Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\

Quantitation Report (Not Reviewed)

Data File : VV013458.D
Acq On : 31 Oct 2019 20:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Quant Time: Nov 01 05:36:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	349134	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	362523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232727	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	134753	5.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.80%			
7) Chloroethane-d5	1.58	69	102343	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.13	63	242044	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.20%			
20) 2-Butanone-d5	3.94	46	428628	53.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.54%			
24) Chloroform-d	4.40	84	305561	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.08	65	159805	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.10	84	601976	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.12	67	188737	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.36	98	554010	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloropropene-	7.66	79	72724	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.13	63	276465	49.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.70%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	140307	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	218302	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	215667	5.177	ug/L	100
3) Chloromethane	1.25	50	190327	5.538	ug/L	96
5) Vinyl chloride	1.32	62	194155	5.583	ug/L	97
6) Bromomethane	1.54	94	86571	5.292	ug/L	100
8) Chloroethane	1.60	64	99693	5.232	ug/L	96
9) Trichlorofluoromethane	1.77	101	252206	5.464	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	139873	5.319	ug/L	98
12) 1,1-Dichloroethene	2.14	96	134191	5.449	ug/L	96
13) Acetone	2.20	43	220622	61.083	ug/L	98
14) Carbon disulfide	2.32	76	401588	5.258	ug/L	100
15) Methyl Acetate	2.46	43	74090	5.777	ug/L	99
16) Methylene chloride	2.53	84	174757	4.695	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	382426	5.224	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	167958	5.143	ug/L	97
19) 1,1-Dichloroethane	3.23	63	316279	5.315	ug/L	100
21) 2-Butanone	4.02	43	476092	58.343	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	180860	5.260	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\

Quantitation Report (Not Reviewed)

Data File : VV013458.D
Acq On : 31 Oct 2019 20:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Quant Time: Nov 01 05:36:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	78810	5.132	ug/L	95
25) Chloroform	4.43	83	326067	4.970	ug/L	100
27) 1,2-Dichloroethane	5.18	62	197299	5.345	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	271380	5.281	ug/L	100
30) Cyclohexane	4.72	56	279950	5.040	ug/L	98
31) Carbon tetrachloride	4.87	117	240938	5.270	ug/L	99
33) Benzene	5.14	78	695008	5.392	ug/L	100
34) Trichloroethene	5.96	95	181679	5.191	ug/L	99
35) Methylcyclohexane	6.17	83	273584	5.041	ug/L	98
37) 1,2-Dichloropropane	6.22	63	175655	5.440	ug/L	100
38) Bromodichloromethane	6.55	83	216371	5.177	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	236462	5.223	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	1138071	55.172	ug/L	98
42) Toluene	7.43	91	727825	5.430	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	182090	5.142	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	120805	5.265	ug/L	98
47) Tetrachloroethene	8.02	164	155104	5.160	ug/L	96
48) 2-Hexanone	8.18	43	817483	54.886	ug/L	98
49) Dibromochloromethane	8.29	129	146197	5.232	ug/L	96
50) 1,2-Dibromoethane	8.39	107	112116	5.184	ug/L	96
51) Chlorobenzene	8.92	112	458010	5.265	ug/L	98
52) Ethylbenzene	9.05	91	762072	5.352	ug/L	99
53) m,p-xylene	9.18	106	297459	5.458	ug/L	99
54) o-xylene	9.59	106	282389	5.407	ug/L	99
55) Styrene	9.60	104	493068	5.547	ug/L	99
56) Isopropylbenzene	9.97	105	754278	5.434	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	135263	5.102	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	104487	4.998	ug/L	97
61) Bromoform	9.77	173	83853	4.900	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	387864	5.155	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	386183	5.058	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	350916	5.047	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	20307	4.801	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	295553	4.878	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	234412	4.635	ug/L	100
69) Naphthalene	13.55	128	337818	4.555	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	224361	4.815	ug/L	99

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

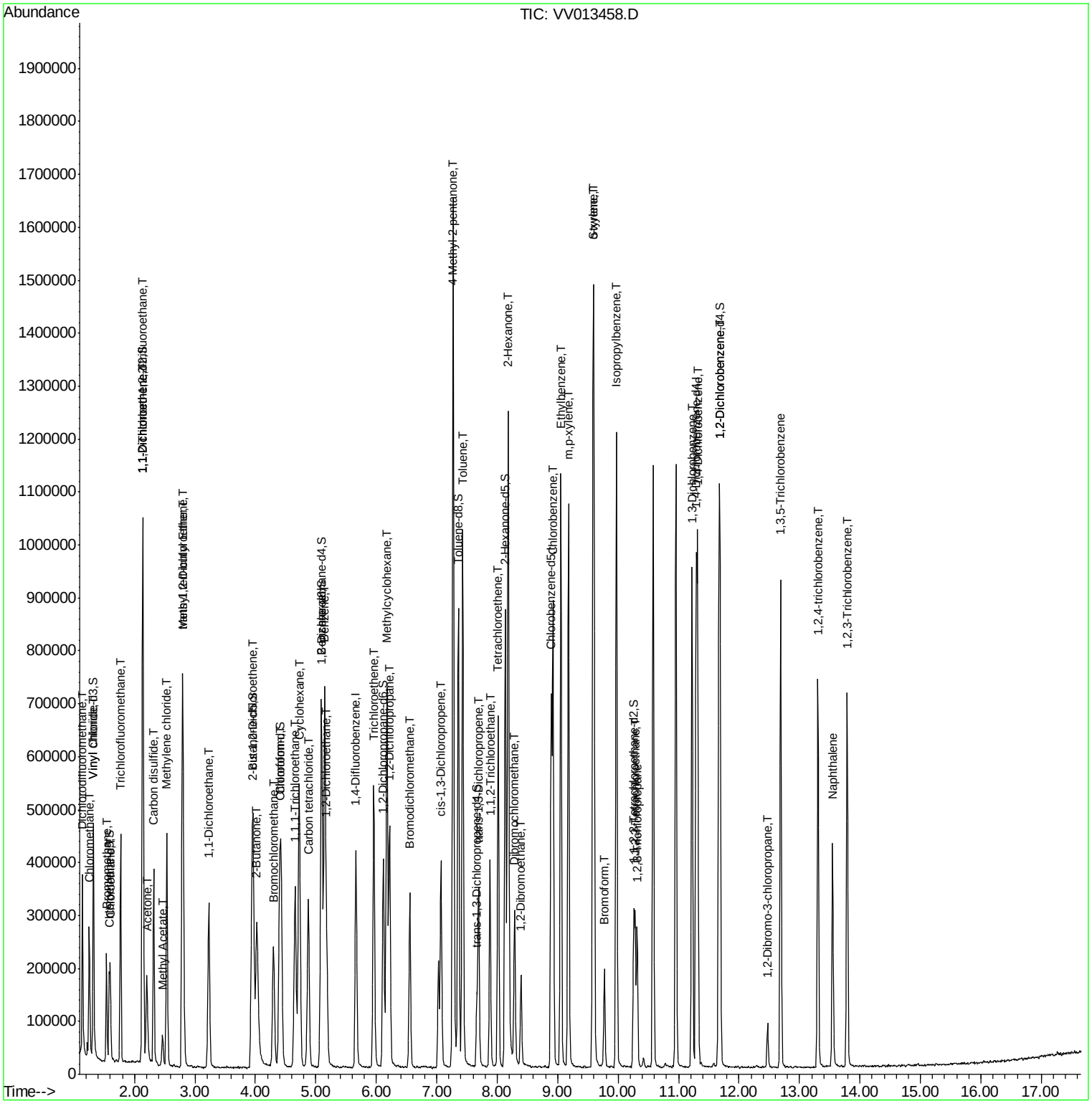
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\

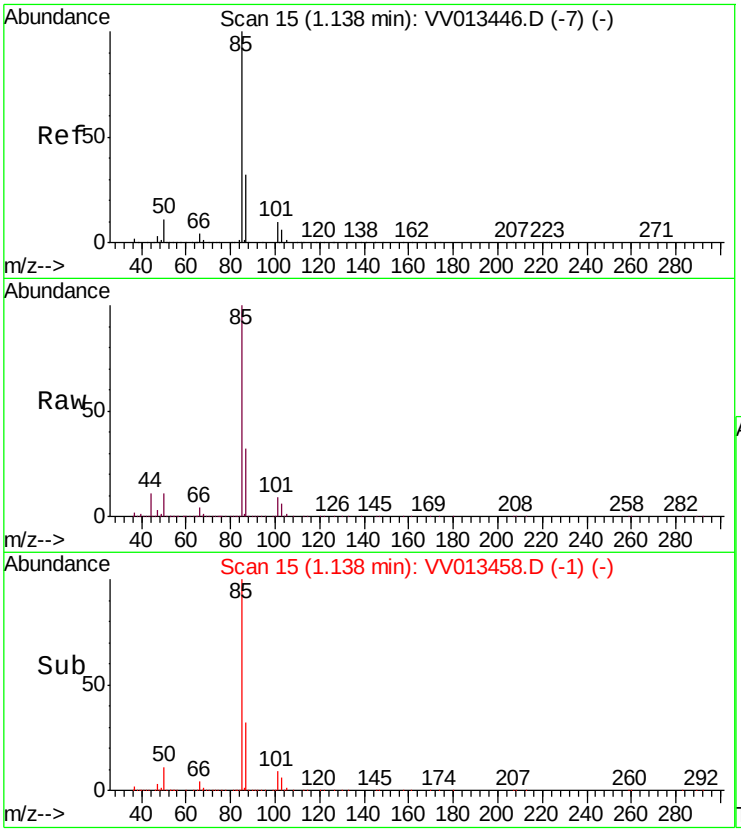
Quantitation Report (Not Reviewed)

Data File : VV013458.D
Acq On : 31 Oct 2019 20:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Quant Time: Nov 01 05:36:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration



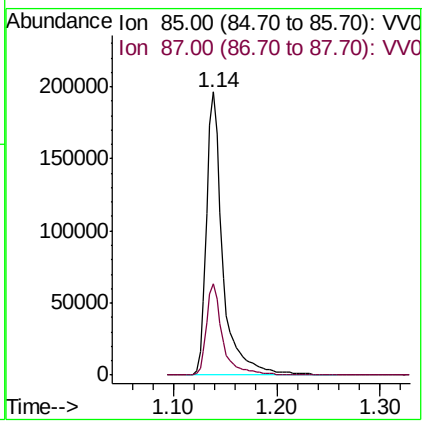


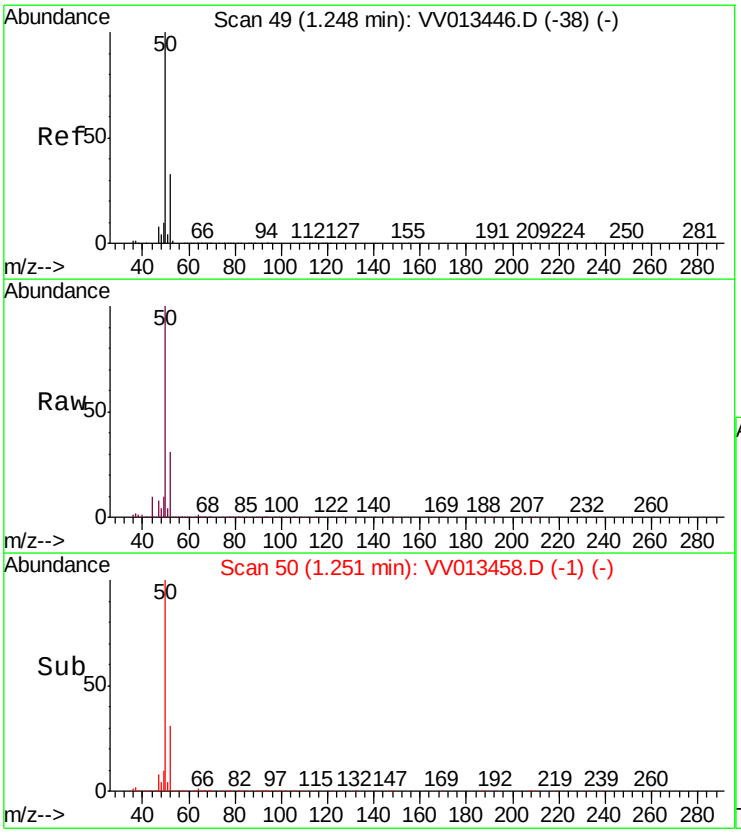
#2
Dichlorodifluoromethane
Concen: 5.177 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 85 Resp: 215667

Ion	Ratio	Lower	Upper
85	100		
87	32.0	25.6	38.4

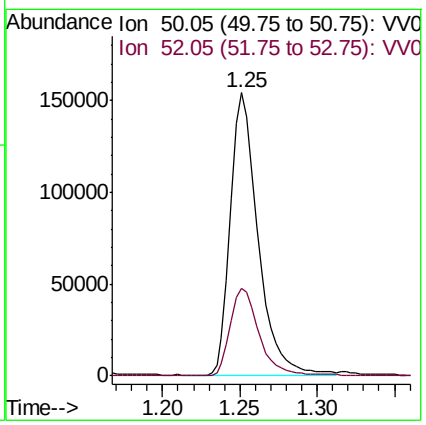


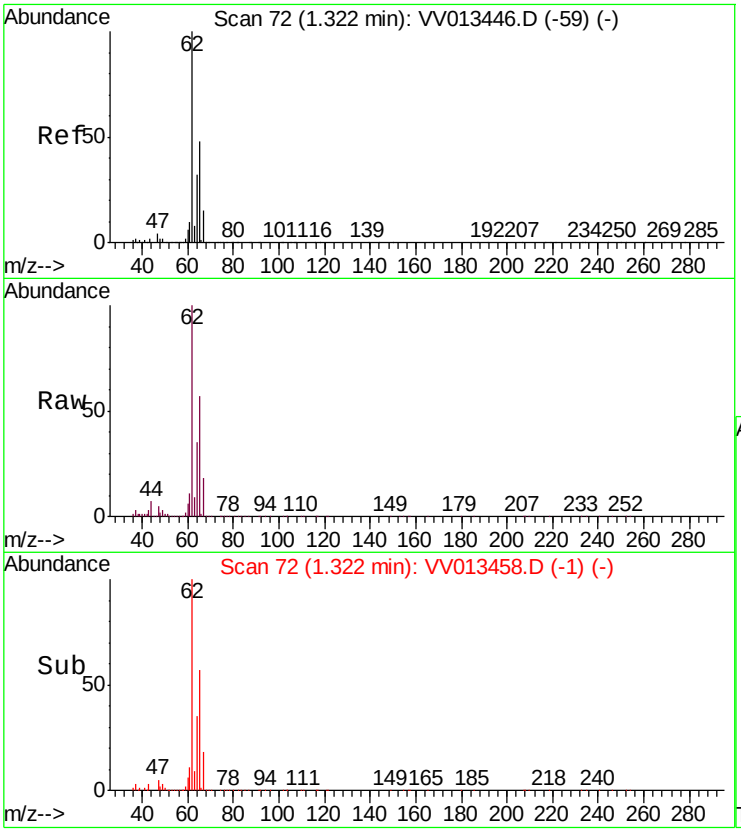


#3
Chloromethane
Concen: 5.538 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 50 Resp: 190327

Ion	Ratio	Lower	Upper
50	100		
52	31.1	23.4	43.6



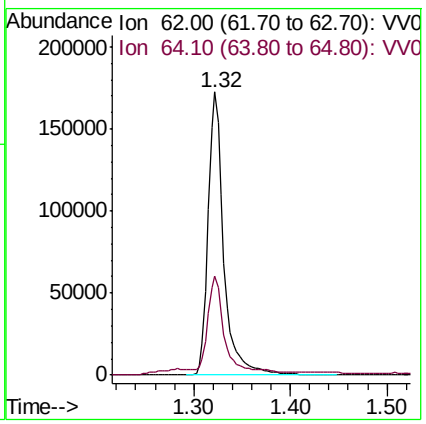


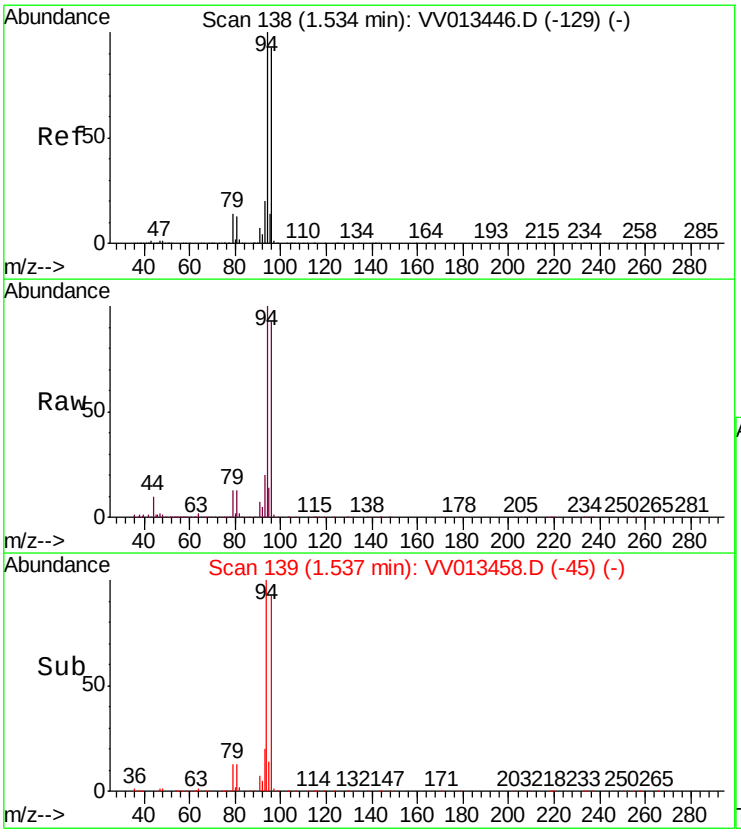
#5
Vinyl chloride
Concen: 5.583 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 62 Resp: 194155

Ion	Ratio	Lower	Upper
62	100		
64	34.9	23.1	42.9

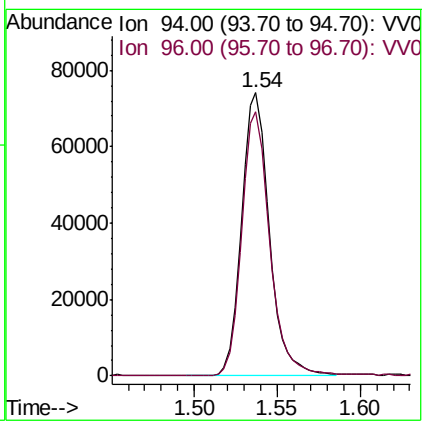


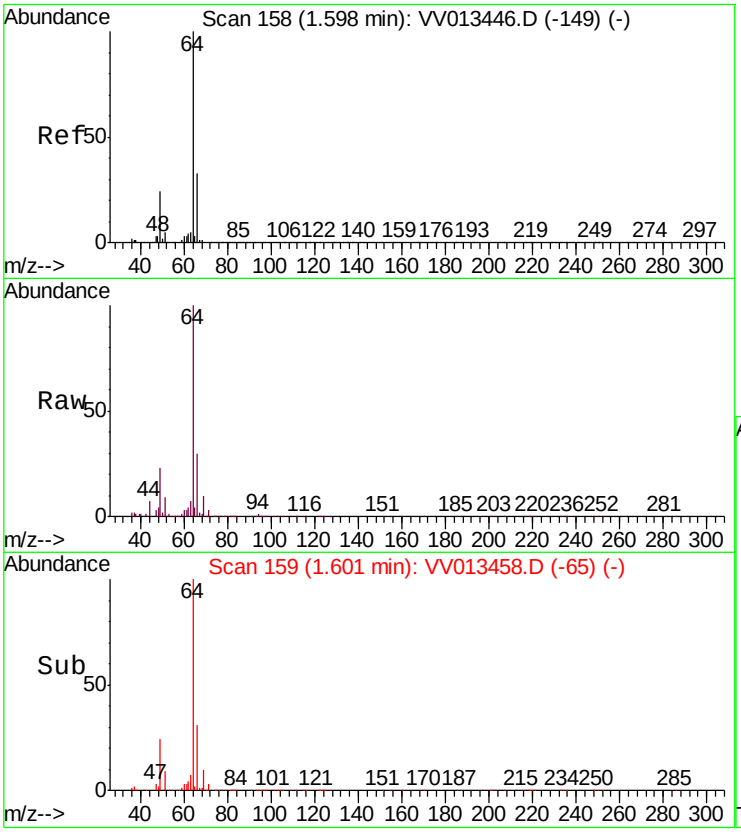


#6
Bromomethane
Concen: 5.292 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 94 Resp: 86571

Ion	Ratio	Lower	Upper
94	100		
96	93.1	65.2	121.2



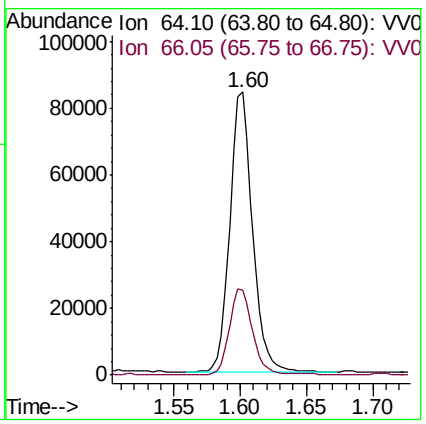


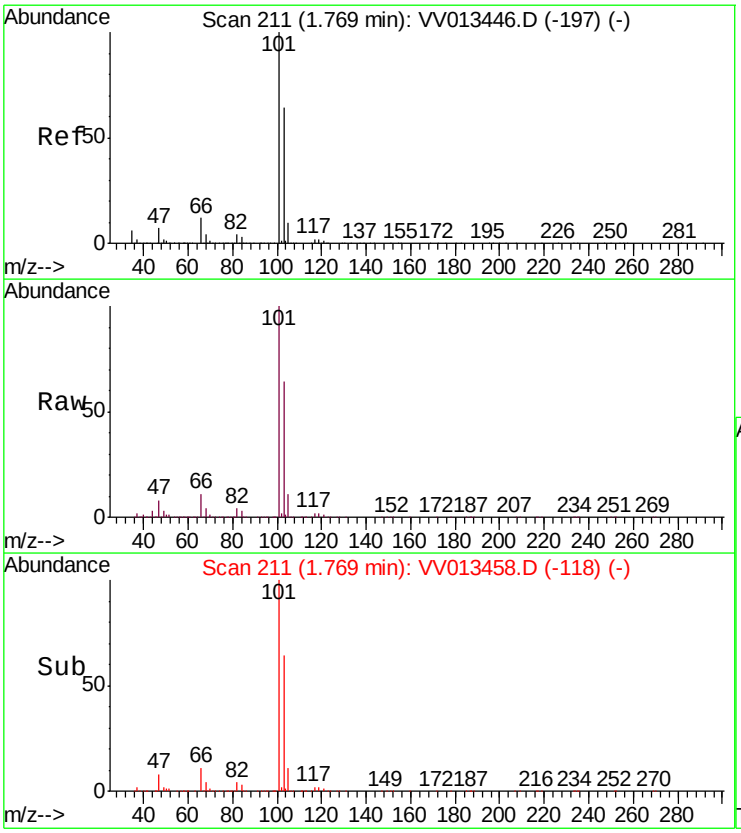
#8
Chloroethane
Concen: 5.232 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 64 Resp: 99693

Ion	Ratio	Lower	Upper
64	100		
66	30.1	22.8	42.4

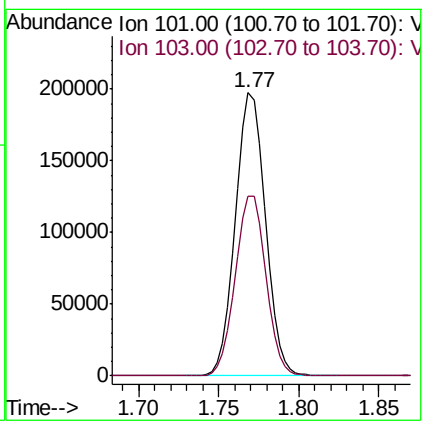


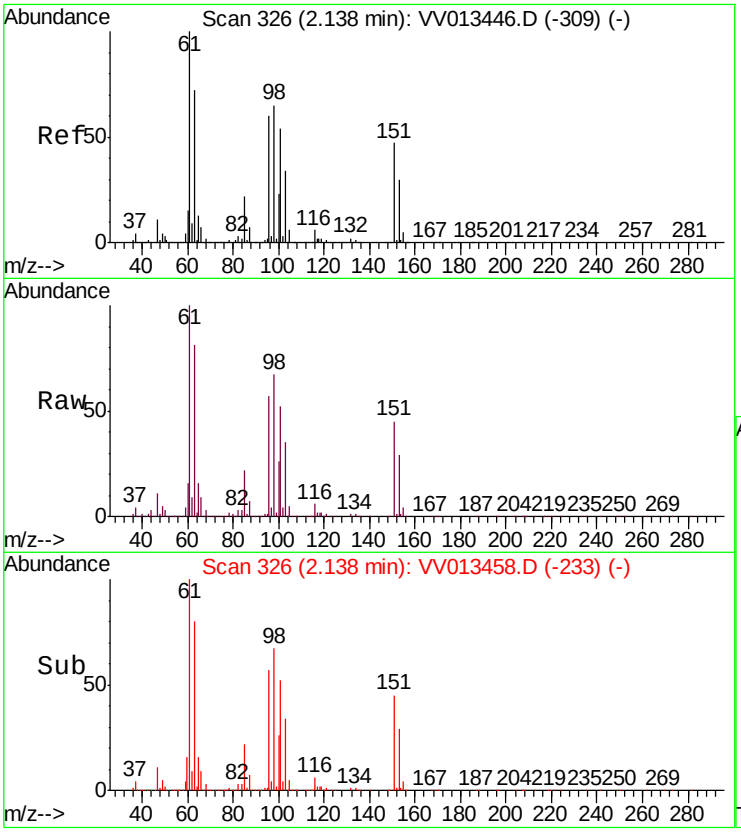


#9
Trichlorofluoromethane
Concen: 5.464 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:101 Resp: 252206

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.1	78.1



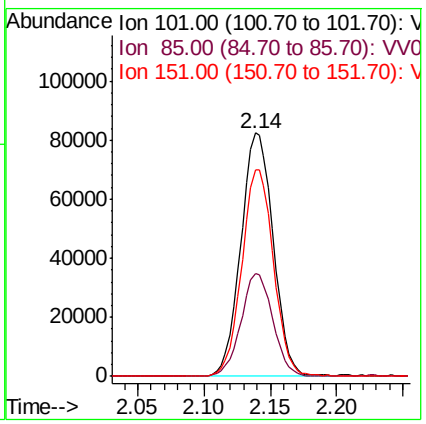


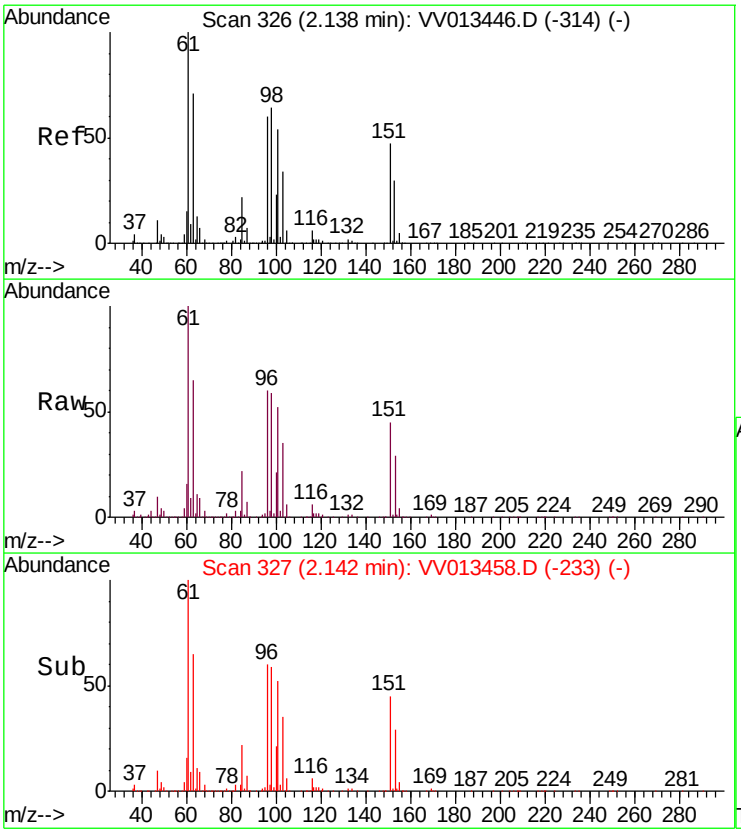
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.319 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion:101 Resp: 139873

Ion	Ratio	Lower	Upper
101	100		
85	41.4	33.1	49.7
151	83.0	68.8	103.2

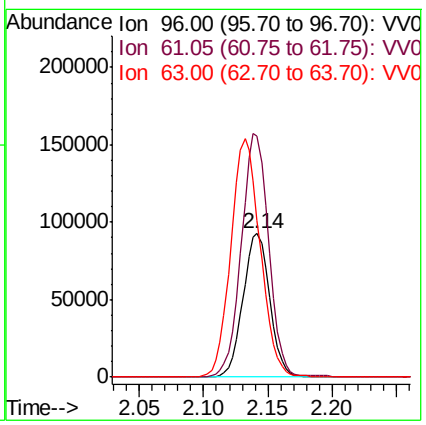


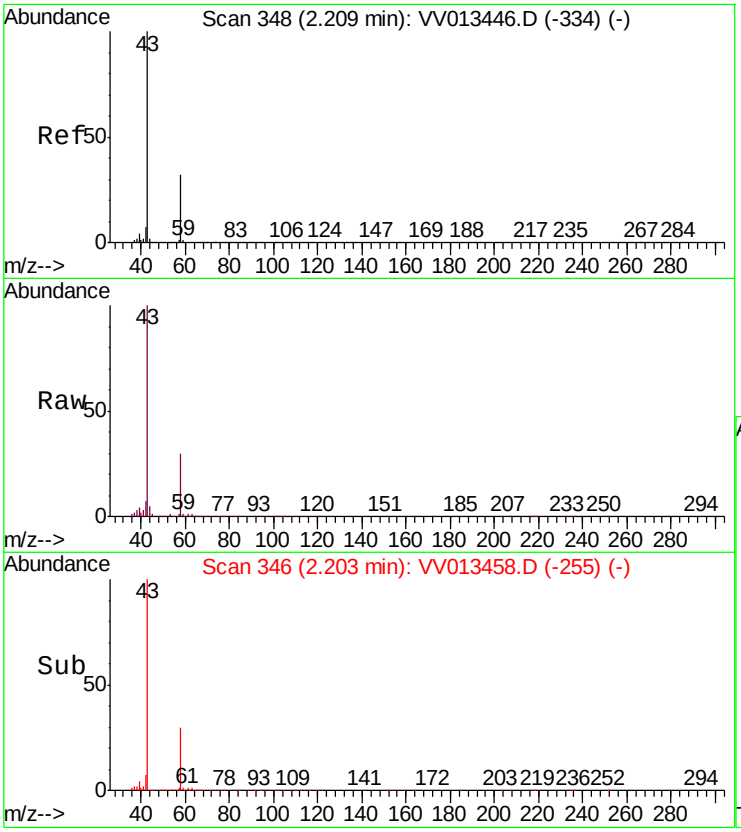


#12
1,1-Dichloroethene
Concen: 5.449 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 96 Resp: 134191

Ion	Ratio	Lower	Upper
96	100		
61	167.8	117.1	217.5
63	109.4	84.1	156.3



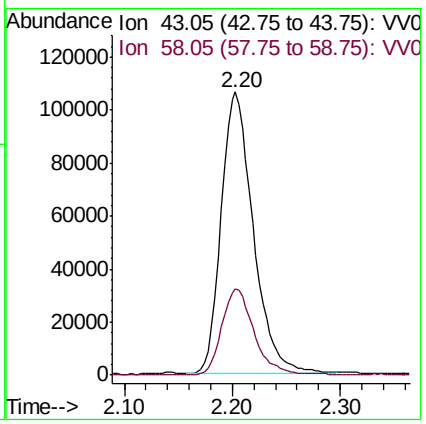


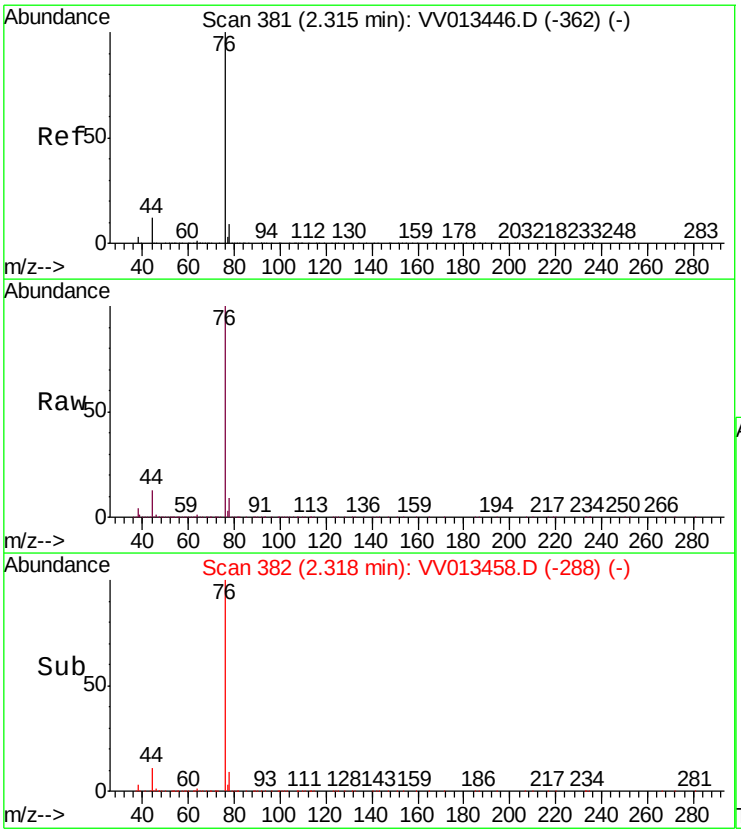
#13
Acetone
Concen: 61.083 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.01 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 43 Resp: 220622

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	58.0

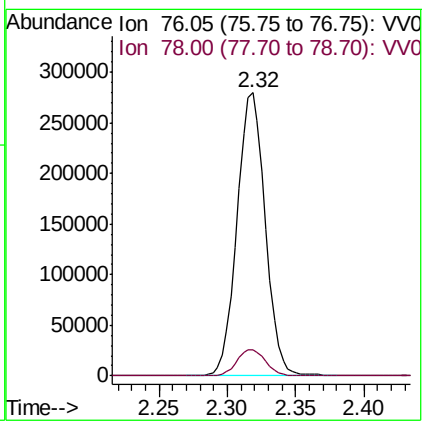


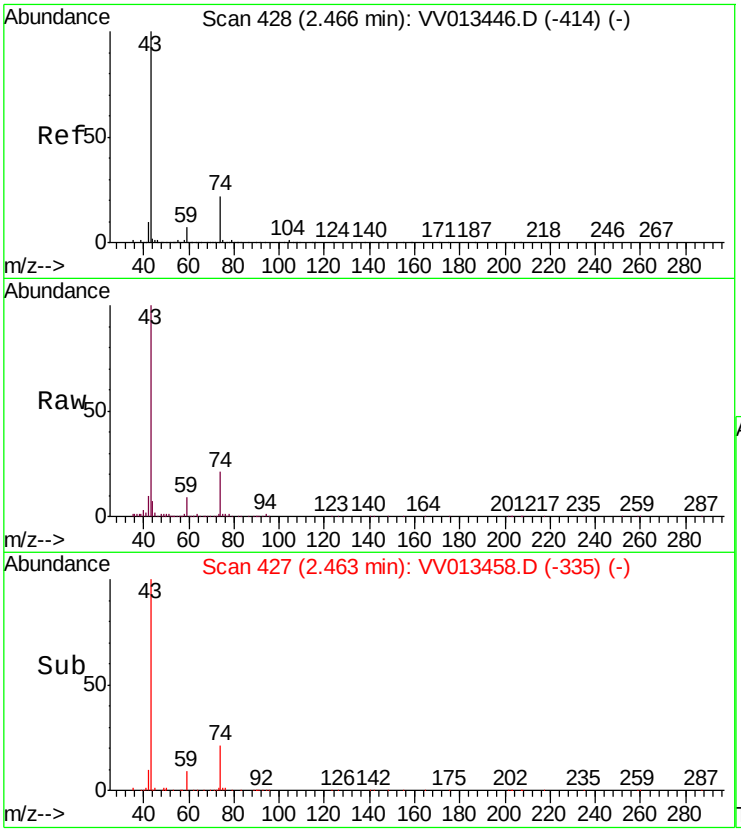


#14
Carbon disulfide
Concen: 5.258 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 76 Resp: 401588

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0



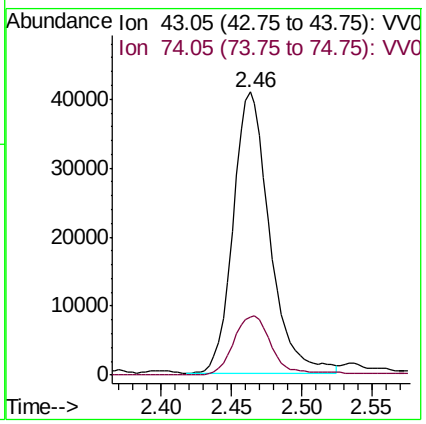


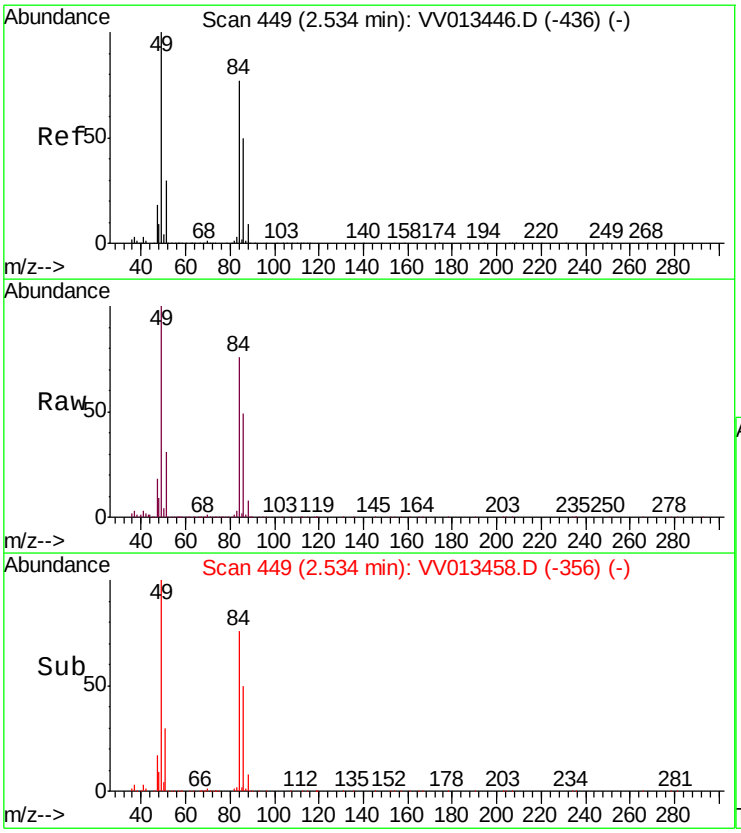
#15
Methyl Acetate
Concen: 5.777 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Tgt Ion: 43 Resp: 74090

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.8	26.8

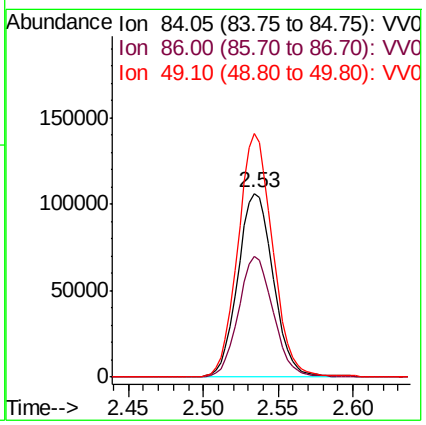


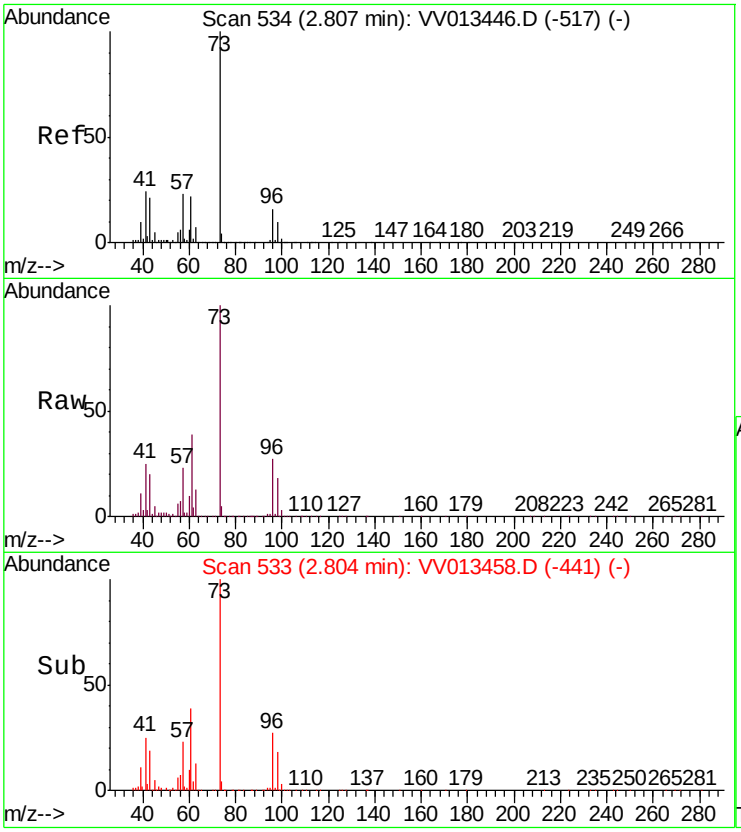


#16
Methylene chloride
Concen: 4.695 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 84 Resp: 174757

Ion	Ratio	Lower	Upper
84	100		
86	65.5	45.3	84.1
49	132.4	90.4	168.0



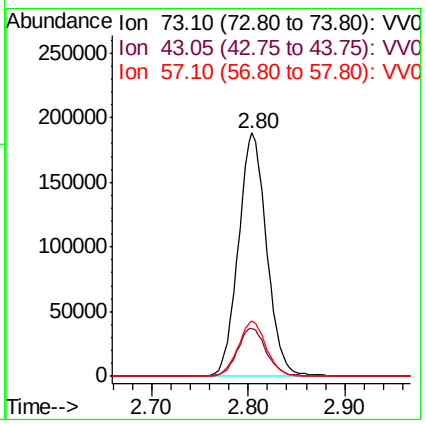


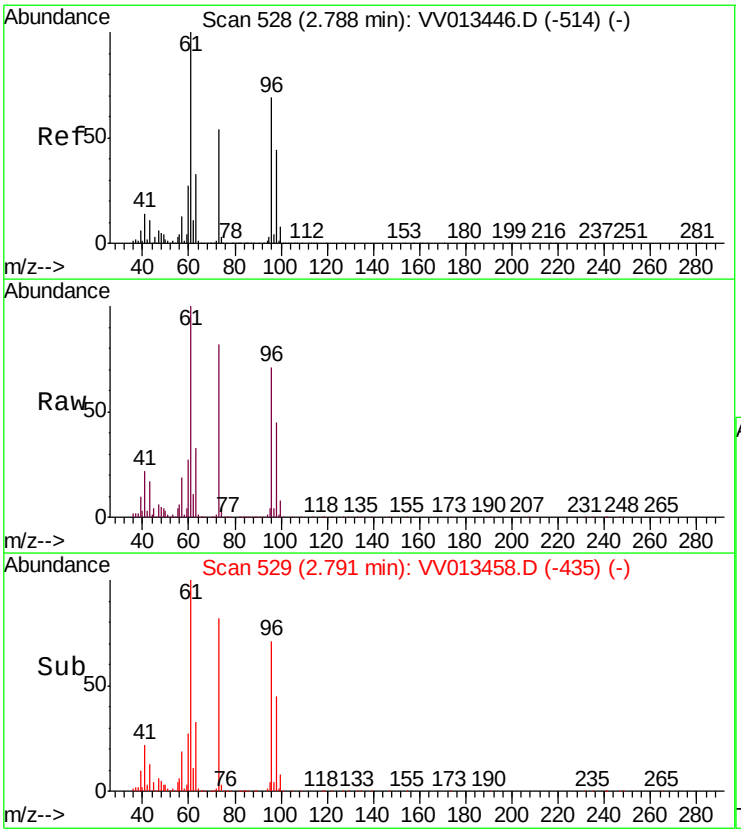
#17
Methyl tert-butyl Ether
Concen: 5.224 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Tgt Ion: 73 Resp: 382426

Ion	Ratio	Lower	Upper
73	100		
43	20.4	15.9	23.9
57	22.3	18.5	27.7

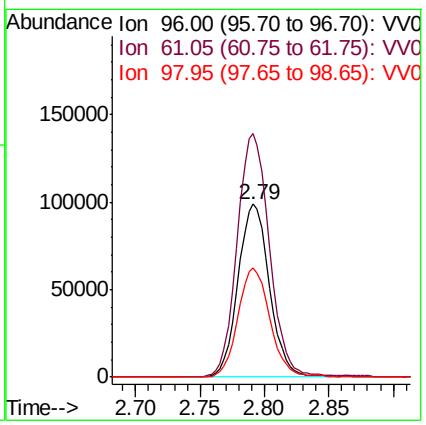


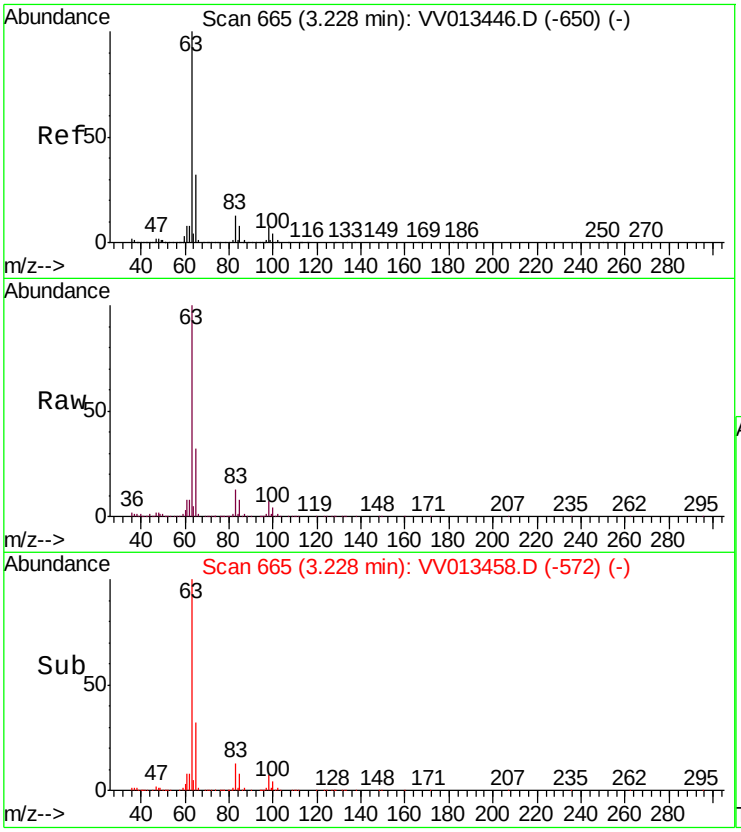


#18
trans-1,2-Dichloroethene
Concen: 5.143 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 96 Resp: 167958

Ion	Ratio	Lower	Upper
96	100		
61	140.9	102.2	189.8
98	63.2	44.9	83.5



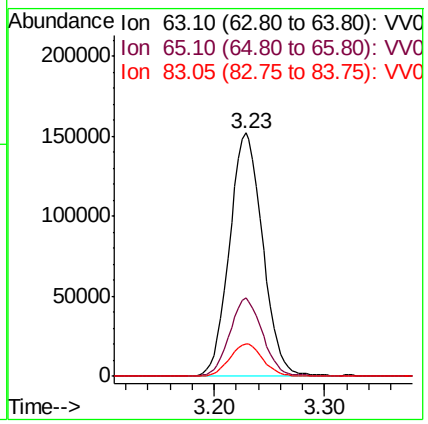


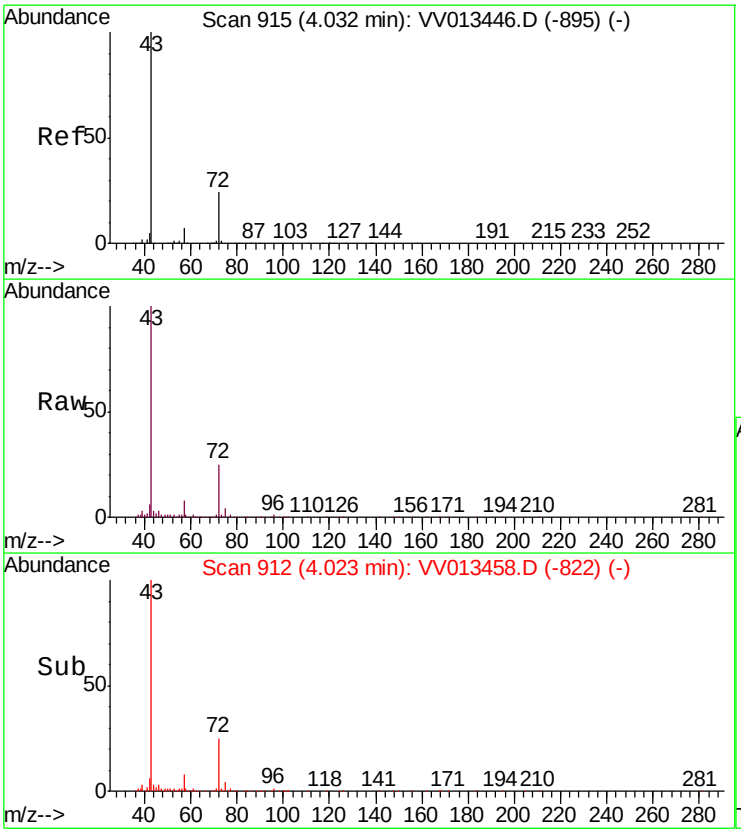
#19
1,1-Dichloroethane
Concen: 5.315 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Tgt Ion: 63 Resp: 316279

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.5	41.7
83	13.3	9.1	16.9

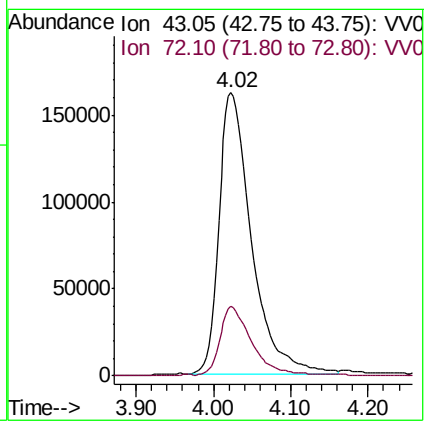


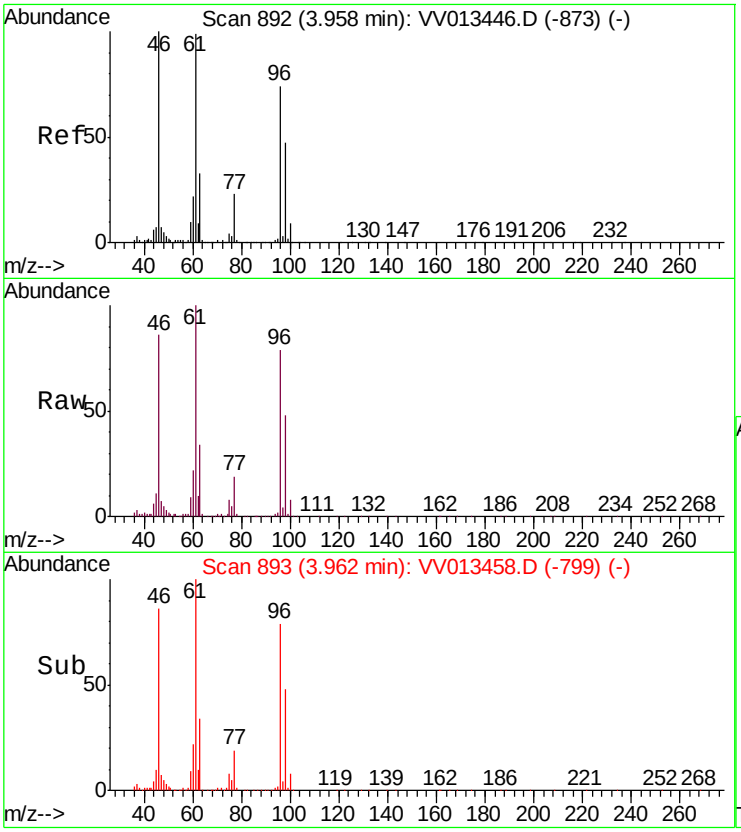


#21
2-Butanone
Concen: 58.343 ug/L
RT: 4.02 min Scan# 912
Delta R.T. -0.01 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 43 Resp: 476092

Ion	Ratio	Lower	Upper
43	100		
72	23.7	10.9	32.7



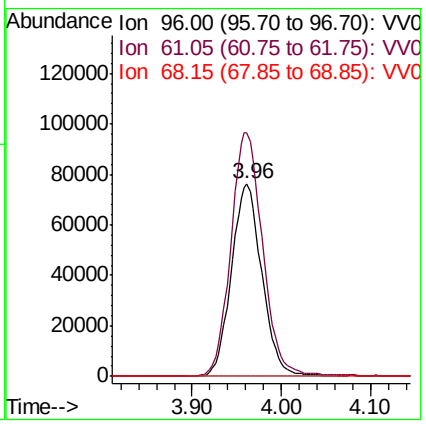


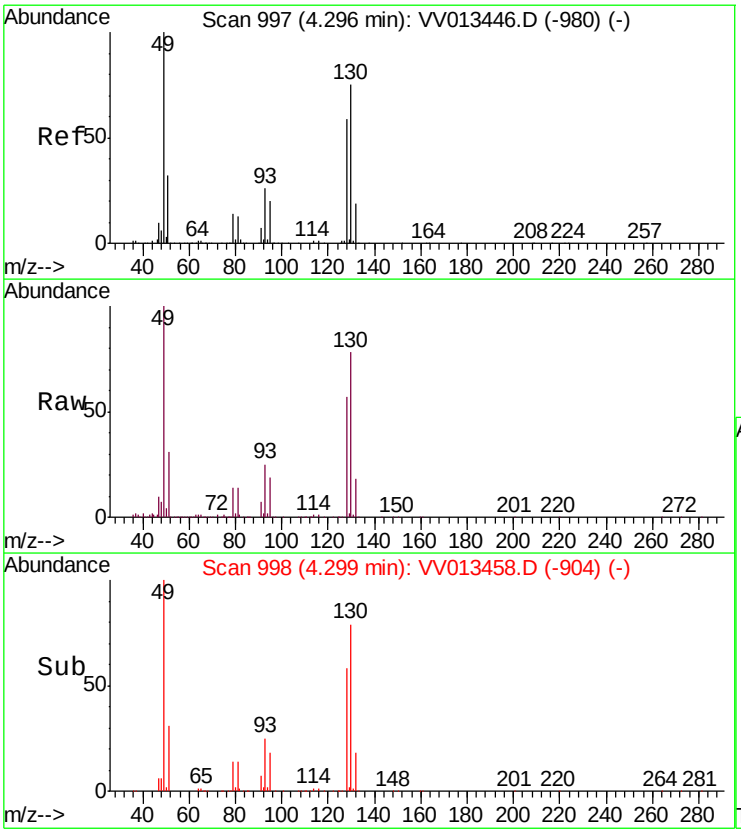
#22
cis-1,2-Dichloroethene
Concen: 5.260 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 96 Resp: 180860

Ion	Ratio	Lower	Upper
96	100		
61	126.2	94.2	175.0
68	0.2	0.1	0.3

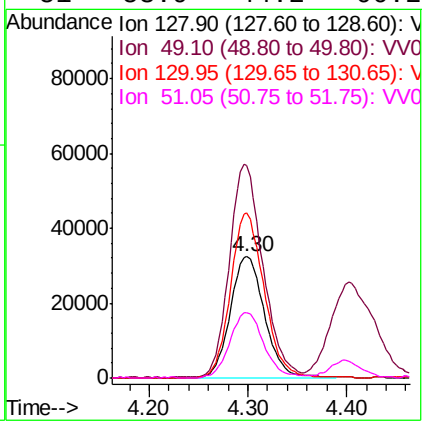


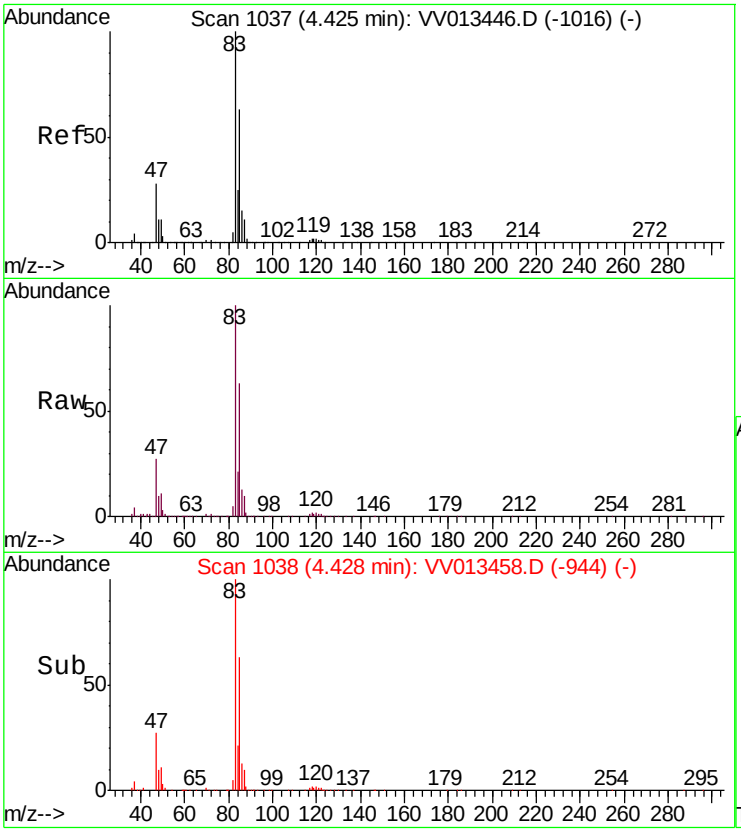


#23
Bromochloromethane
Concen: 5.132 ug/L
RT: 4.30 min Scan# 998
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:128 Resp: 78810

Ion	Ratio	Lower	Upper
128	100		
49	174.9	118.8	220.6
130	135.9	89.0	165.4
51	53.9	44.2	66.2



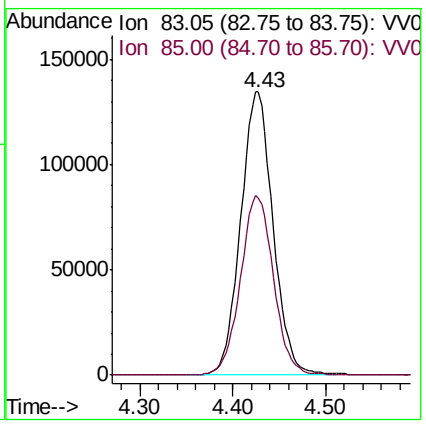


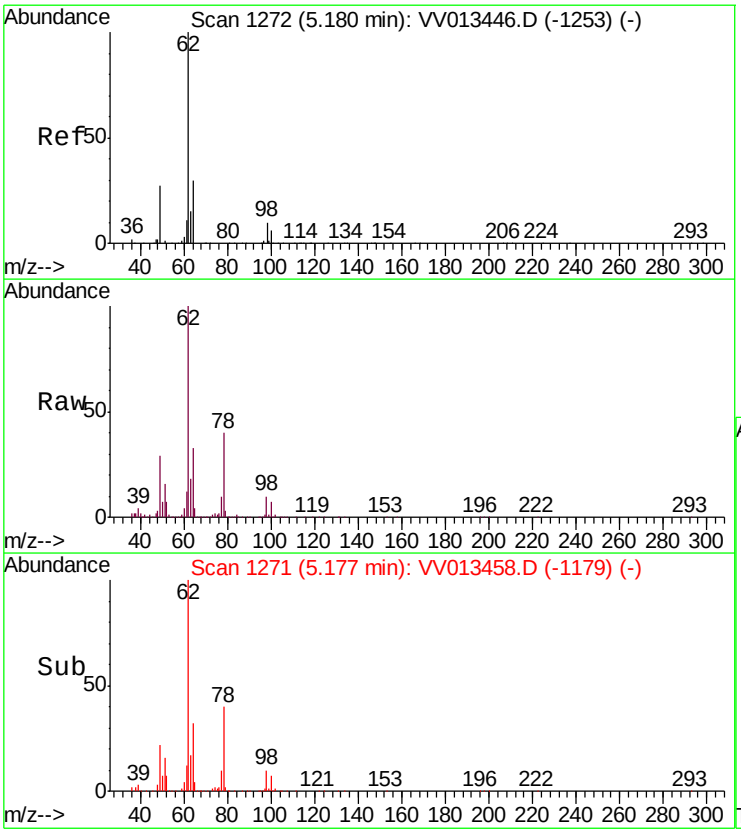
#25
Chloroform
Concen: 4.970 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Tgt Ion: 83 Resp: 326067

Ion	Ratio	Lower	Upper
83	100		
85	62.6	44.1	81.9

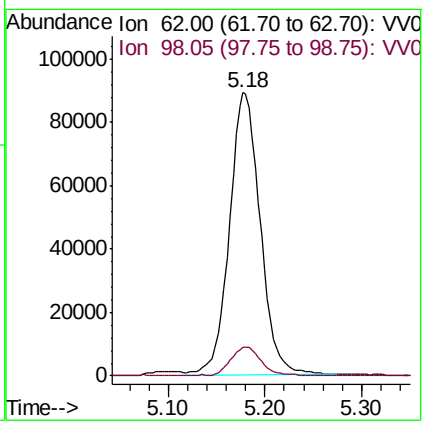


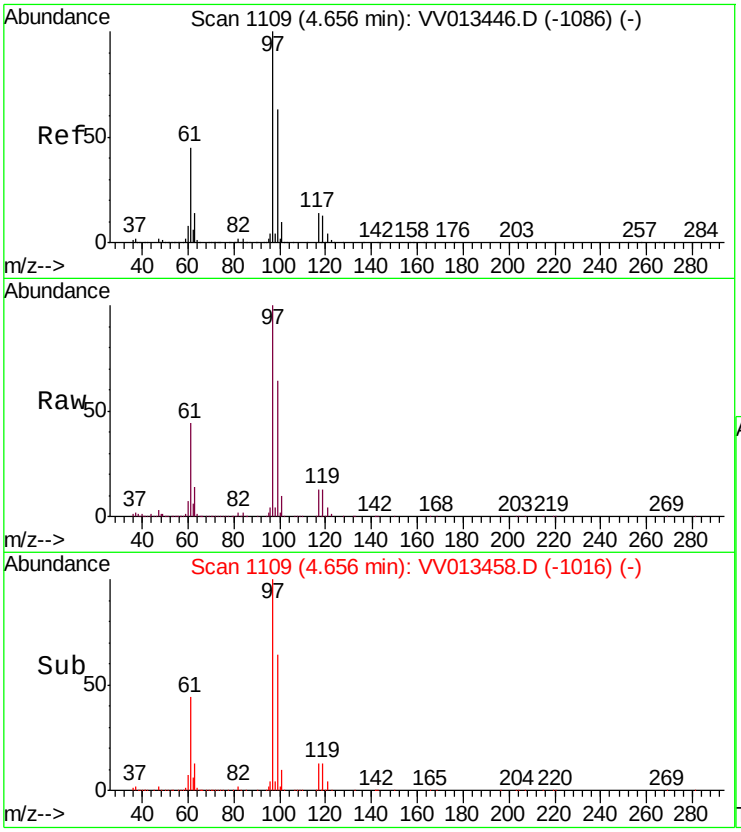


#27
1,2-Dichloroethane
Concen: 5.345 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 62 Resp: 197299

Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.7	11.5



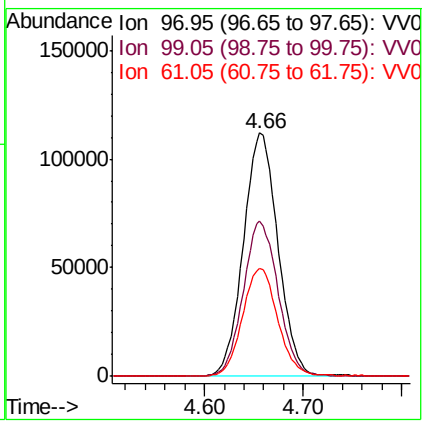


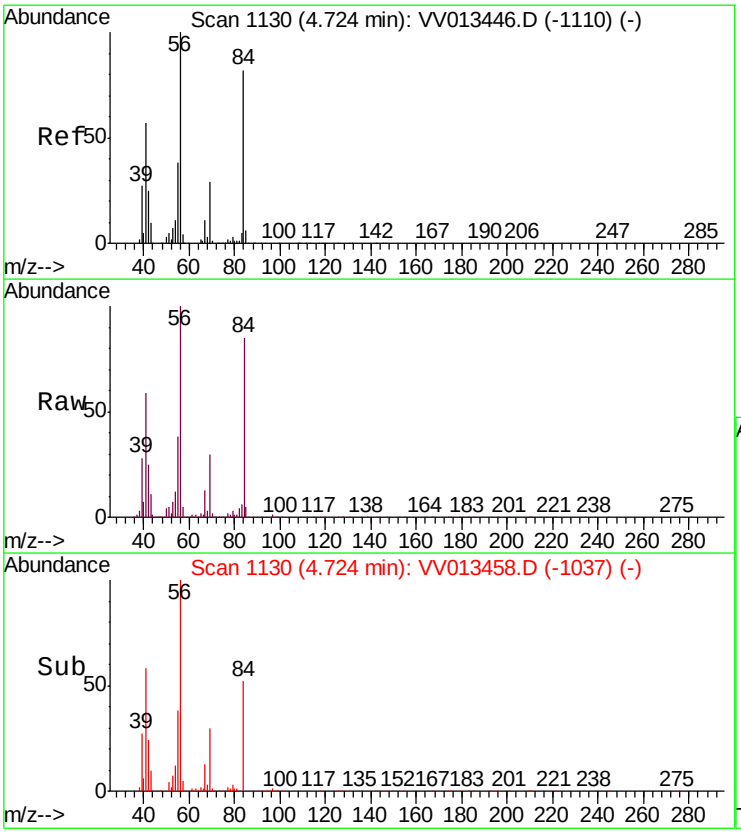
#29
1,1,1-Trichloroethane
Concen: 5.281 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 97 Resp: 271380

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	45.3	35.8	53.8

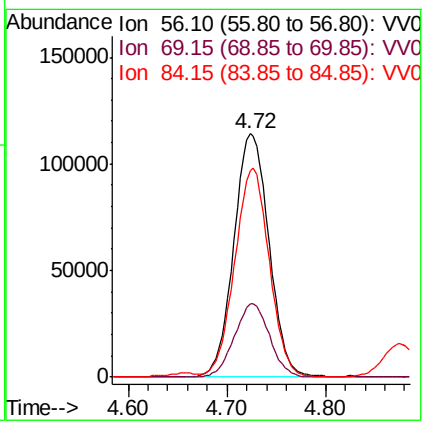


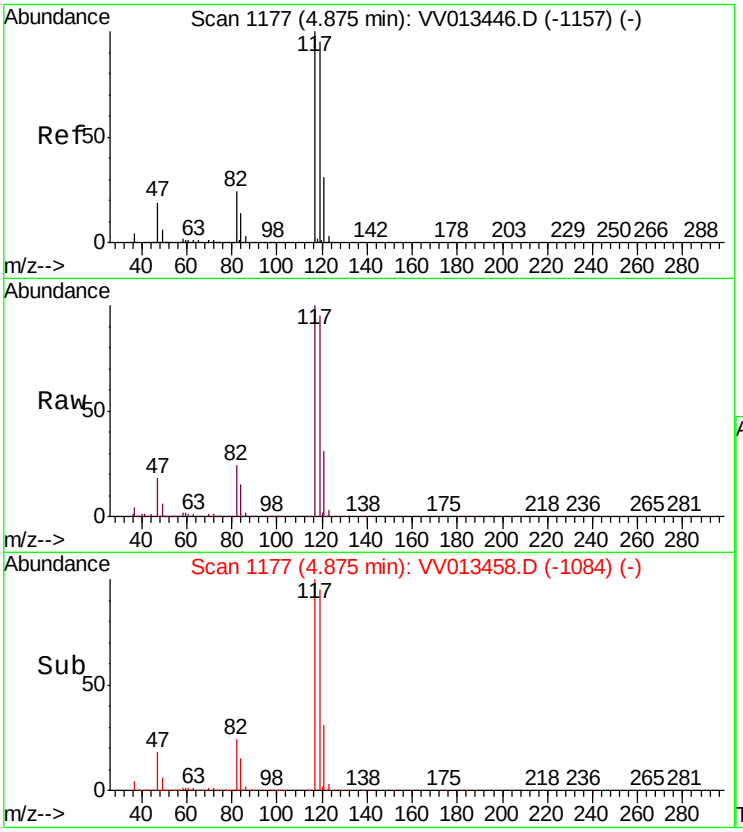


#30
Cyclohexane
Concen: 5.040 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 56 Resp: 279950

Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.0	34.6
84	84.4	66.6	100.0



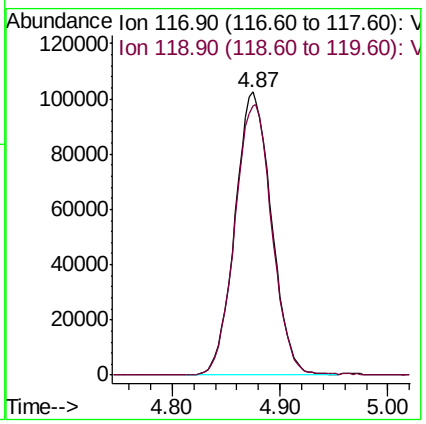


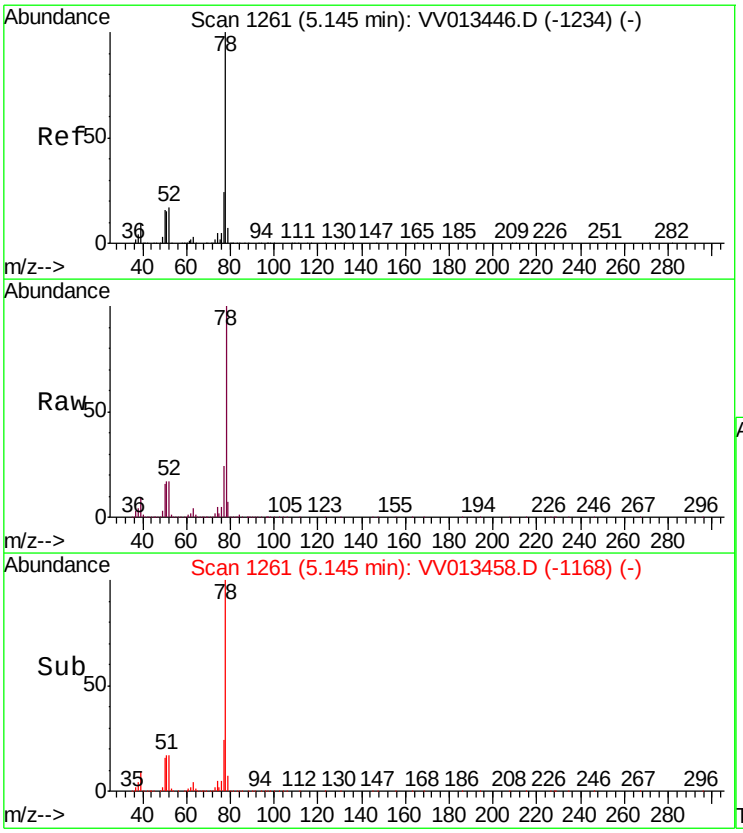
#31
Carbon tetrachloride
Concen: 5.270 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion:117 Resp: 240938

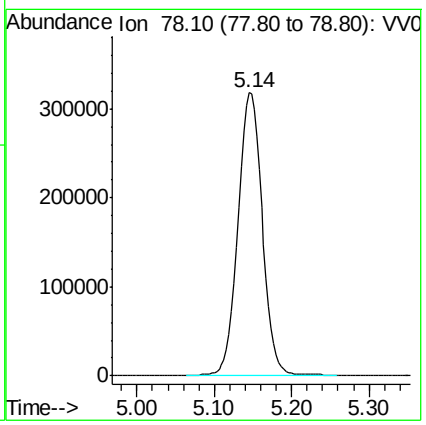
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.8	115.2

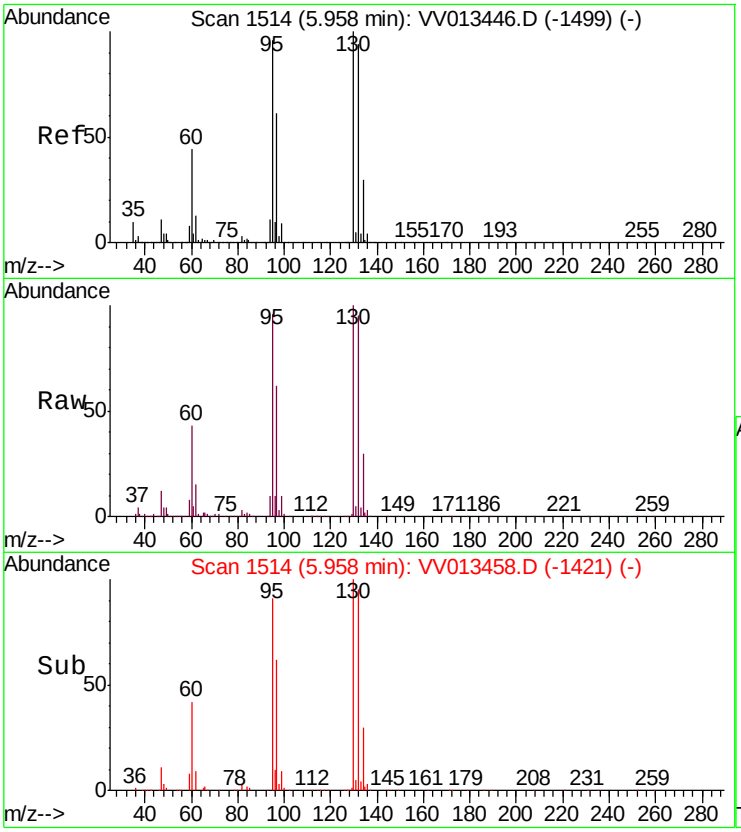




#33
Benzene
Concen: 5.392 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 78 Resp: 695008



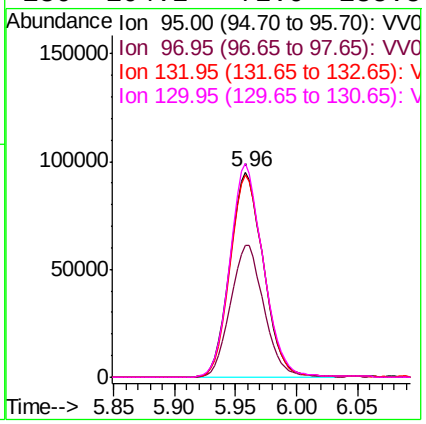


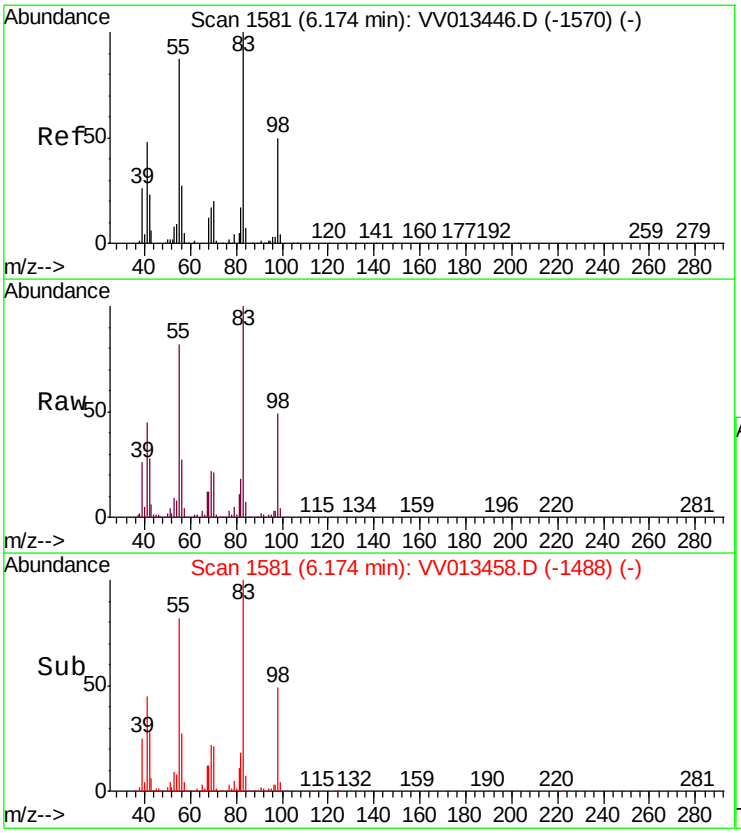
#34
Trichloroethene
Concen: 5.191 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 95 Resp: 181679

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.2	82.2
132	98.7	68.4	127.0
130	104.2	72.9	135.5

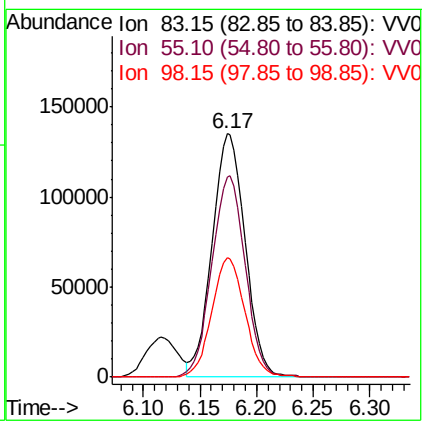


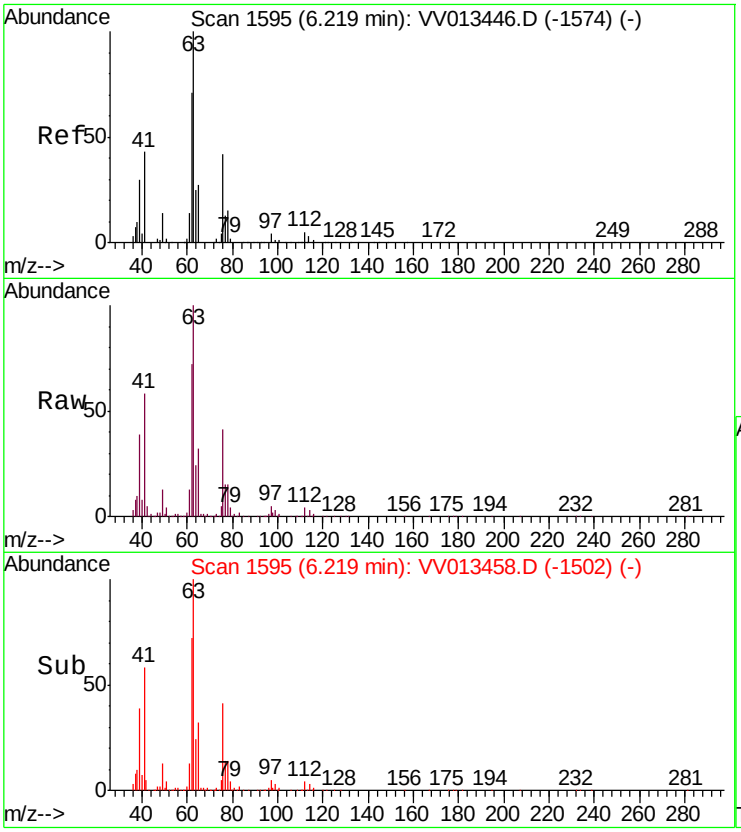


#35
Methylcyclohexane
Concen: 5.041 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 83 Resp: 273584

Ion	Ratio	Lower	Upper
83	100		
55	83.4	64.6	96.8
98	49.2	39.1	58.7



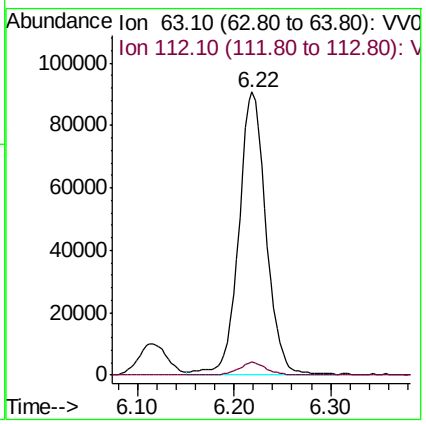


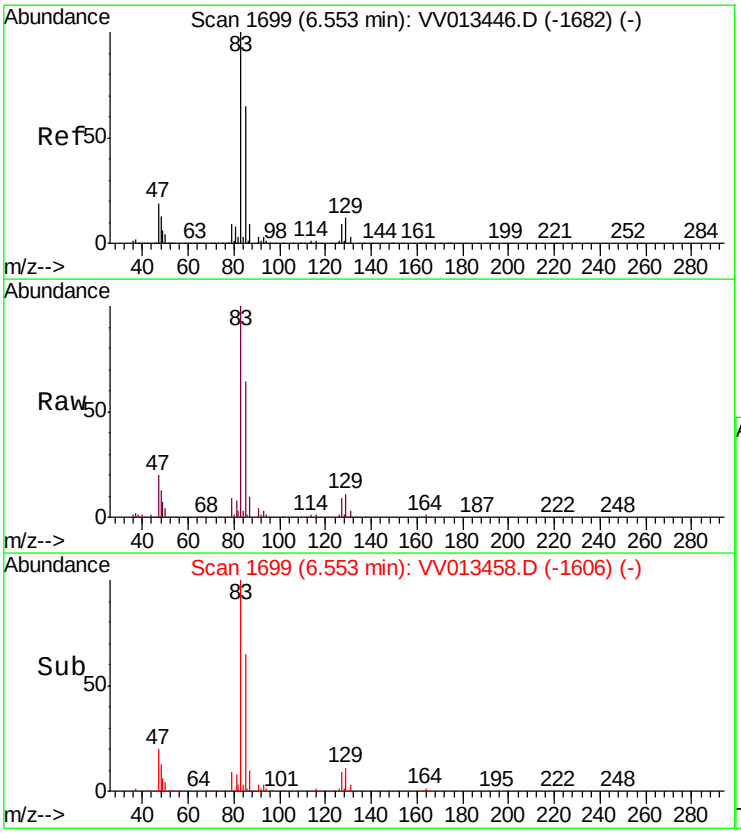
#37
1,2-Dichloropropane
Concen: 5.440 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 63 Resp: 175655

Ion	Ratio	Lower	Upper
63	100		
112	4.8	3.8	5.8

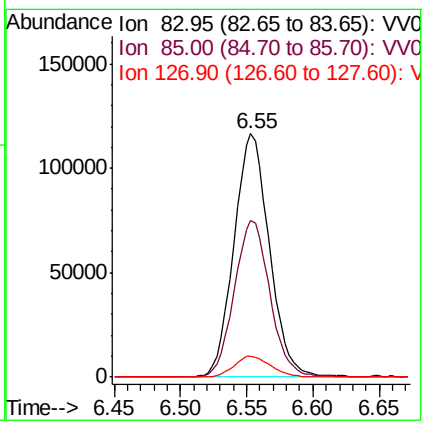


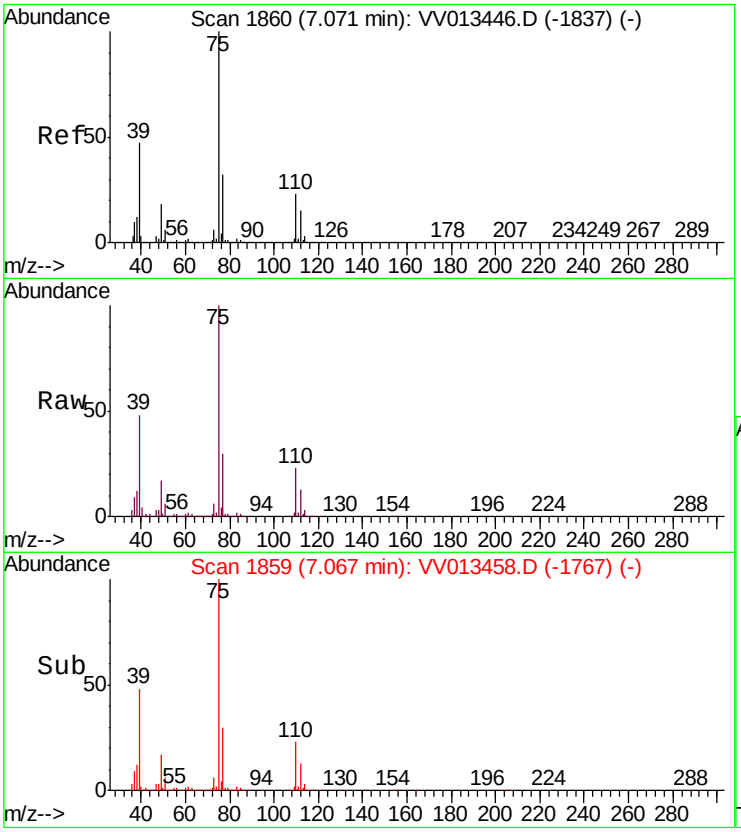


#38
Bromodichloromethane
Concen: 5.177 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 83 Resp: 216371

Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.1	83.9
127	8.7	7.0	10.4



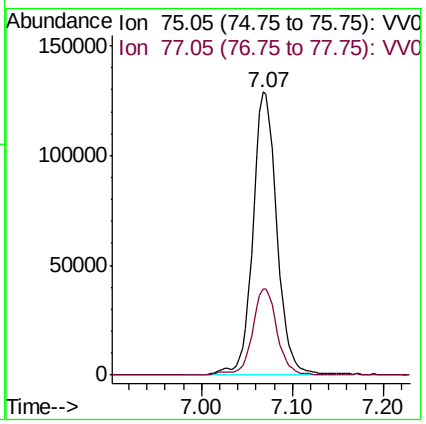


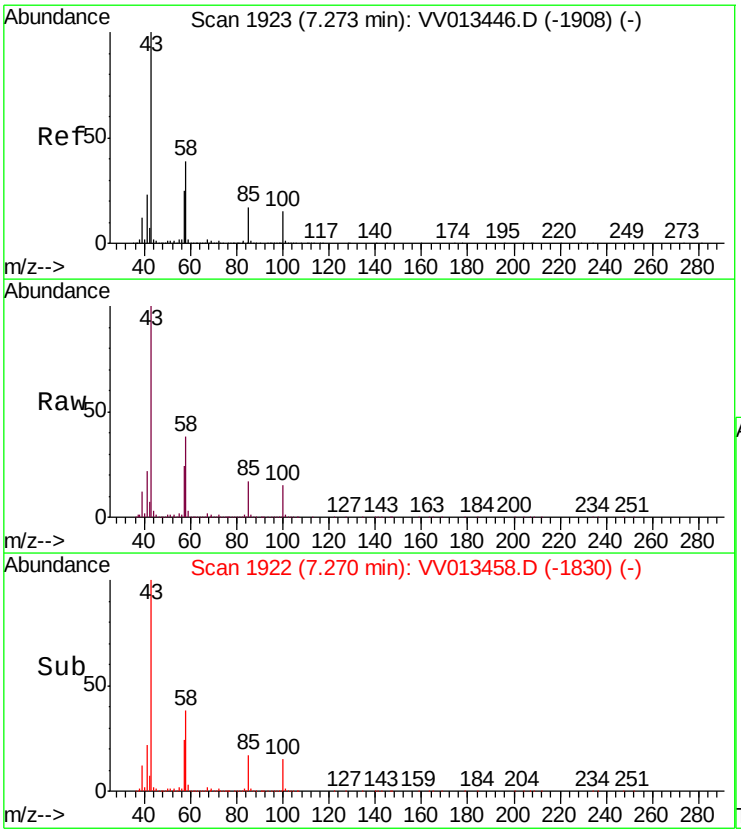
#39
cis-1,3-Dichloropropene
Concen: 5.223 ug/L
RT: 7.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 75 Resp: 236462

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.7	42.1

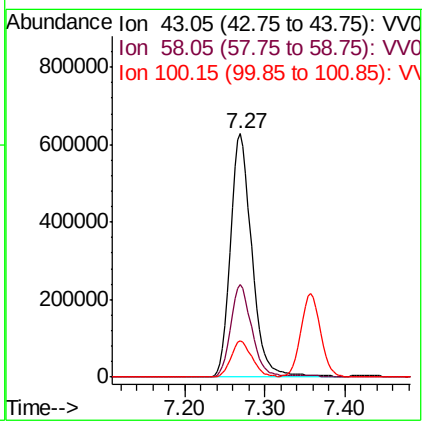


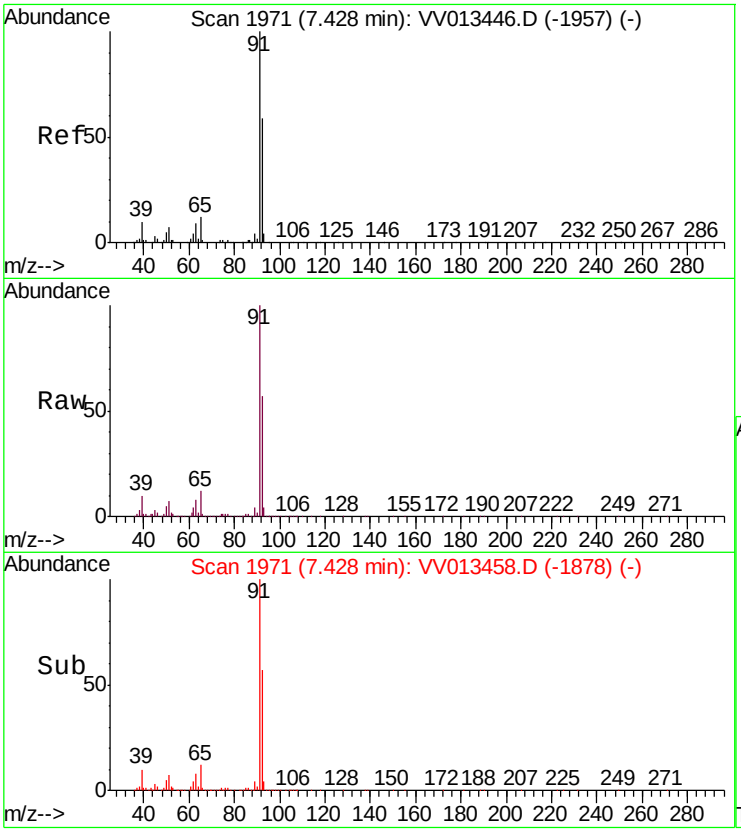


#40
4-Methyl-2-pentanone
Concen: 55.172 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 43 Resp: 1138071

Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.9	46.3
100	14.7	11.7	17.5



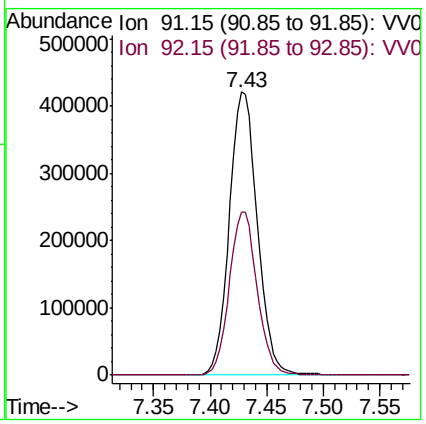


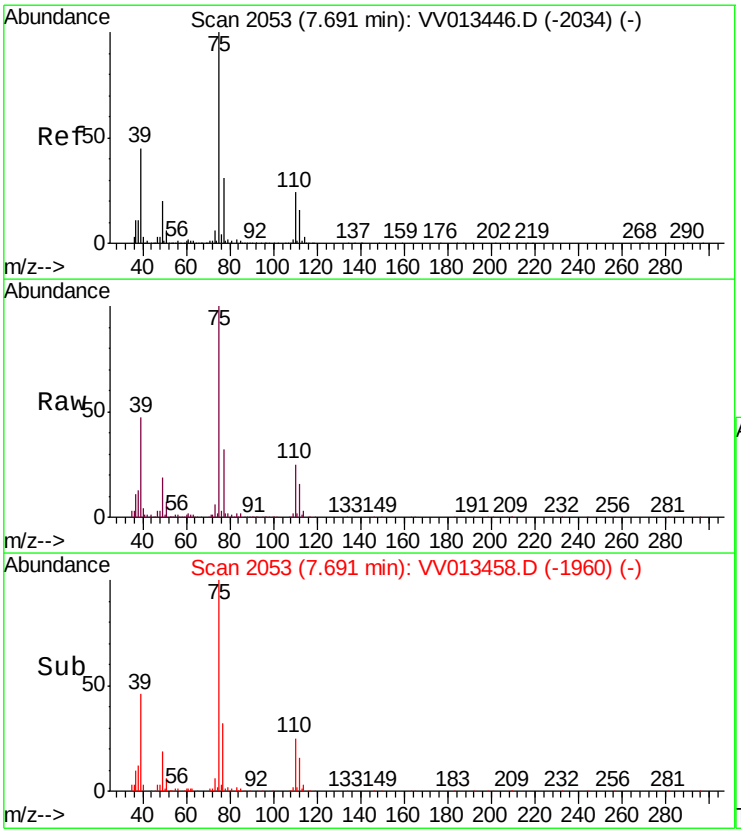
#42
Toluene
Concen: 5.430 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 91 Resp: 727825

Ion	Ratio	Lower	Upper
91	100		
92	57.5	41.5	77.1

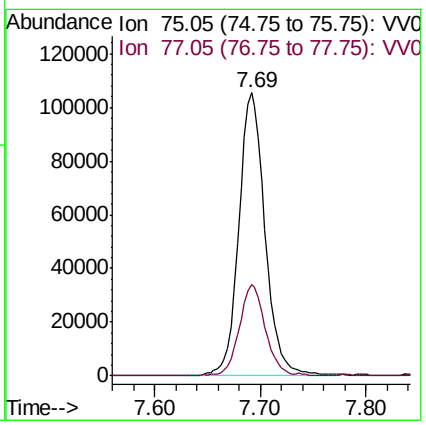


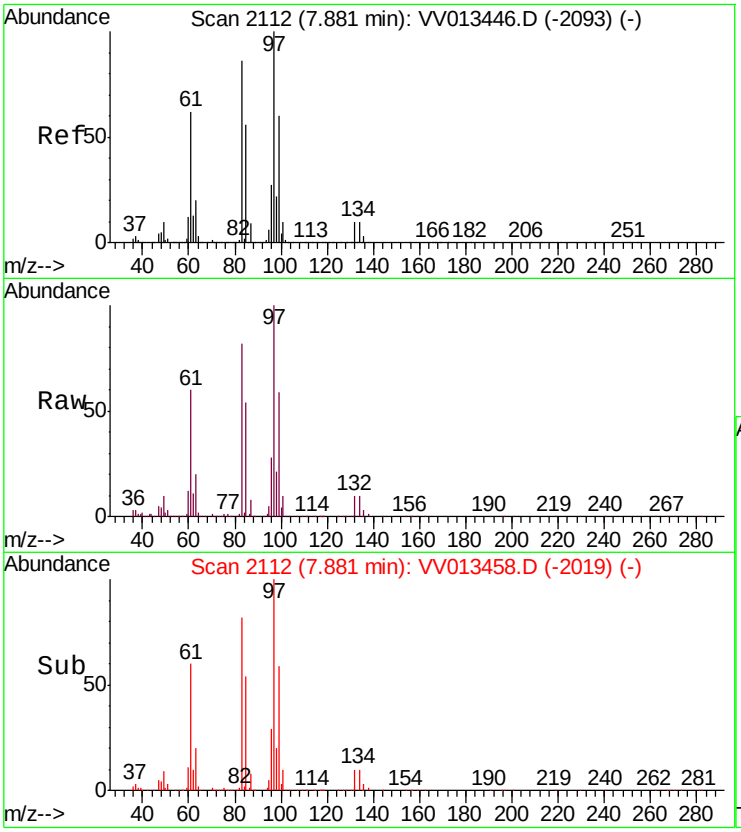


#44
trans-1,3-Dichloropropene
Concen: 5.142 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 75 Resp: 182090

Ion	Ratio	Lower	Upper
75	100		
77	32.5	21.9	40.7



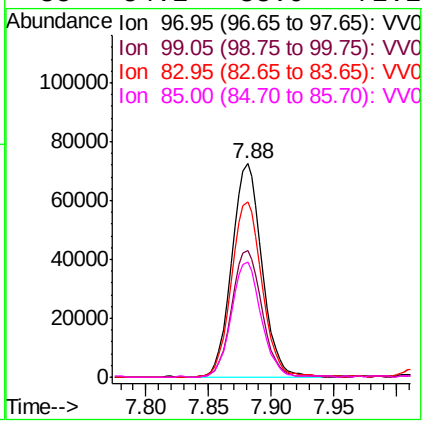


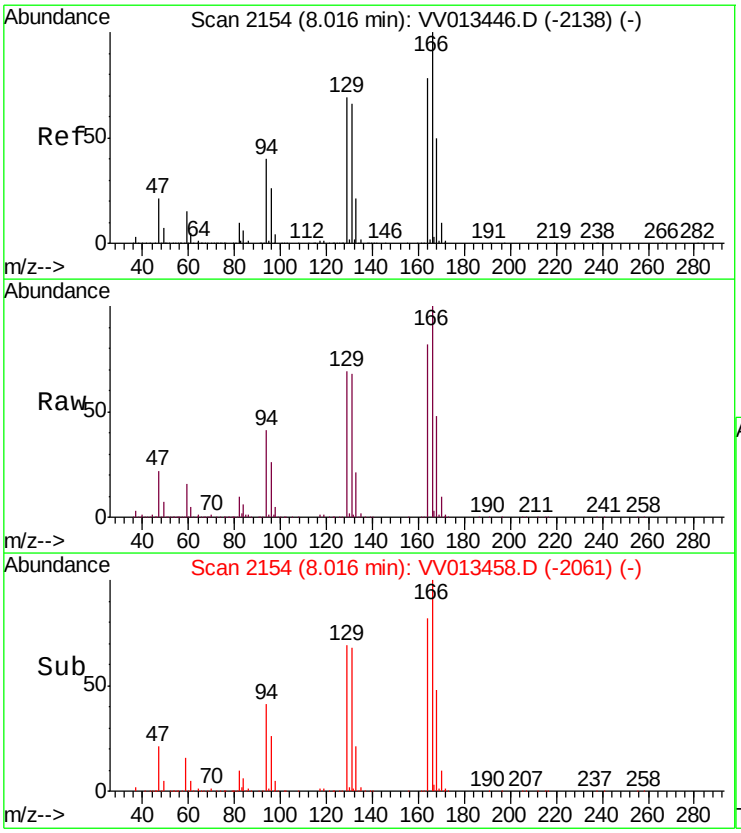
#45
1,1,2-Trichloroethane
Concen: 5.265 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Tgt Ion: 97 Resp: 120805

Ion	Ratio	Lower	Upper
97	100		
99	59.3	42.3	78.5
83	82.4	60.0	111.4
85	54.2	38.9	72.2

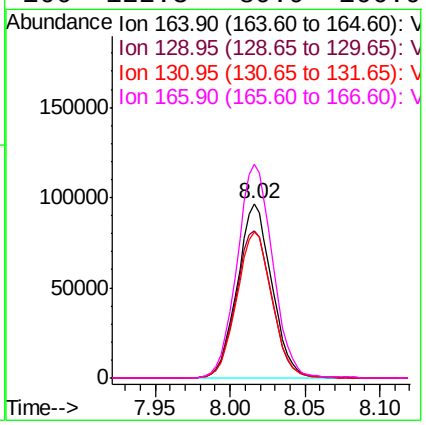


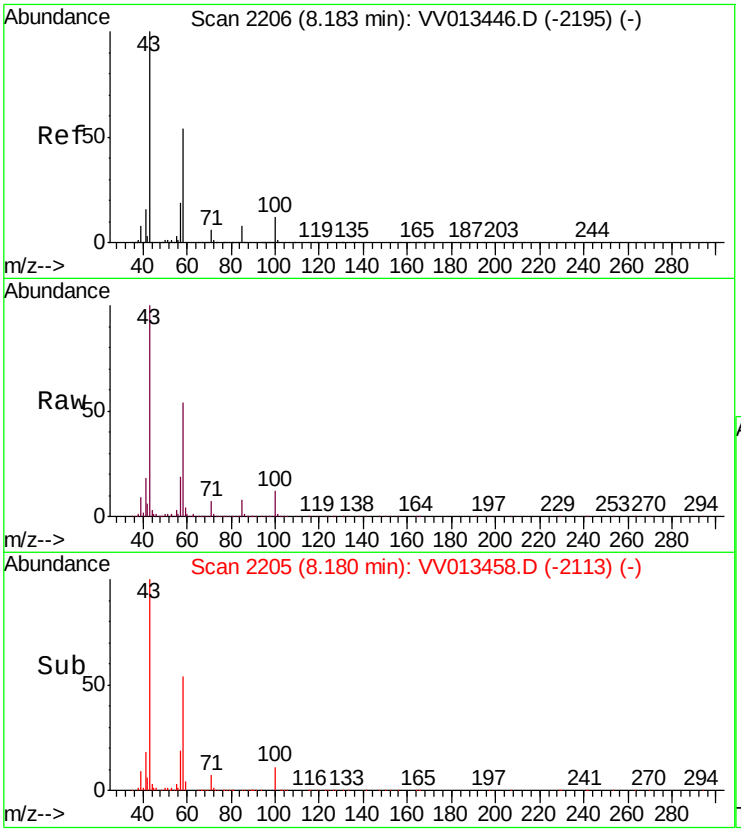


#47
Tetrachloroethene
Concen: 5.160 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:164 Resp: 155104

Ion	Ratio	Lower	Upper
164	100		
129	84.5	61.7	114.5
131	83.6	59.4	110.2
166	122.3	89.9	166.9



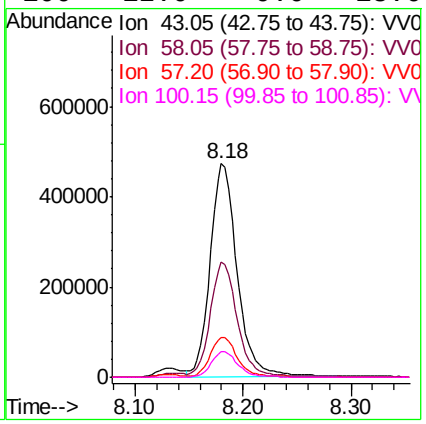


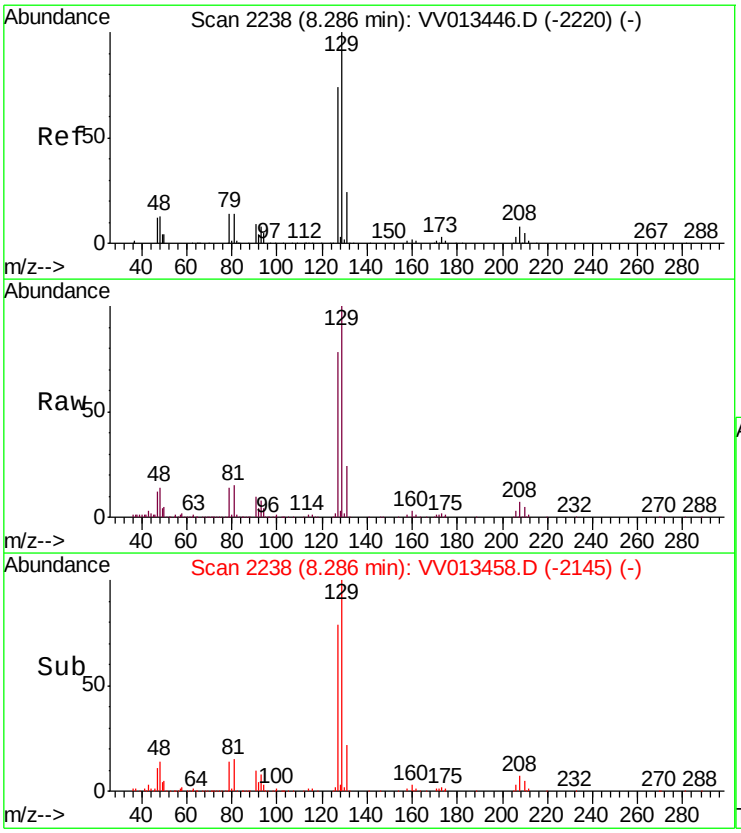
#48
2-Hexanone
Concen: 54.886 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Tgt Ion: 43 Resp: 817483

Ion	Ratio	Lower	Upper
43	100		
58	54.6	42.2	63.4
57	18.9	14.9	22.3
100	12.0	9.0	13.6

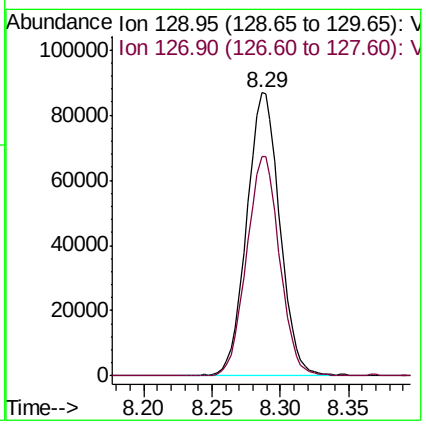


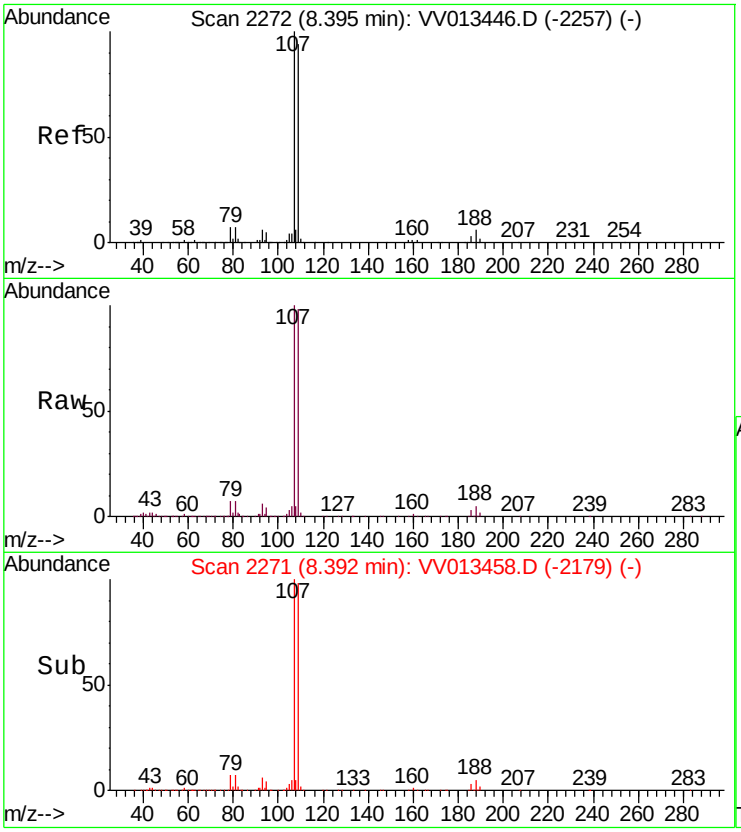


#49
Dibromochloromethane
Concen: 5.232 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:129 Resp: 146197

Ion	Ratio	Lower	Upper
129	100		
127	77.6	52.1	96.7



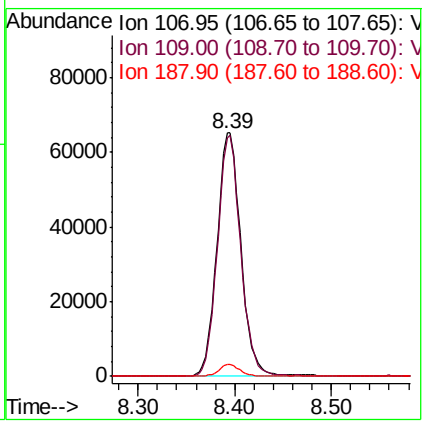


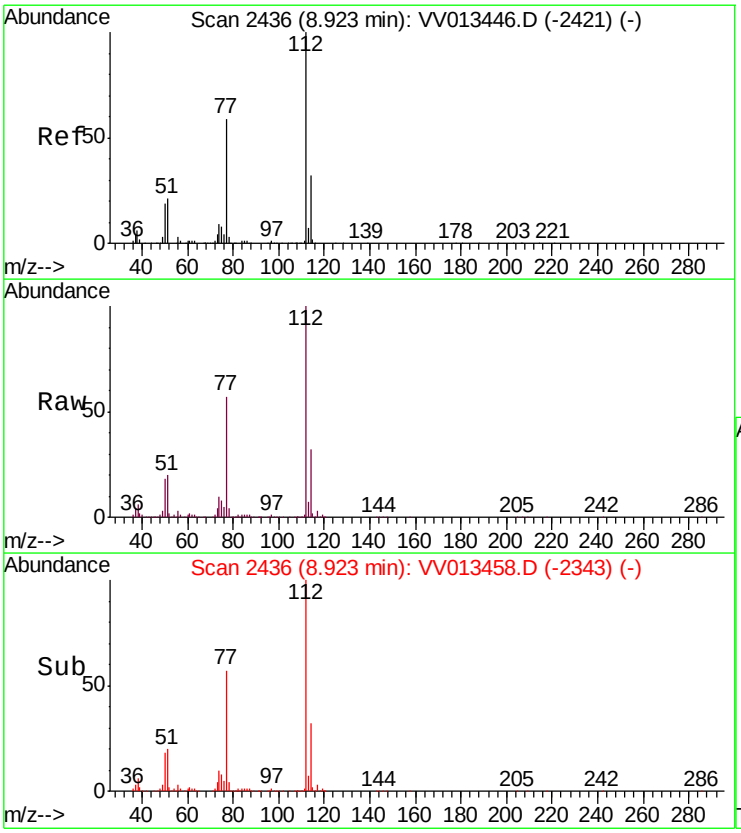
#50
1,2-Dibromoethane
Concen: 5.184 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion:107 Resp: 112116

Ion	Ratio	Lower	Upper
107	100		
109	97.9	65.5	121.7
188	5.0	4.5	6.7

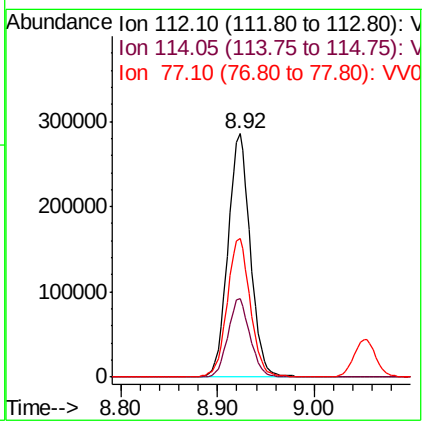


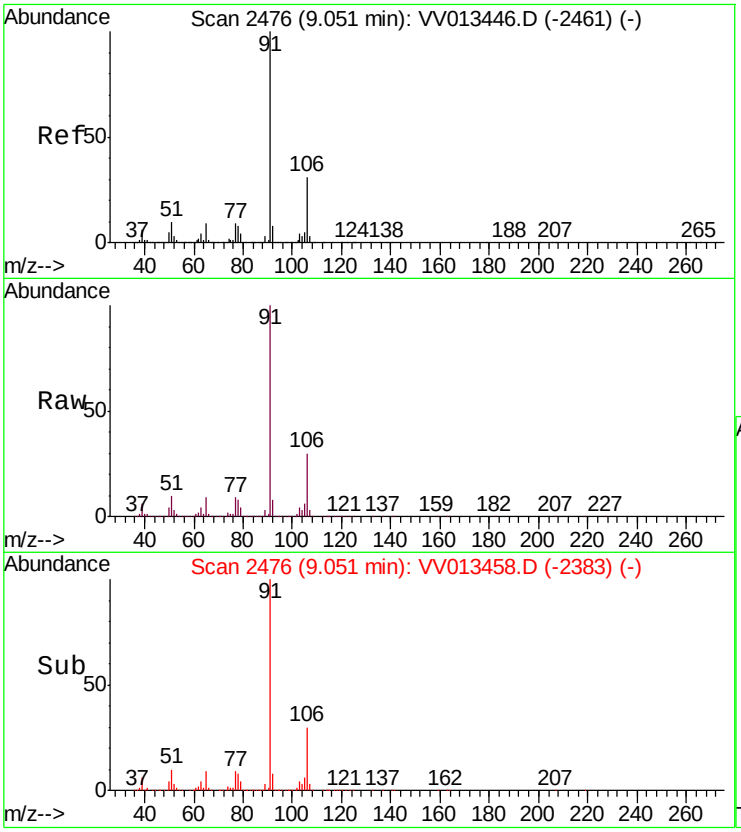


#51
Chlorobenzene
Concen: 5.265 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:112 Resp: 458010

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.7
77	56.9	47.3	70.9



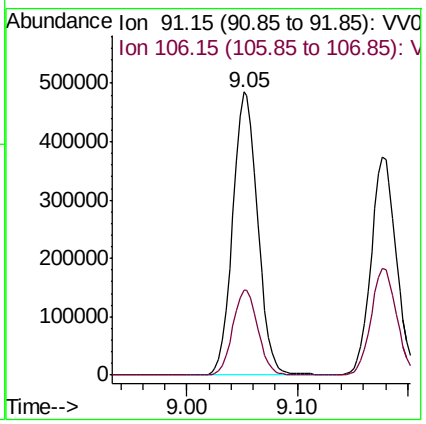


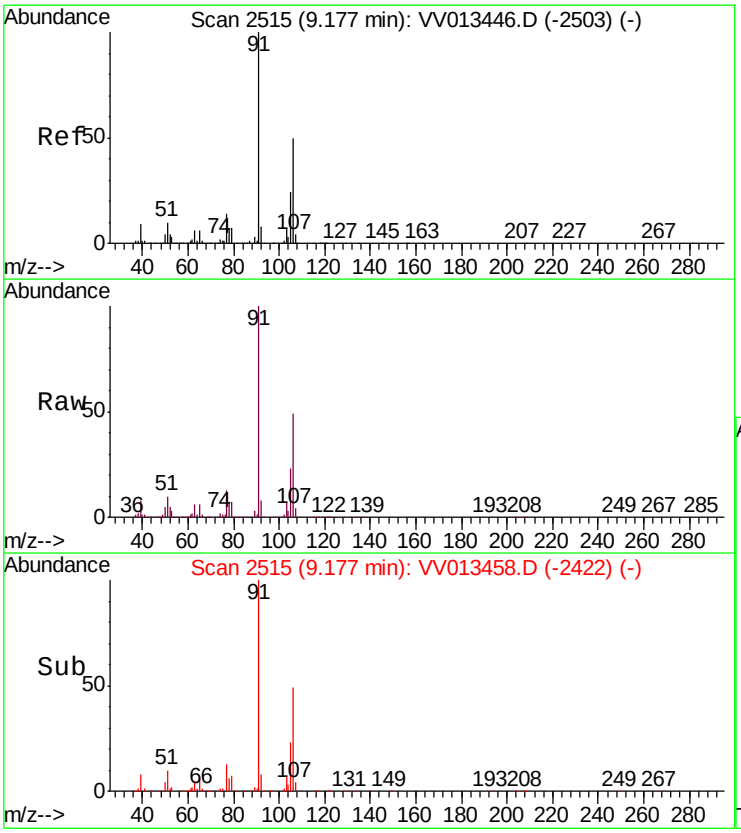
#52
Ethylbenzene
Concen: 5.352 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion: 91 Resp: 762072

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.5	39.9

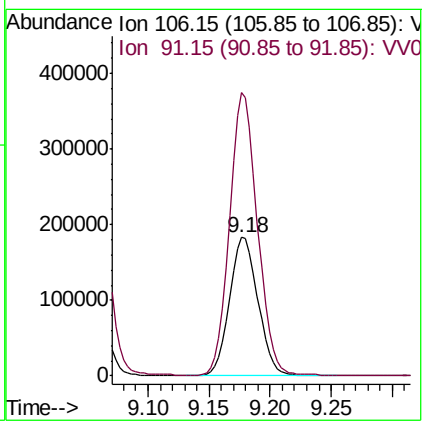


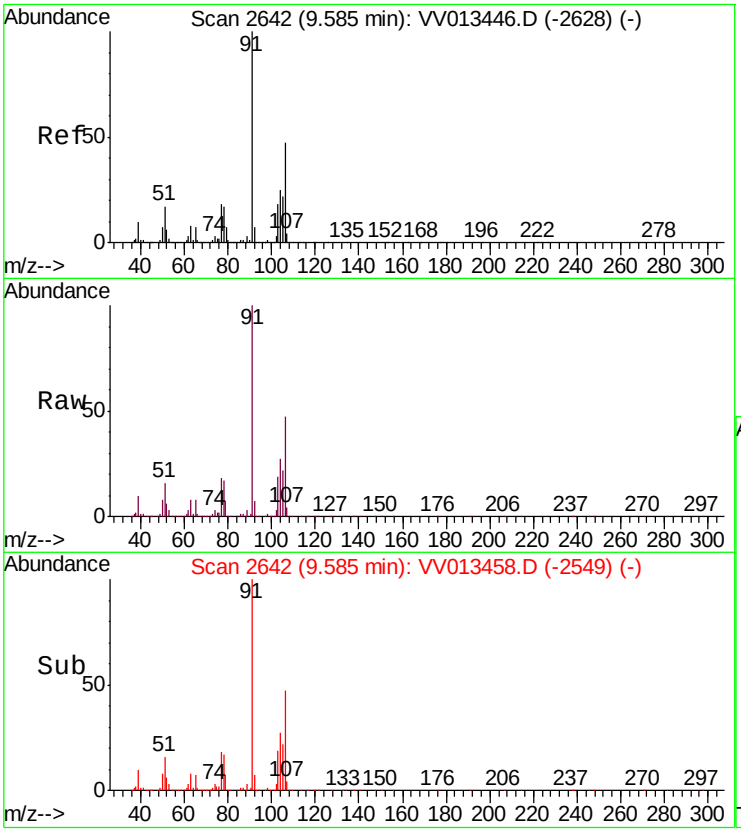


#53
m,p-xylene
Concen: 5.458 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:106 Resp: 297459

Ion	Ratio	Lower	Upper
106	100		
91	204.3	141.5	262.7



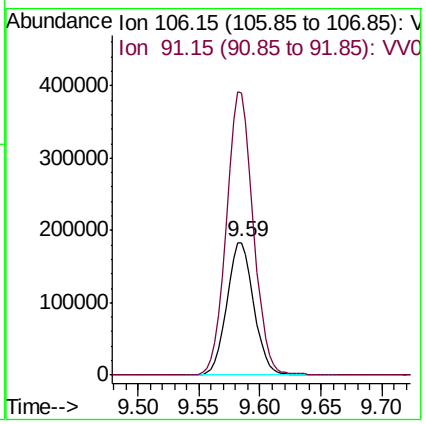


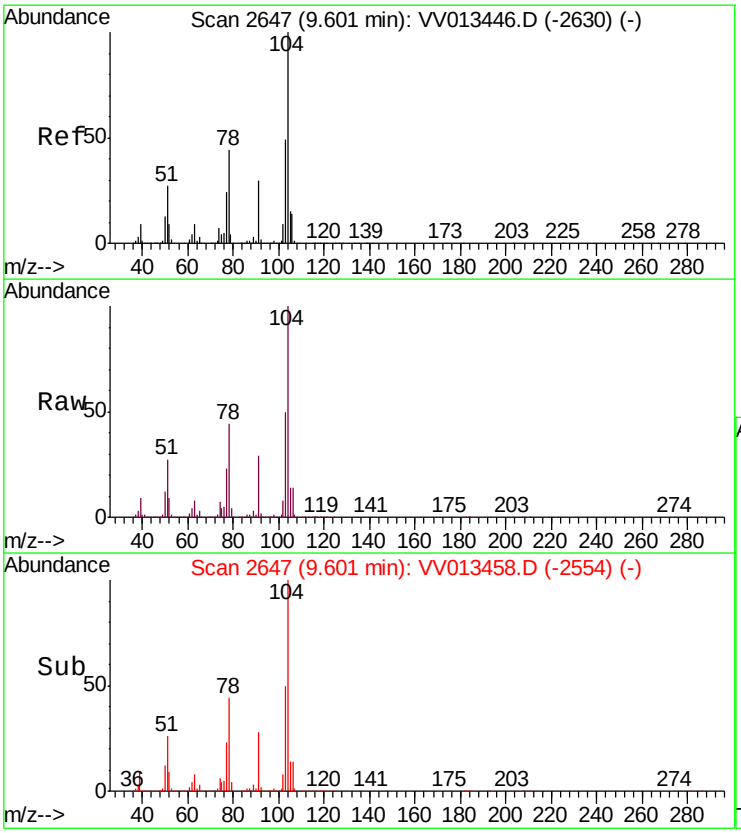
#54
o-xylene
Concen: 5.407 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Tgt Ion:106 Resp: 282389

Ion	Ratio	Lower	Upper
106	100		
91	212.7	148.3	275.5

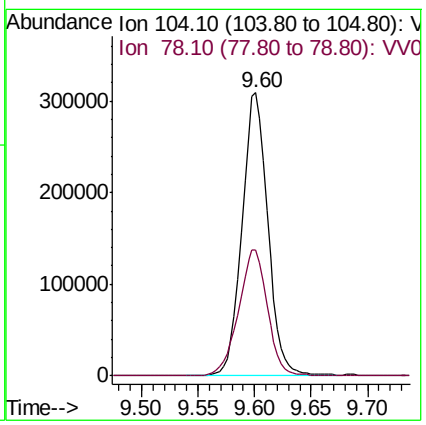


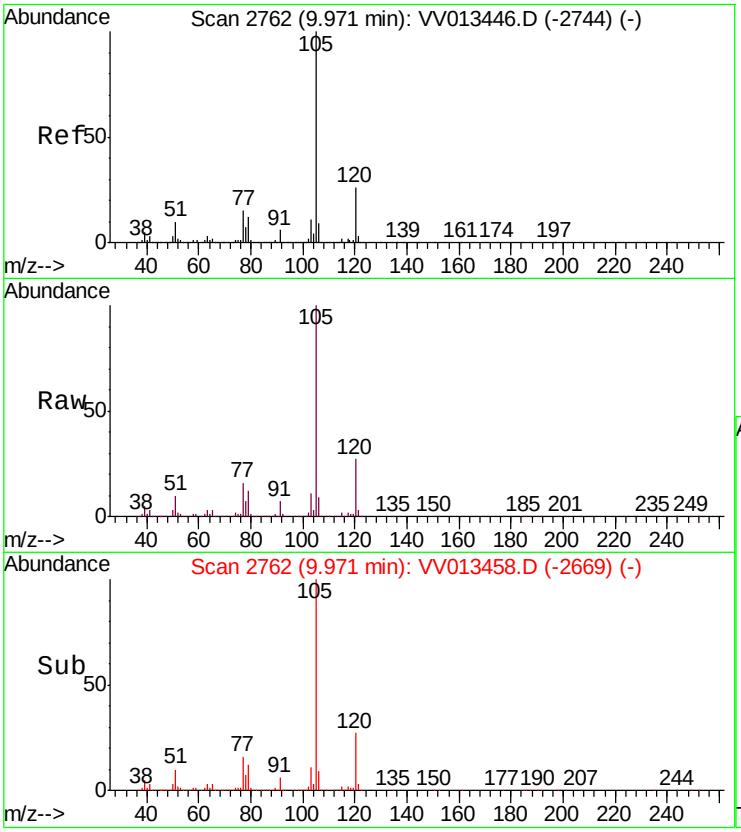


#55
Styrene
Concen: 5.547 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:104 Resp: 493068

Ion	Ratio	Lower	Upper
104	100		
78	44.3	30.6	56.8



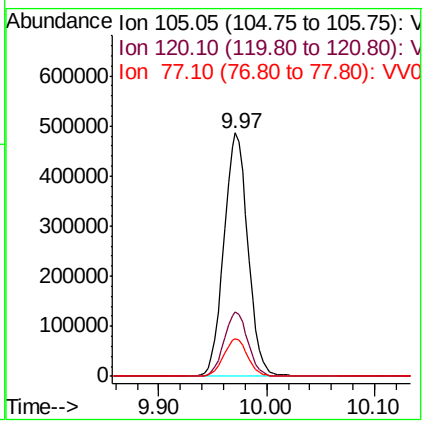


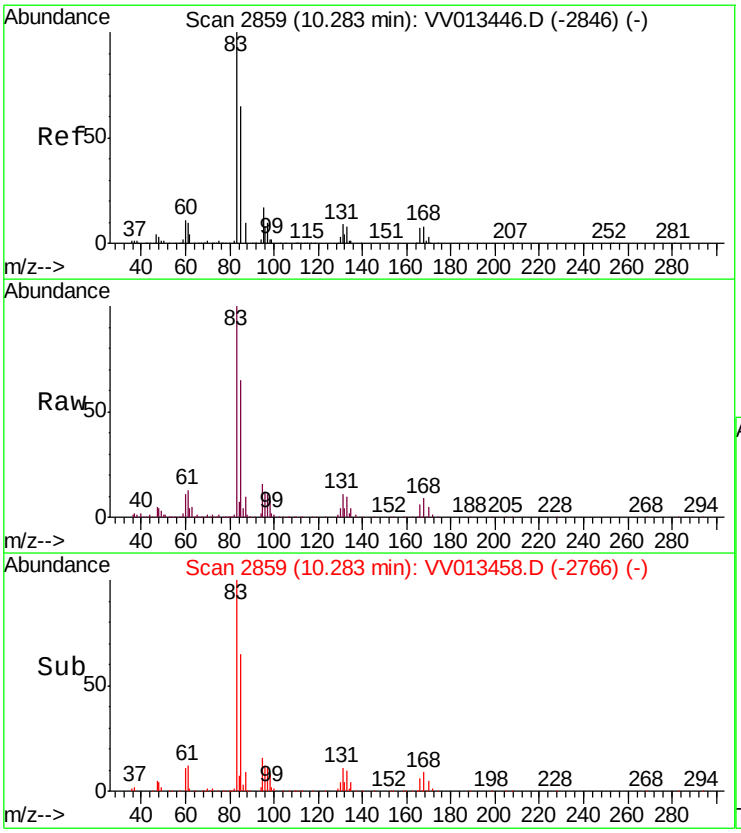
#56
Isopropylbenzene
Concen: 5.434 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion:105 Resp: 754278

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.1	31.7
77	15.3	12.2	18.4

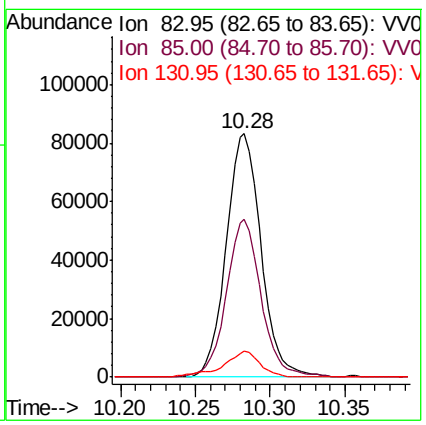


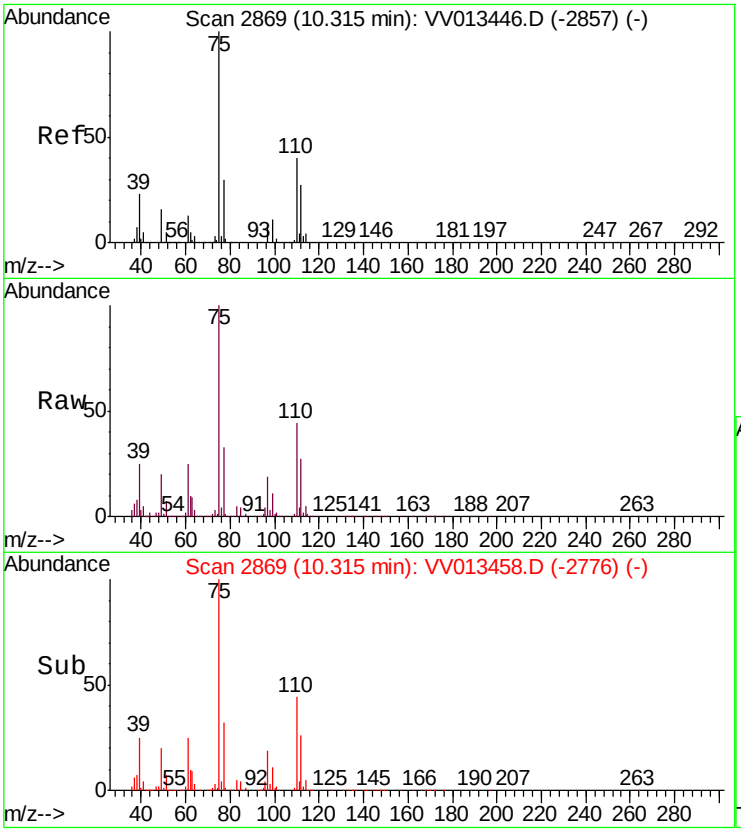


#58
1,1,2,2-Tetrachloroethane
Concen: 5.102 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 83 Resp: 135263

Ion	Ratio	Lower	Upper
83	100		
85	65.0	45.8	85.0
131	10.8	7.6	11.4



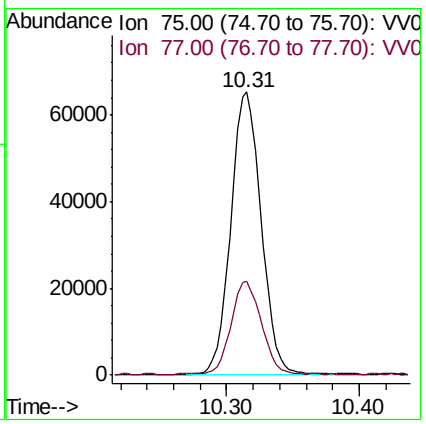


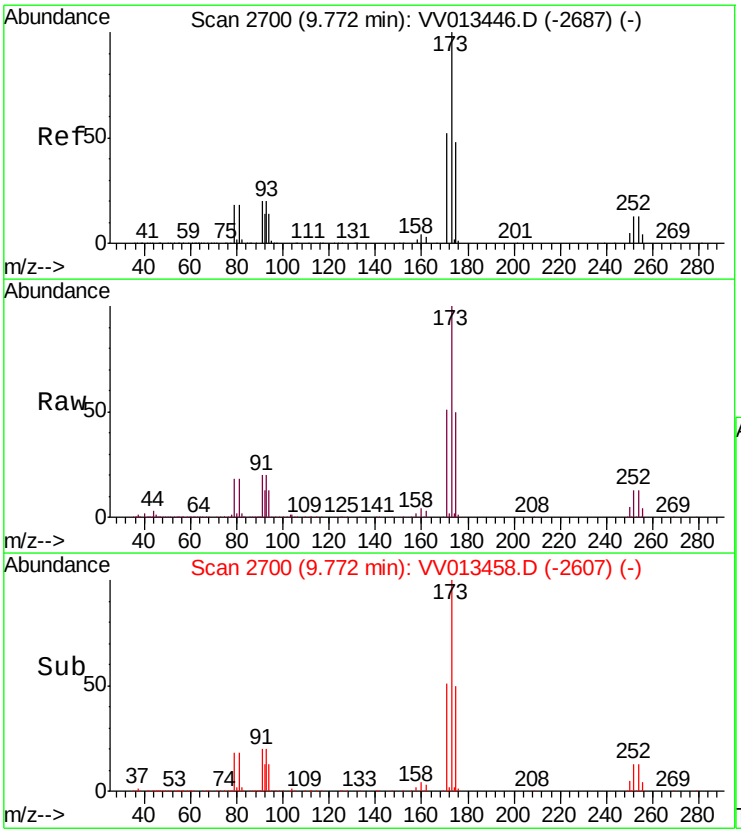
#59
1,2,3-Trichloropropane
Concen: 4.998 ug/L
RT: 10.31 min Scan# 2869
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Tgt Ion: 75 Resp: 104487

Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.4	36.6

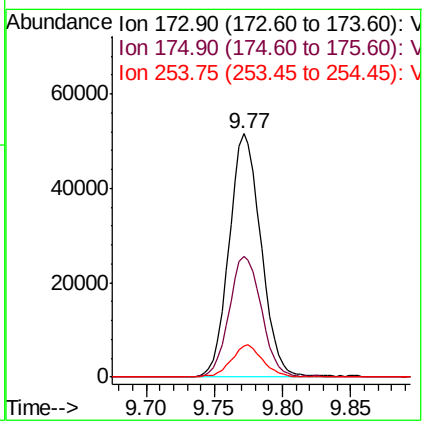


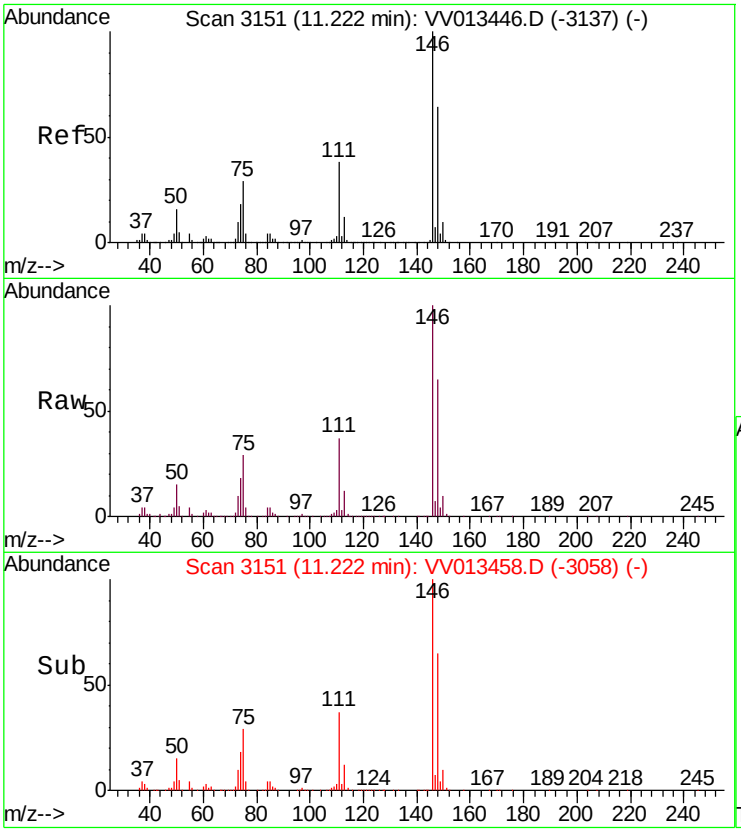


#61
Bromoform
Concen: 4.900 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:173 Resp: 83853

Ion	Ratio	Lower	Upper
173	100		
175	50.0	38.6	58.0
254	13.1	10.1	15.1



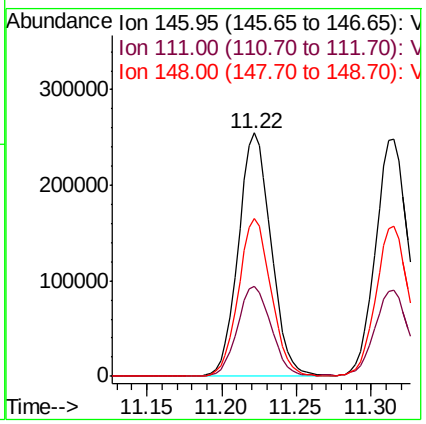


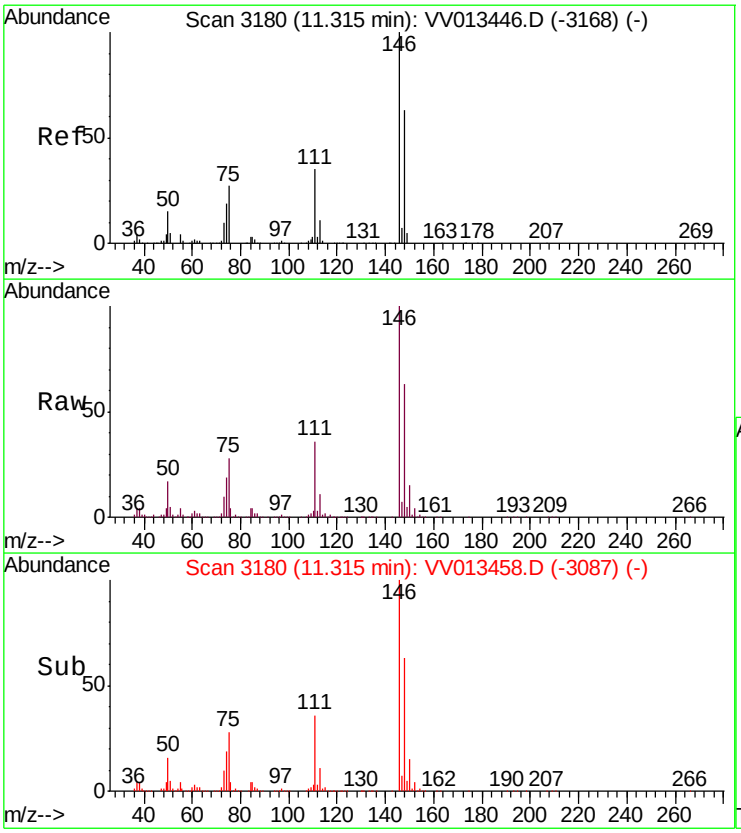
#62
1,3-Dichlorobenzene
Concen: 5.155 ug/L
RT: 11.22 min Scan# 3151
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion:146 Resp: 387864

Ion	Ratio	Lower	Upper
146	100		
111	36.9	26.2	48.8
148	64.6	44.9	83.5

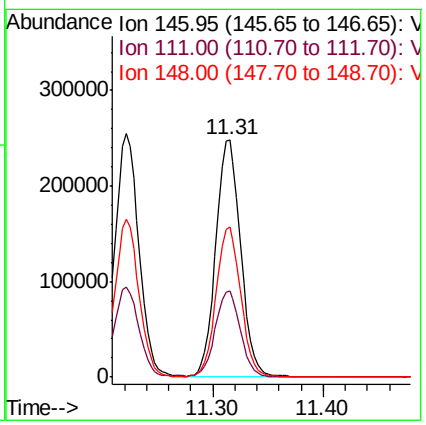


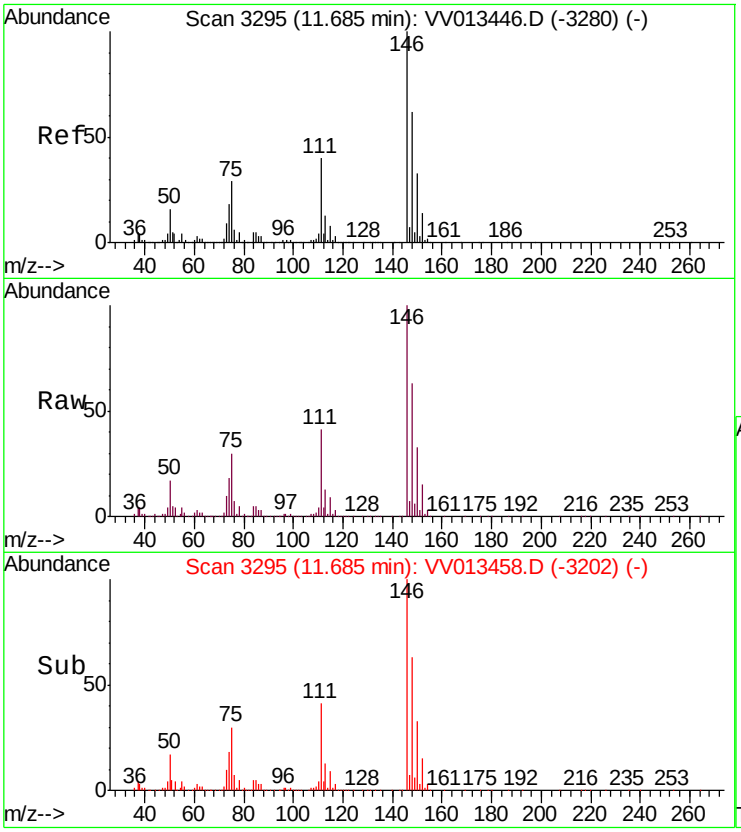


#63
1,4-Dichlorobenzene
Concen: 5.058 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:146 Resp: 386183

Ion	Ratio	Lower	Upper
146	100		
111	36.1	24.7	45.9
148	63.0	44.2	82.0



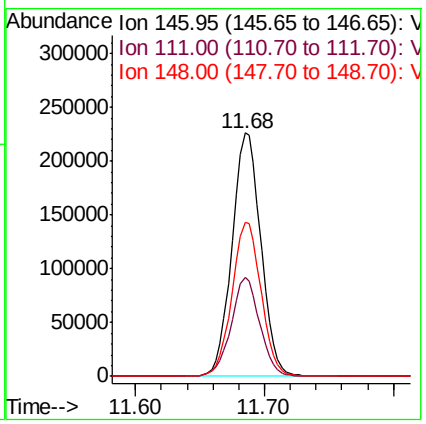


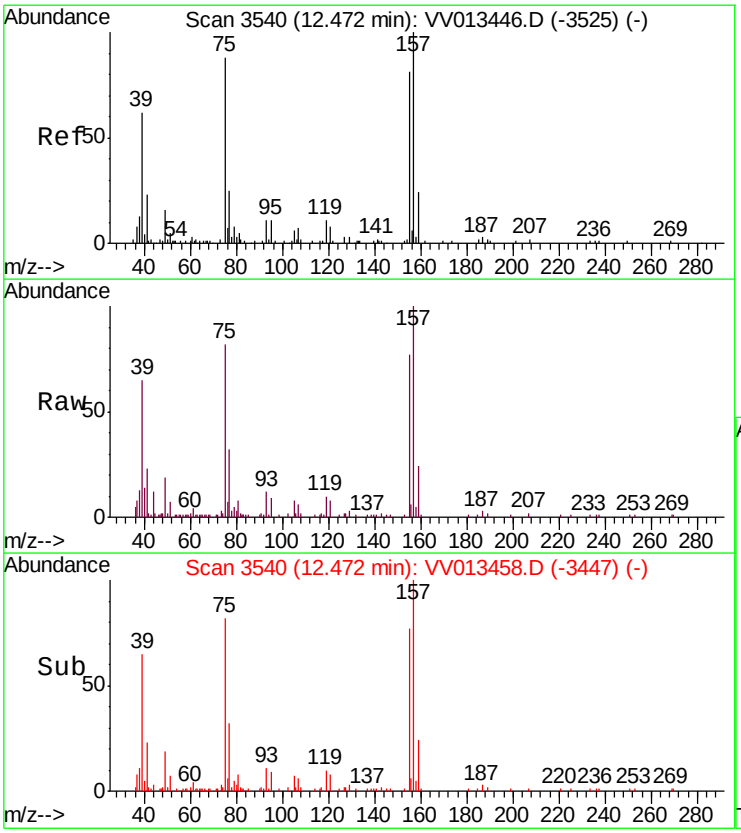
#65
1,2-Dichlorobenzene
Concen: 5.047 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion:146 Resp: 350916

Ion	Ratio	Lower	Upper
146	100		
111	40.8	31.8	47.6
148	63.2	49.5	74.3

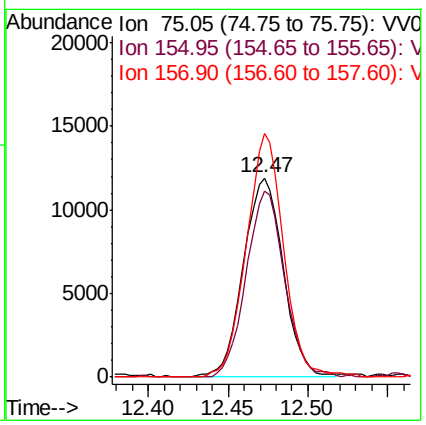


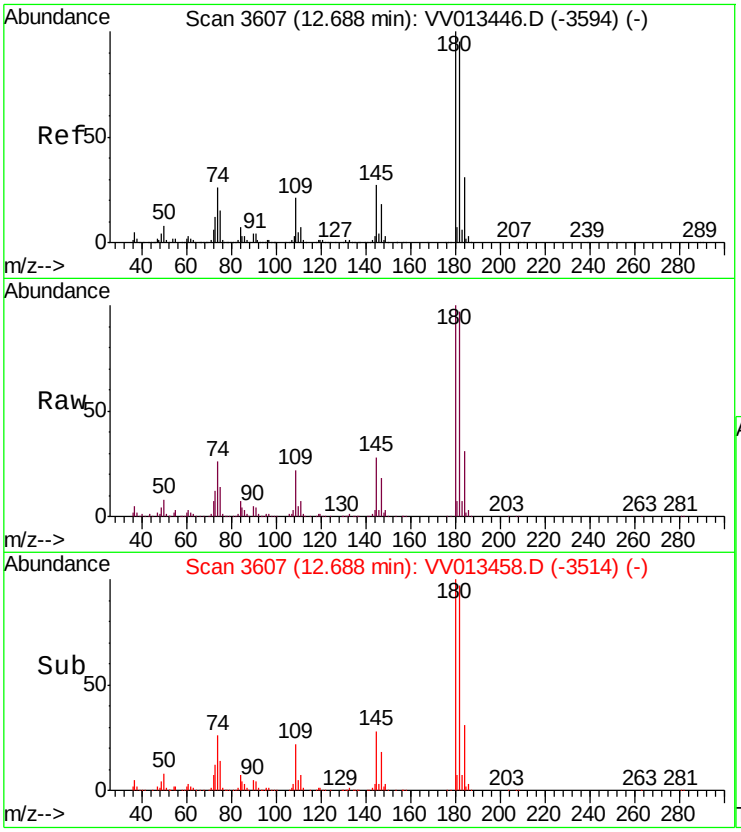


#66
1,2-Dibromo-3-chloropropane
Concen: 4.801 ug/L
RT: 12.47 min Scan# 3540
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion: 75 Resp: 20307

Ion	Ratio	Lower	Upper
75	100		
155	93.6	73.5	110.3
157	122.4	90.4	135.6



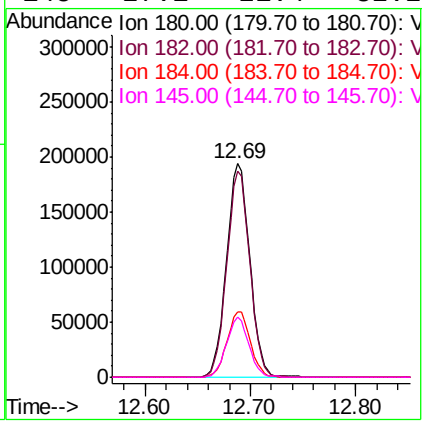


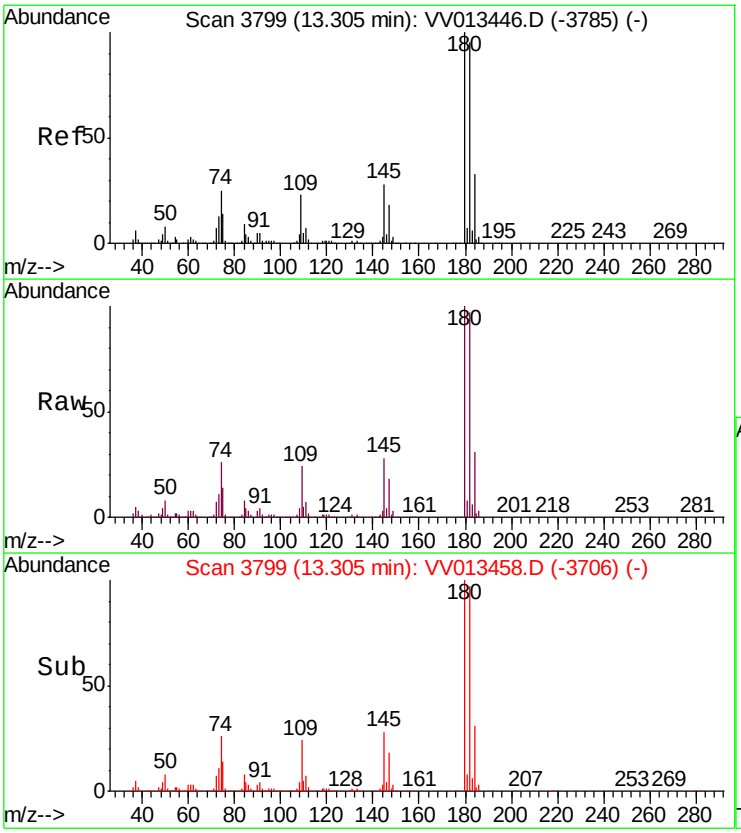
#67
1,3,5-Trichlorobenzene
Concen: 4.878 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion:180 Resp: 295553

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.1	114.1
184	30.7	24.5	36.7
145	27.1	21.4	32.2

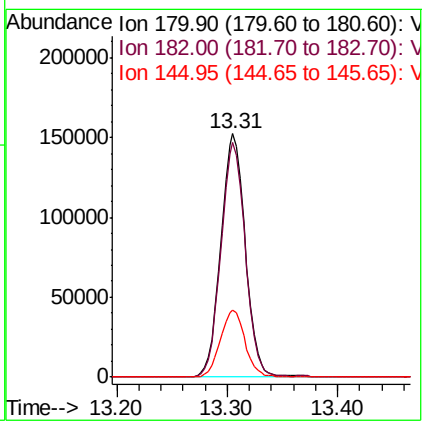


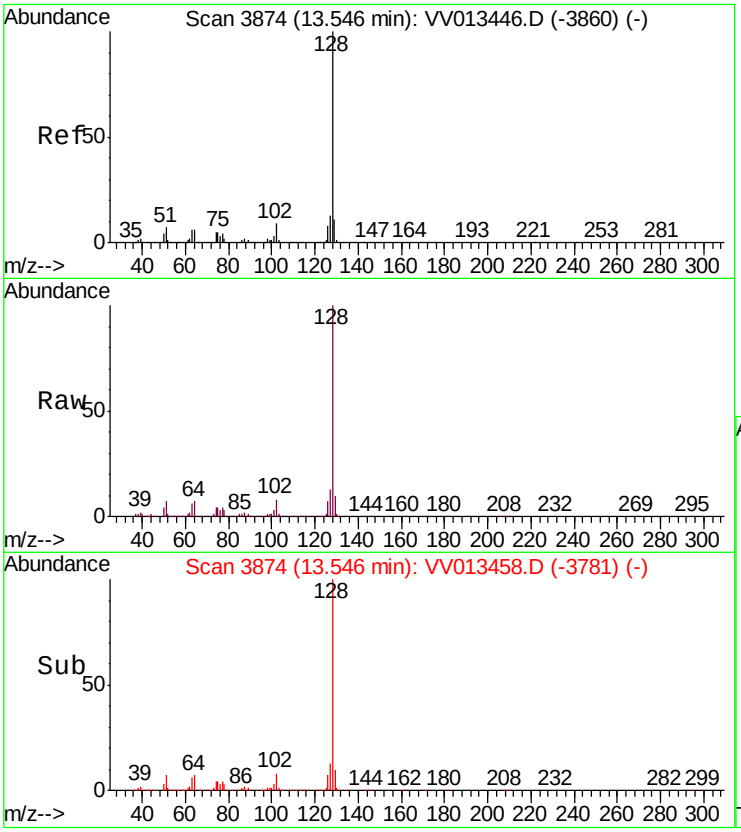


#68
1,2,4-trichlorobenzene
Concen: 4.635 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:180 Resp: 234412

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.1	114.1
145	27.9	22.1	33.1



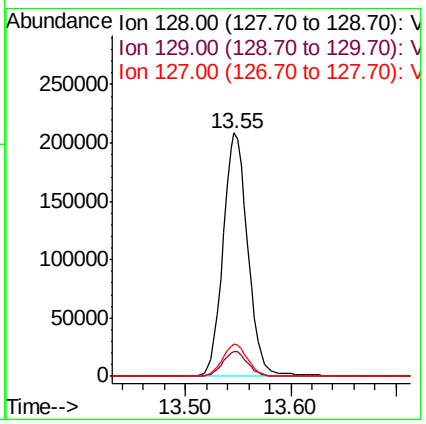


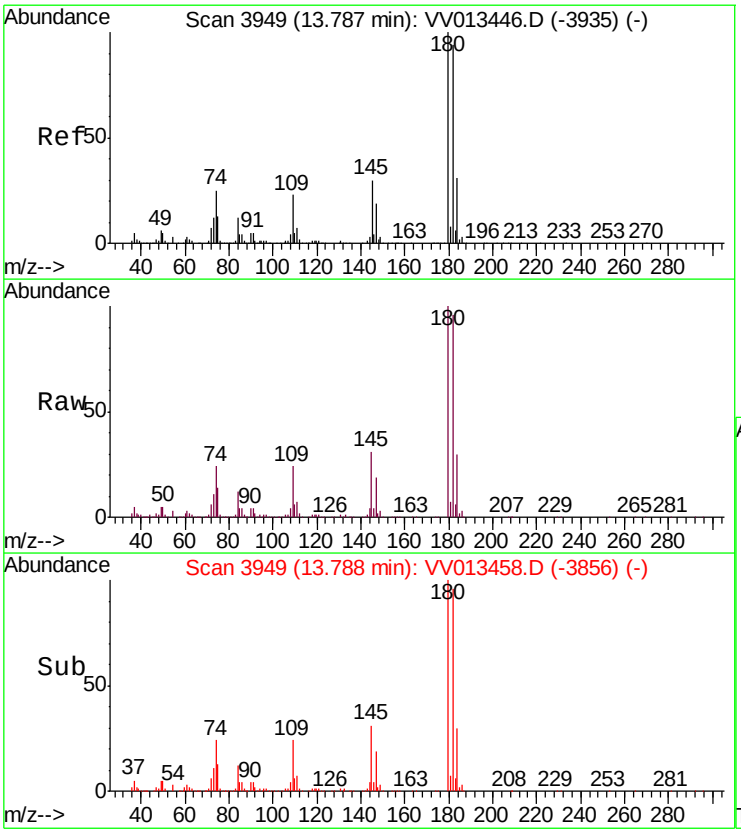
#69
Naphthalene
Concen: 4.555 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Tgt Ion:128 Resp: 337818

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.4	12.6
127	13.2	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 4.815 ug/L
RT: 13.79 min Scan# 3949
Delta R.T. 0.00 min
Lab File: VV013458.D
Acq: 31 Oct 2019 20:37

Tgt Ion:180 Resp: 224361

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.4	116.2
145	30.1	24.1	36.1