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

Quantitation Report (Not Reviewed)

Data File : VV013500.D
Acq On : 06 Nov 2019 16:00
Operator : SY/MD
Sample : MDL03
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL03

Quant Time: Nov 07 02:47:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	886618	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	849856	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	391047	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	254229	48.97	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.94%				
7) Chloroethane-d5	1.58	69	210262	49.75	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.50%				
11) 1,1-Dichloroethene-d2	2.13	63	339436	37.38	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.76%				
21) 2-Butanone-d5	3.92	46	450341	117.31	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.31%				
24) Chloroform-d	4.40	84	552144	48.99	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.98%				
26) 1,2-Dichloroethane-d4	5.08	65	380709	51.76	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.52%				
32) Benzene-d6	5.10	84	1164751	51.39	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.78%				
36) 1,2-Dichloropropane-d6	6.11	67	381412	51.87	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.74%				
41) Toluene-d8	7.36	98	1042996	50.01	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.02%				
43) trans-1,3-Dichloropropene-	7.66	79	168743	49.94	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.88%				
47) 2-Hexanone-d5	8.13	63	275635	103.34	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.34%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	457536	49.53	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.06%				
64) 1,2-Dichlorobenzene-d4	11.67	152	422747	54.23	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	16554	2.243	ug/L		99
3) Chloromethane	1.25	50	17884	2.551	ug/L		94
6) Bromomethane	1.53	94	7569	2.409	ug/L		98
8) Chloroethane	1.60	64	10142	2.764	ug/L		99
9) Trichlorofluoromethane	1.77	101	21715	2.498	ug/L		97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14508	2.963	ug/L		85
13) Acetone	2.19	43	18189	5.077	ug/L		97
14) Carbon disulfide	2.32	76	40342	2.466	ug/L		99
15) Methyl Acetate	2.46	43	16923	2.589	ug/L		97
16) Methylene chloride	2.54	84	16856	2.665	ug/L		97
17) trans-1,2-Dichloroethene	2.79	96	14119	2.426	ug/L		98
18) Methyl tert-butyl Ether	2.80	73	40016	2.255	ug/L		99
19) 1,1-Dichloroethane	3.23	63	25735	2.319	ug/L		96
23) Bromochloromethane	4.30	128	8118	2.417	ug/L		94
25) Chloroform	4.42	83	46910	4.108	ug/L		97
27) 1,2-Dichloroethane	5.18	62	20850	2.383	ug/L	#	94
29) Cyclohexane	4.73	56	21610	2.213	ug/L	#	91

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

Quantitation Report (Not Reviewed)

Data File : VV013500.D
Acq On : 06 Nov 2019 16:00
Operator : SY/MD
Sample : MDL03
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL03

Quant Time: Nov 07 02:47:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) 1,1,1-Trichloroethane	4.65	97	21279	2.250	ug/L		95
31) Carbon tetrachloride	4.87	117	18475	2.190	ug/L		91
33) Benzene	5.15	78	54407	2.255	ug/L		100
34) Trichloroethene	5.96	95	15850	2.472	ug/L		95
35) Methylcyclohexane	6.17	83	22437	2.270	ug/L		98
37) 1,2-Dichloropropane	6.22	63	14162	2.230	ug/L	#	97
38) Bromodichloromethane	6.56	83	19560	2.342	ug/L		92
39) cis-1,3-Dichloropropene	7.07	75	20810	2.157	ug/L		98
40) 4-Methyl-2-pentanone	7.27	43	35953	4.391	ug/L		96
42) Toluene	7.43	91	60484	2.405	ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	27212	3.241	ug/L		98
45) 1,1,2-Trichloroethane	7.88	97	14434	2.427	ug/L		97
46) Tetrachloroethene	8.02	164	12973	2.370	ug/L		97
48) 2-Hexanone	8.18	43	46366	7.171	ug/L		97
49) Dibromochloromethane	8.29	129	15509	2.268	ug/L		100
50) 1,2-Dibromoethane	8.40	107	15146	2.427	ug/L		97
51) Chlorobenzene	8.92	112	38159	2.283	ug/L		95
52) Ethylbenzene	9.05	91	56018	2.053	ug/L		100
53) m,p-Xylene	9.18	106	21541	2.080	ug/L		97
54) o-xylene	9.59	106	19362	1.949	ug/L		94
55) Styrene	9.60	104	32235	1.877	ug/L		95
56) Isopropylbenzene	9.97	105	49917	1.914	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.28	83	21768	2.424	ug/L	#	92
59) 1,2,3-Trichloropropane	10.31	75	18350	2.454	ug/L		97
61) Bromoform	9.77	173	11064	2.413	ug/L		96
62) 1,3-Dichlorobenzene	11.23	146	29046	2.451	ug/L		95
63) 1,4-Dichlorobenzene	11.32	146	31494	2.566	ug/L		94
65) 1,2-Dichlorobenzene	11.68	146	30977	2.610	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.47	75	3900	2.382	ug/L	#	78
67) 1,3,5-Trichlorobenzene	12.69	180	22371	2.416	ug/L		96
68) 1,2,4-trichlorobenzene	13.31	180	19176	2.364	ug/L	#	98
69) Naphthalene	13.55	128	46526	2.146	ug/L		100
70) 1,2,3-Trichlorobenzene	13.79	180	19872	2.307	ug/L		99

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

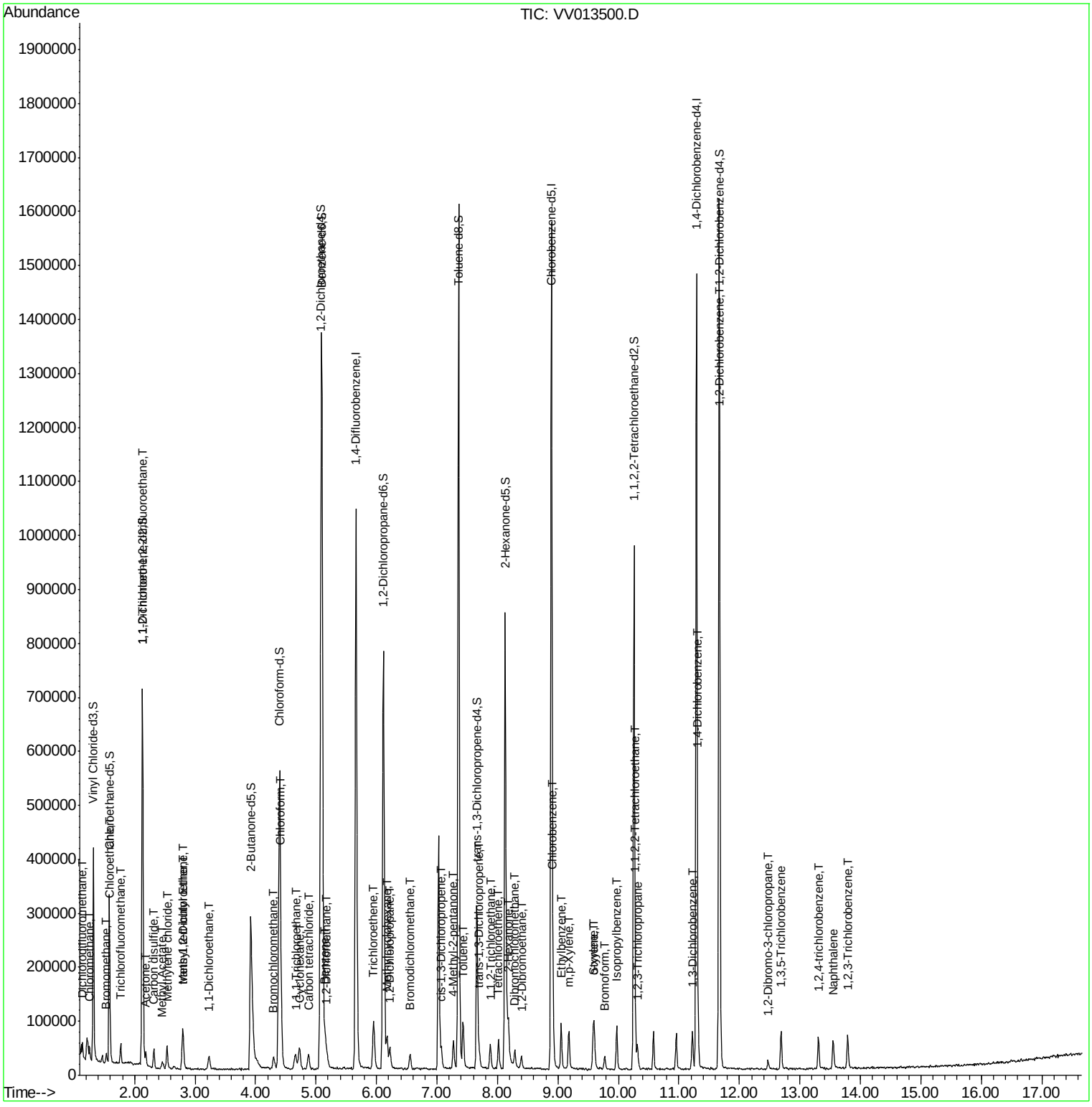
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\

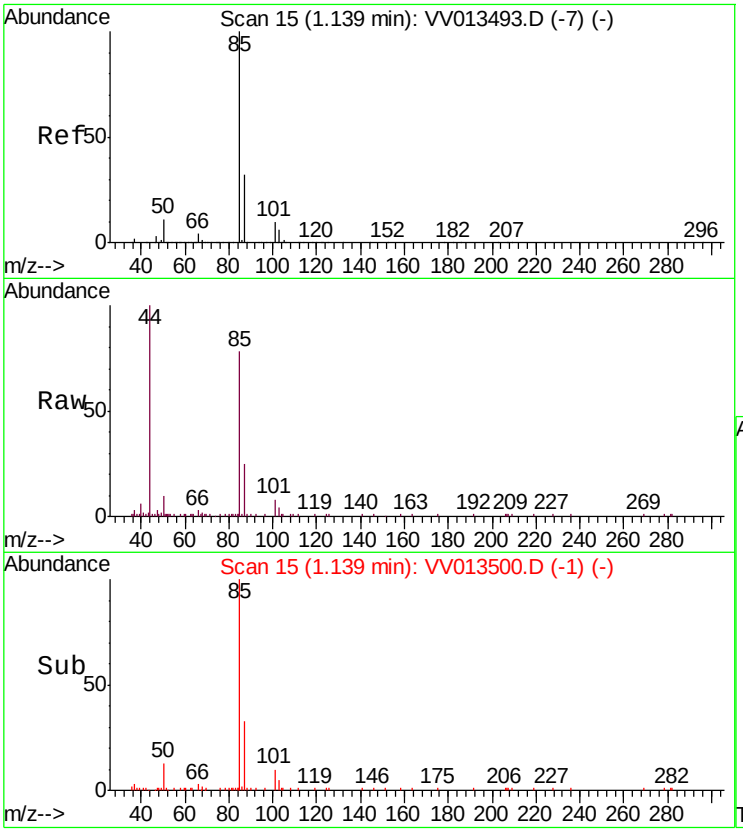
Quantitation Report (Not Reviewed)

Data File : VV013500.D
Acq On : 06 Nov 2019 16:00
Operator : SY/MD
Sample : MDL03
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Quant Time: Nov 07 02:47:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:53:11 2019
Response via : Initial Calibration



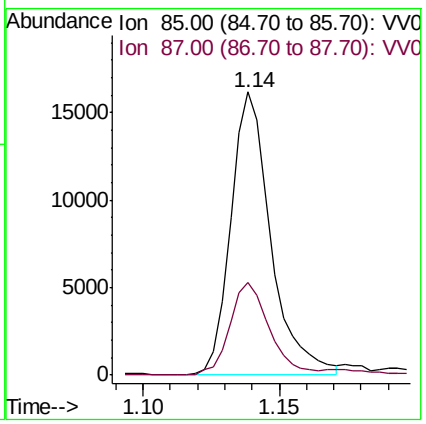


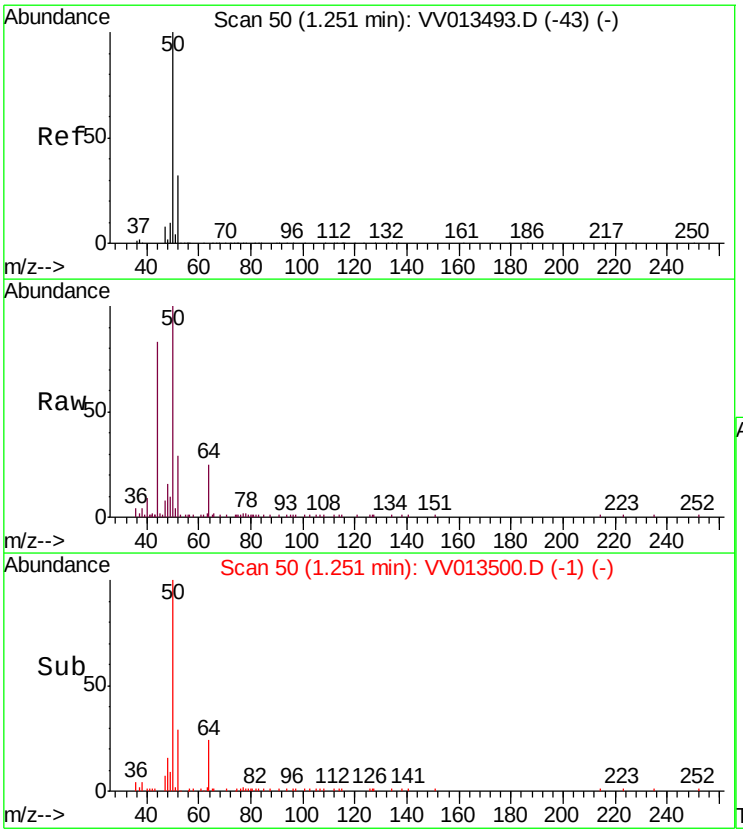
#2
Dichlorodifluoromethane
Concen: 2.243 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 85 Resp: 16554

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.4	38.0

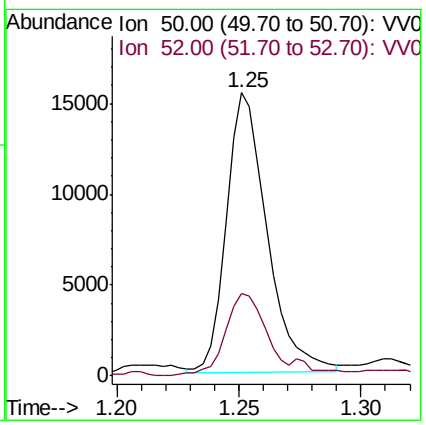


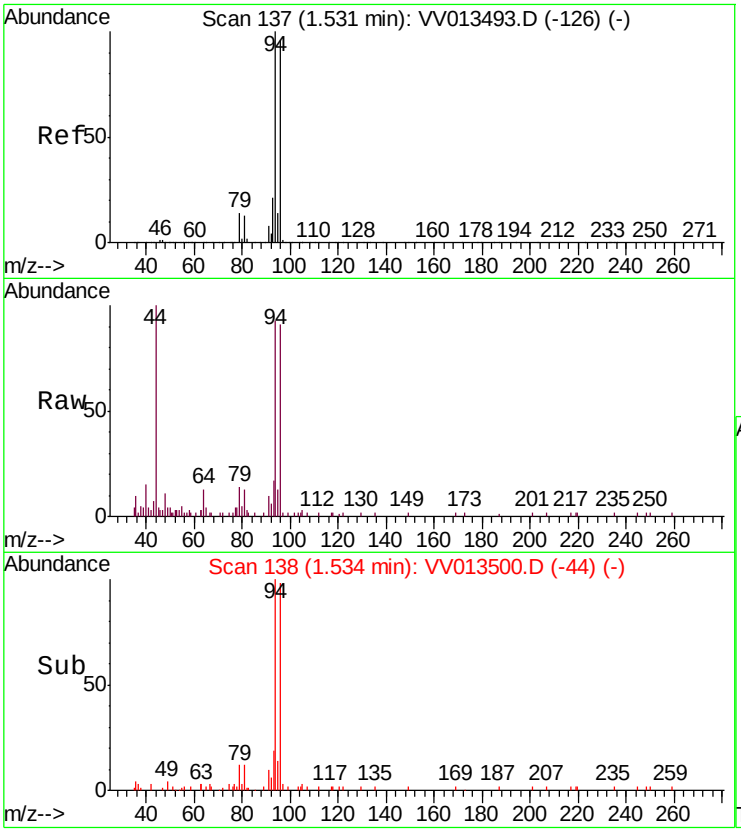


#3
Chloromethane
Concen: 2.551 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 50 Resp: 17884

Ion	Ratio	Lower	Upper
50	100		
52	29.1	22.5	41.9



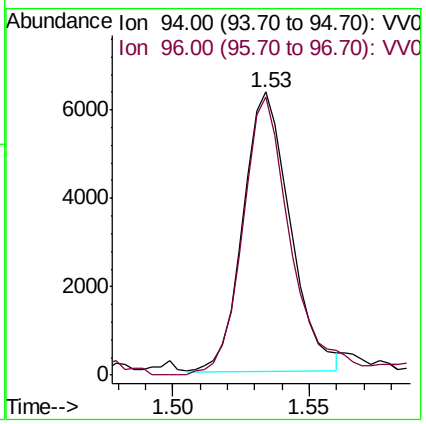


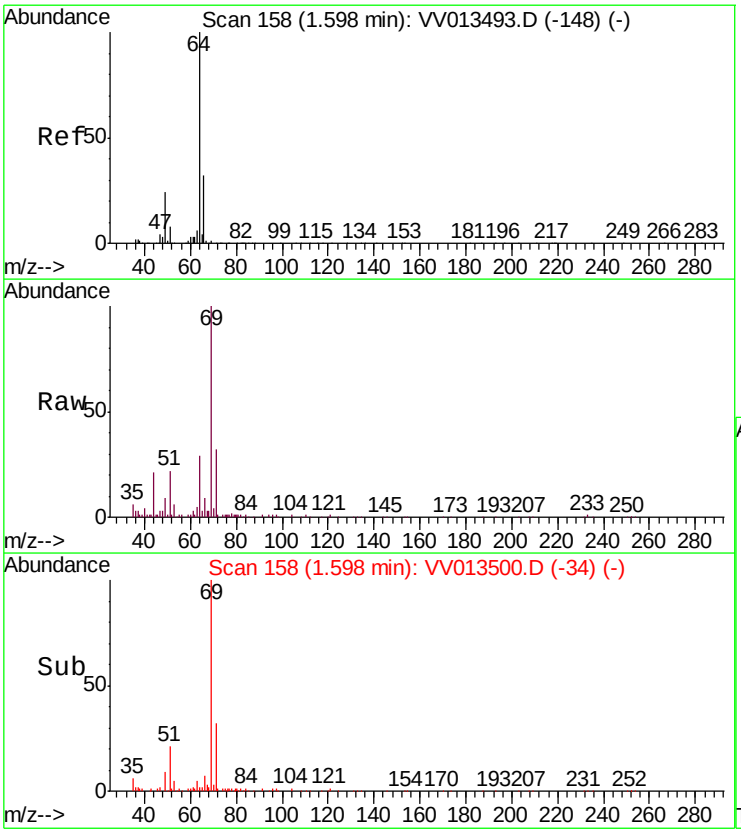
#6
Bromomethane
Concen: 2.409 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 94 Resp: 7569

Ion	Ratio	Lower	Upper
94	100		
96	98.2	67.4	125.2

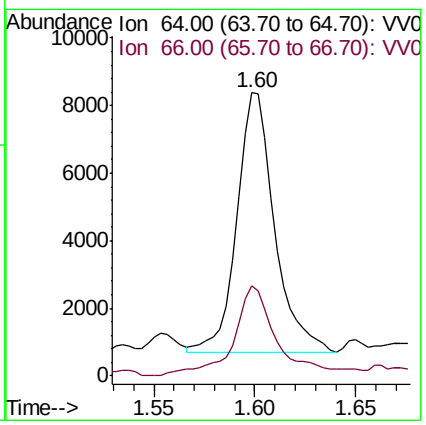


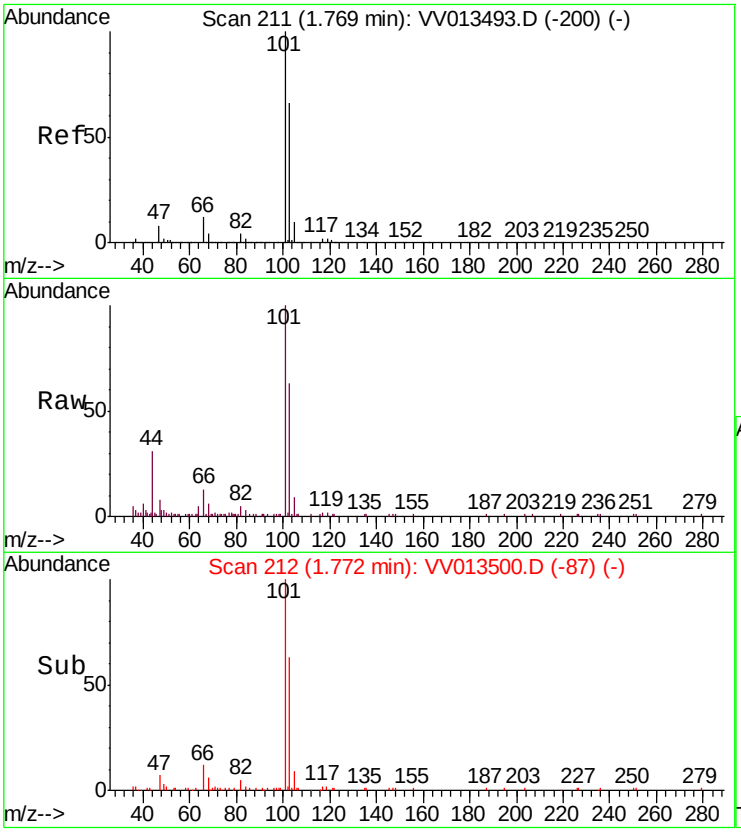


#8
Chloroethane
Concen: 2.764 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 64 Resp: 10142

Ion	Ratio	Lower	Upper
64	100		
66	31.8	22.5	41.9



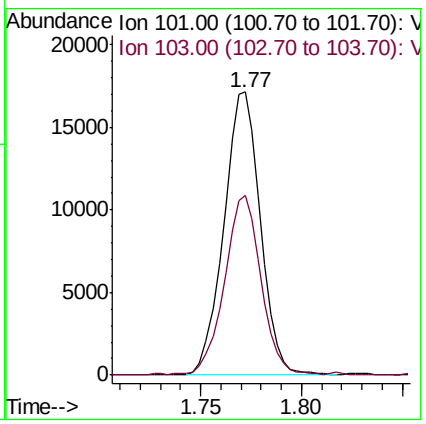


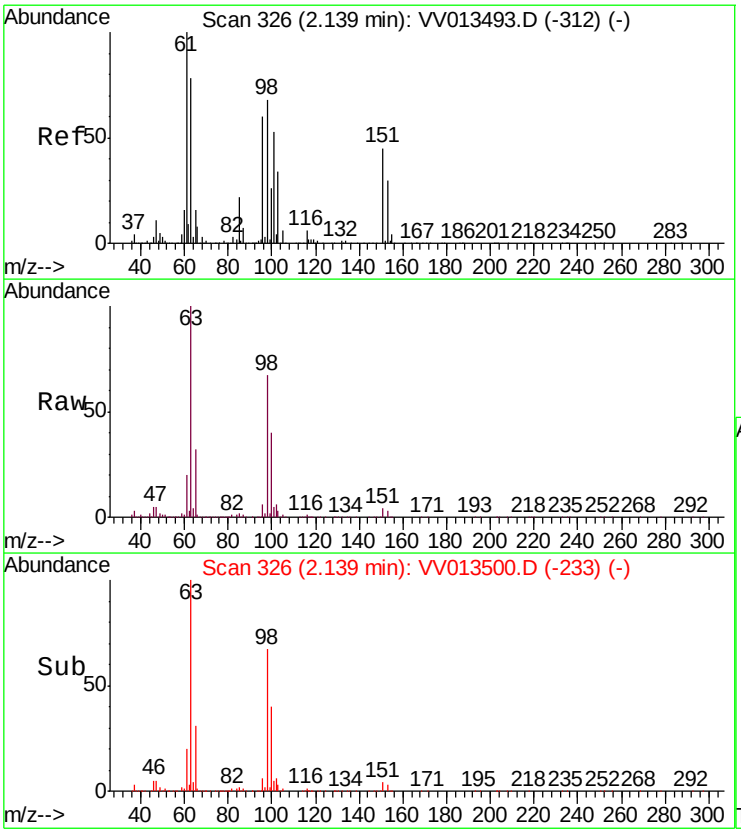
#9
Trichlorofluoromethane
Concen: 2.498 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:101 Resp: 21715

Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.5	78.7

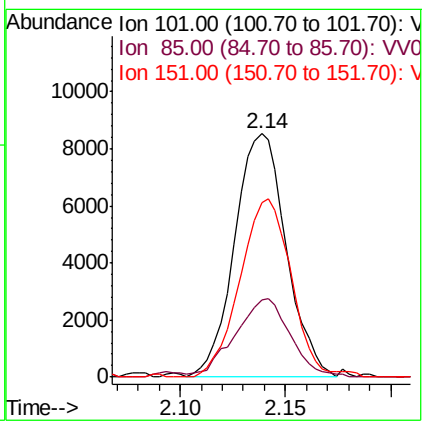


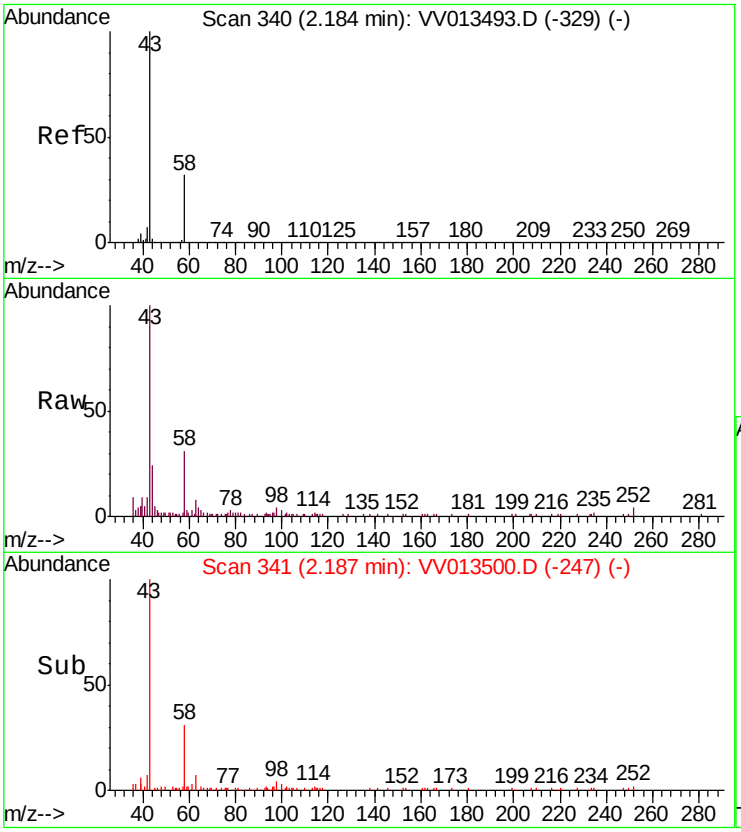


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.963 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:101 Resp: 14508

Ion	Ratio	Lower	Upper
101	100		
85	34.4	33.3	49.9
151	72.1	69.5	104.3



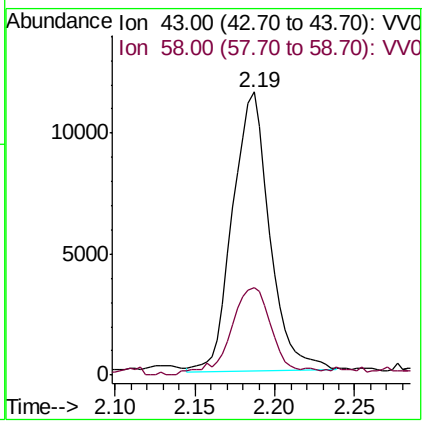


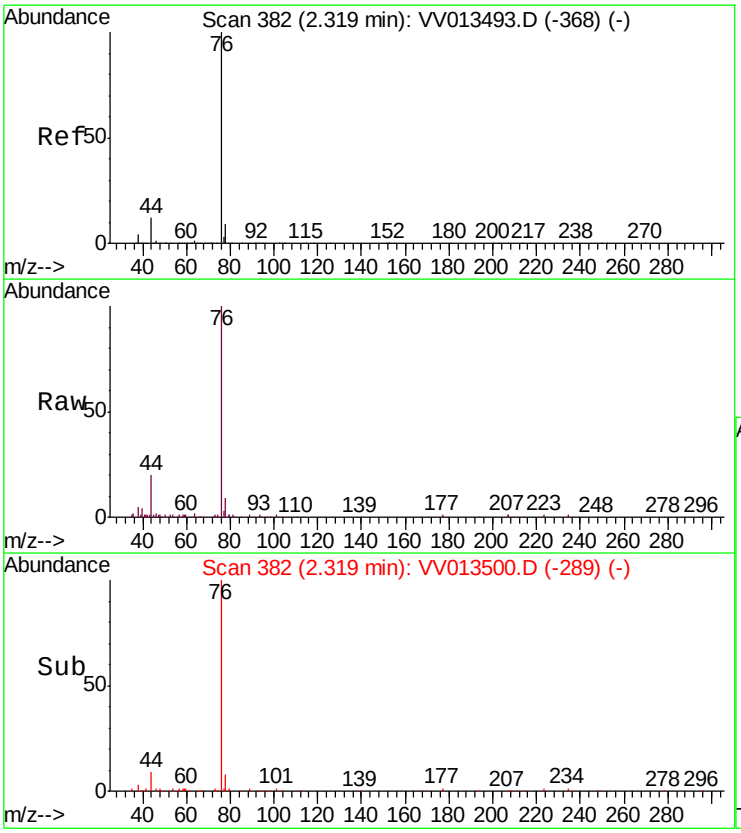
#13
Acetone
Concen: 5.077 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 43 Resp: 18189

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	65.2

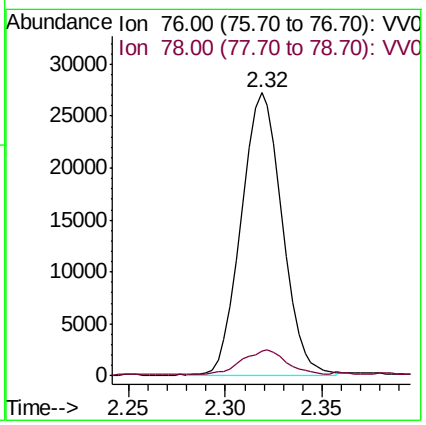


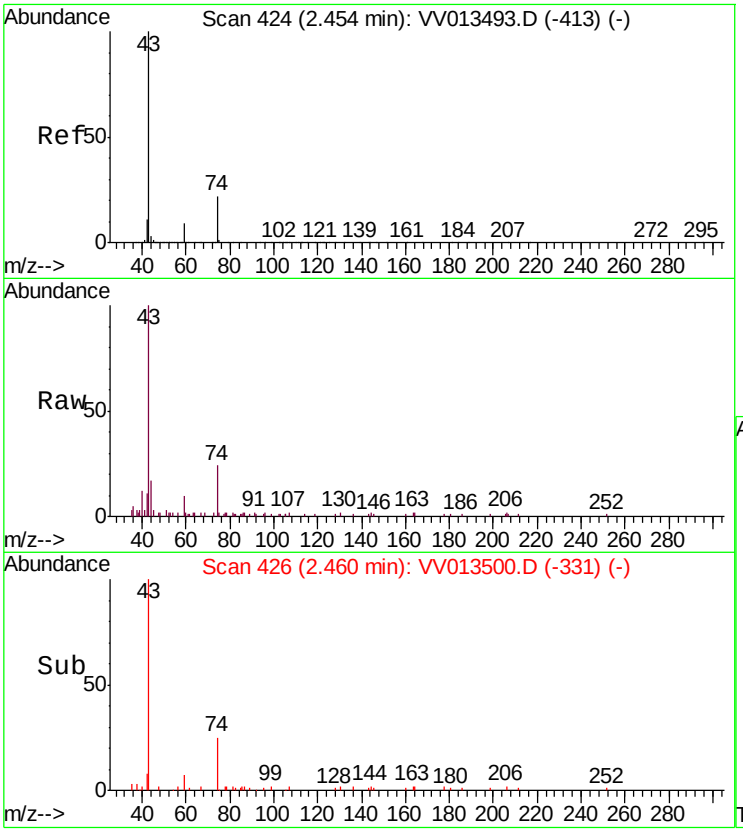


#14
Carbon disulfide
Concen: 2.466 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 76 Resp: 40342

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9



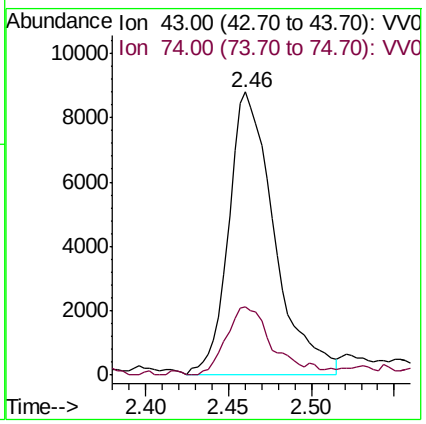


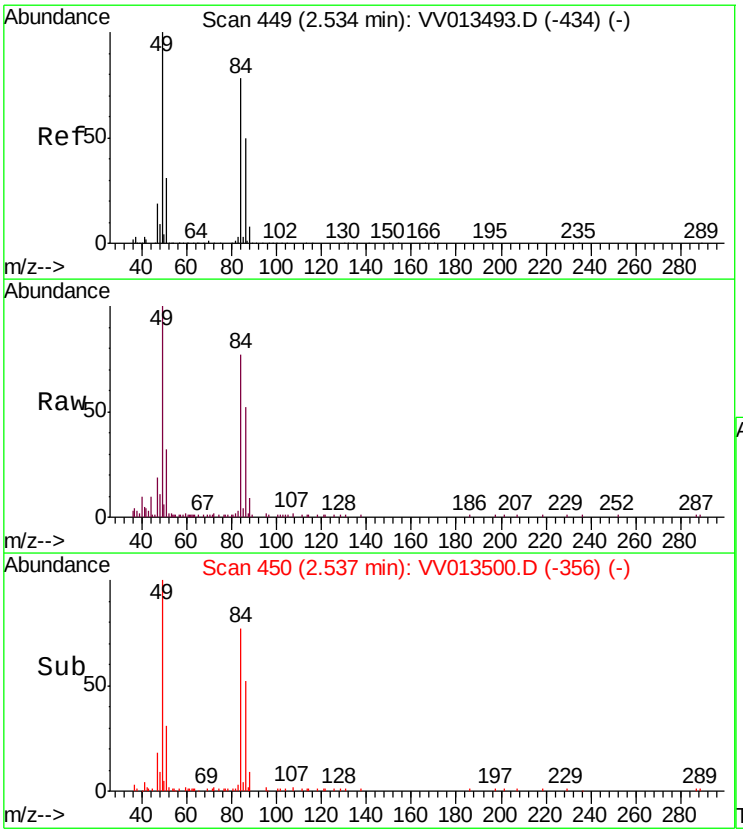
#15
Methyl Acetate
Concen: 2.589 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.01 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument : MSVOA_V
ClientSampleId : MDL03

Tgt Ion: 43 Resp: 16923

Ion	Ratio	Lower	Upper
43	100		
74	20.6	17.7	26.5

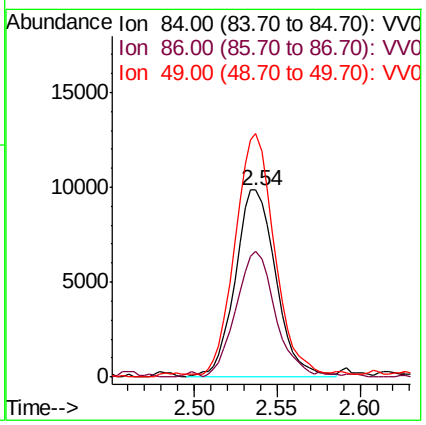


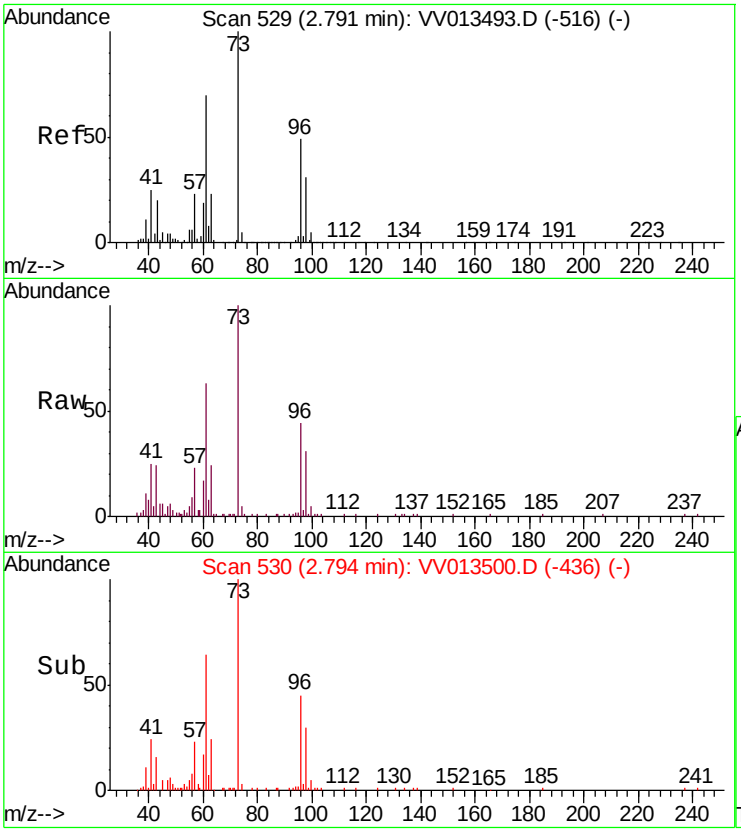


#16
Methylene chloride
Concen: 2.665 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 84 Resp: 16856

Ion	Ratio	Lower	Upper
84	100		
86	67.1	44.7	83.1
49	130.3	89.2	165.8



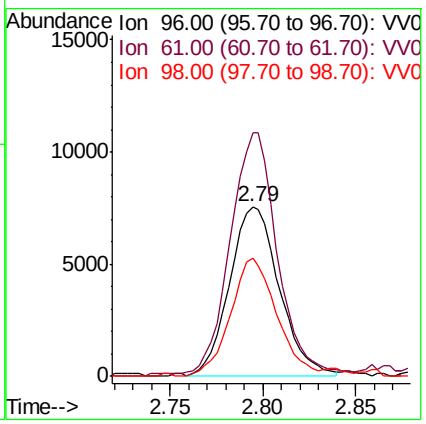


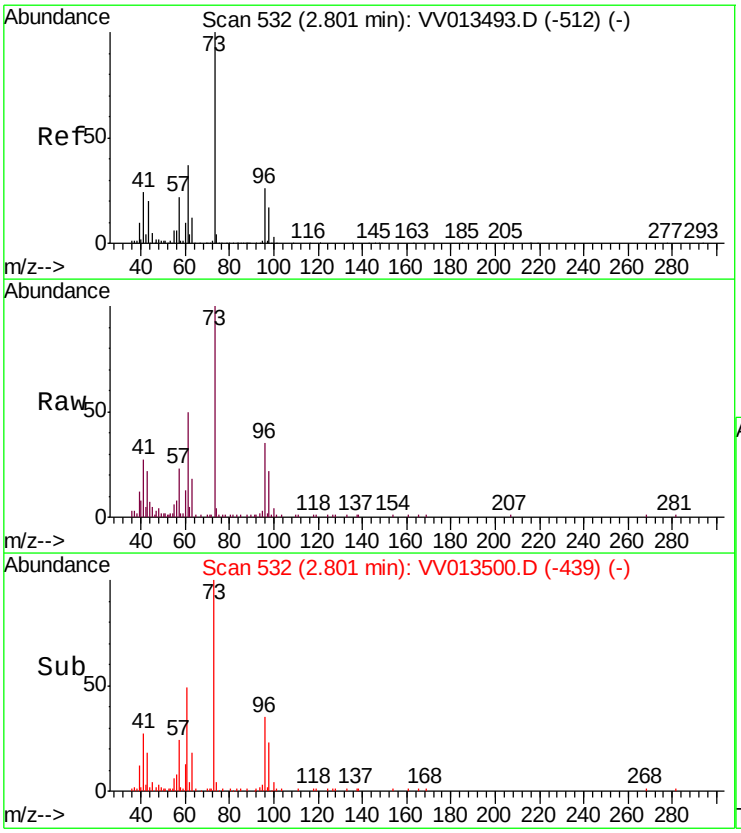
#17
trans-1,2-Dichloroethene
Concen: 2.426 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 96 Resp: 14119

Ion	Ratio	Lower	Upper
96	100		
61	143.4	100.4	186.6
98	69.4	44.7	83.1

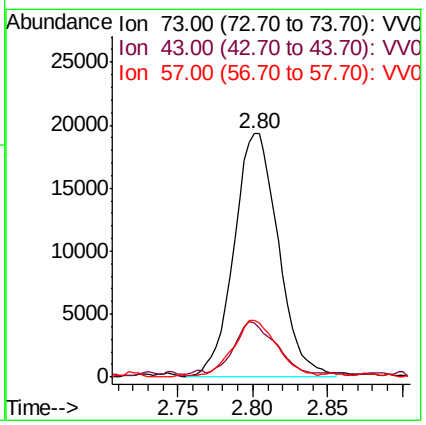


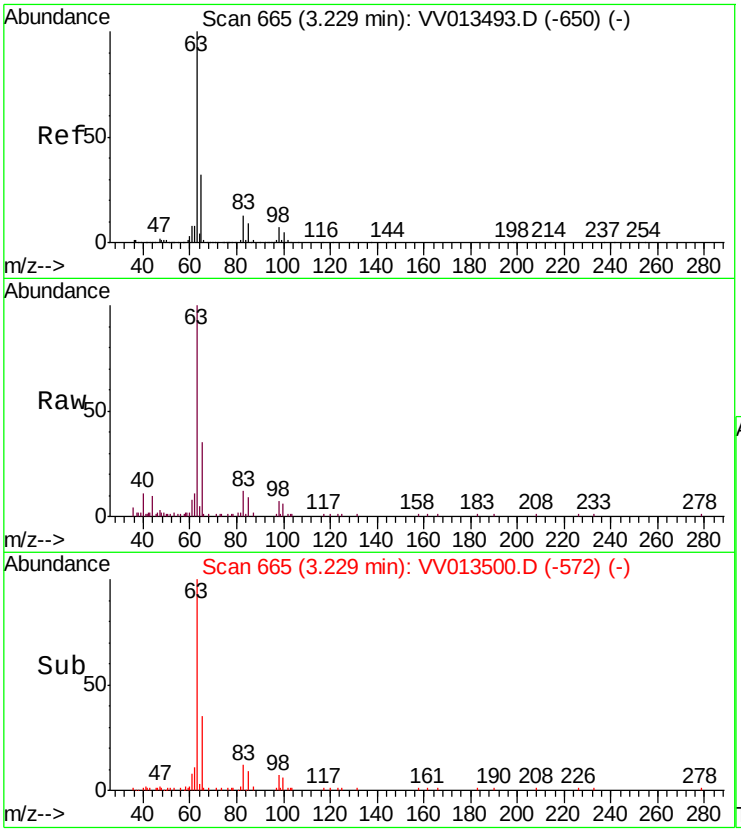


#18
Methyl tert-butyl Ether
Concen: 2.255 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 73 Resp: 40016

Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.7	23.5
57	22.6	18.1	27.1



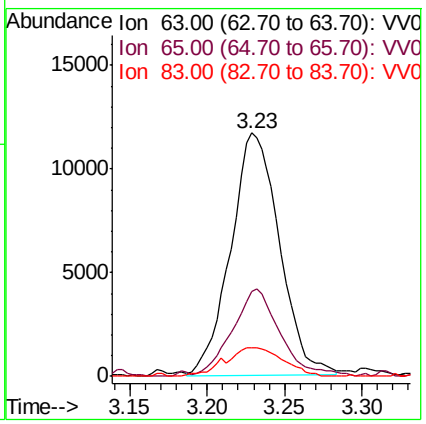


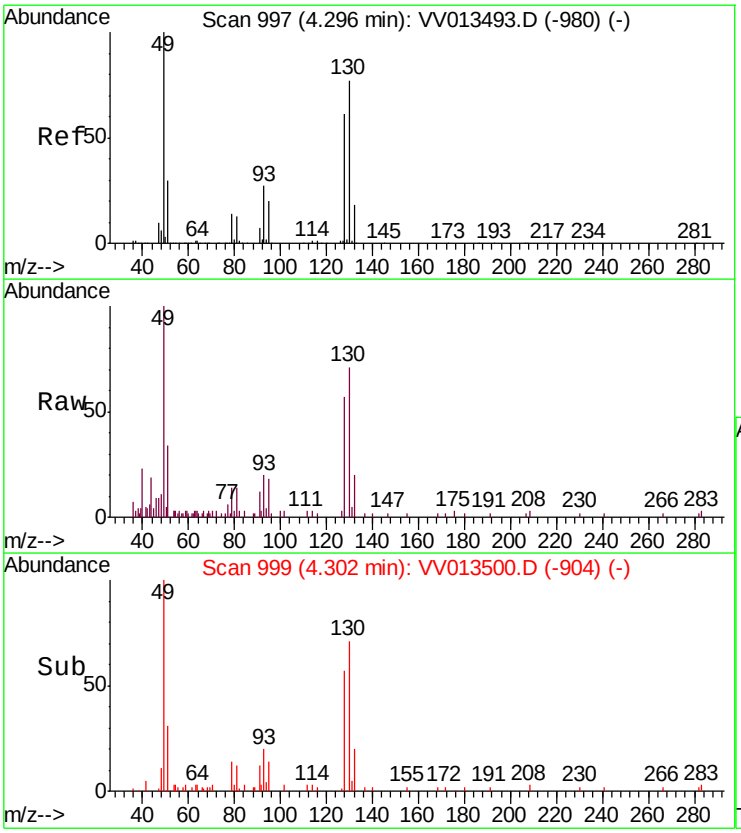
#19
1,1-Dichloroethane
Concen: 2.319 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 63 Resp: 25735

Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.2	41.2
83	12.0	8.9	16.5

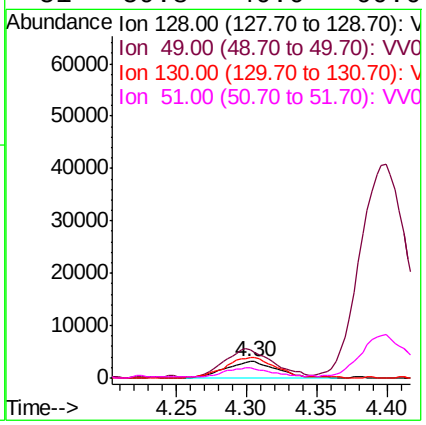


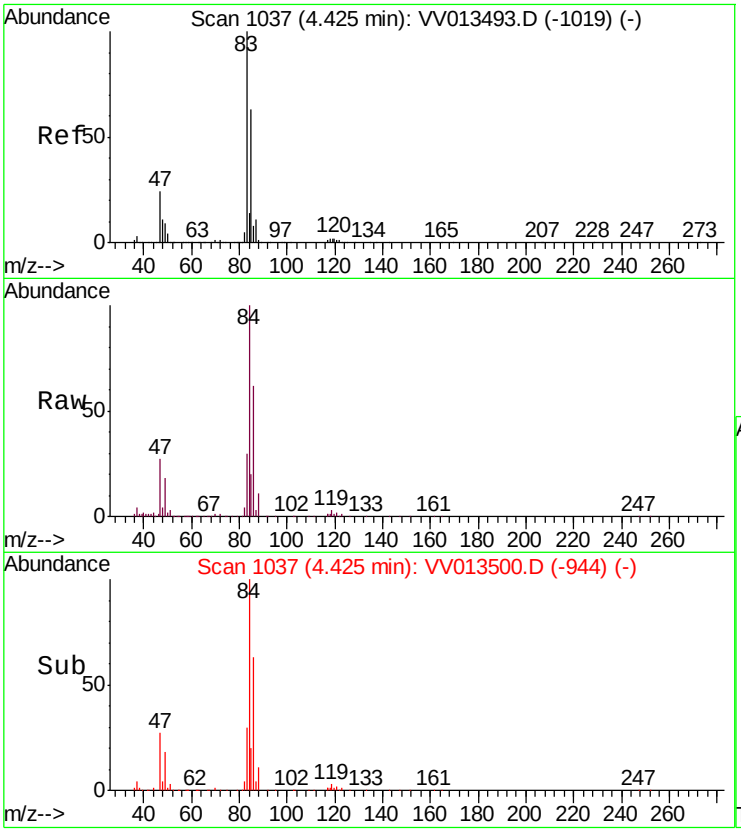


#23
Bromochloromethane
Concen: 2.417 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.01 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:128 Resp: 8118

Ion	Ratio	Lower	Upper
128	100		
49	174.4	115.8	215.2
130	124.0	89.1	165.5
51	59.8	40.0	60.0



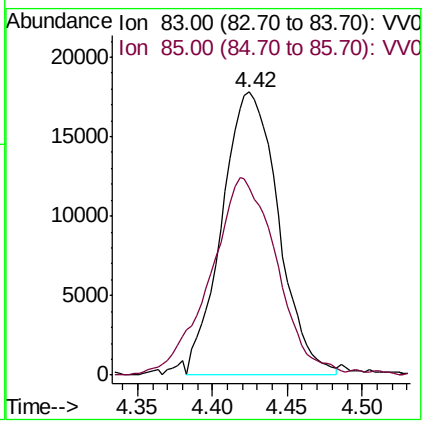


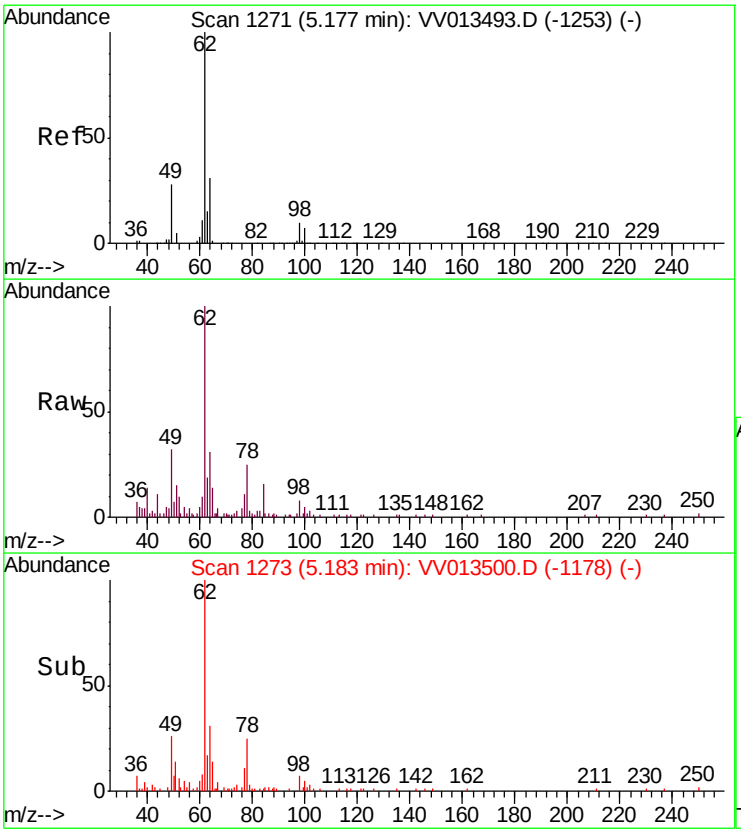
#25
Chloroform
Concen: 4.108 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 83 Resp: 46910

Ion	Ratio	Lower	Upper
83	100		
85	66.0	44.4	82.5

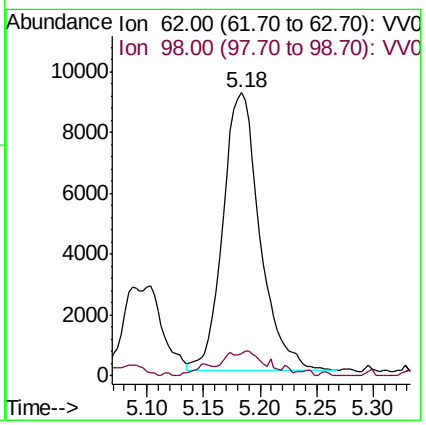


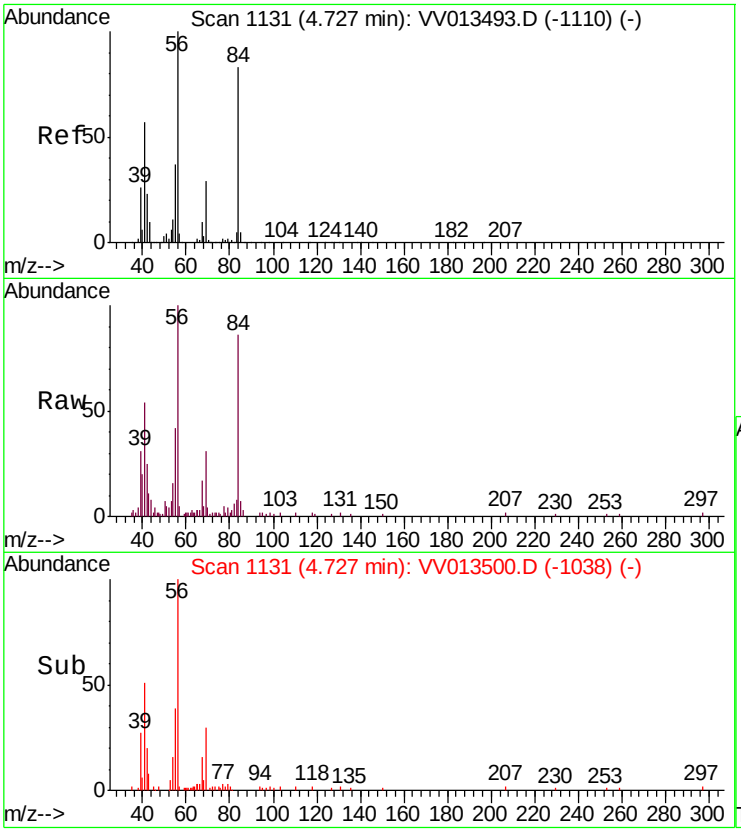


#27
1,2-Dichloroethane
Concen: 2.383 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 62 Resp: 20850

Ion	Ratio	Lower	Upper
62	100		
98	8.1	8.2	12.4#



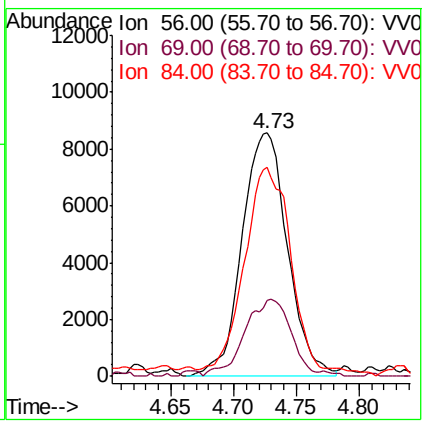


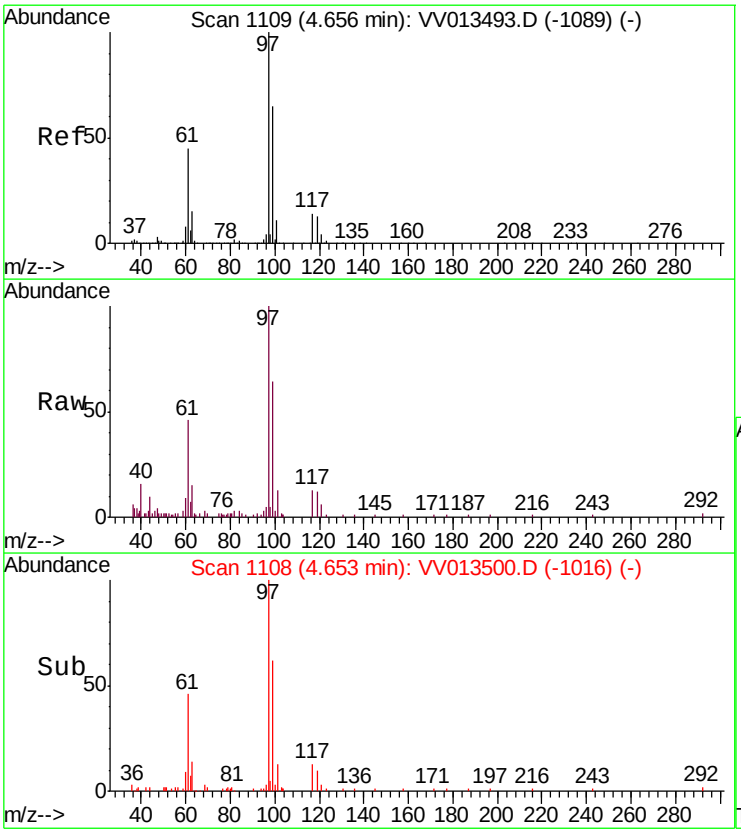
#29
Cyclohexane
Concen: 2.213 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 56 Resp: 21610

Ion	Ratio	Lower	Upper
56	100		
69	12.6	23.7	35.5#
84	81.7	66.3	99.5

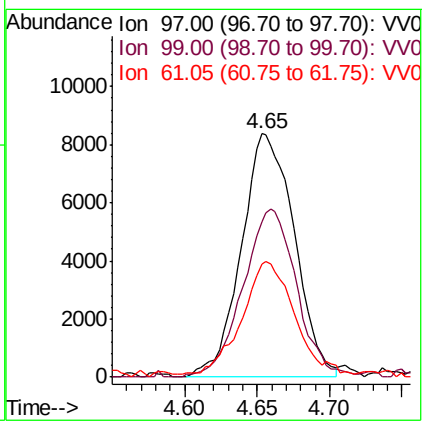


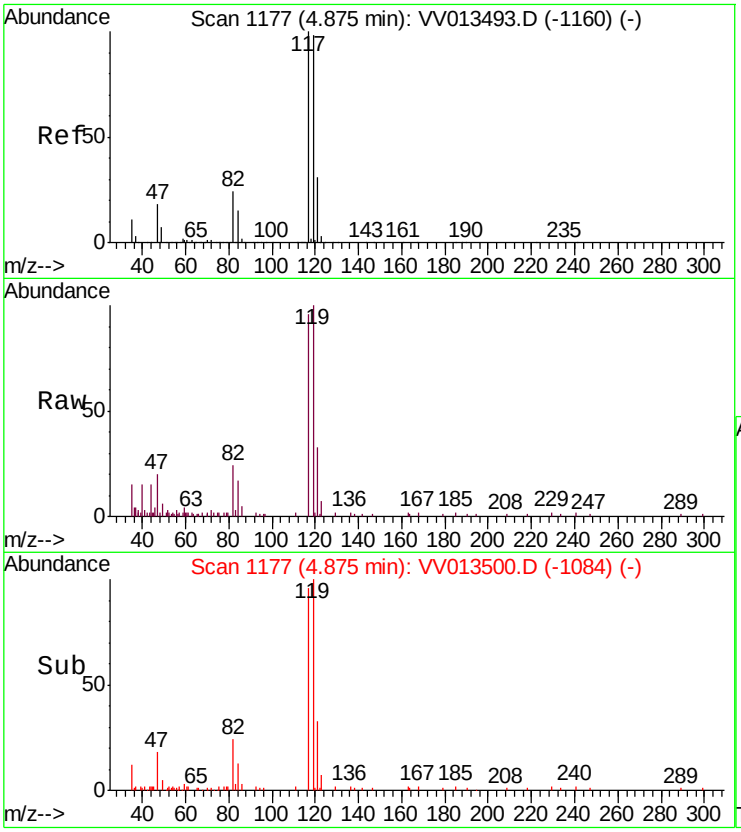


#30
1,1,1-Trichloroethane
Concen: 2.250 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 97 Resp: 21279

Ion	Ratio	Lower	Upper
97	100		
99	69.6	52.0	78.0
61	42.4	35.8	53.8



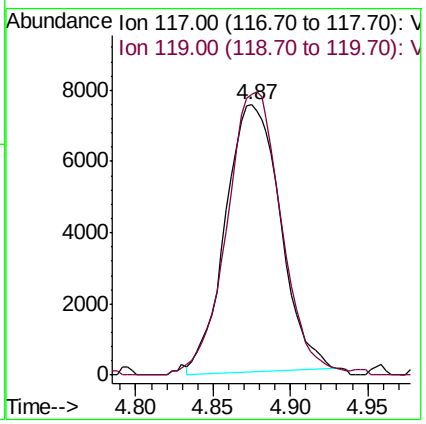


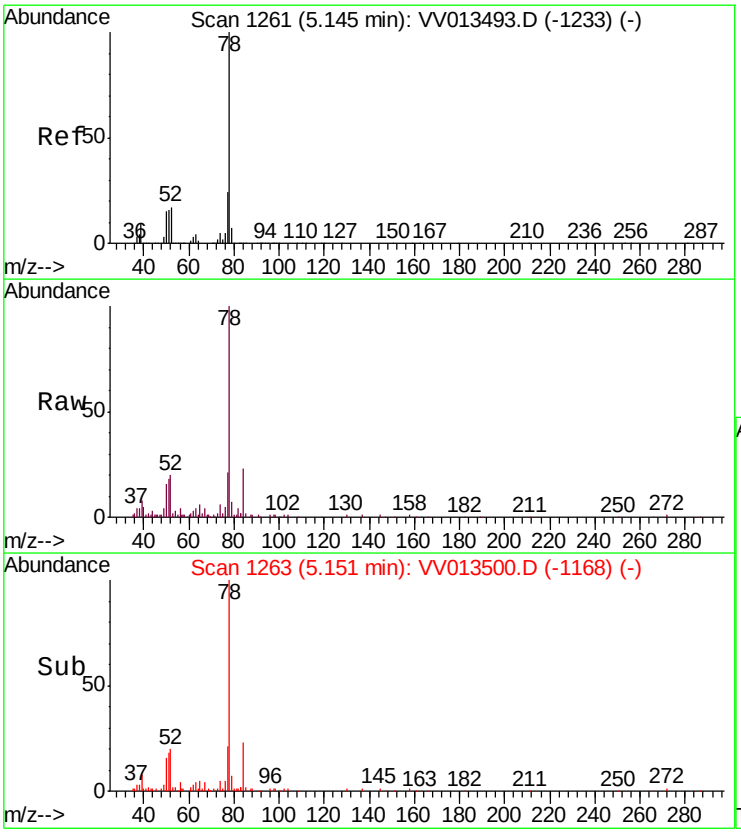
#31
Carbon tetrachloride
Concen: 2.190 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:117 Resp: 18475

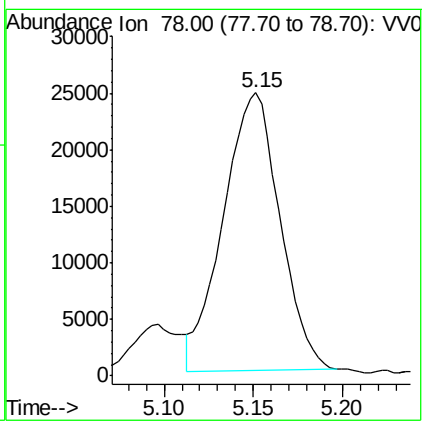
Ion	Ratio	Lower	Upper
117	100		
119	105.8	77.6	116.4

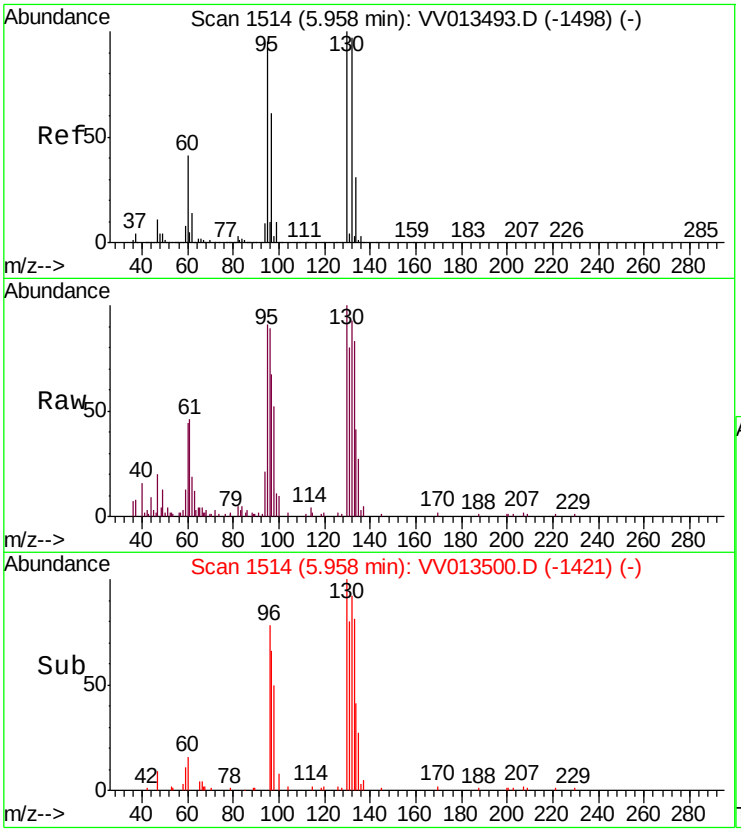




#33
Benzene
Concen: 2.255 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 78 Resp: 54407



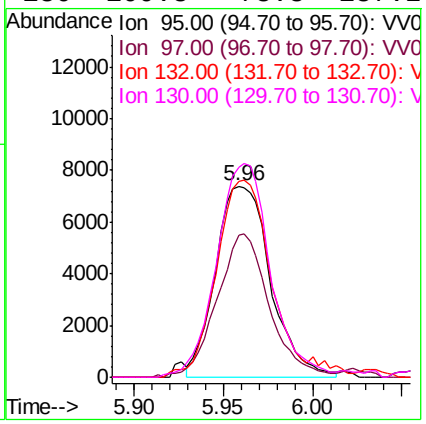


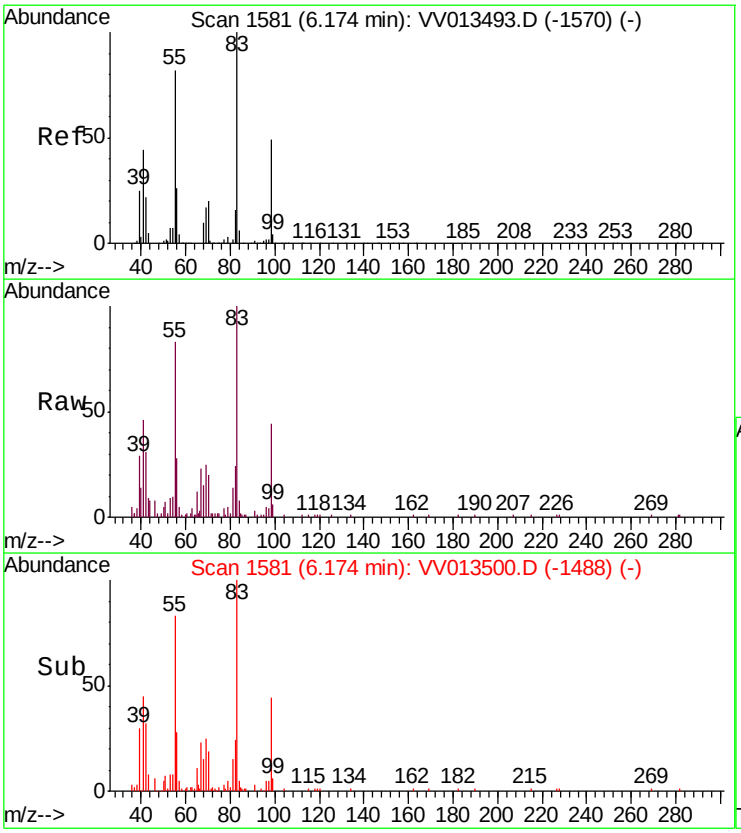
#34
Trichloroethene
Concen: 2.472 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 95 Resp: 15850

Ion	Ratio	Lower	Upper
95	100		
97	74.0	45.1	83.7
132	102.7	71.7	133.1
130	109.8	73.8	137.2

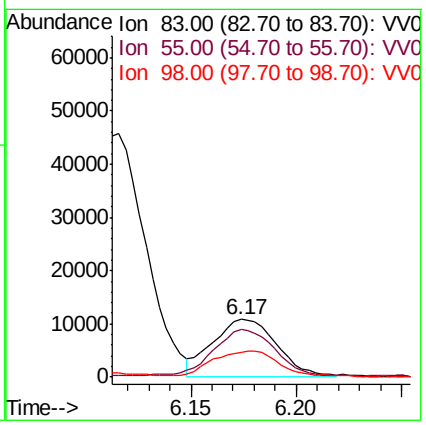


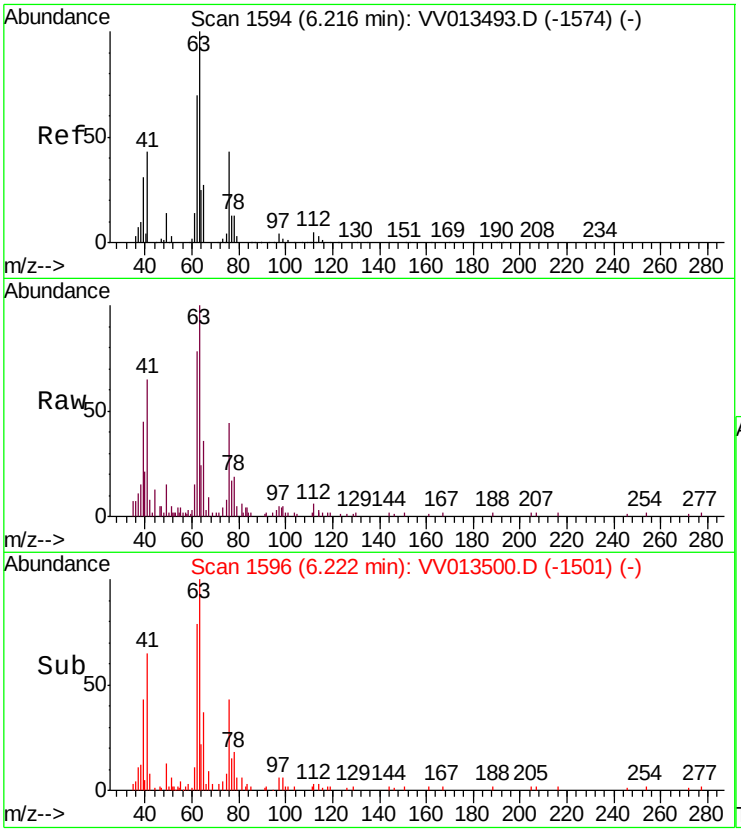


#35
Methylcyclohexane
Concen: 2.270 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 83 Resp: 22437

Ion	Ratio	Lower	Upper
83	100		
55	78.1	63.4	95.0
98	45.9	38.6	58.0



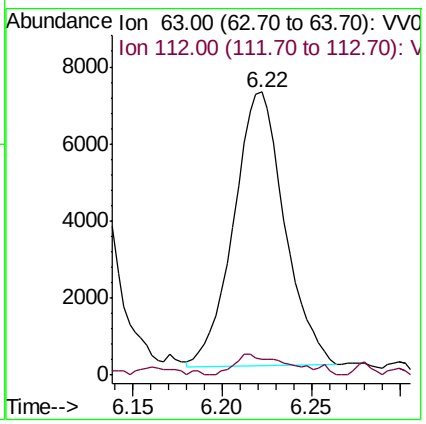


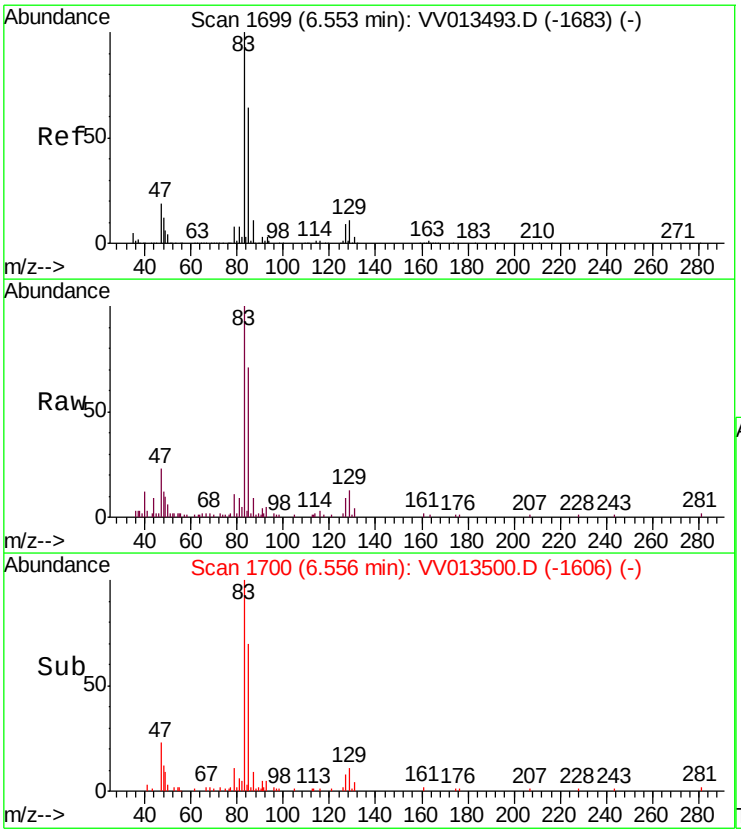
#37
1,2-Dichloropropane
Concen: 2.230 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 63 Resp: 14162

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.9	5.9#

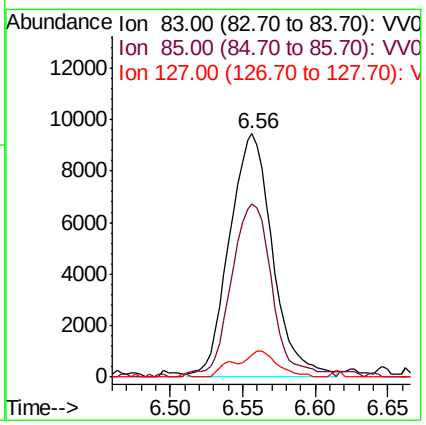


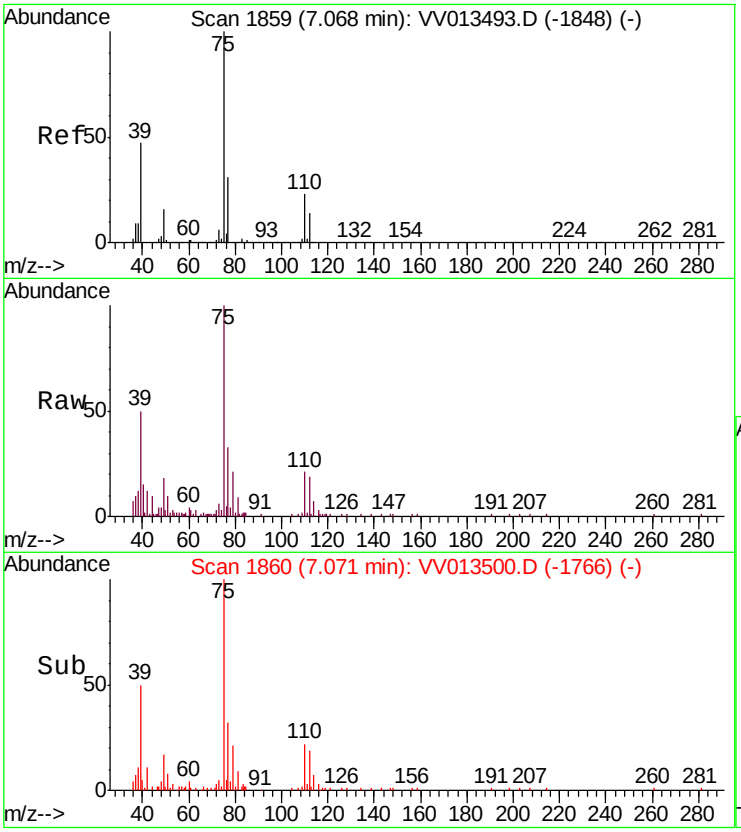


#38
Bromodichloromethane
Concen: 2.342 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 83 Resp: 19560

Ion	Ratio	Lower	Upper
83	100		
85	71.2	44.8	83.2
127	9.3	7.1	10.7



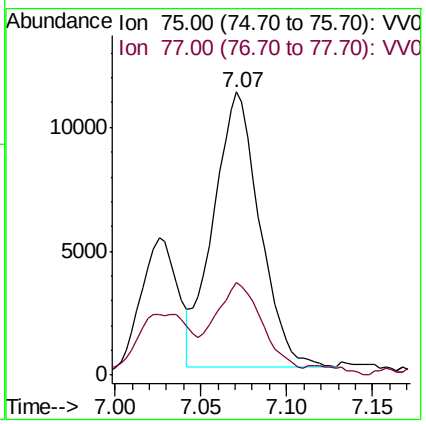


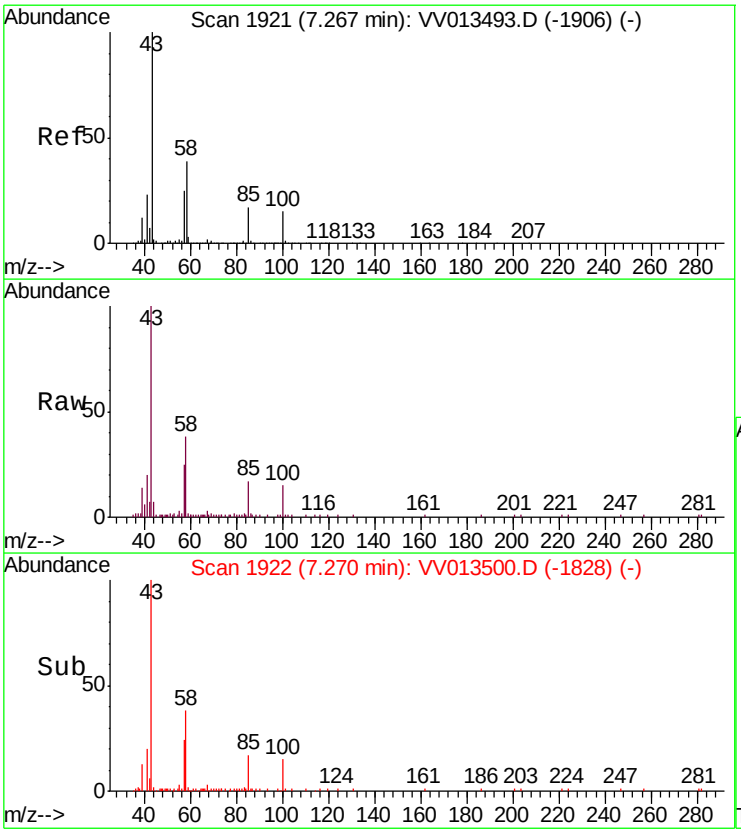
#39
cis-1,3-Dichloropropene
Concen: 2.157 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 75 Resp: 20810

Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.0	40.8

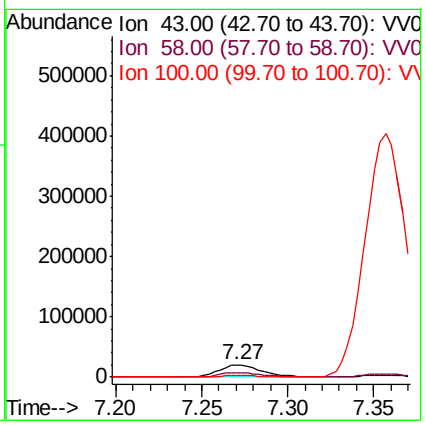


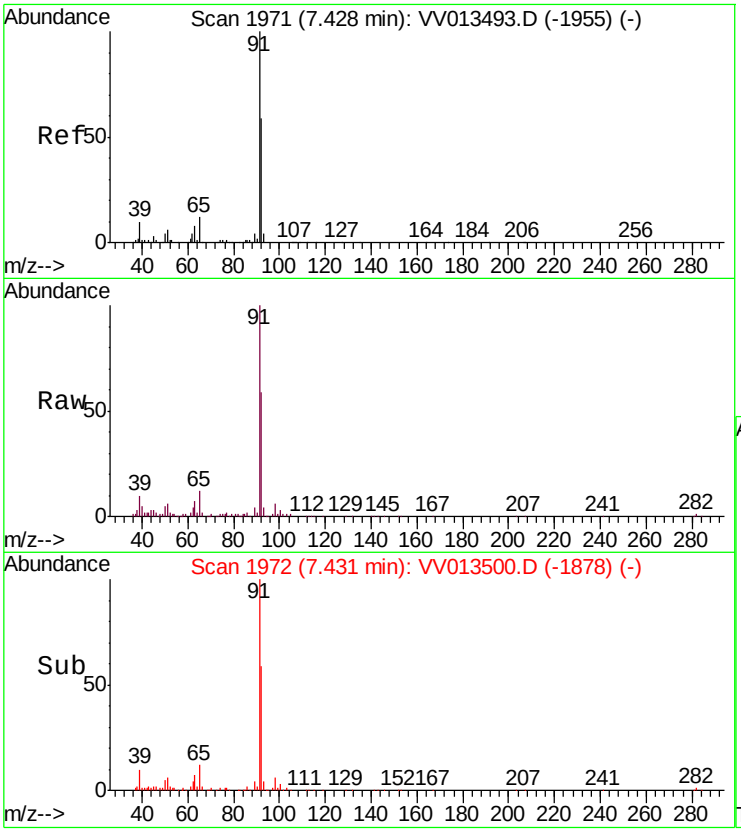


#40
4-Methyl-2-pentanone
Concen: 4.391 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 43 Resp: 35953

Ion	Ratio	Lower	Upper
43	100		
58	35.7	31.0	46.4
100	15.4	12.2	18.2



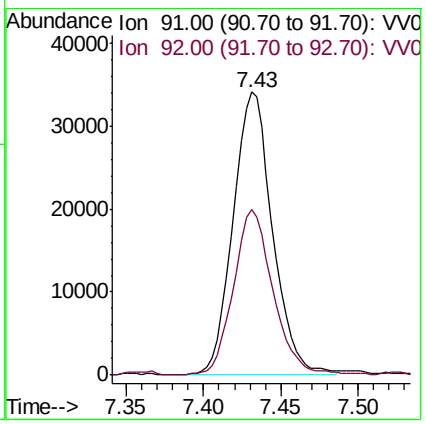


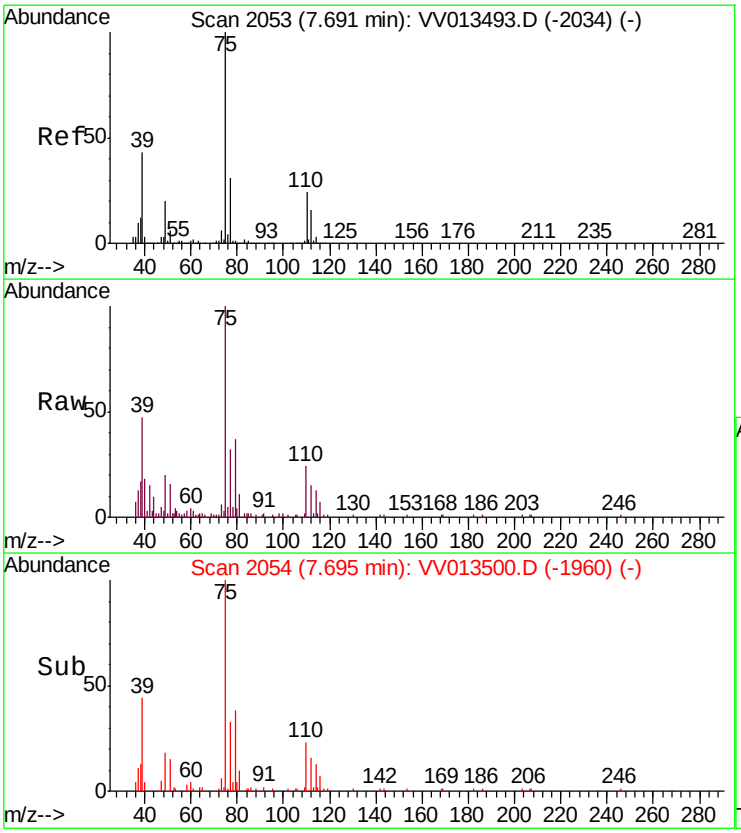
#42
Toluene
Concen: 2.405 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 91 Resp: 60484

Ion	Ratio	Lower	Upper
91	100		
92	58.6	41.3	76.7

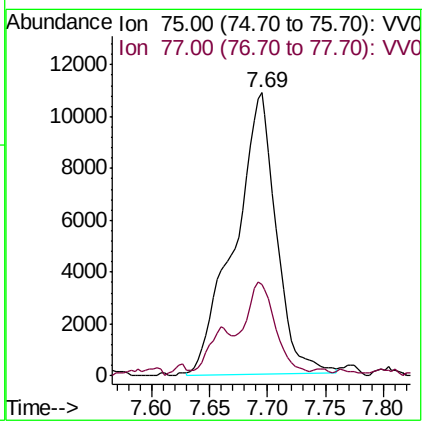


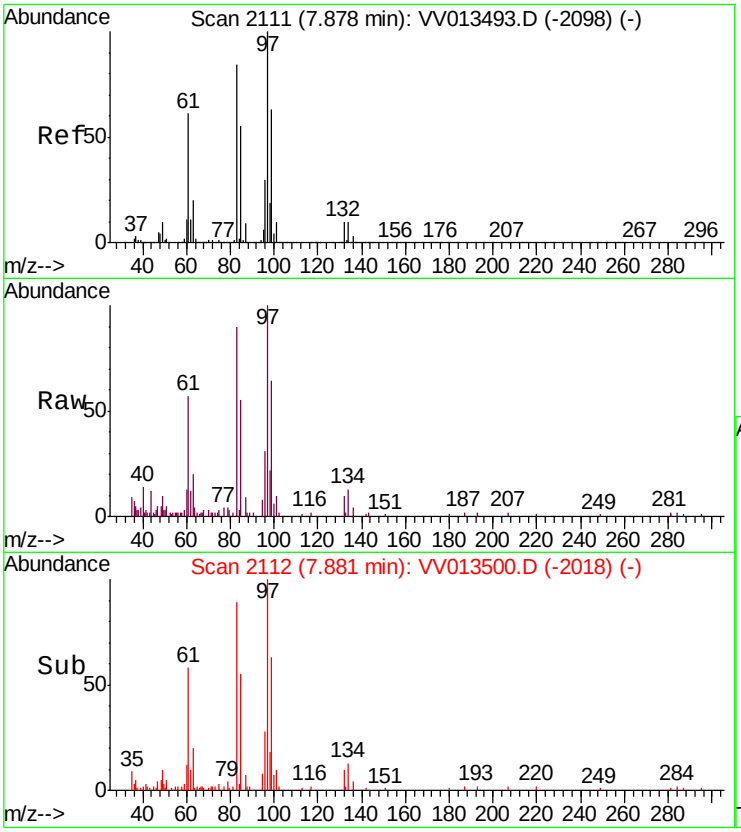


#44
trans-1,3-Dichloropropene
Concen: 3.241 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 75 Resp: 27212

Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.0	41.0



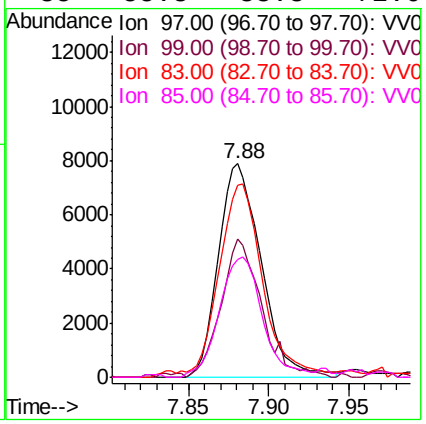


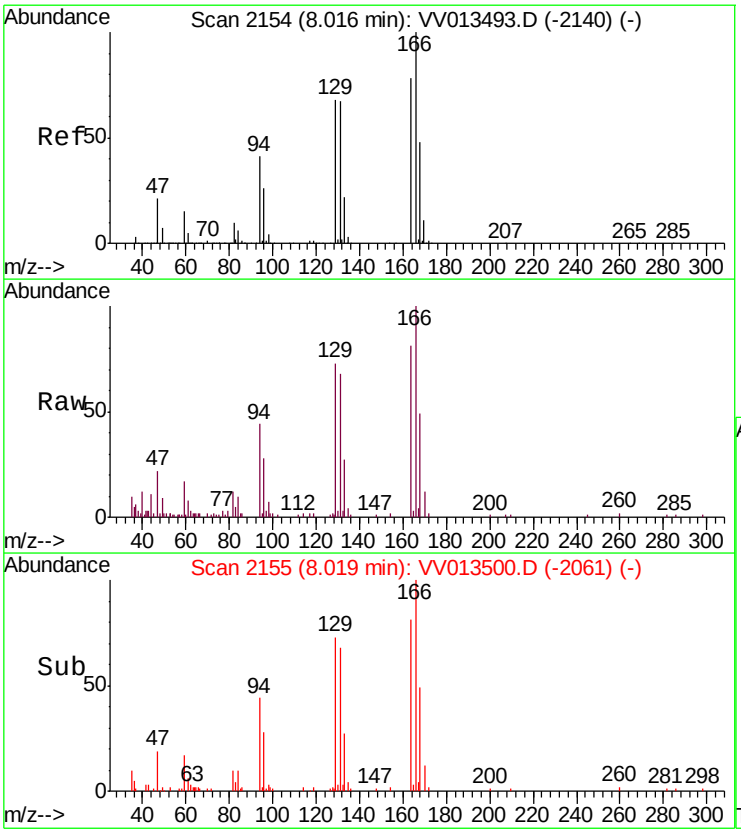
#45
1,1,2-Trichloroethane
Concen: 2.427 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 97 Resp: 14434

Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.8	81.4
83	90.1	59.1	109.9
85	55.3	38.8	72.0

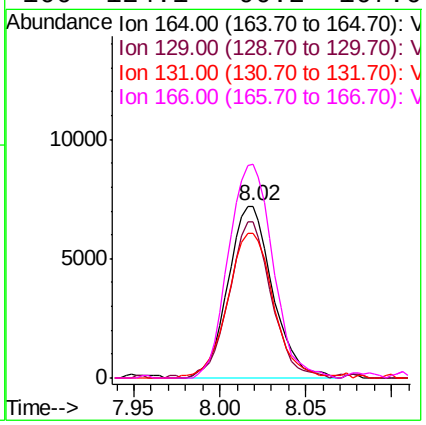


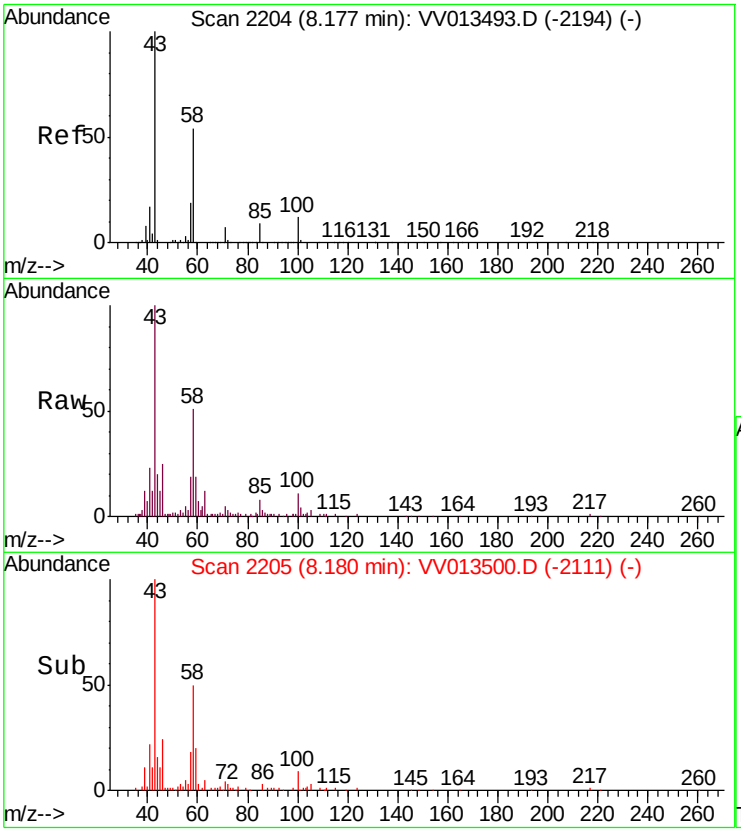


#46
Tetrachloroethene
Concen: 2.370 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:164 Resp: 12973

Ion	Ratio	Lower	Upper
164	100		
129	90.6	61.5	114.3
131	84.2	60.6	112.6
166	124.1	90.2	167.6



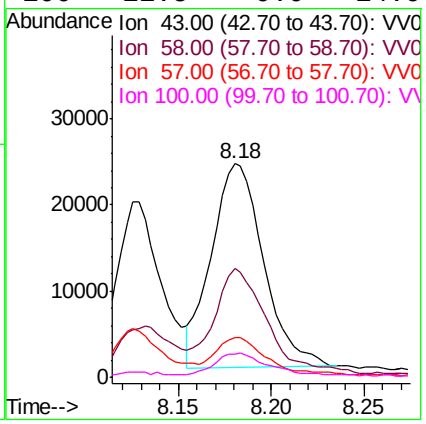


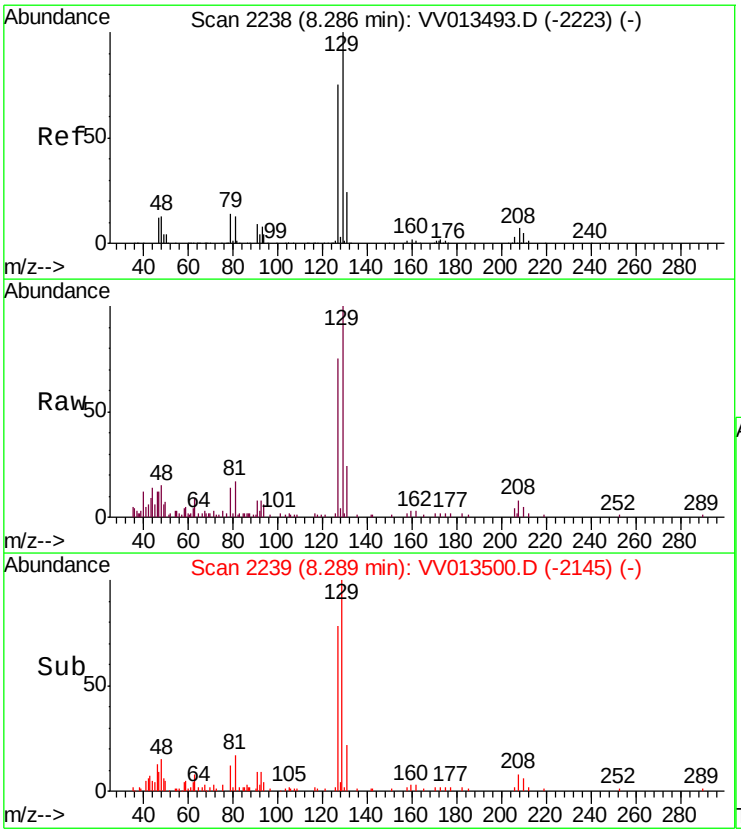
#48
2-Hexanone
Concen: 7.171 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument : MSVOA_V
ClientSampleId : MDL03

Tgt Ion: 43 Resp: 46366

Ion	Ratio	Lower	Upper
43	100		
58	53.2	43.4	65.0
57	15.9	15.2	22.8
100	11.5	9.9	14.9

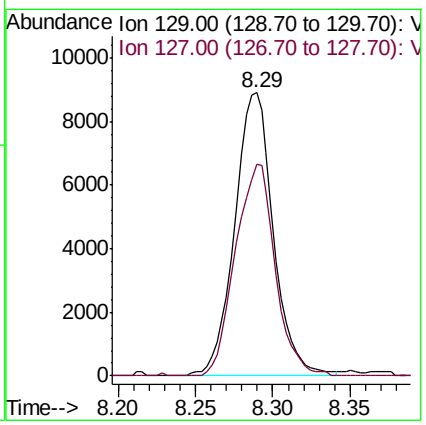


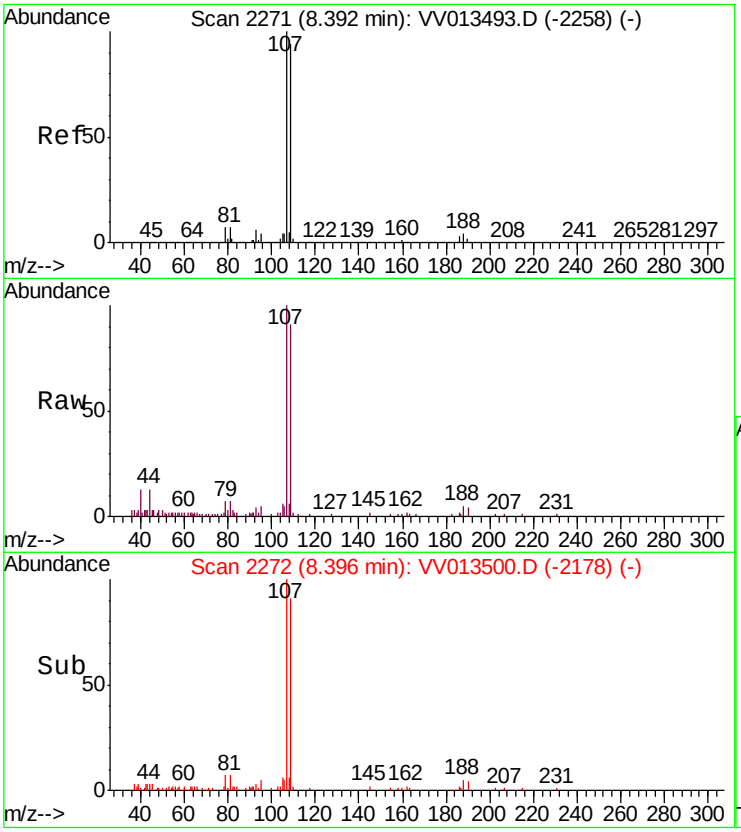


#49
Dibromochloromethane
Concen: 2.268 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:129 Resp: 15509

Ion	Ratio	Lower	Upper
129	100		
127	74.7	52.5	97.5



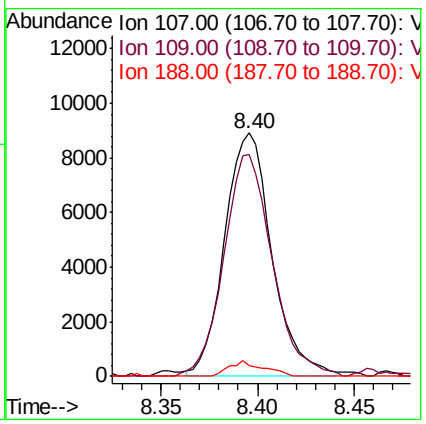


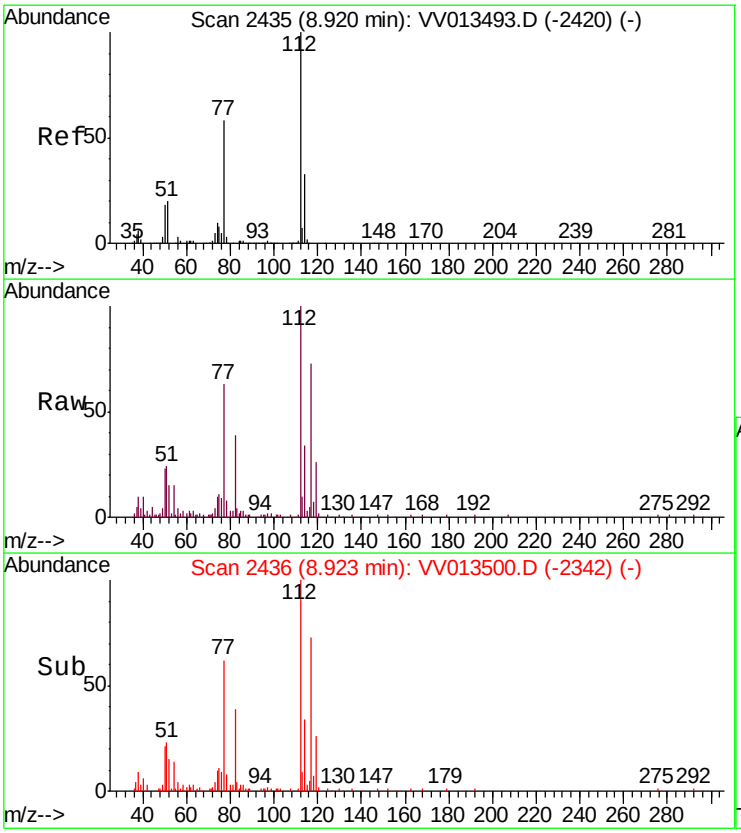
#50
1,2-Dibromoethane
Concen: 2.427 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:107 Resp: 15146

Ion	Ratio	Lower	Upper
107	100		
109	90.9	65.7	122.1
188	4.6	3.5	5.3

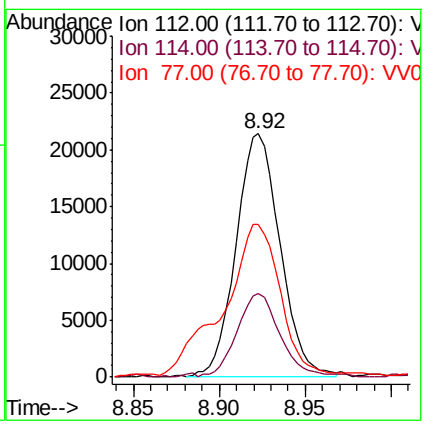


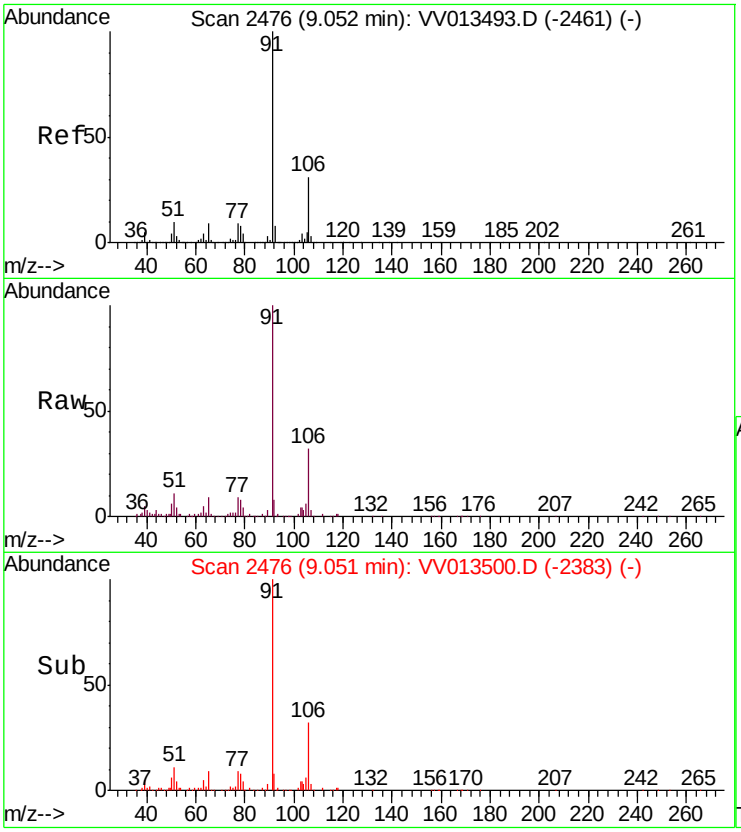


#51
Chlorobenzene
Concen: 2.283 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:112 Resp: 38159

Ion	Ratio	Lower	Upper
112	100		
114	34.4	22.8	42.4
77	62.6	46.7	70.1



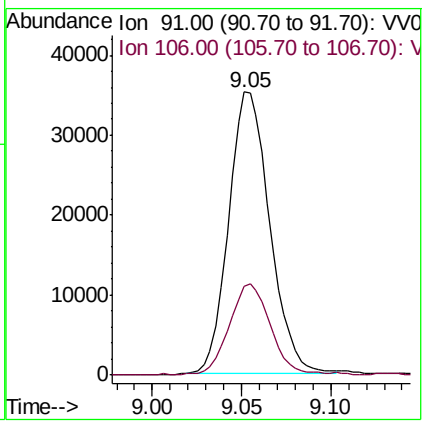


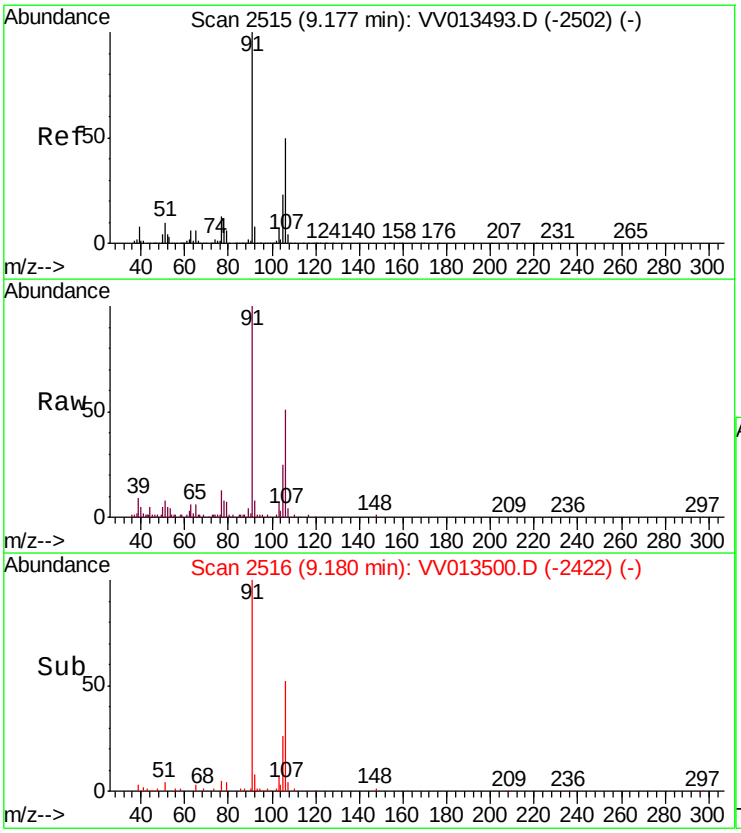
#52
Ethylbenzene
Concen: 2.053 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 91 Resp: 56018

Ion	Ratio	Lower	Upper
91	100		
106	31.6	22.0	40.8

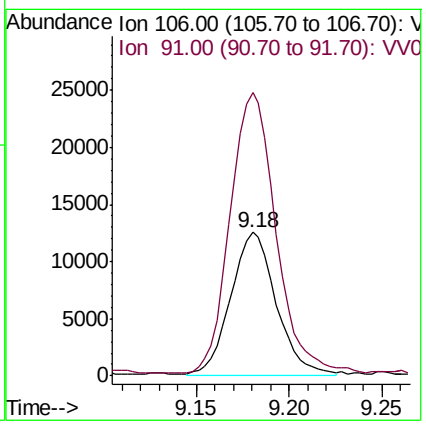


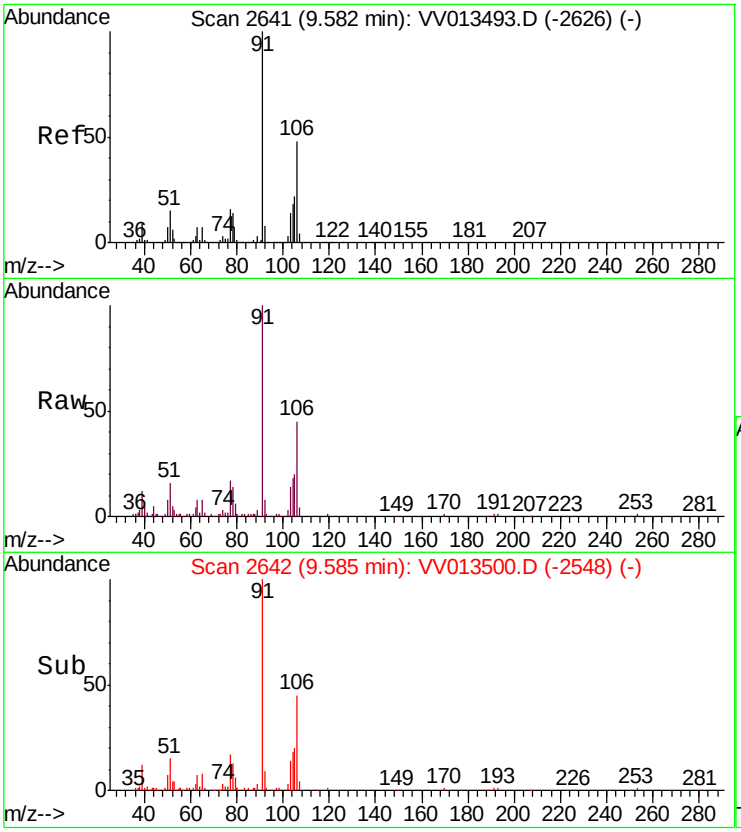


#53
m,p-Xylene
Concen: 2.080 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:106 Resp: 21541

Ion	Ratio	Lower	Upper
106	100		
91	197.5	141.6	263.0



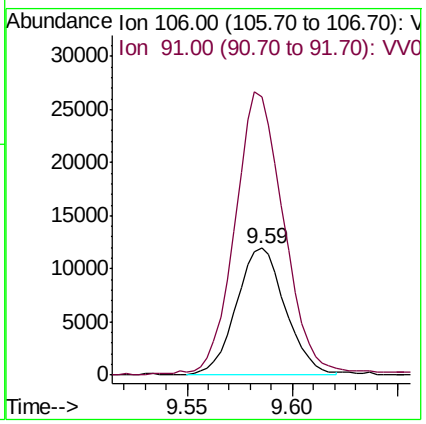


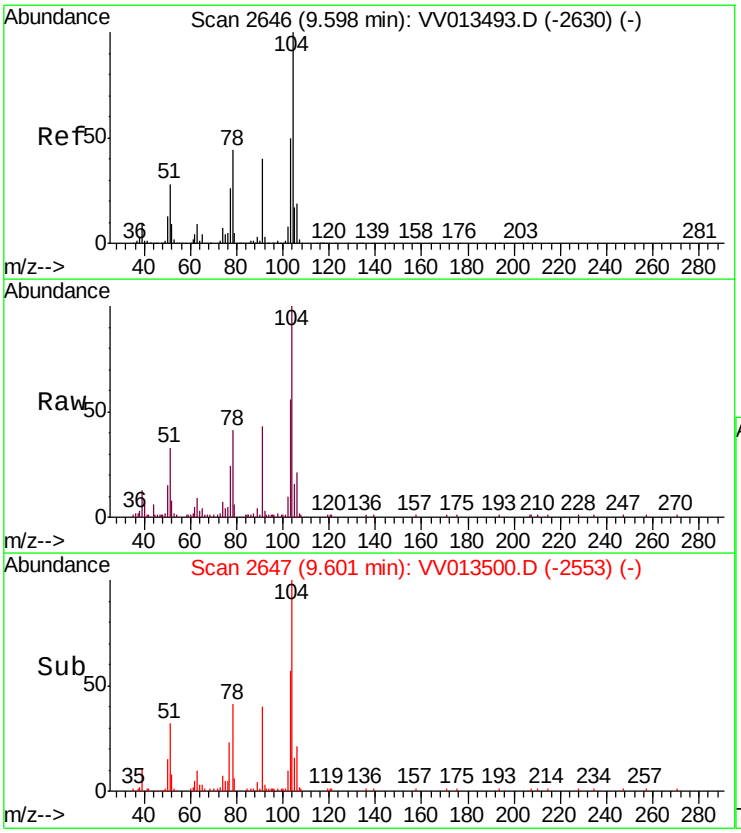
#54
o-xylene
Concen: 1.949 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 19362

Ion	Ratio	Lower	Upper
106	100		
91	220.1	147.2	273.4

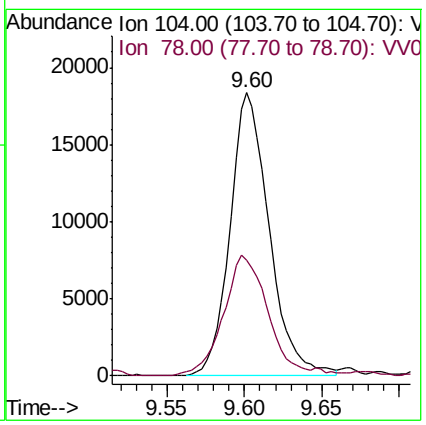


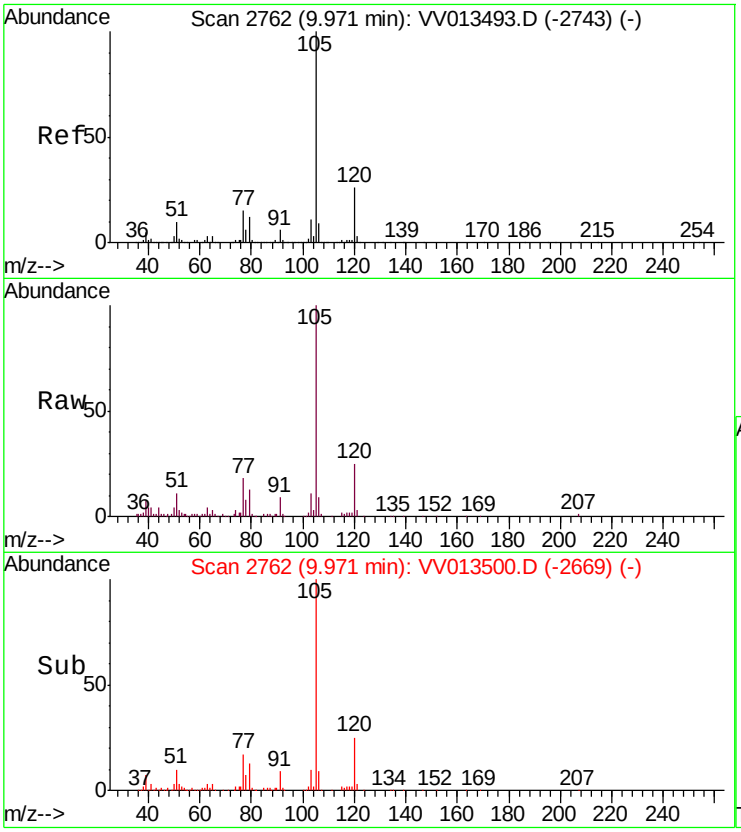


#55
Styrene
Concen: 1.877 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:104 Resp: 32235

Ion	Ratio	Lower	Upper
104	100		
78	41.0	30.9	57.3



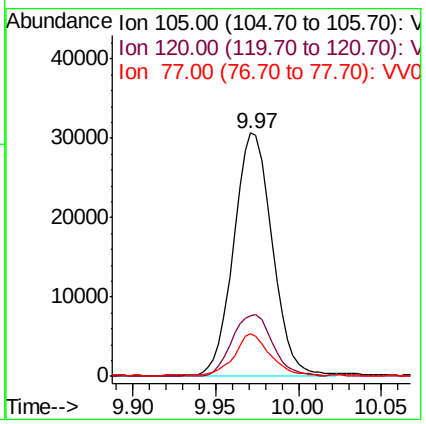


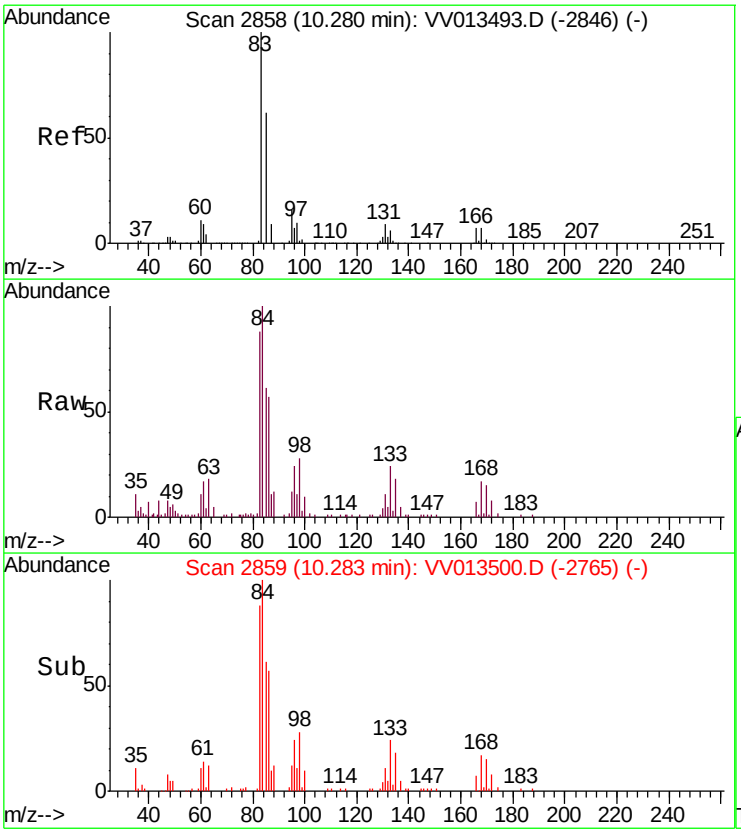
#56
Isopropylbenzene
Concen: 1.914 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument : MSVOA_V
ClientSampleId : MDL03

Tgt Ion:105 Resp: 49917

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.1	31.7
77	16.0	12.2	18.4

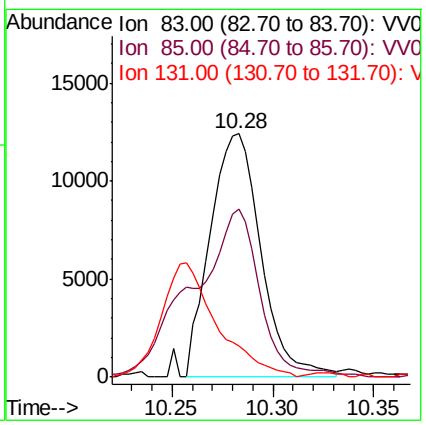


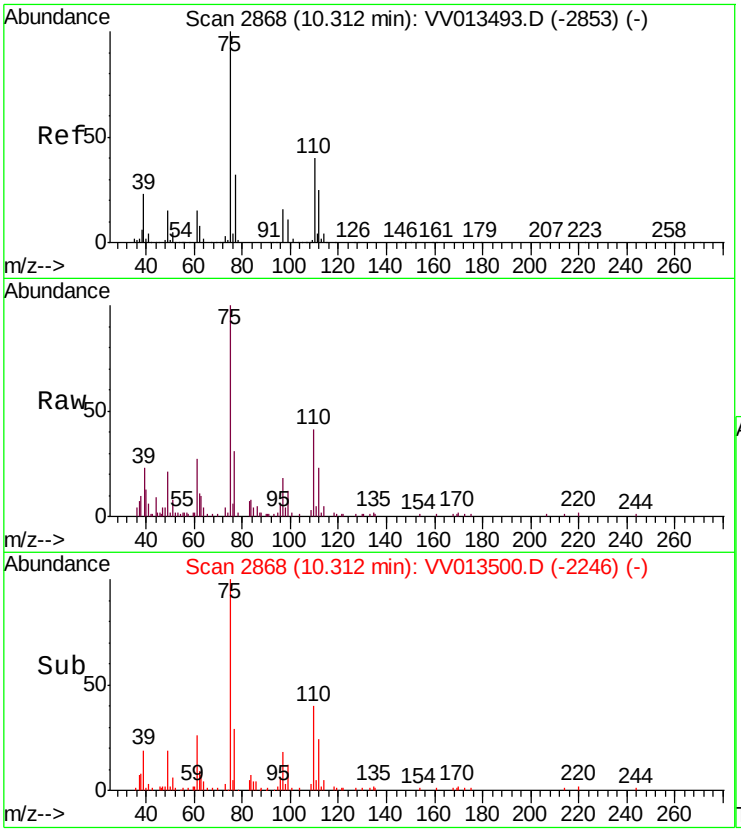


#58
1,1,2,2-Tetrachloroethane
Concen: 2.424 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 83 Resp: 21768

Ion	Ratio	Lower	Upper
83	100		
85	69.0	44.0	81.6
131	13.0	7.7	11.5#



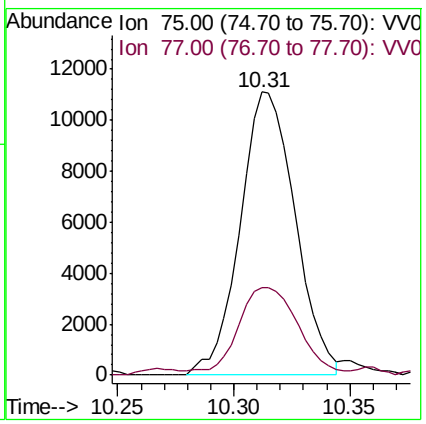


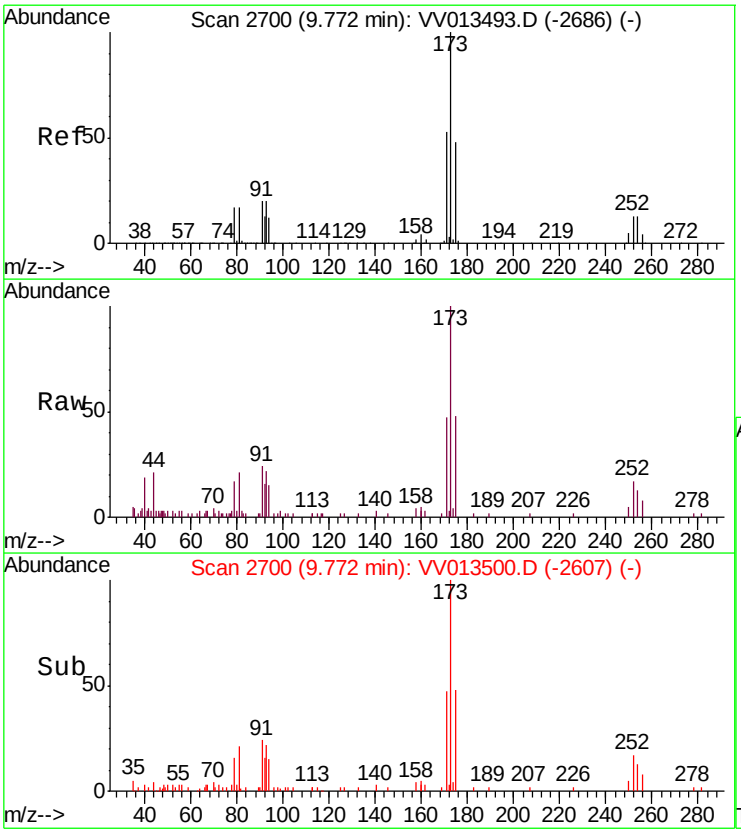
#59
1,2,3-Trichloropropane
Concen: 2.454 ug/L
RT: 10.31 min Scan# 2868
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 75 Resp: 18350

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.4	38.2

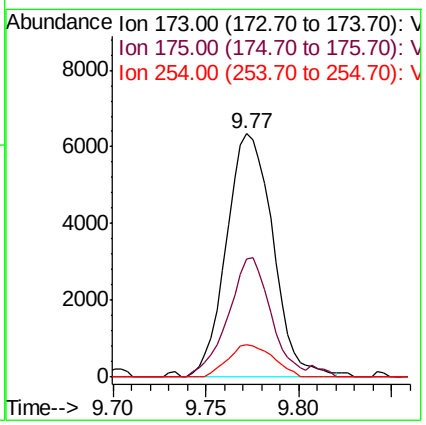


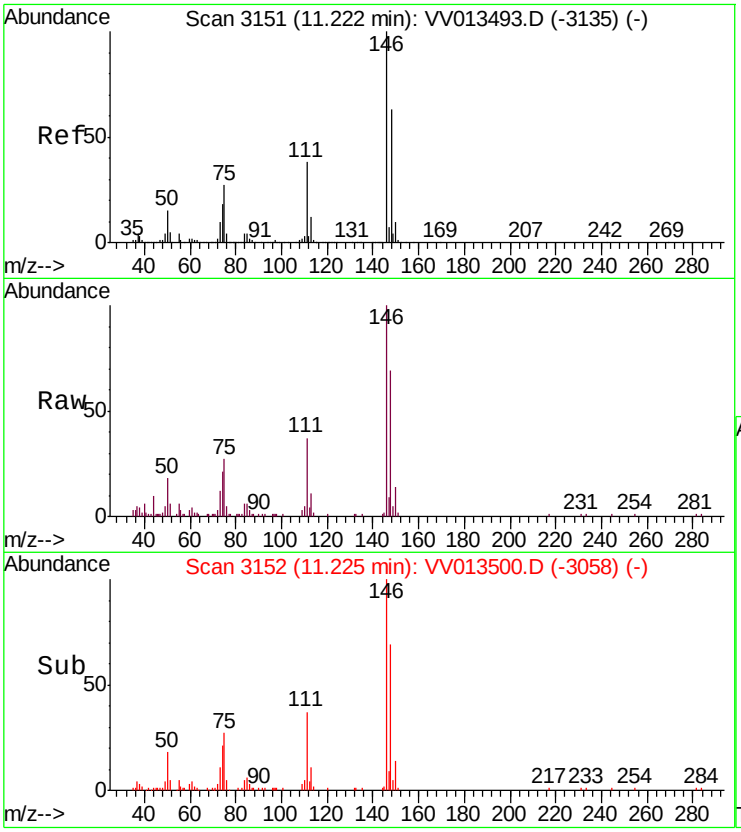


#61
Bromoform
Concen: 2.413 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:173 Resp: 11064

Ion	Ratio	Lower	Upper
173	100		
175	45.1	39.0	58.4
254	12.9	10.2	15.2



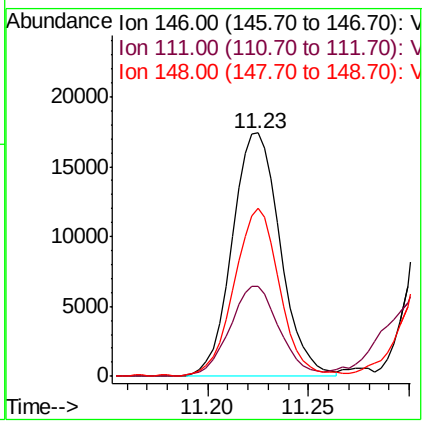


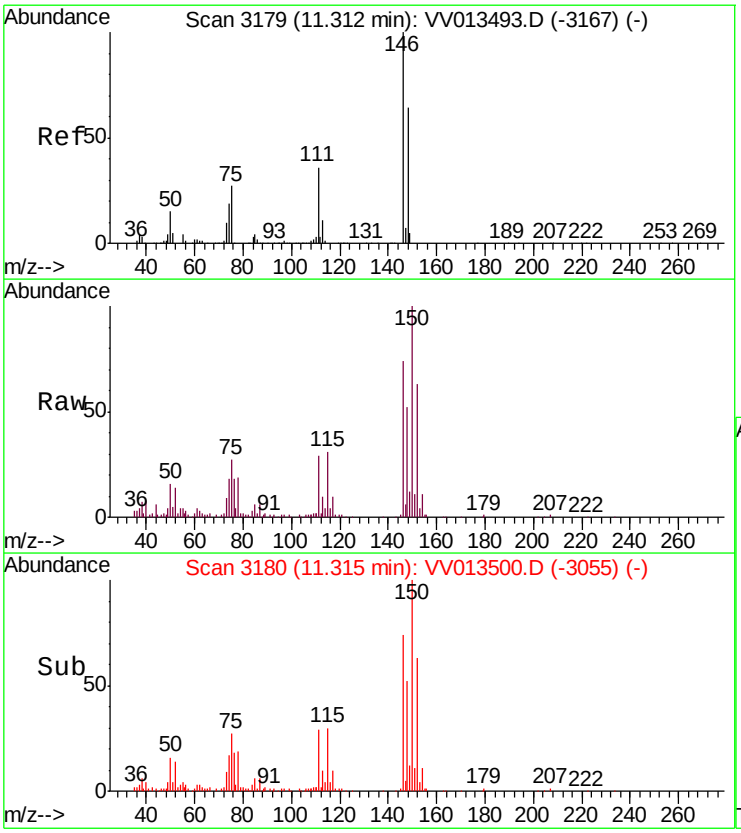
#62
1,3-Dichlorobenzene
Concen: 2.451 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:146 Resp: 29046

Ion	Ratio	Lower	Upper
146	100		
111	37.1	26.4	49.0
148	69.2	44.4	82.4

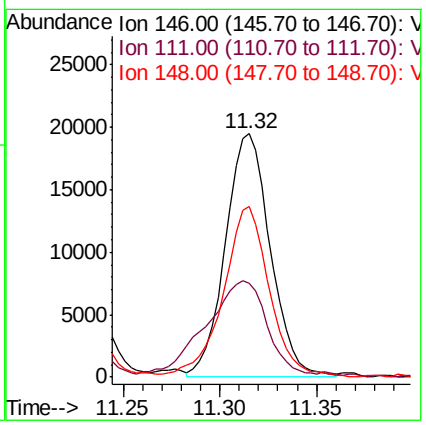


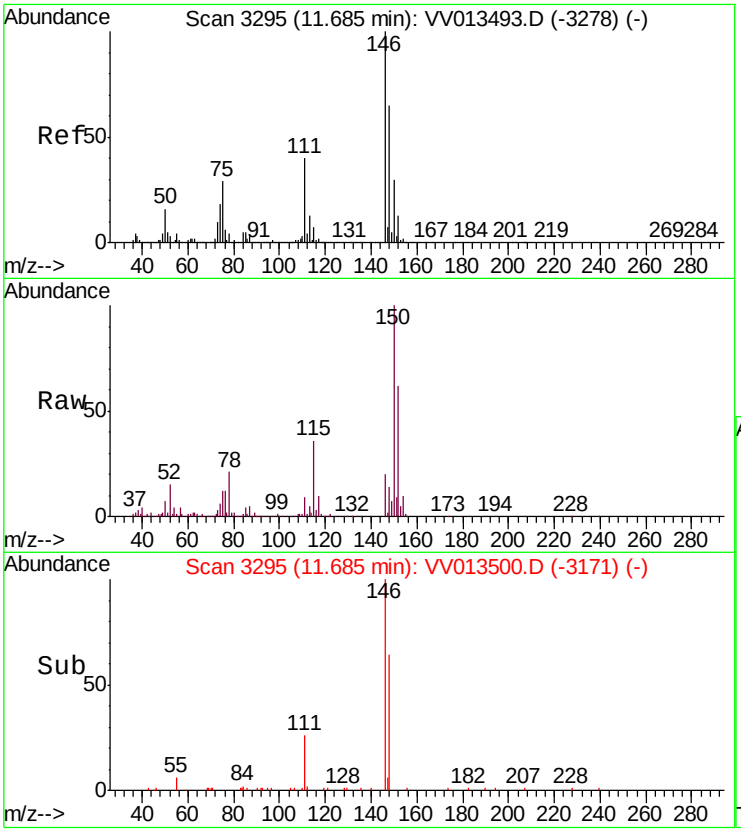


#63
1,4-Dichlorobenzene
Concen: 2.566 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:146 Resp: 31494

Ion	Ratio	Lower	Upper
146	100		
111	38.8	25.5	47.3
148	70.1	44.9	83.5



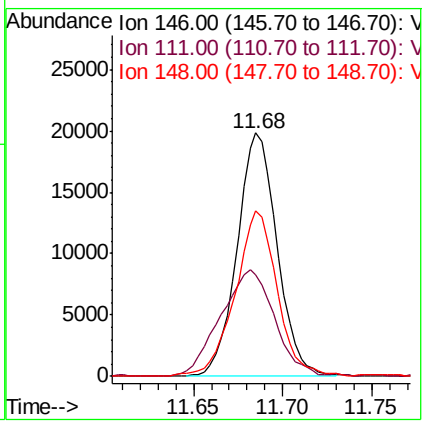


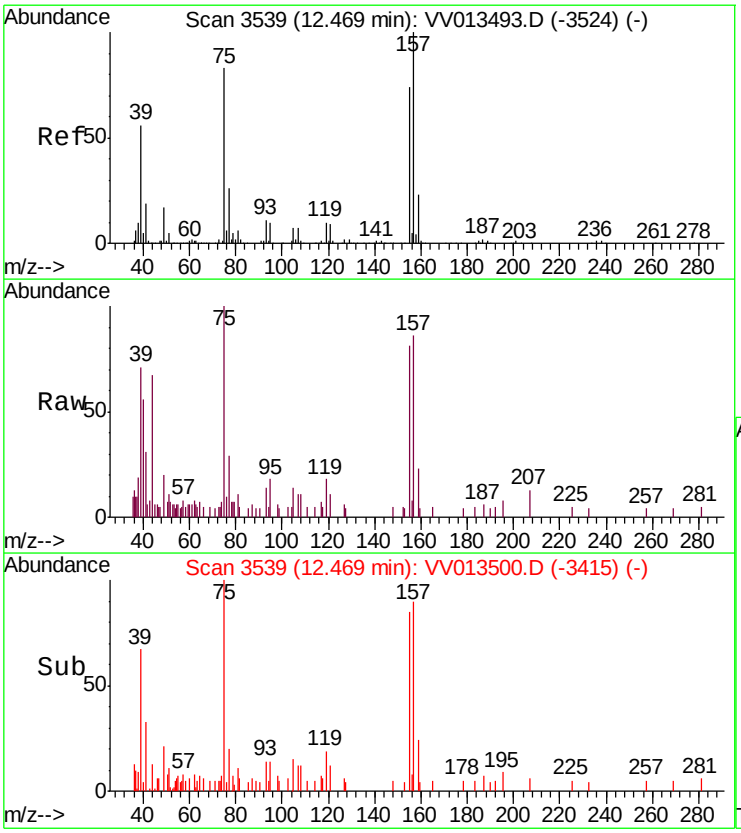
#65
1,2-Dichlorobenzene
Concen: 2.610 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:146 Resp: 30977

Ion	Ratio	Lower	Upper
146	100		
111	41.8	32.1	48.1
148	68.0	52.0	78.0

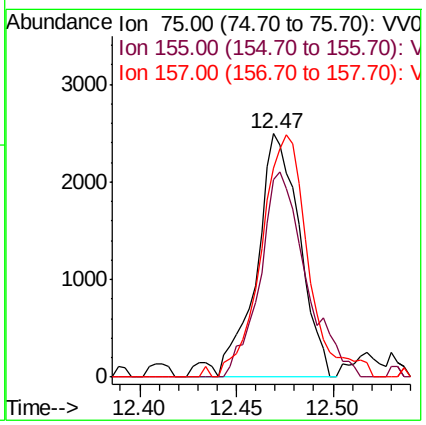


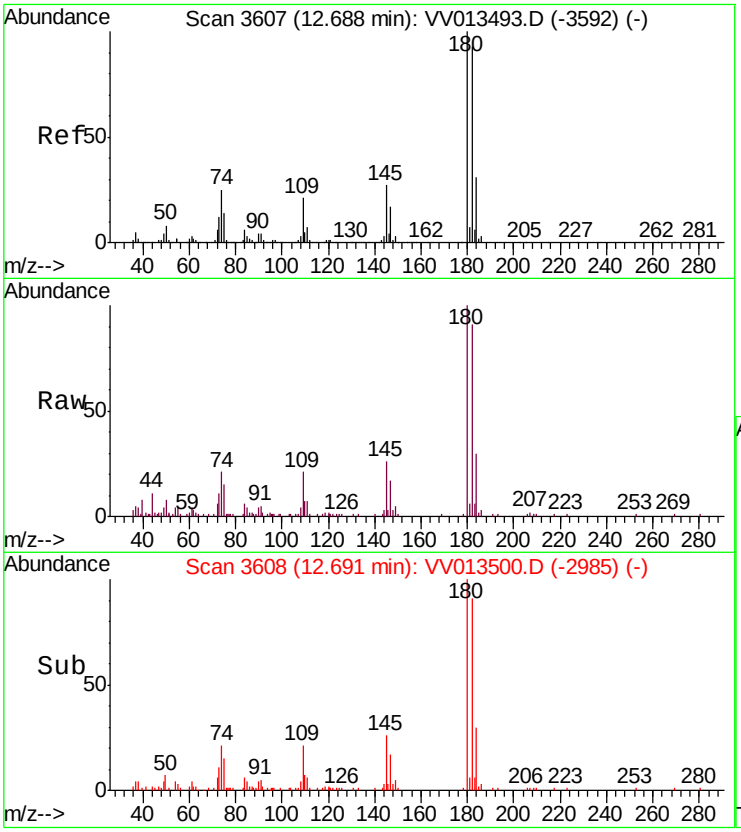


#66
1,2-Dibromo-3-chloropropane
Concen: 2.382 ug/L
RT: 12.47 min Scan# 3539
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 75 Resp: 3900

Ion	Ratio	Lower	Upper
75	100		
155	81.1	71.9	107.9
157	85.7	96.6	145.0#



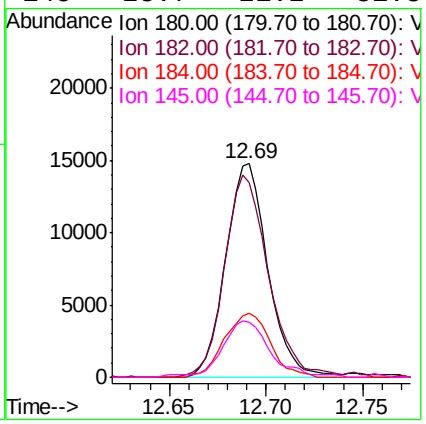


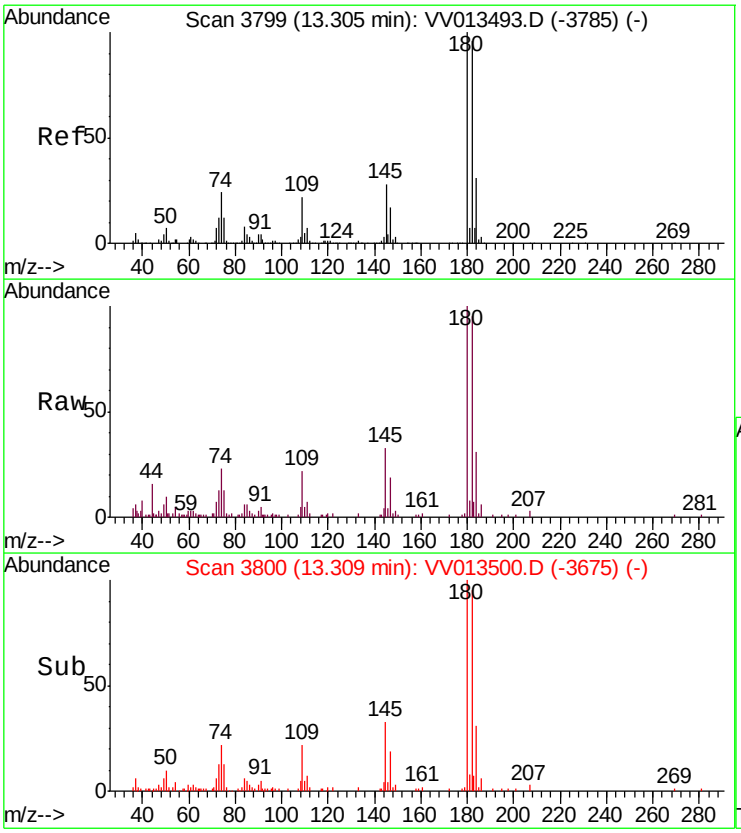
#67
1,3,5-Trichlorobenzene
Concen: 2.416 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:180 Resp: 22371

Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.2	114.2
184	32.9	24.3	36.5
145	28.7	21.2	31.8

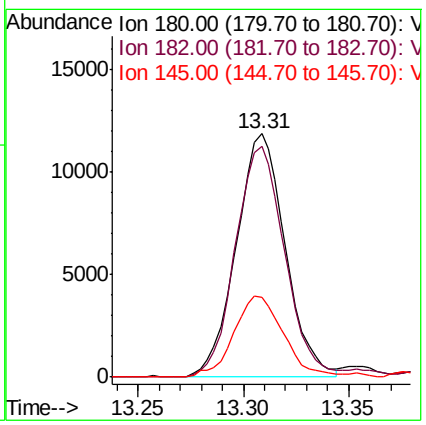


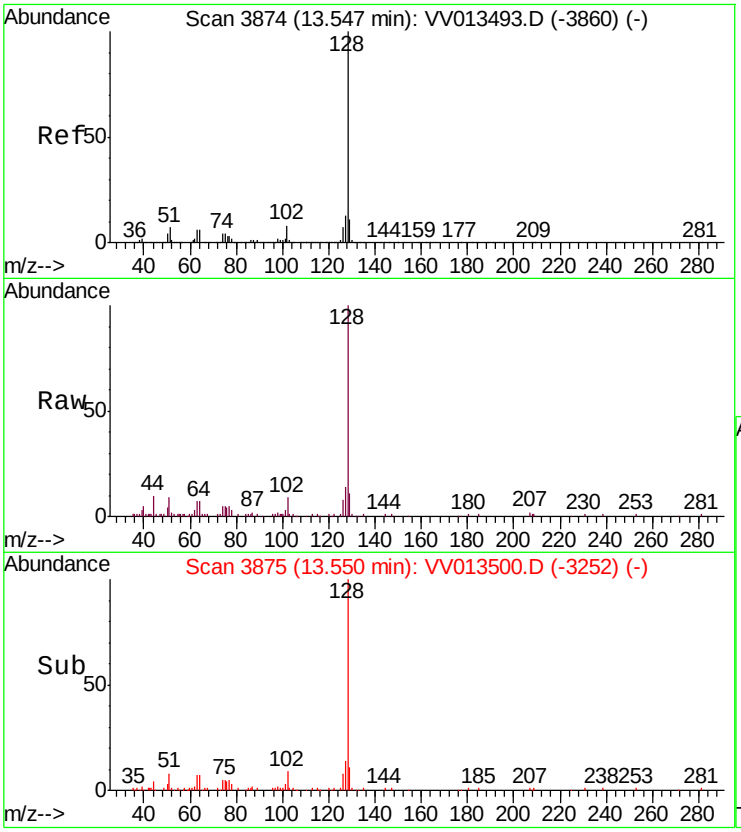


#68
1,2,4-trichlorobenzene
Concen: 2.364 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:180 Resp: 19176

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	33.6	22.4	33.6#



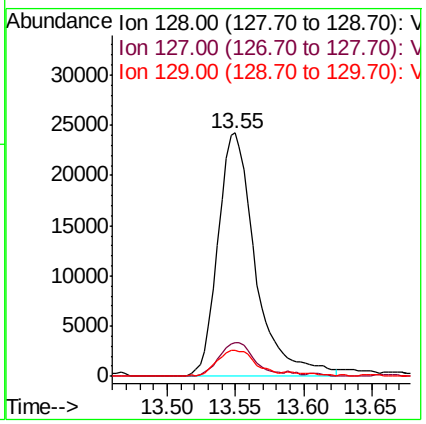


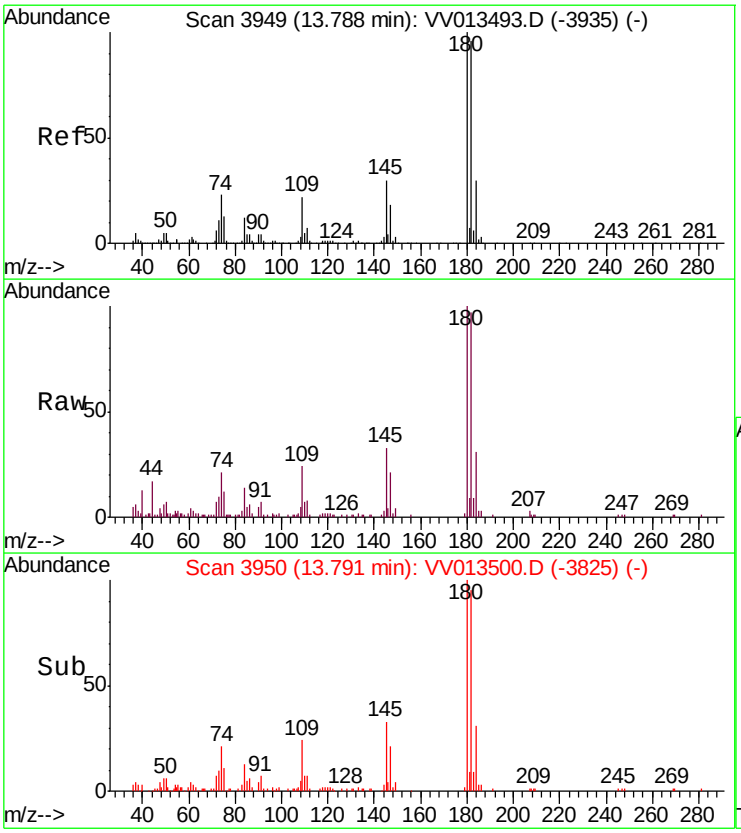
#69
Naphthalene
Concen: 2.146 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:128 Resp: 46526

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.8	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 2.307 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion:180 Resp: 19872

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.0
145	30.9	24.0	36.0