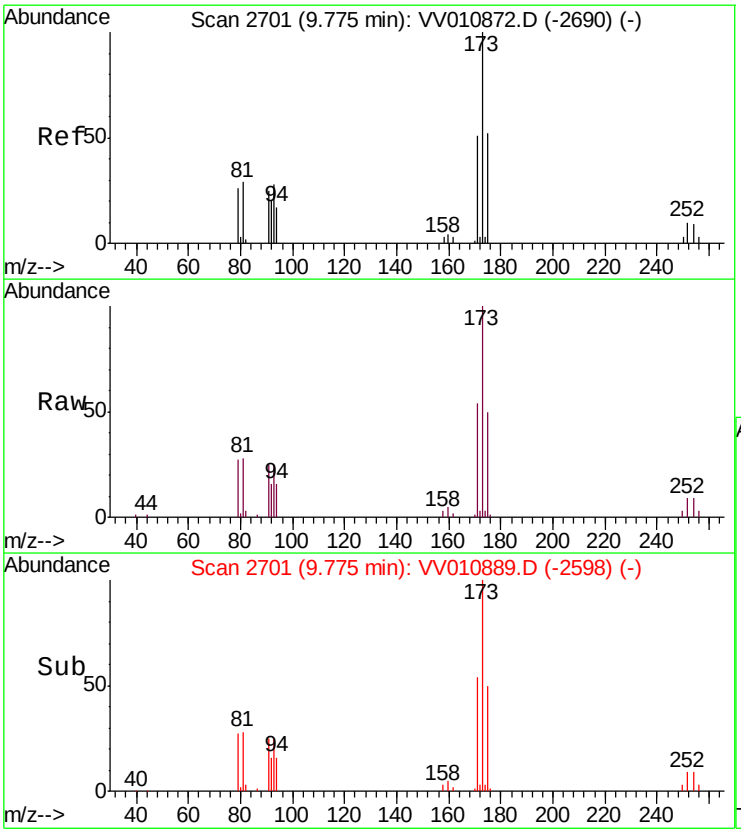
#59
1,2,3-Trichloropropane
Concen: 25.757 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument : MSVOA_V
ClientSampleId : VSTD02599

Tgt Ion: 75 Resp: 47156

Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.4	39.6

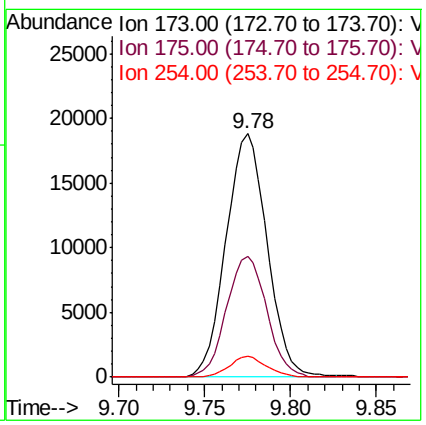


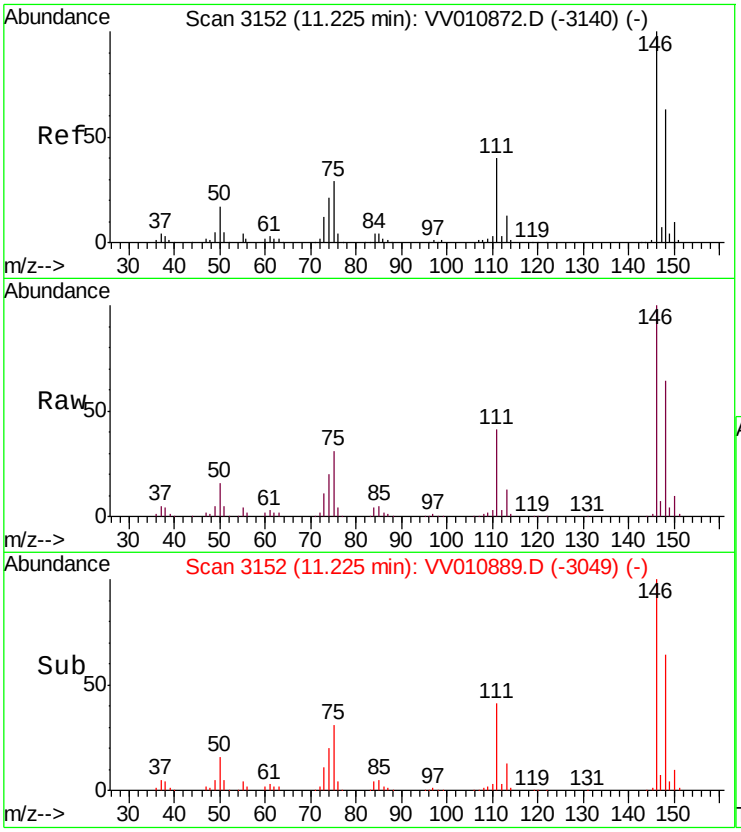


#62
Bromoform
Concen: 29.088 ug/L
RT: 9.78 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:173 Resp: 31254

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.1	57.1
254	7.7	5.4	8.2



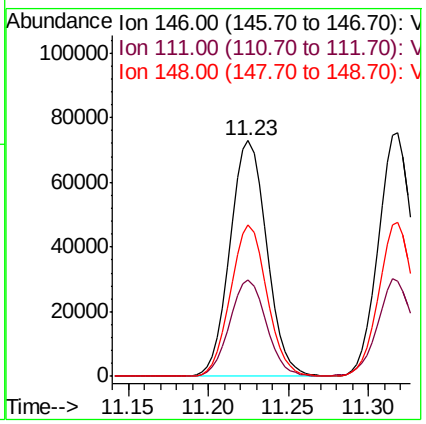


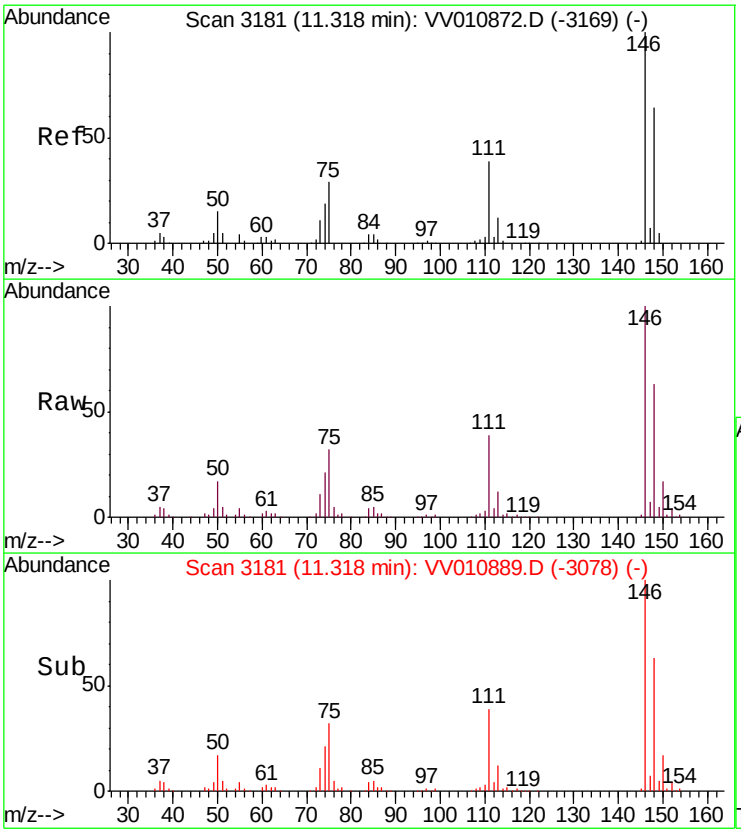
#63
1,3-Dichlorobenzene
Concen: 24.005 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion:146 Resp: 114170

Ion	Ratio	Lower	Upper
146	100		
111	40.7	28.1	52.1
148	64.0	44.4	82.5

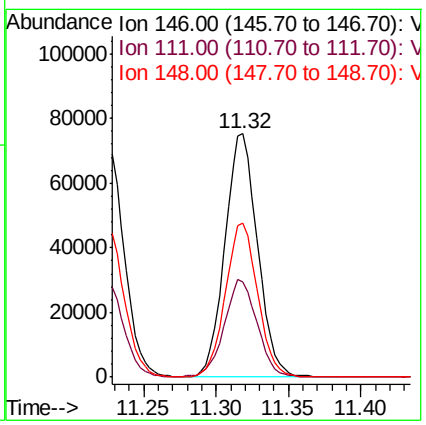


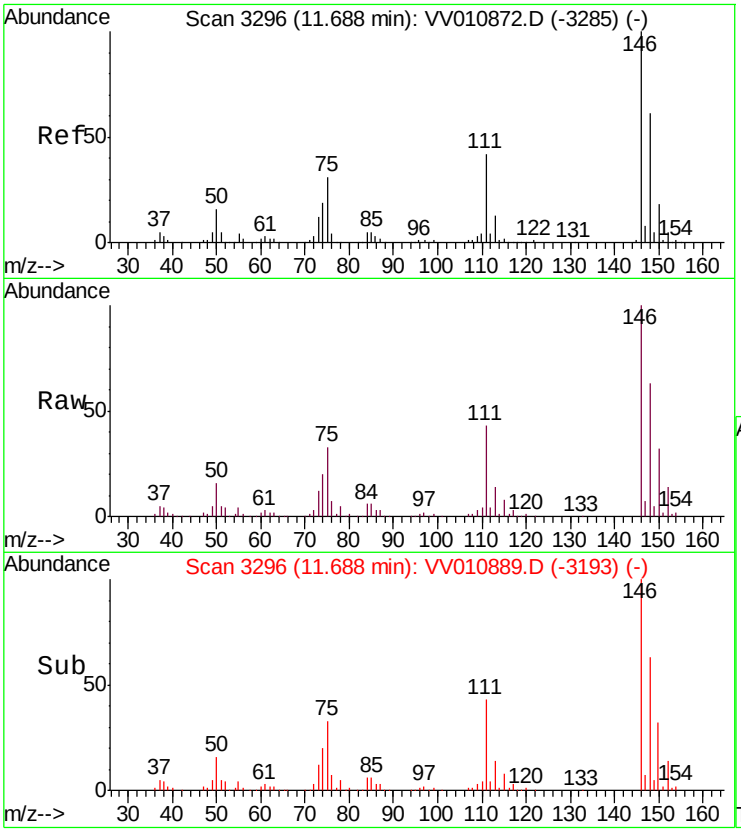


#64
1,4-Dichlorobenzene
Concen: 23.794 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:146 Resp: 117233

Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.9	51.7
148	63.3	45.9	85.3



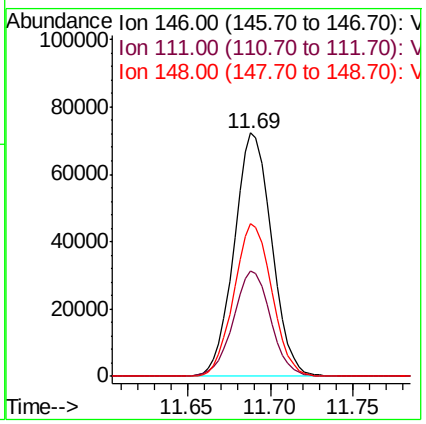


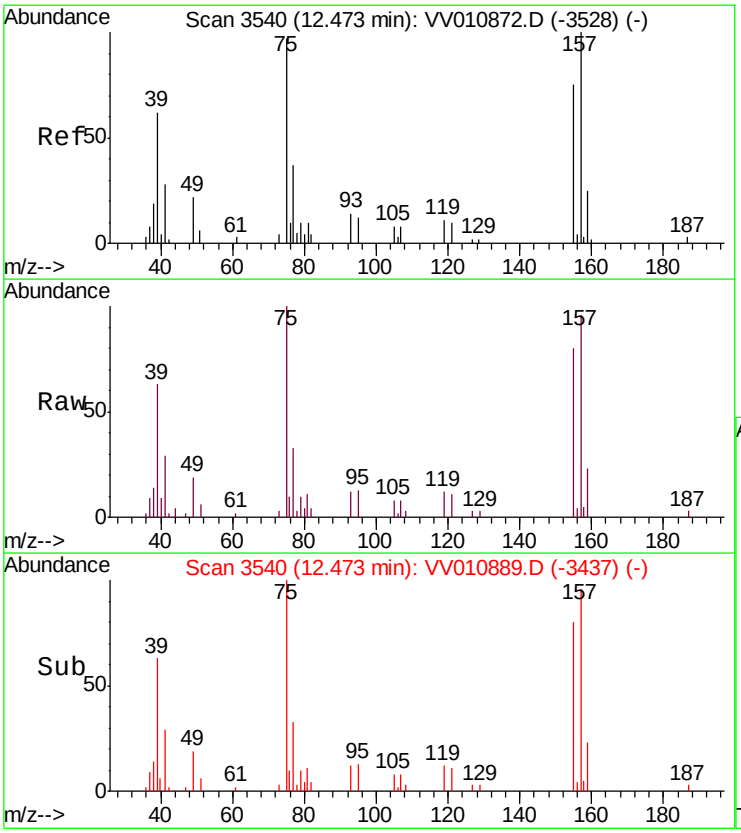
#65
1,2-Dichlorobenzene
Concen: 23.968 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion:146 Resp: 113727

Ion	Ratio	Lower	Upper
146	100		
111	43.1	33.4	50.0
148	62.6	49.1	73.7

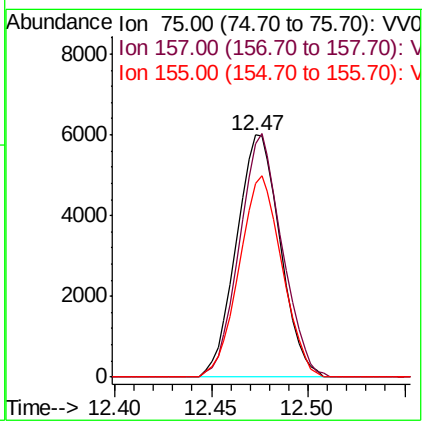


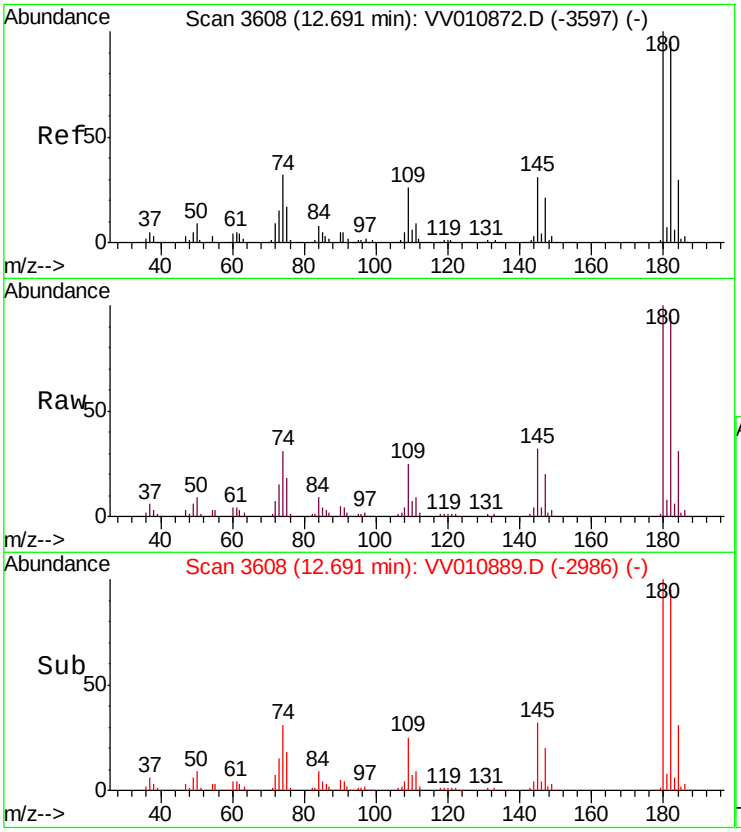


#66
1,2-Dibromo-3-chloropropane
Concen: 26.553 ug/L
RT: 12.47 min Scan# 3540
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion: 75 Resp: 9436

Ion	Ratio	Lower	Upper
75	100		
157	96.5	97.6	146.4#
155	80.2	63.6	95.4



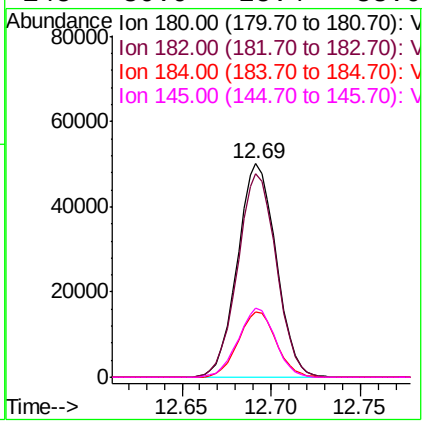


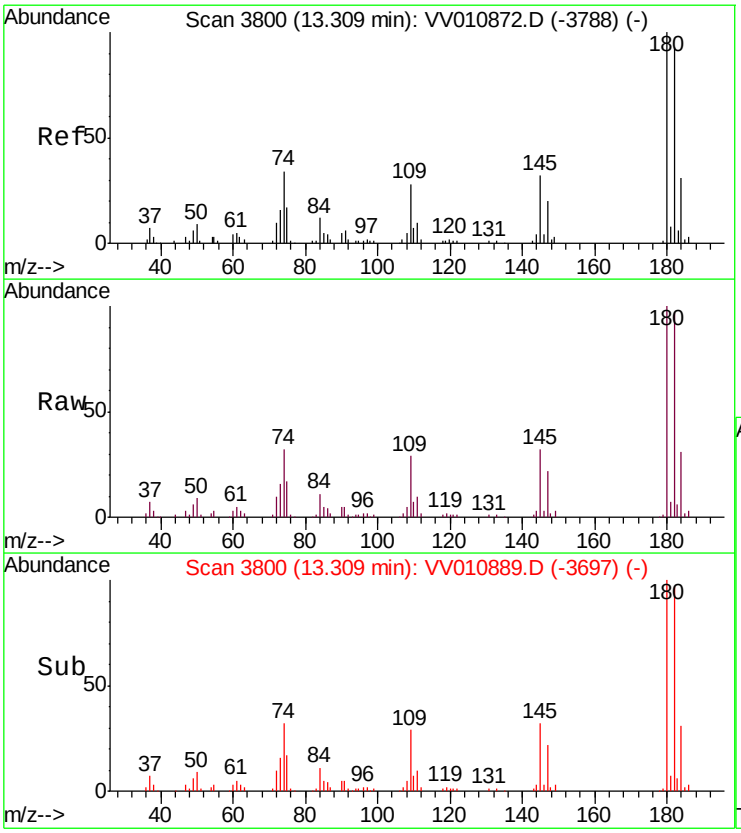
#67
1,3,5-Trichlorobenzene
Concen: 21.818 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion:180 Resp: 75624

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.9	113.9
184	30.1	24.1	36.1
145	30.9	25.4	38.0

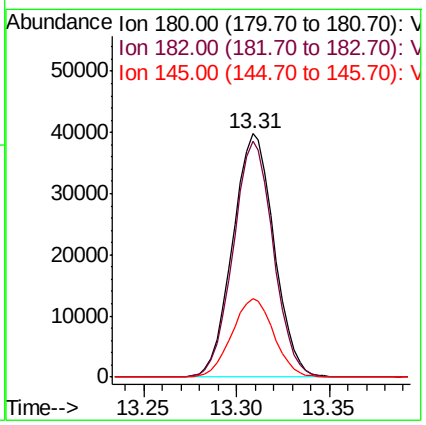


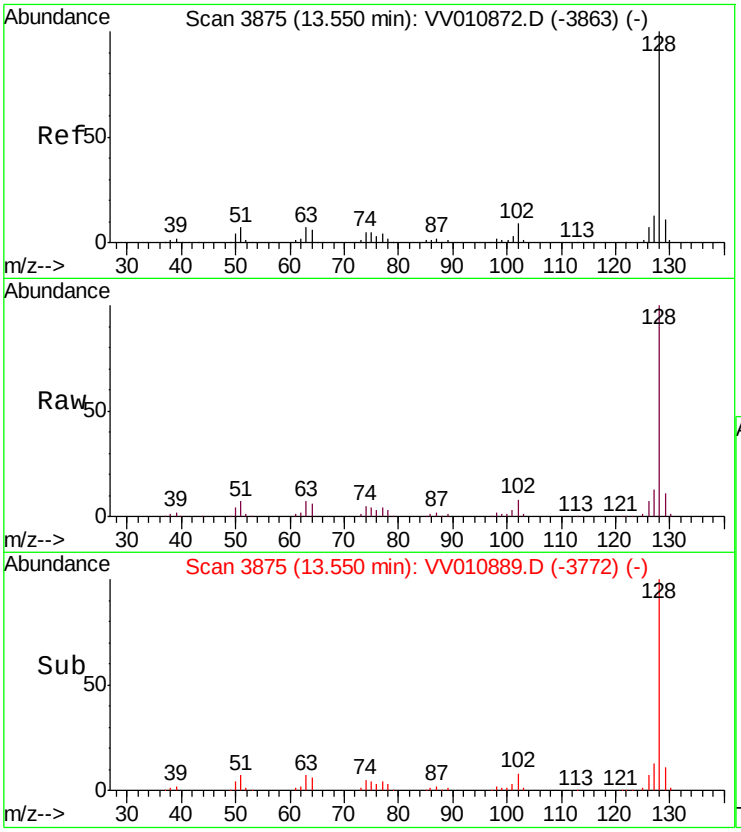


#68
1,2,4-trichlorobenzene
Concen: 22.089 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:180 Resp: 61824

Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.2	111.2
145	32.4	25.4	38.0



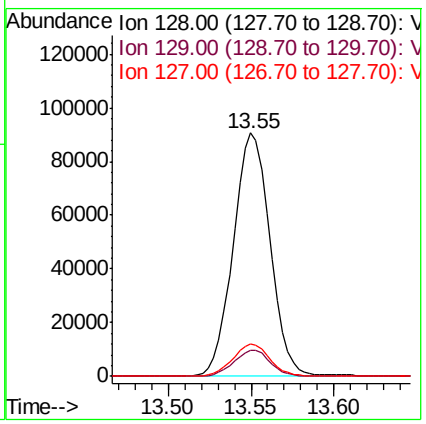


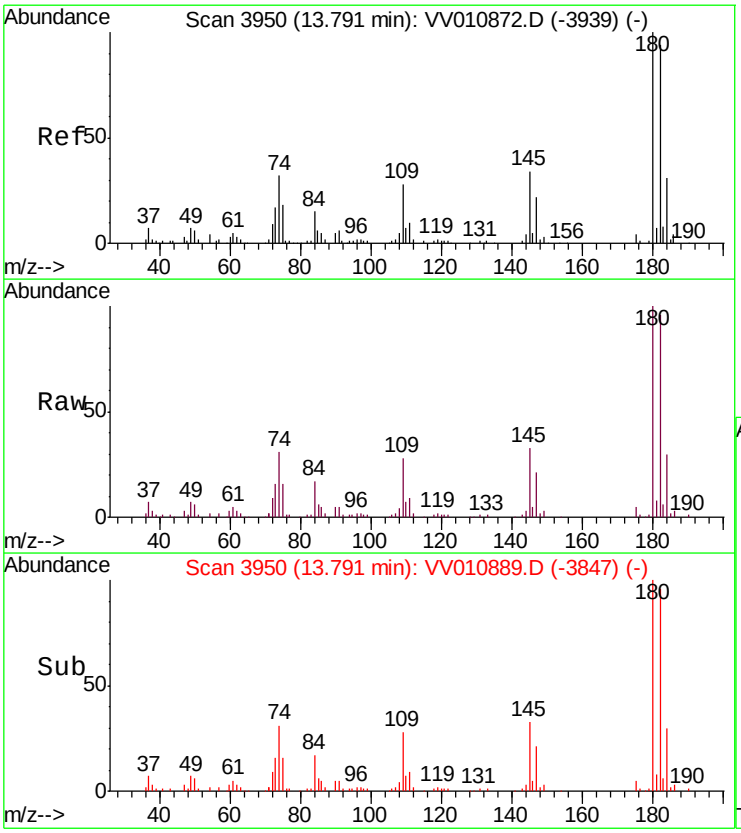
#69
Naphthalene
Concen: 23.885 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD02599

Tgt Ion:128 Resp: 140034

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.2	10.5	15.7





#70
1,2,3-Trichlorobenzene
Concen: 23.590 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV010889.D
Acq: 15 May 2019 06:37

Tgt Ion:180 Resp: 62839

Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.8	113.6
145	33.1	26.8	40.2