Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013251.D
Acq On : 21 Oct 2019 18:09
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Quant Time: Oct 22 02:31:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 02:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	452397	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	486436	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	267669	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	16561	0.49	ug/L		0.00
7) Chloroethane-d5	1.58	69	13726	0.50	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	28297	0.47	ug/L		0.00
20) 2-Butanone-d5	4.01	46	14884	2.53	ug/L		0.01
24) Chloroform-d	4.40	84	37248	0.48	ug/L		0.01
26) 1,2-Dichloroethane-d4	5.08	65	17927	0.50	ug/L		0.00
32) Benzene-d6	5.10	84	69623	0.44	ug/L		0.01
36) 1,2-Dichloropropane-d6	6.12	67	20530	0.43	ug/L		0.00
41) Toluene-d8	7.36	98	60120	0.41	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.67	79	8612	0.49	ug/L		0.00
46) 2-Hexanone-d5	8.14	63	23184	3.72	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	15948	0.47	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	29660	0.59	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	24324	0.492	ug/L		98
3) Chloromethane	1.25	50	22863	0.537	ug/L		98
5) Vinyl chloride	1.32	62	22011	0.510	ug/L		97
6) Bromomethane	1.53	94	13056	0.545	ug/L		100
8) Chloroethane	1.60	64	13853	0.546	ug/L		98
9) Trichlorofluoromethane	1.77	101	32843	0.534	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	19426	0.532	ug/L		97
12) 1,1-Dichloroethene	2.14	96	18355	0.524	ug/L		92
13) Acetone	2.24	43	8153	2.528	ug/L		76
14) Carbon disulfide	2.31	76	54766	0.554	ug/L		96
15) Methyl Acetate	2.48	43	8179	0.777	ug/L		95
16) Methylene chloride	2.53	84	33037	0.445	ug/L		92
17) Methyl tert-butyl Ether	2.81	73	47097	0.590	ug/L	#	92
18) trans-1,2-Dichloroethene	2.79	96	25044	0.623	ug/L		95
19) 1,1-Dichloroethane	3.23	63	39676	0.591	ug/L		100
21) 2-Butanone	4.08	43	19711	2.836	ug/L	#	62
22) cis-1,2-Dichloroethene	3.96	96	22994	0.525	ug/L	#	91
23) Bromochloromethane	4.30	128	11487	0.556	ug/L		91
25) Chloroform	4.43	83	51308	0.596	ug/L		96
27) 1,2-Dichloroethane	5.18	62	23926	0.523	ug/L		96
29) 1,1,1-Trichloroethane	4.66	97	34600	0.487	ug/L		95
30) Cyclohexane	4.72	56	32447	0.446	ug/L		95
31) Carbon tetrachloride	4.87	117	30998	0.487	ug/L		98
33) Benzene	5.15	78	84075	0.459	ug/L		100
34) Trichloroethene	5.96	95	25201	0.519	ug/L		97
35) Methylcyclohexane	6.17	83	32685	0.437	ug/L		97
37) 1,2-Dichloropropane	6.22	63	20707	0.469	ug/L	#	93
38) Bromodichloromethane	6.56	83	29544	0.517	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	30244	0.492	ug/L		93
40) 4-Methyl-2-pentanone	7.28	43	108918	4.936	ug/L		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013251.D
Acq On : 21 Oct 2019 18:09
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Quant Time: Oct 22 02:31:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 02:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.43	91	85190	0.447	ug/L		94
44) trans-1,3-Dichloropropene	7.69	75	22280	0.472	ug/L		99
45) 1,1,2-Trichloroethane	7.88	97	15363	0.497	ug/L		92
47) Tetrachloroethene	8.02	164	22175	0.501	ug/L		95
48) 2-Hexanone	8.19	43	75236	4.813	ug/L		89
49) Dibromochloromethane	8.29	129	20336	0.530	ug/L		97
50) 1,2-Dibromoethane	8.40	107	15530	0.539	ug/L	#	95
51) Chlorobenzene	8.92	112	60969	0.490	ug/L		97
52) Ethylbenzene	9.05	91	86478	0.435	ug/L		97
53) m,p-xylene	9.18	106	30030	0.390	ug/L		92
54) o-xylene	9.59	106	29788	0.413	ug/L		98
55) Styrene	9.60	104	48477	0.395	ug/L		98
56) Isopropylbenzene	9.97	105	75330	0.393	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	18766	0.539	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	13863	0.530	ug/L		94
61) Bromoform	9.77	173	11115	0.560	ug/L		98
62) 1,3-Dichlorobenzene	11.22	146	48297	0.530	ug/L		96
63) 1,4-Dichlorobenzene	11.31	146	50398	0.550	ug/L		95
65) 1,2-Dichlorobenzene	11.69	146	45483	0.541	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3064	0.649	ug/L		94
67) 1,3,5-Trichlorobenzene	12.69	180	38831	0.584	ug/L		97
68) 1,2,4-trichlorobenzene	13.31	180	34337	0.601	ug/L		97
69) Naphthalene	13.55	128	42568	0.545	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	30324	0.565	ug/L		96

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

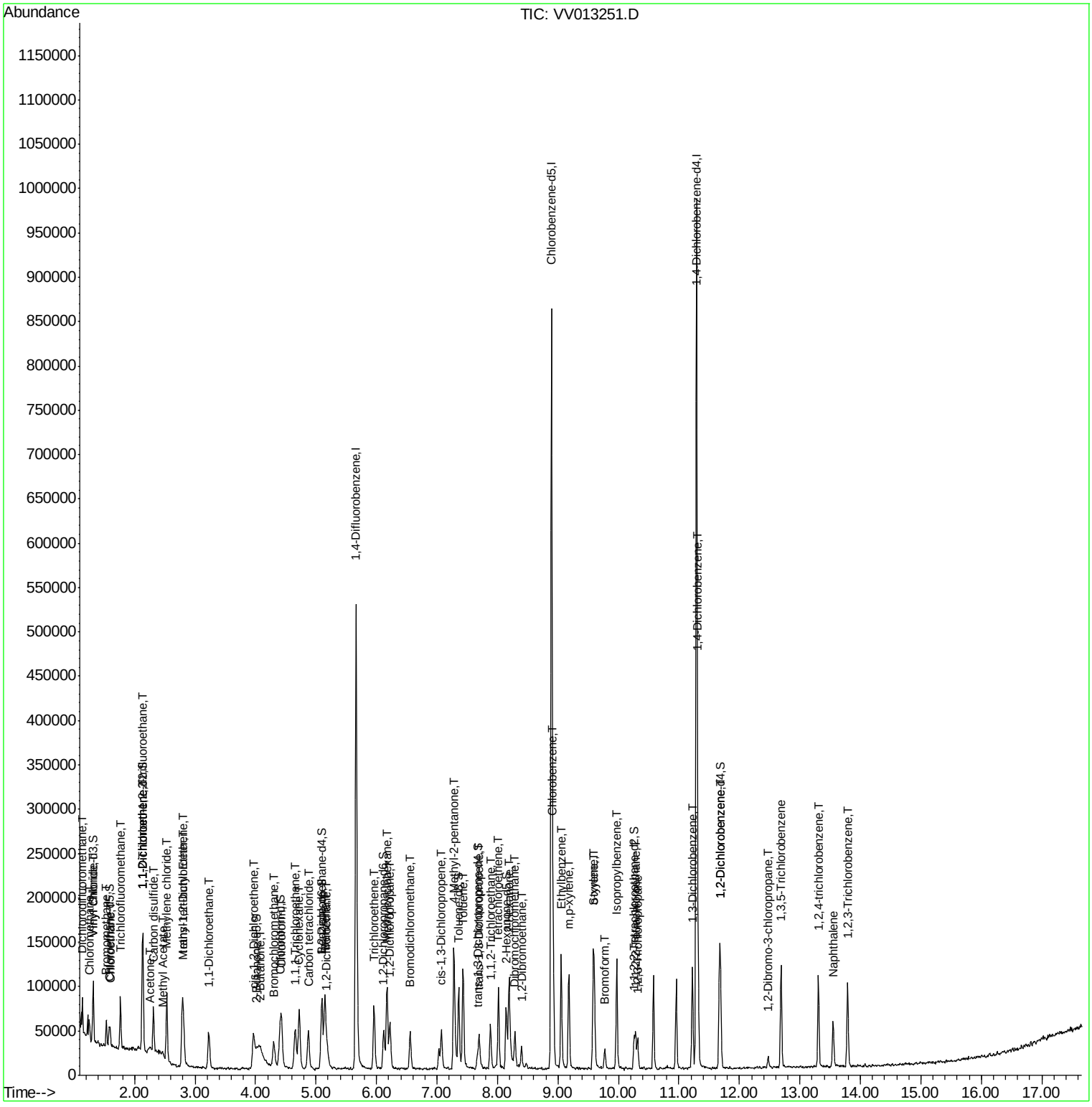
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

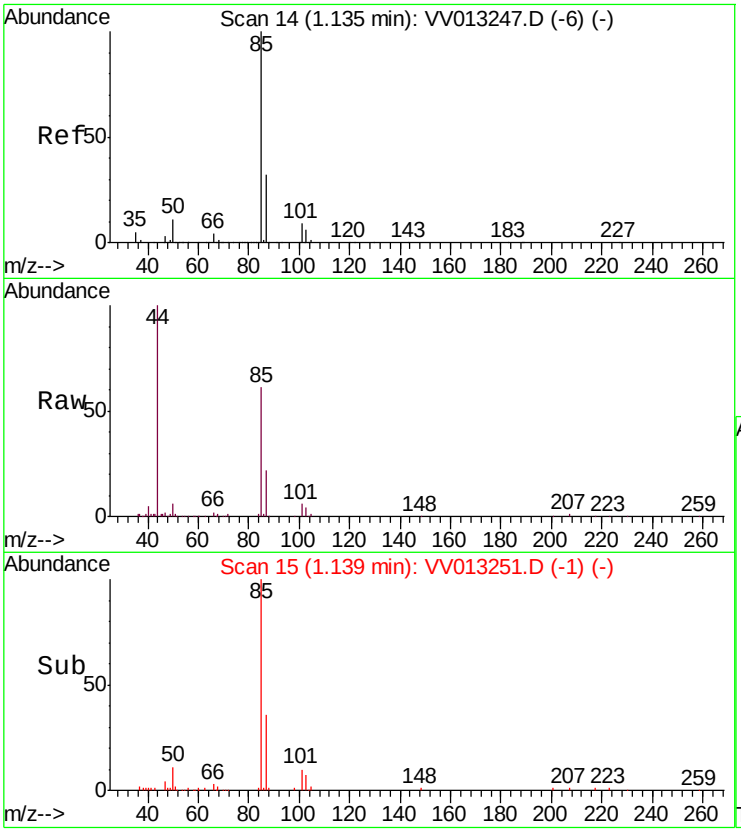
Quantitation Report (Not Reviewed)

Data File : VV013251.D
Acq On : 21 Oct 2019 18:09
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Quant Time: Oct 22 02:31:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 02:16:56 2019
Response via : Initial Calibration



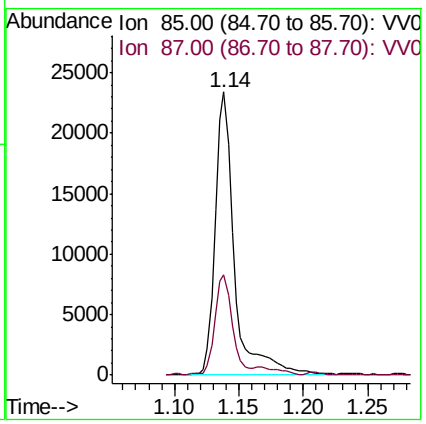


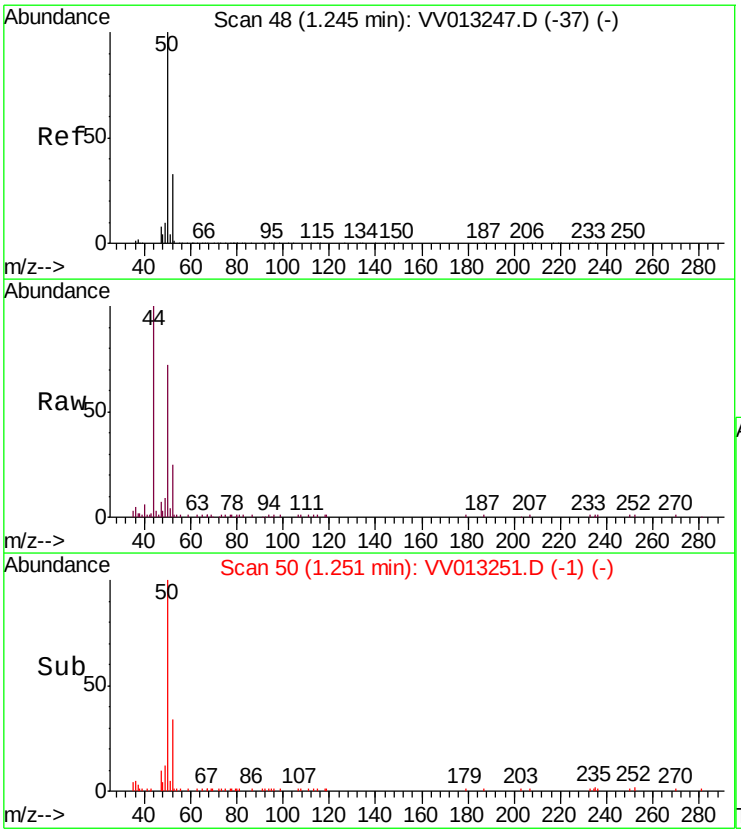
#2
Dichlorodifluoromethane
Concen: 0.492 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 85 Resp: 24324

Ion	Ratio	Lower	Upper
85	100		
87	32.6	25.4	38.2

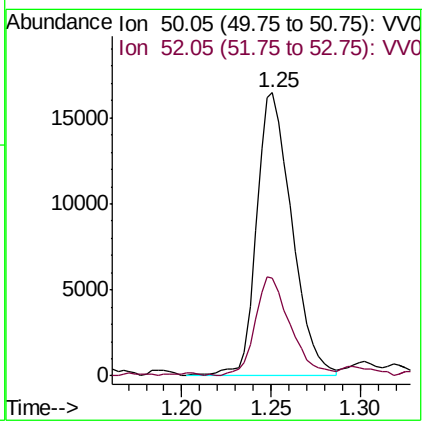


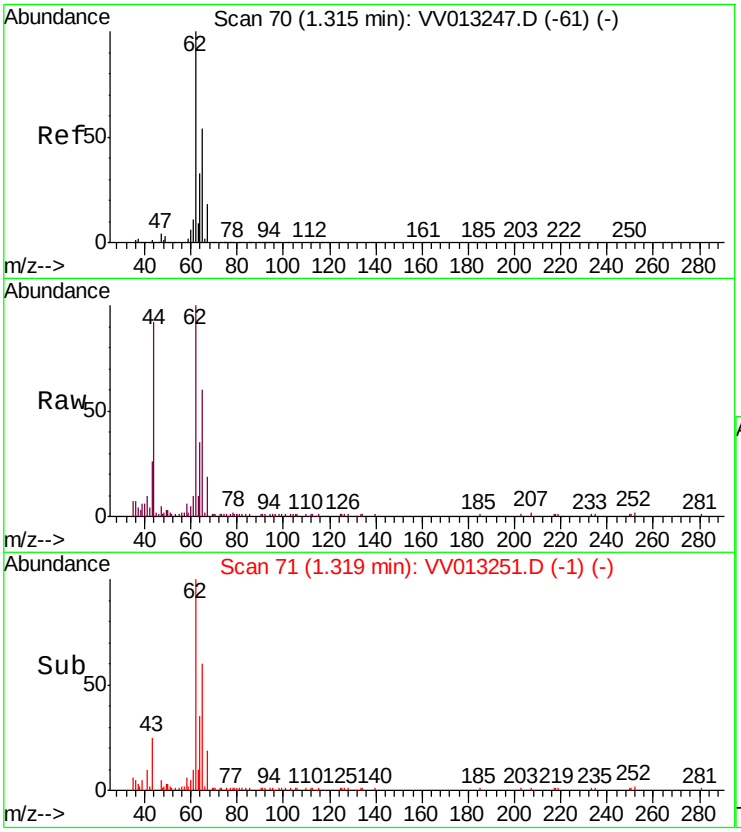


#3
Chloromethane
Concen: 0.537 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 50 Resp: 22863

Ion	Ratio	Lower	Upper
50	100		
52	34.4	23.3	43.3



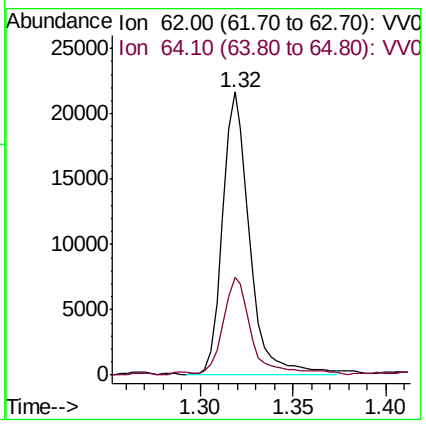


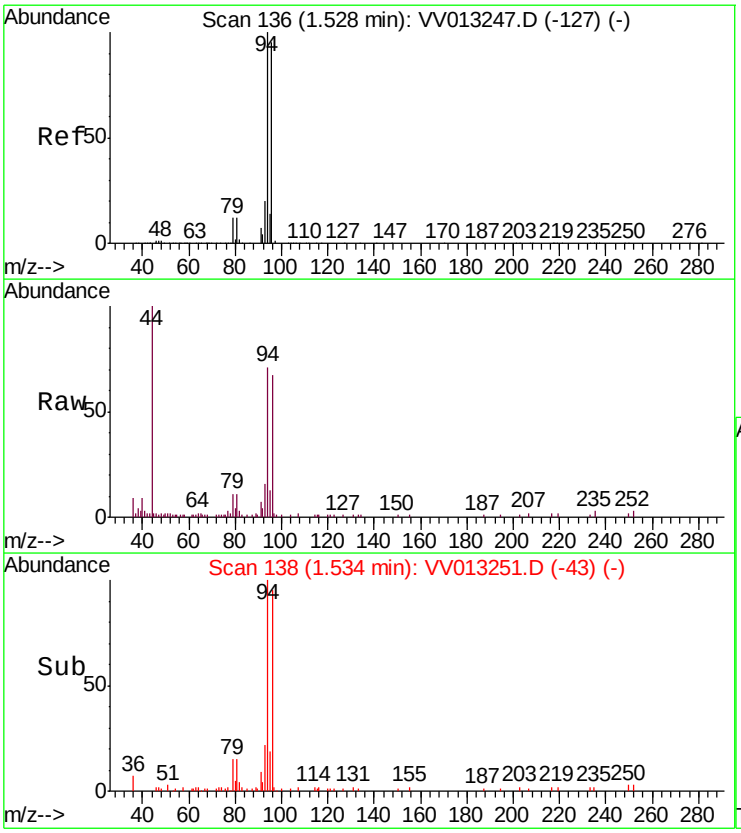
#5
Vinyl chloride
Concen: 0.510 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 62 Resp: 22011

Ion	Ratio	Lower	Upper
62	100		
64	34.5	22.9	42.5

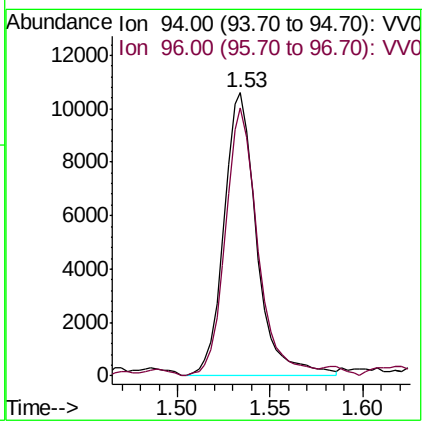


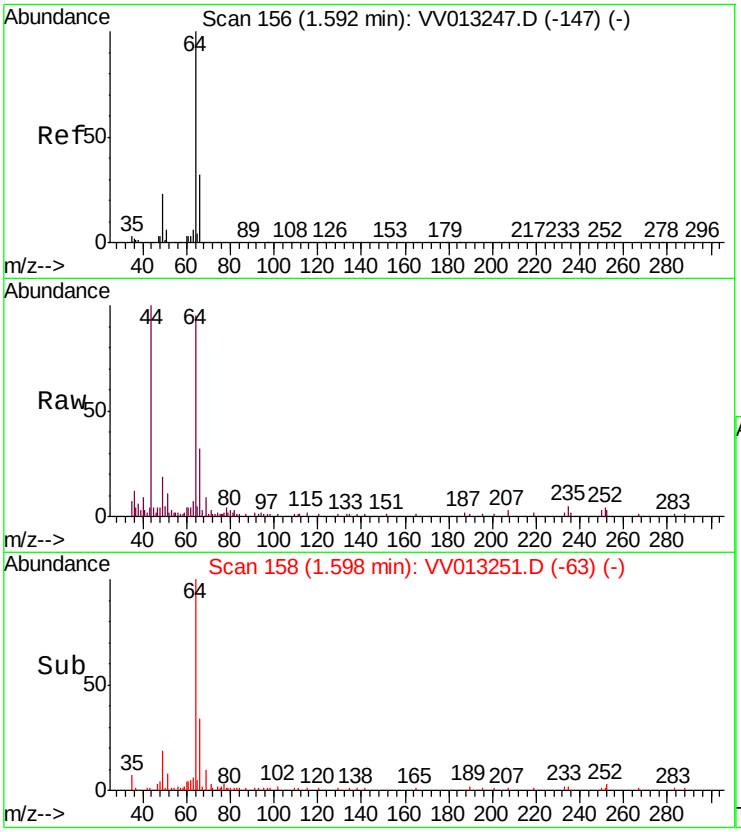


#6
Bromomethane
Concen: 0.545 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 94 Resp: 13056

Ion	Ratio	Lower	Upper
94	100		
96	94.5	66.2	123.0



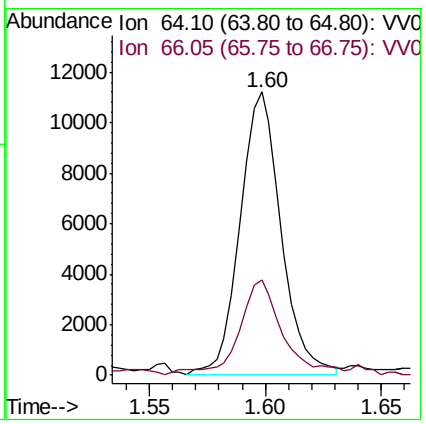


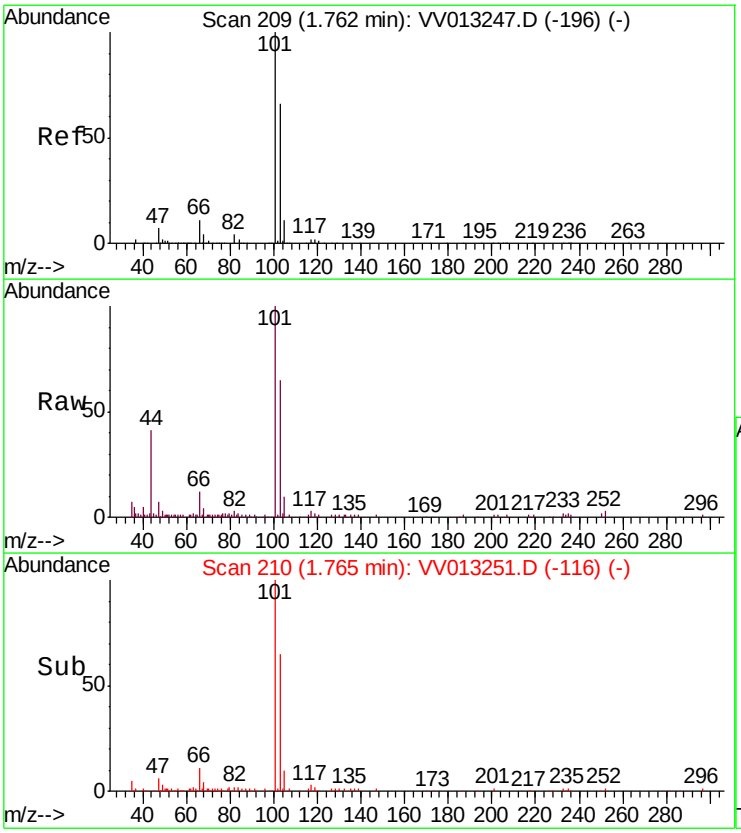
#8
Chloroethane
Concen: 0.546 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 64 Resp: 13853

Ion	Ratio	Lower	Upper
64	100		
66	33.8	22.7	42.3

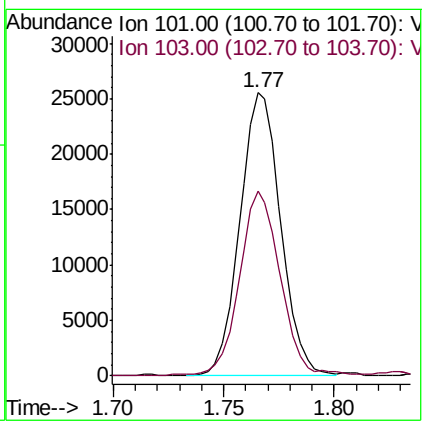


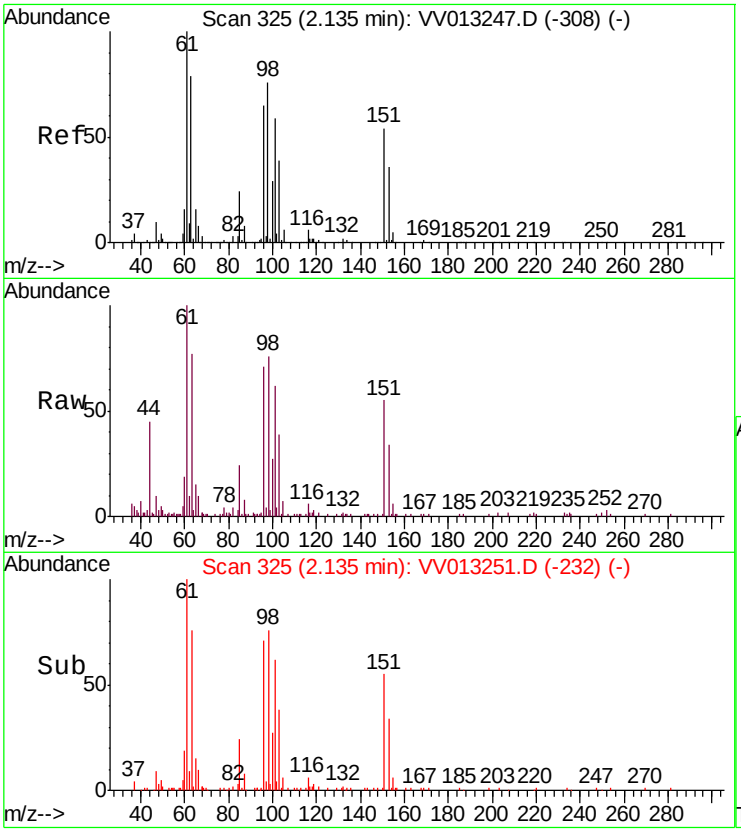


#9
Trichlorofluoromethane
Concen: 0.534 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:101 Resp: 32843

Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.8	79.2



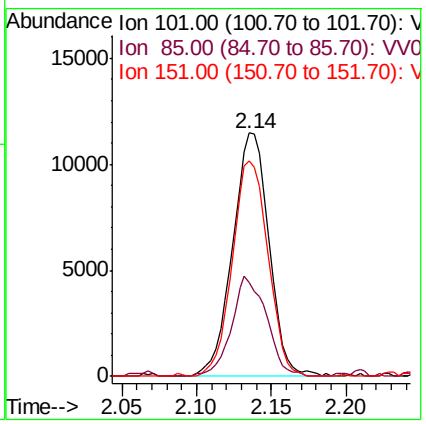


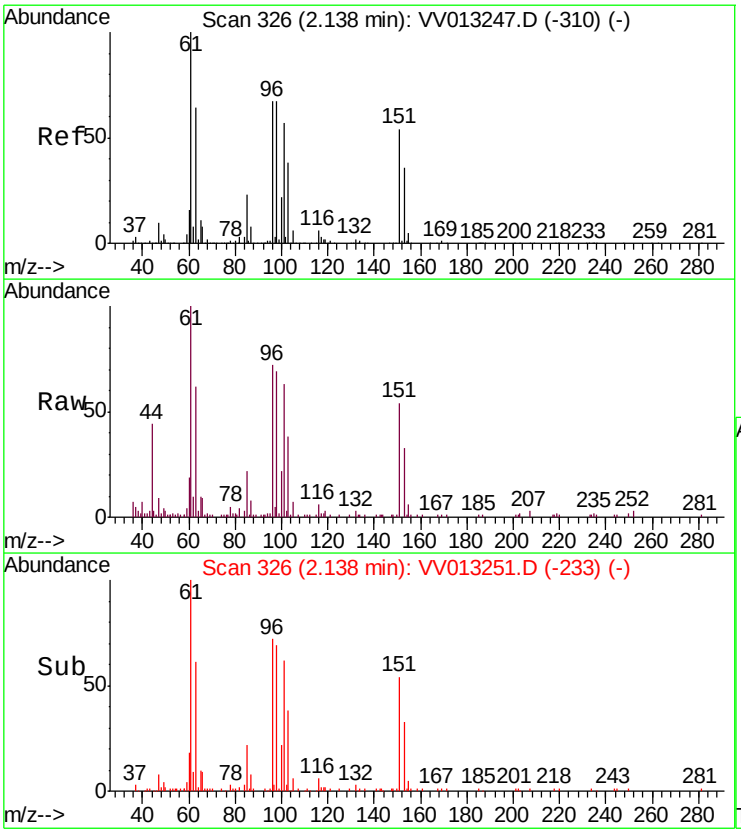
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.532 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:101 Resp: 19426

Ion	Ratio	Lower	Upper
101	100		
85	39.6	31.8	47.8
151	87.1	72.9	109.3

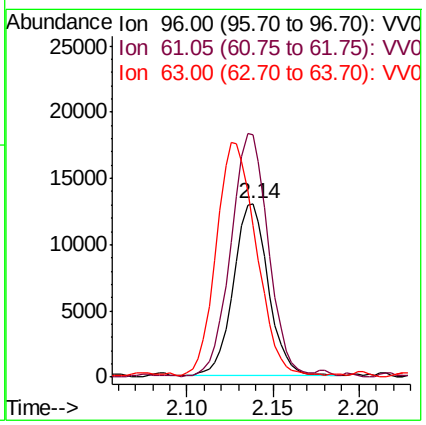


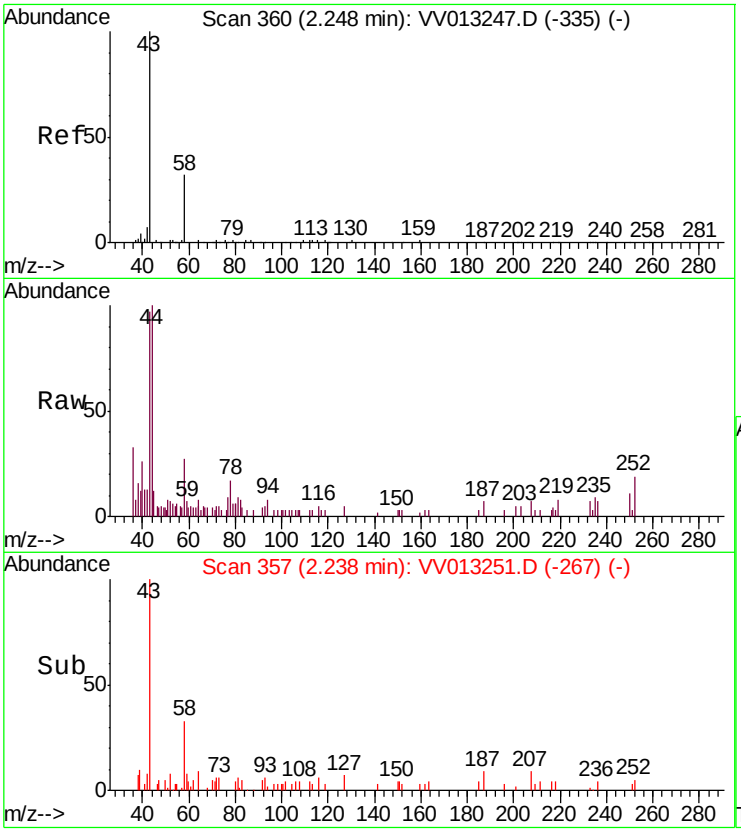


#12
1,1-Dichloroethene
Concen: 0.524 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 96 Resp: 18355

Ion	Ratio	Lower	Upper
96	100		
61	139.6	104.0	193.1
63	87.2	67.1	124.5



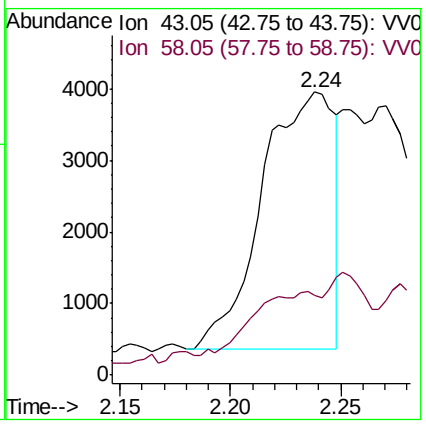


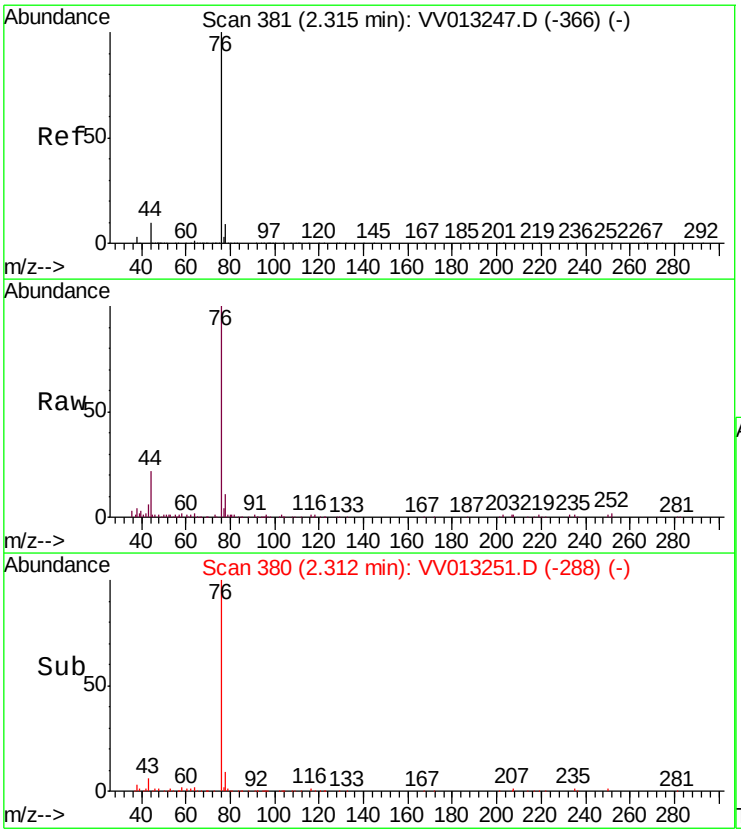
#13
Acetone
Concen: 2.528 ug/L
RT: 2.24 min Scan# 357
Delta R.T. -0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 43 Resp: 8153

Ion	Ratio	Lower	Upper
43	100		
58	22.6	0.0	26.2

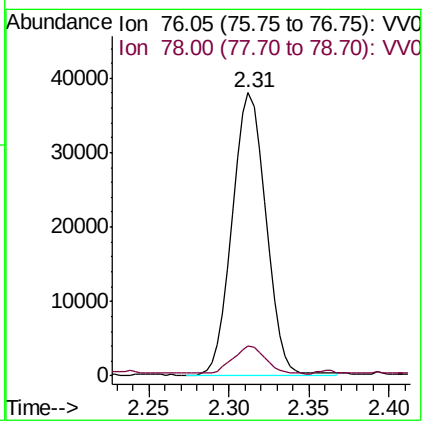


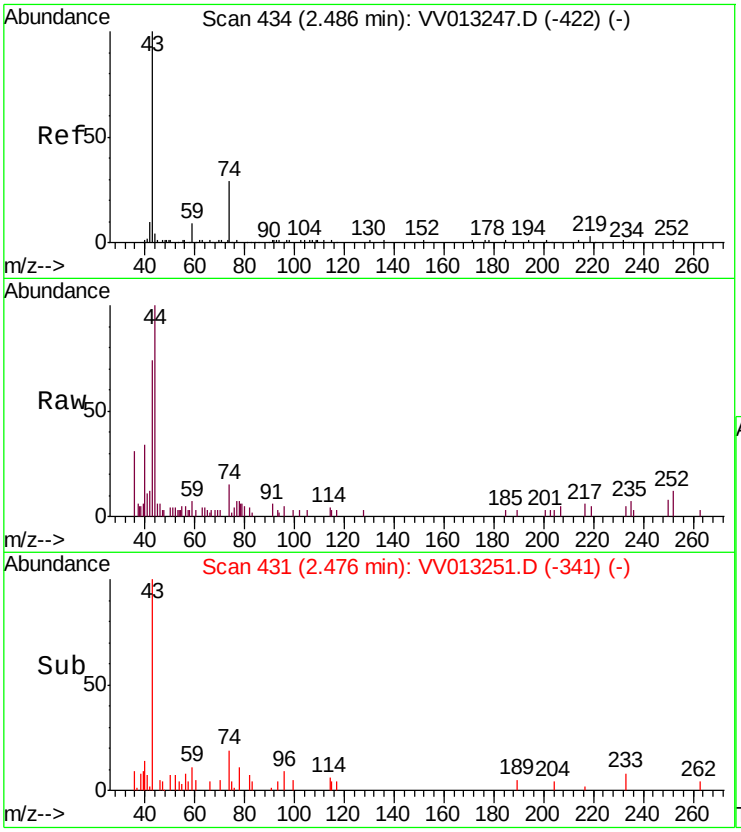


#14
Carbon disulfide
Concen: 0.554 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 76 Resp: 54766

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.3	10.9



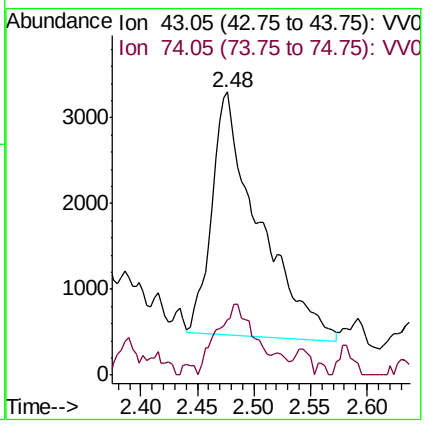


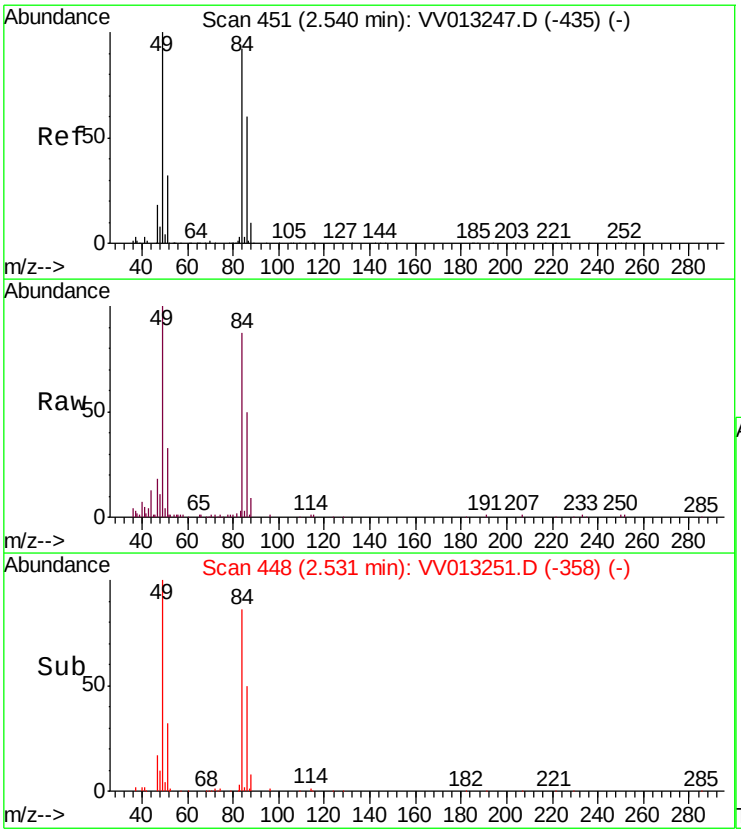
#15
Methyl Acetate
Concen: 0.777 ug/L
RT: 2.48 min Scan# 431
Delta R.T. -0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 43 Resp: 8179

Ion	Ratio	Lower	Upper
43	100		
74	23.2	20.4	30.6

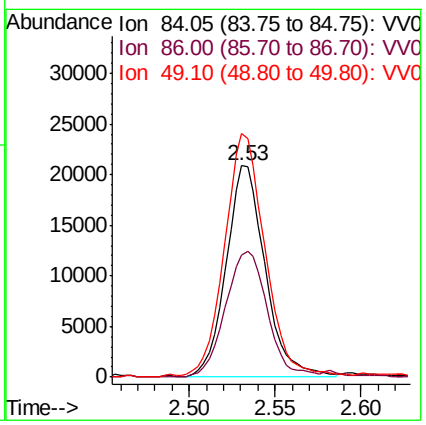


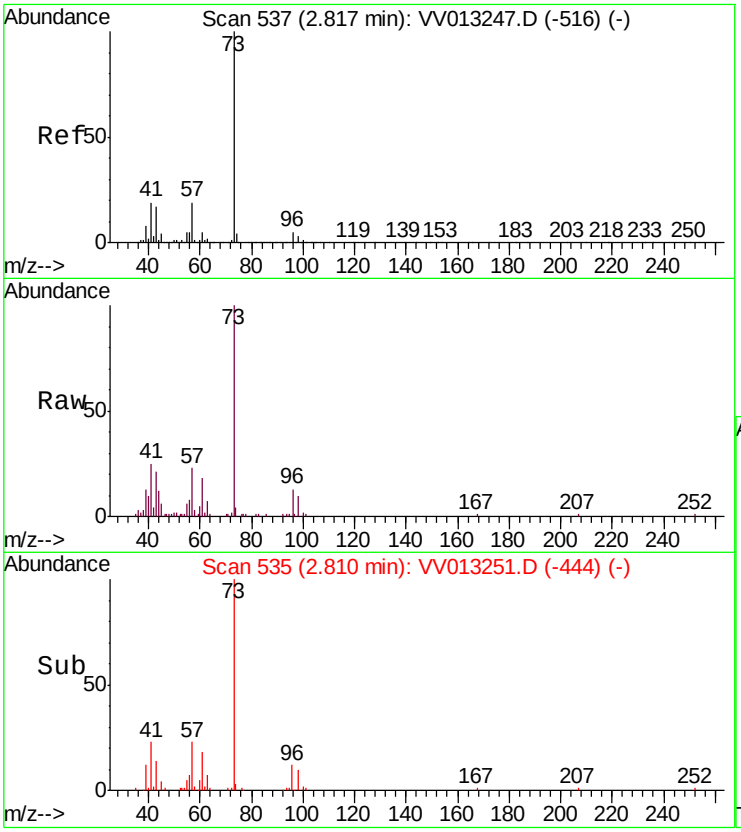


#16
Methylene chloride
Concen: 0.445 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 84 Resp: 33037

Ion	Ratio	Lower	Upper
84	100		
86	57.5	46.2	85.8
49	115.3	76.4	141.8



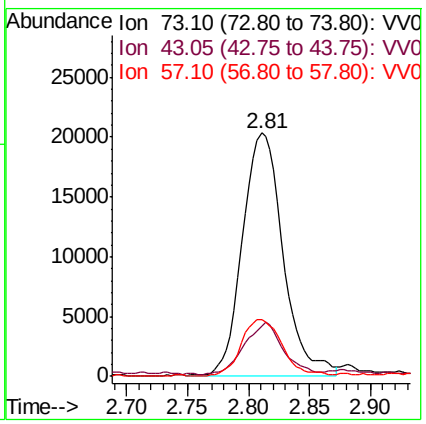


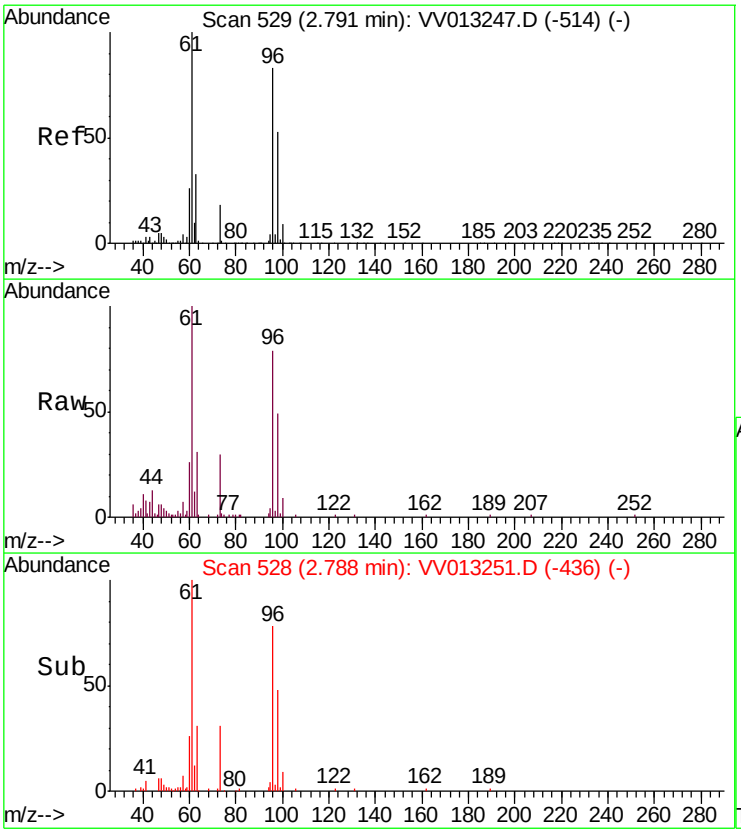
#17
Methyl tert-butyl Ether
Concen: 0.590 ug/L
RT: 2.81 min Scan# 535
Delta R.T. -0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 73 Resp: 47097

Ion	Ratio	Lower	Upper
73	100		
43	20.1	13.1	19.7#
57	23.7	16.4	24.6

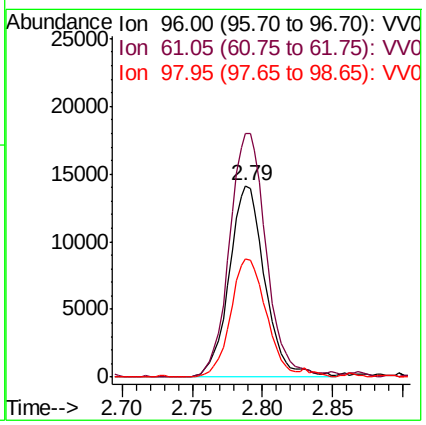


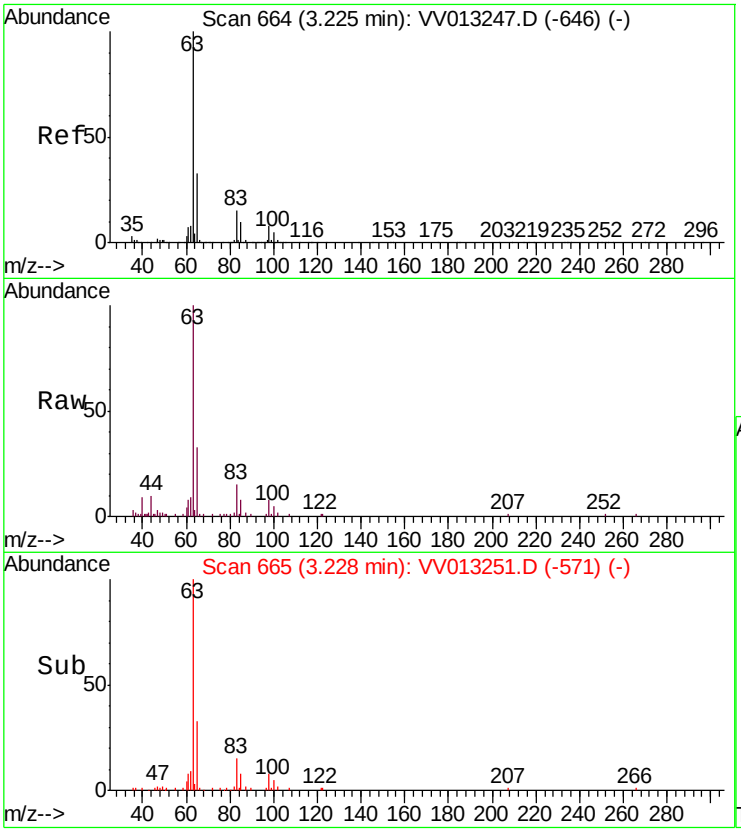


#18
trans-1,2-Dichloroethene
Concen: 0.623 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 96 Resp: 25044

Ion	Ratio	Lower	Upper
96	100		
61	127.3	84.4	156.8
98	62.0	44.4	82.4



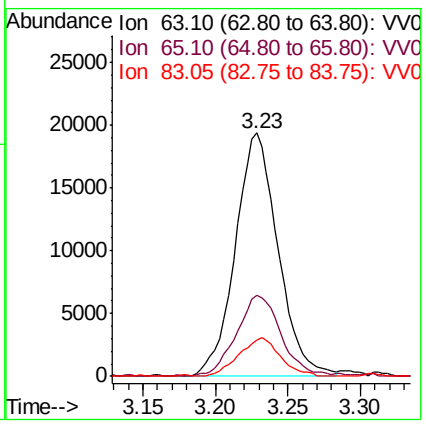


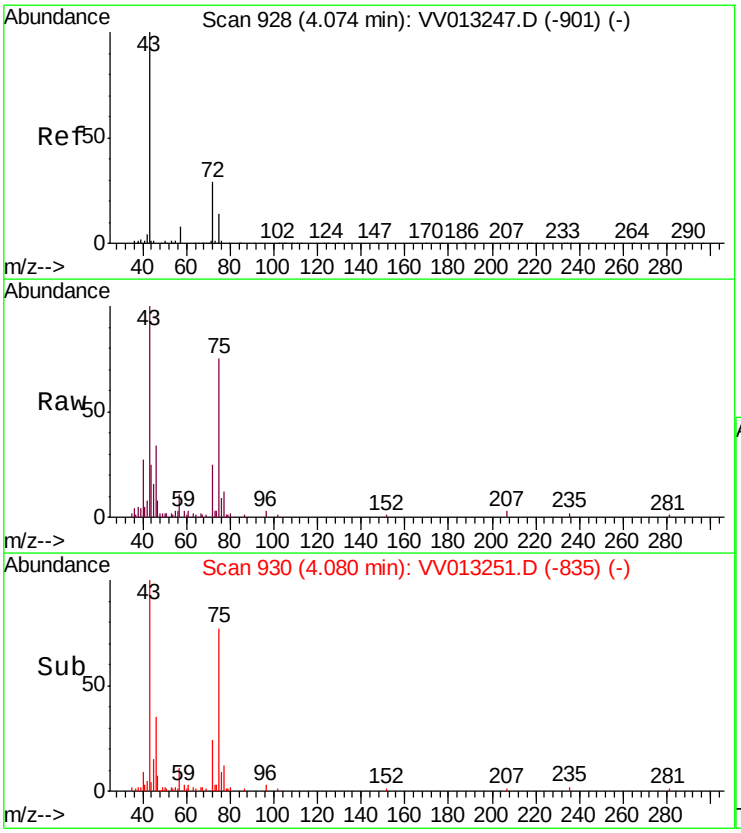
#19
1,1-Dichloroethane
Concen: 0.591 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 63 Resp: 39676

Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.0	42.8
83	14.8	10.2	19.0

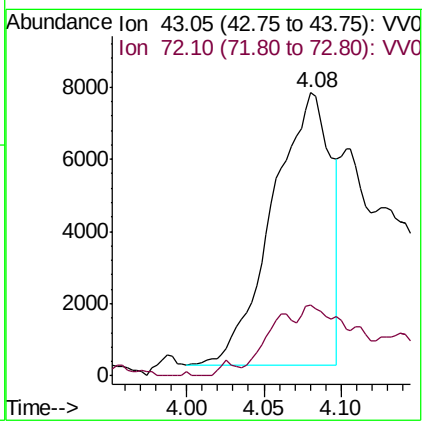


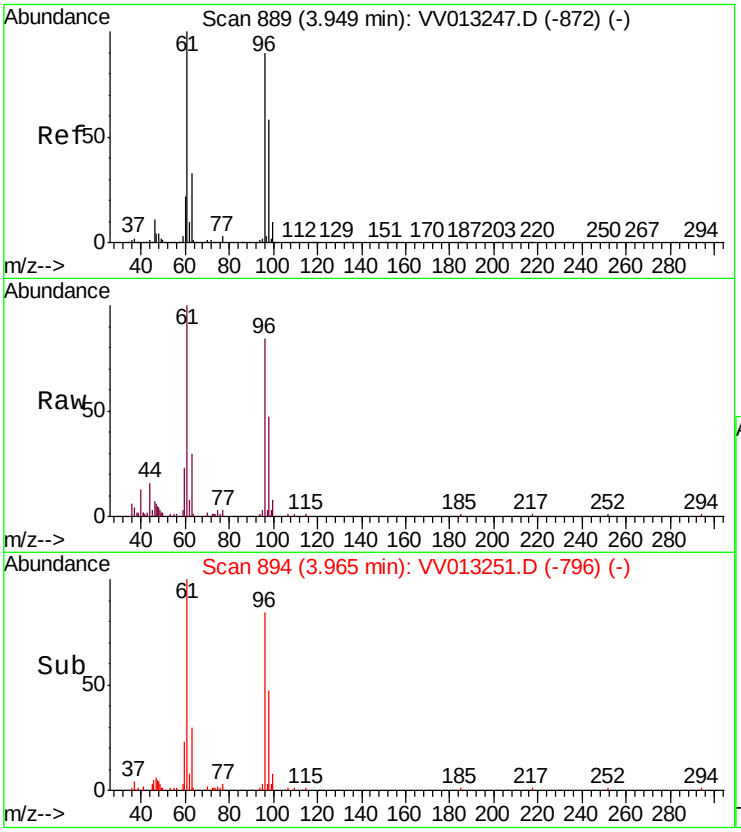


#21
2-Butanone
Concen: 2.836 ug/L
RT: 4.08 min Scan# 930
Delta R.T. 0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 43 Resp: 19711

Ion	Ratio	Lower	Upper
43	100		
72	6.8	13.1	39.3#



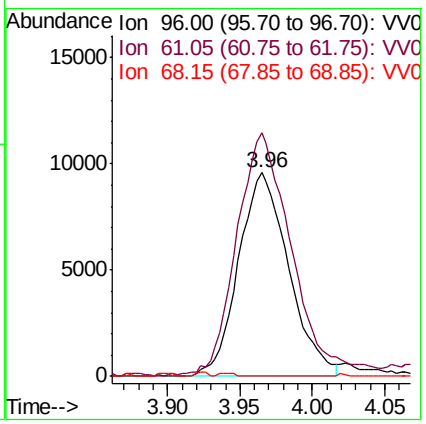


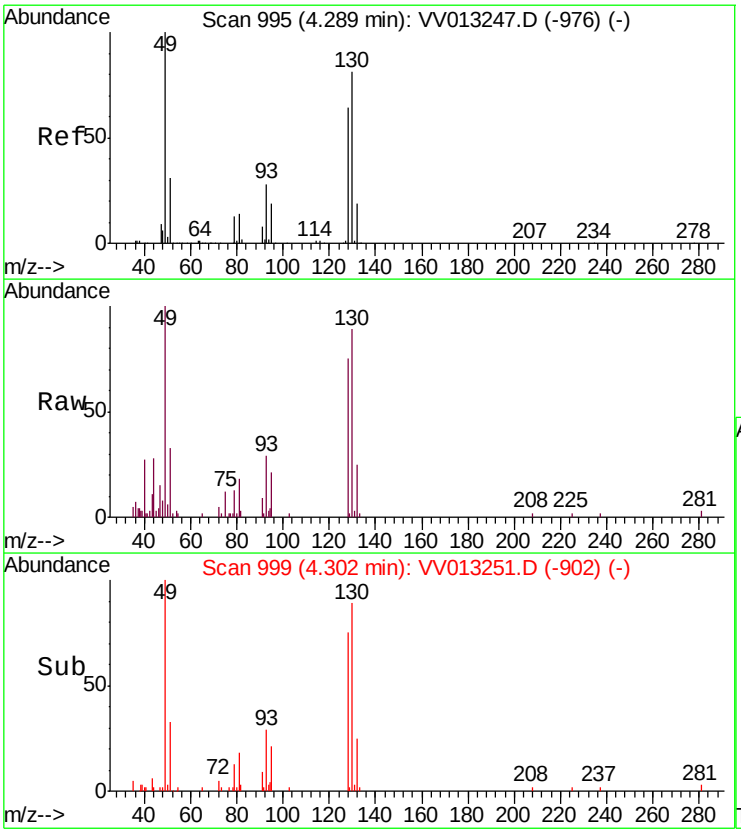
#22
cis-1,2-Dichloroethene
Concen: 0.525 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.02 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 96 Resp: 22994

Ion	Ratio	Lower	Upper
96	100		
61	119.7	77.3	143.7
68	0.0	0.1	0.1#

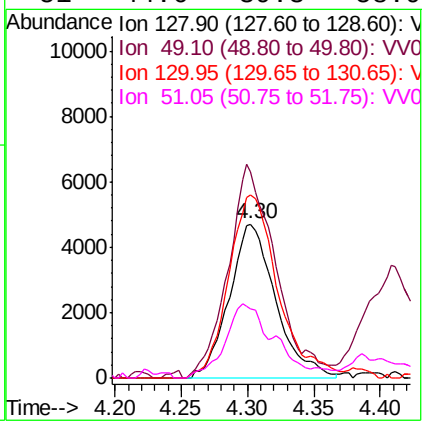


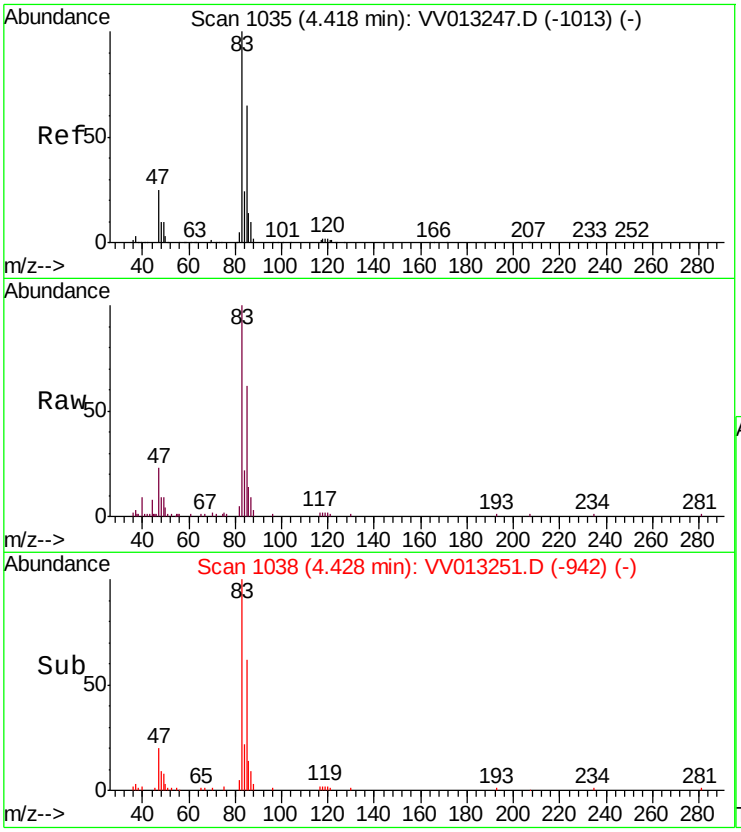


#23
Bromochloromethane
Concen: 0.556 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:128 Resp: 11487

Ion	Ratio	Lower	Upper
128	100		
49	141.3	109.9	204.1
130	119.5	88.7	164.7
51	44.6	39.3	58.9



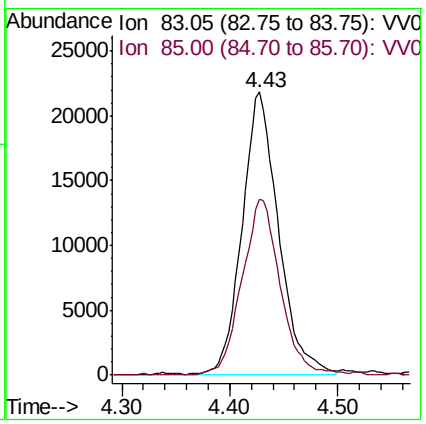


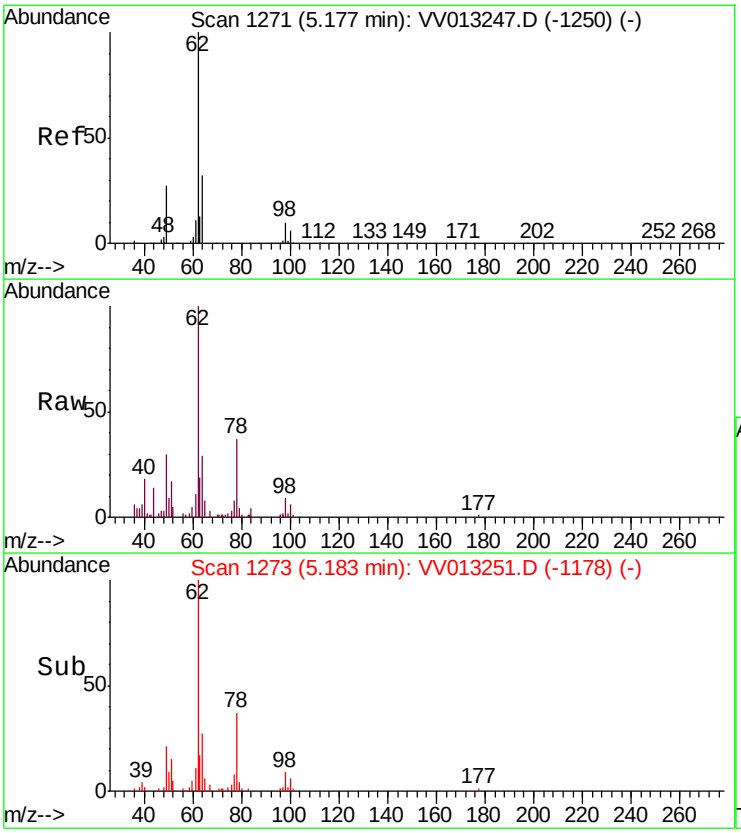
#25
Chloroform
Concen: 0.596 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 83 Resp: 51308

Ion	Ratio	Lower	Upper
83	100		
85	61.9	45.7	84.9

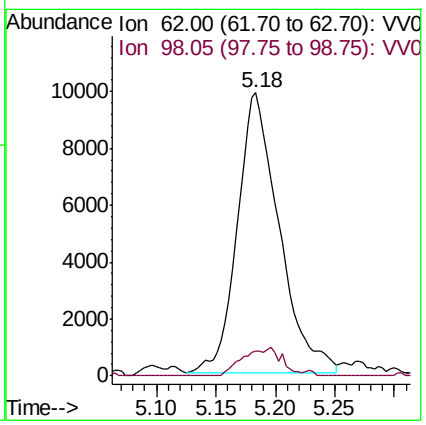


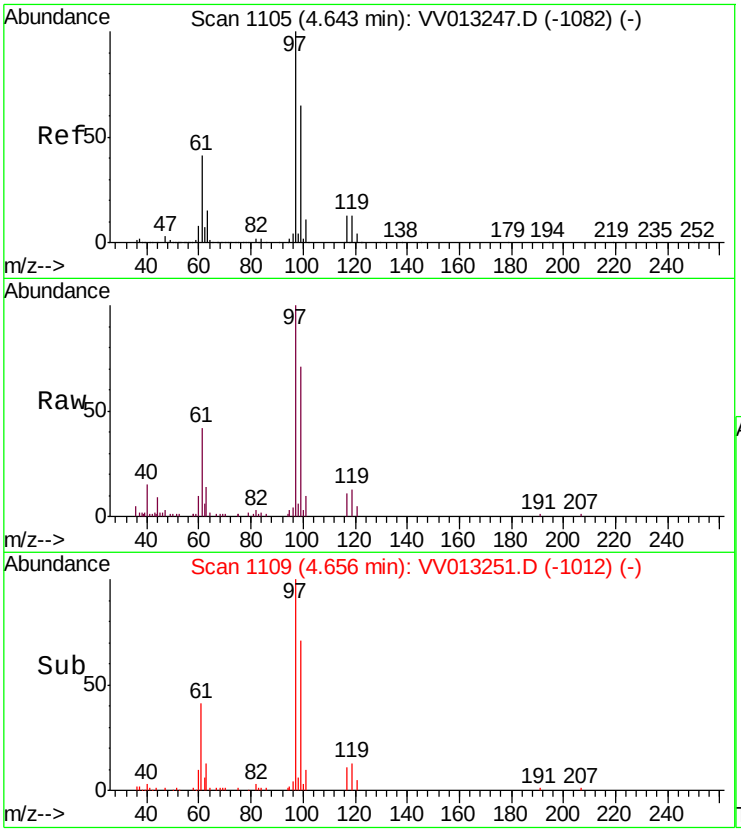


#27
1,2-Dichloroethane
Concen: 0.523 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 62 Resp: 23926

Ion	Ratio	Lower	Upper
62	100		
98	8.9	8.3	12.5



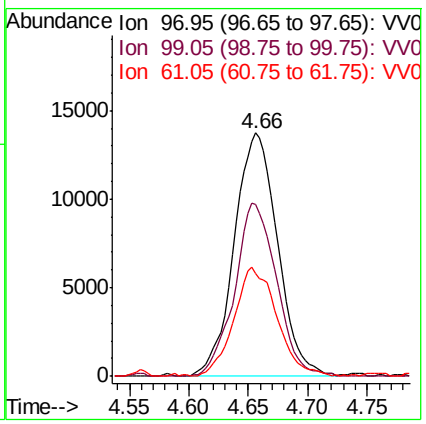


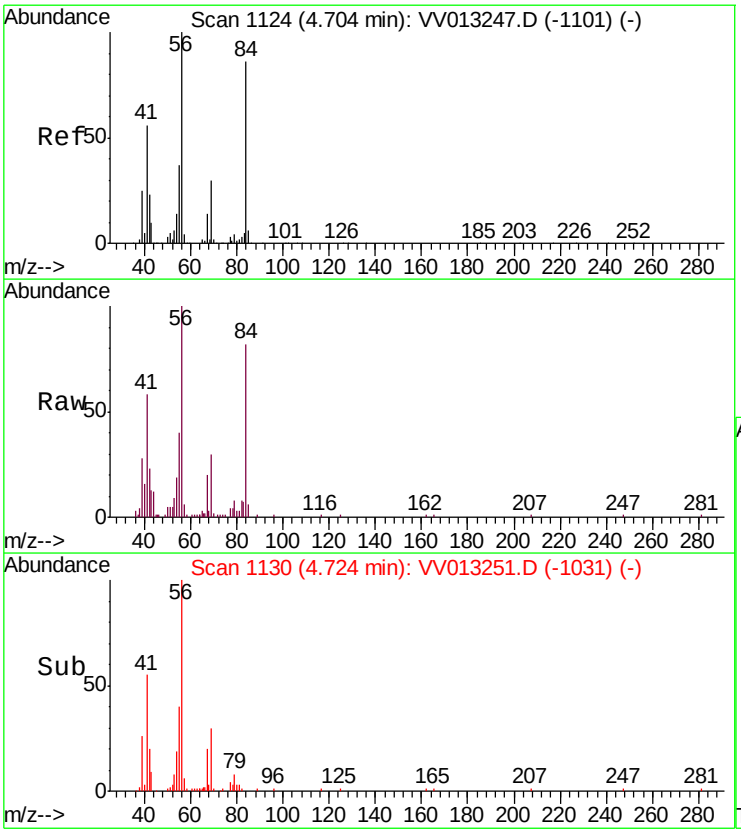
#29
1,1,1-Trichloroethane
Concen: 0.487 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 97 Resp: 34600

Ion	Ratio	Lower	Upper
97	100		
99	69.2	51.7	77.5
61	44.6	34.3	51.5

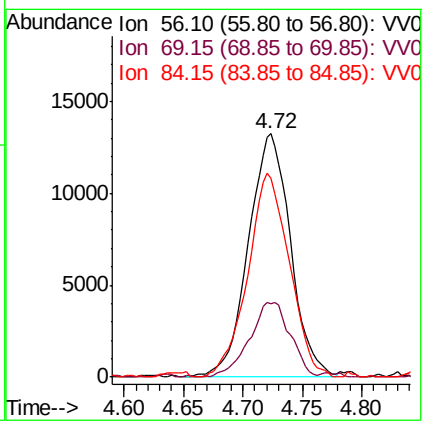


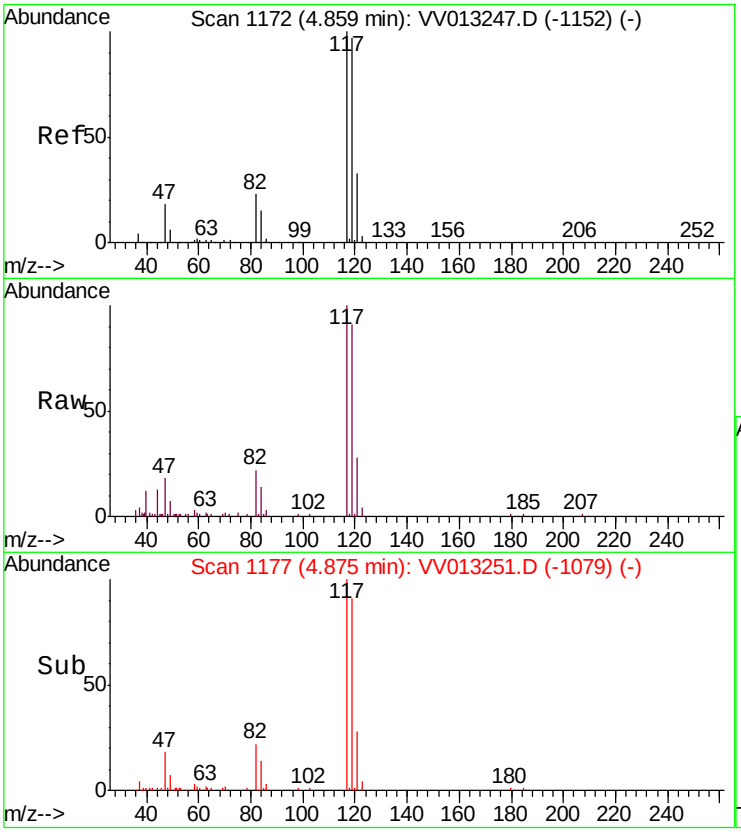


#30
Cyclohexane
Concen: 0.446 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.02 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 56 Resp: 32447

Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.6	37.0
84	82.5	71.0	106.6



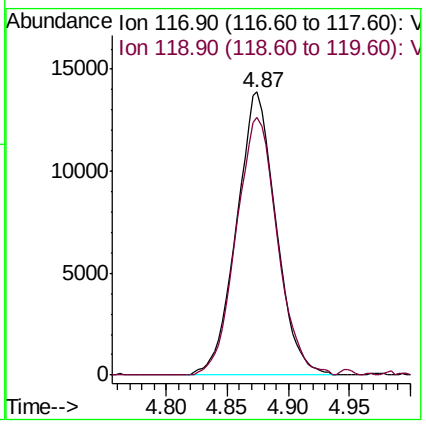


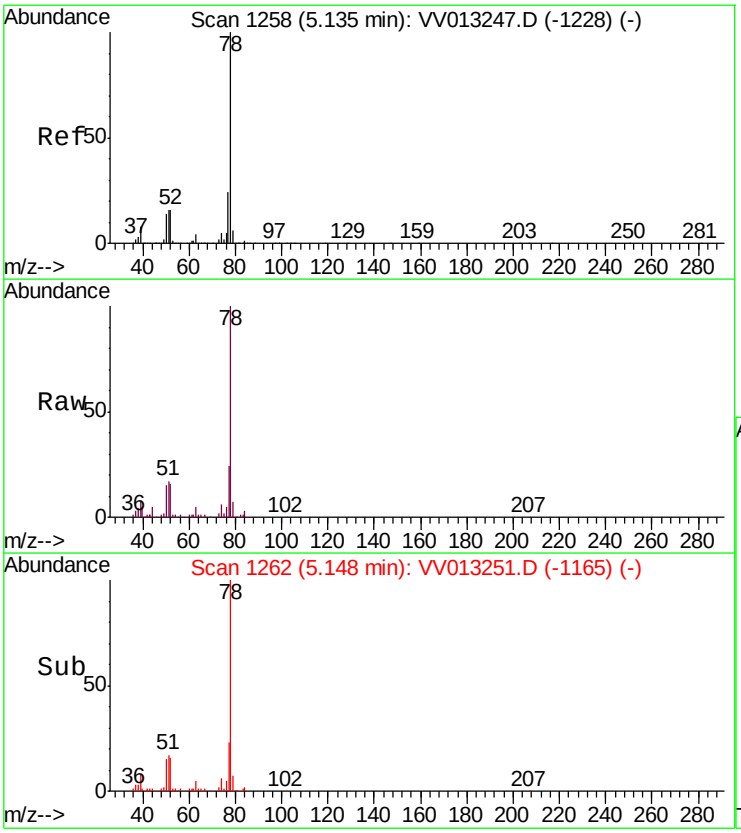
#31
Carbon tetrachloride
Concen: 0.487 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.02 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:117 Resp: 30998

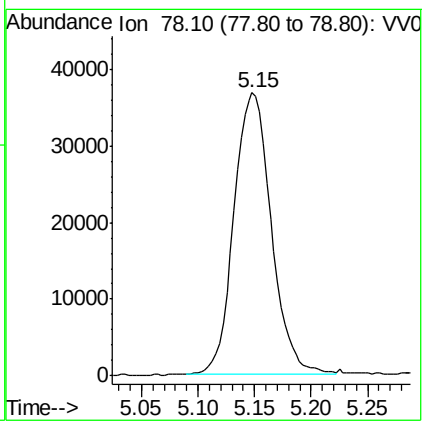
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.0

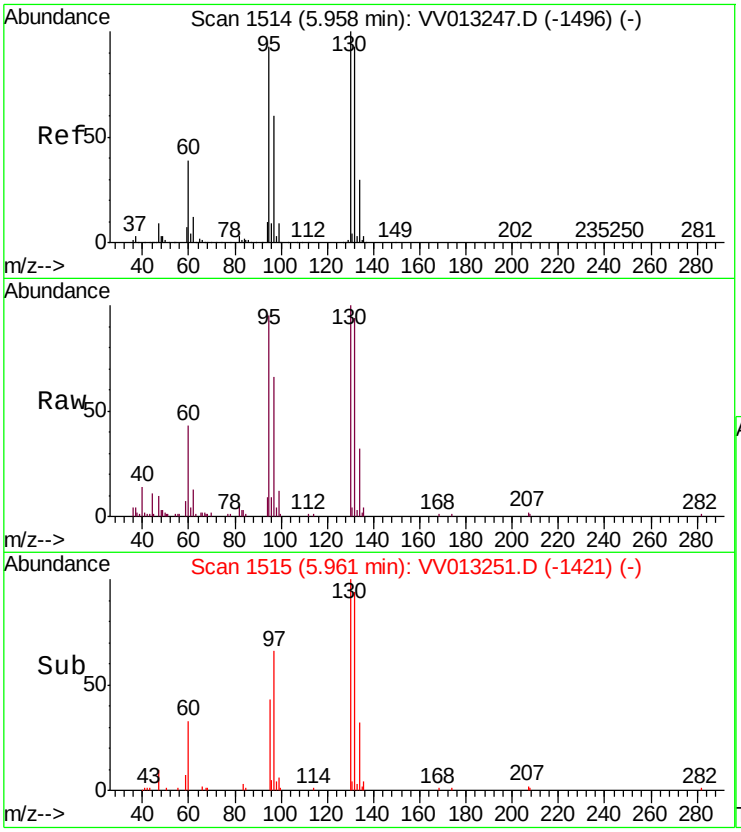




#33
Benzene
Concen: 0.459 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 78 Resp: 84075



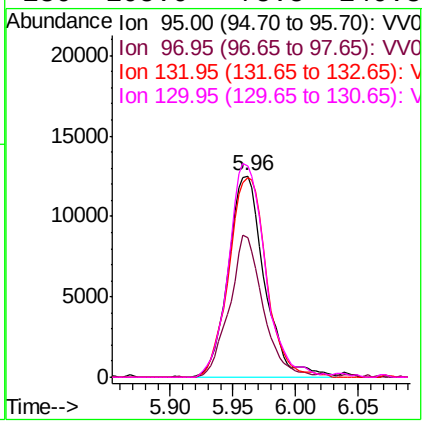


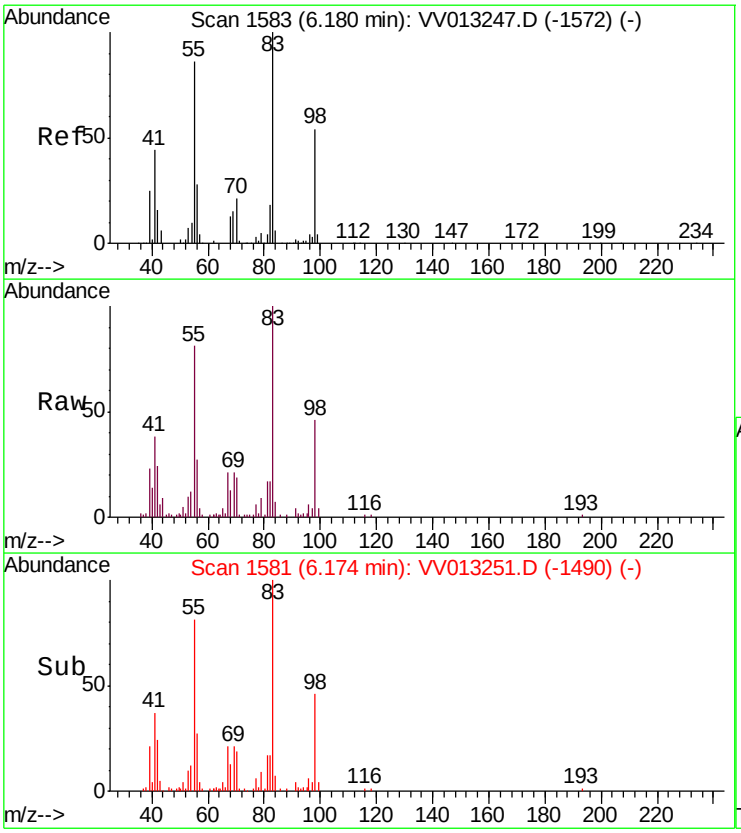
#34
Trichloroethene
Concen: 0.519 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 95 Resp: 25201

Ion	Ratio	Lower	Upper
95	100		
97	69.6	45.2	84.0
132	99.0	70.6	131.2
130	105.0	75.5	140.3

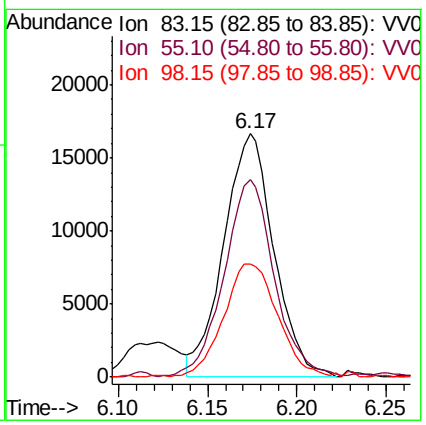


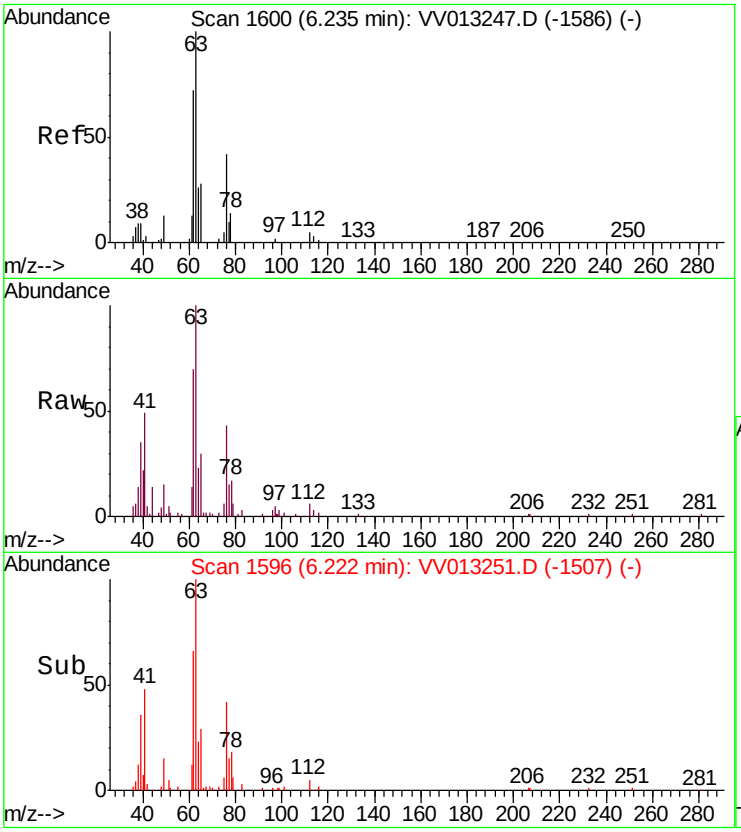


#35
Methylcyclohexane
Concen: 0.437 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 83 Resp: 32685

Ion	Ratio	Lower	Upper
83	100		
55	81.5	62.4	93.6
98	50.1	39.2	58.8



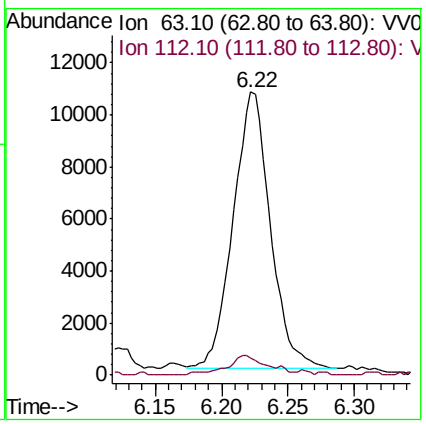


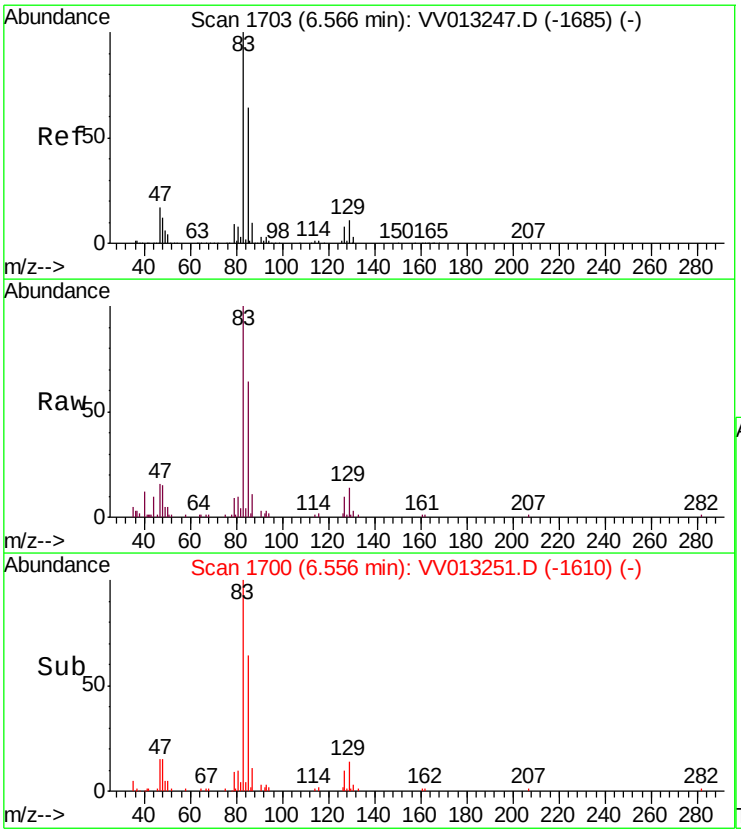
#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 63 Resp: 20707

Ion	Ratio	Lower	Upper
63	100		
112	7.3	4.1	6.1#

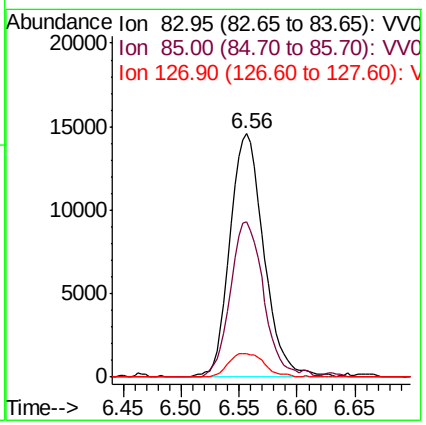


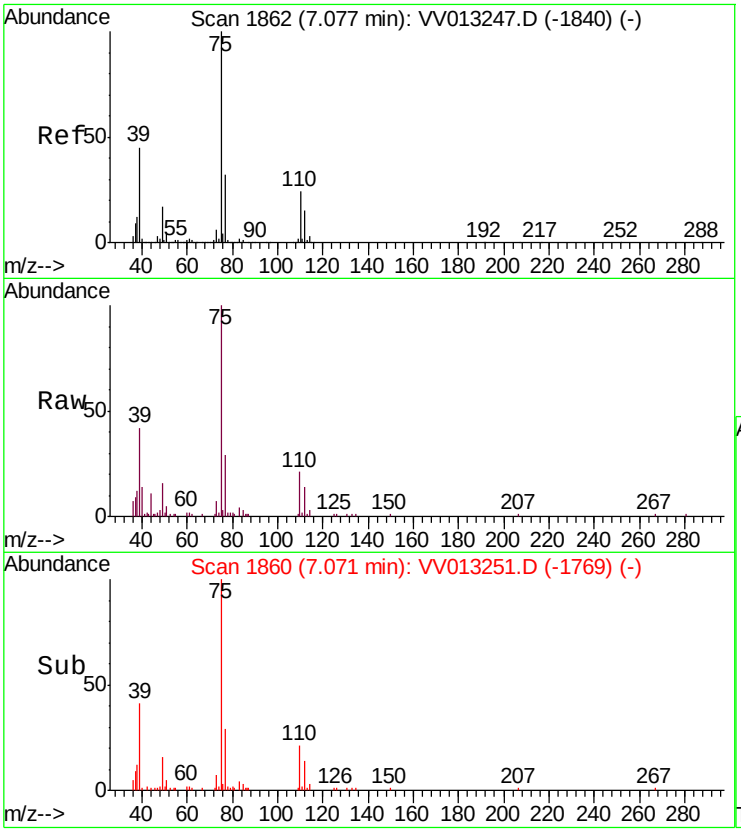


#38
Bromodichloromethane
Concen: 0.517 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. -0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 83 Resp: 29544

Ion	Ratio	Lower	Upper
83	100		
85	63.6	44.4	82.5
127	9.6	6.6	10.0



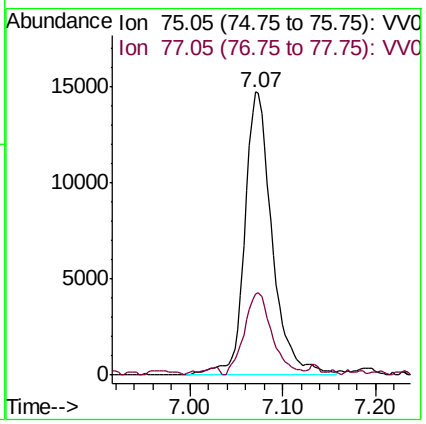


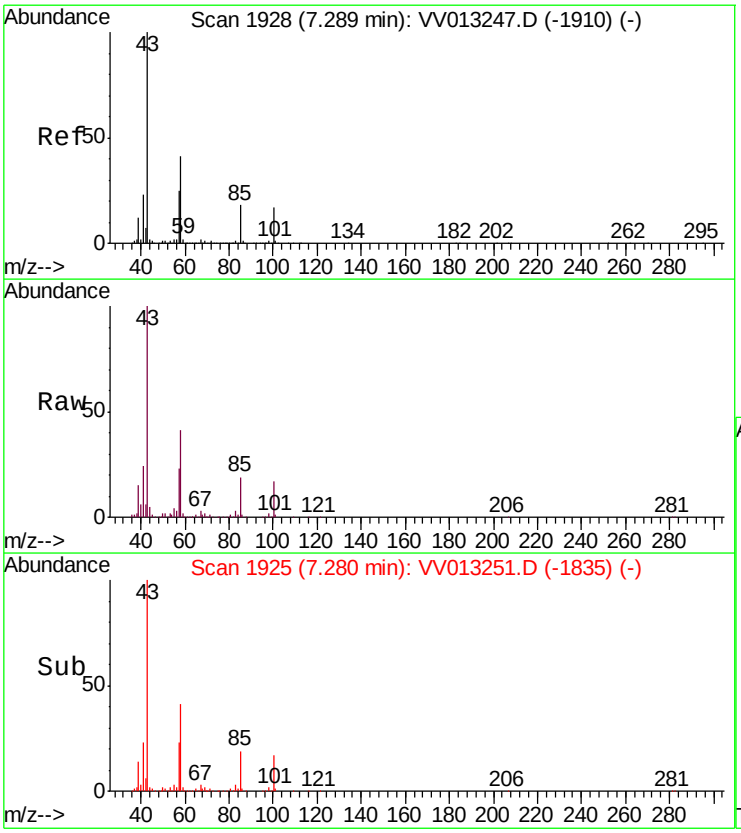
#39
cis-1,3-Dichloropropene
Concen: 0.492 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 75 Resp: 30244

Ion	Ratio	Lower	Upper
75	100		
77	28.6	22.6	42.0

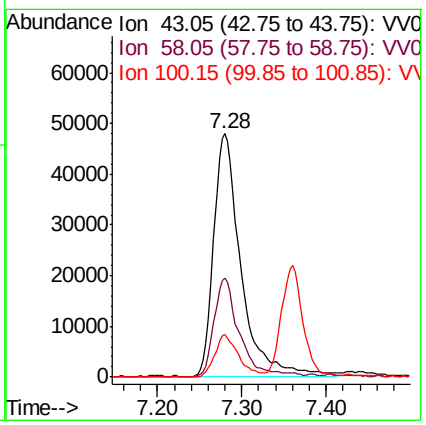


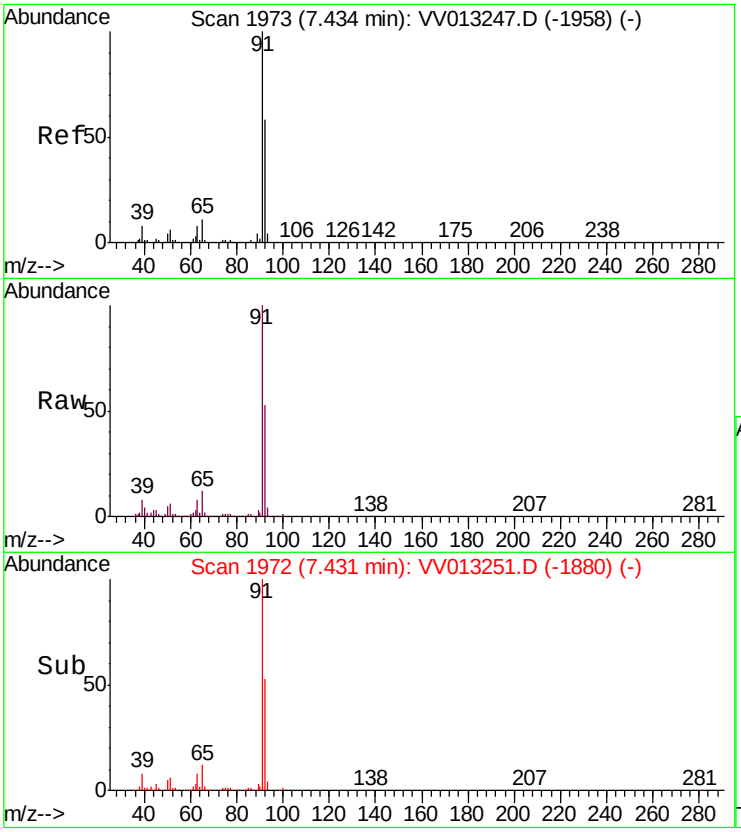


#40
4-Methyl-2-pentanone
Concen: 4.936 ug/L
RT: 7.28 min Scan# 1925
Delta R.T. -0.01 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 43 Resp: 108918

Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.7	46.1
100	15.0	12.4	18.6



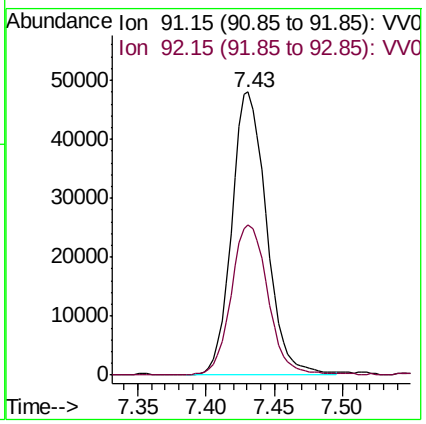


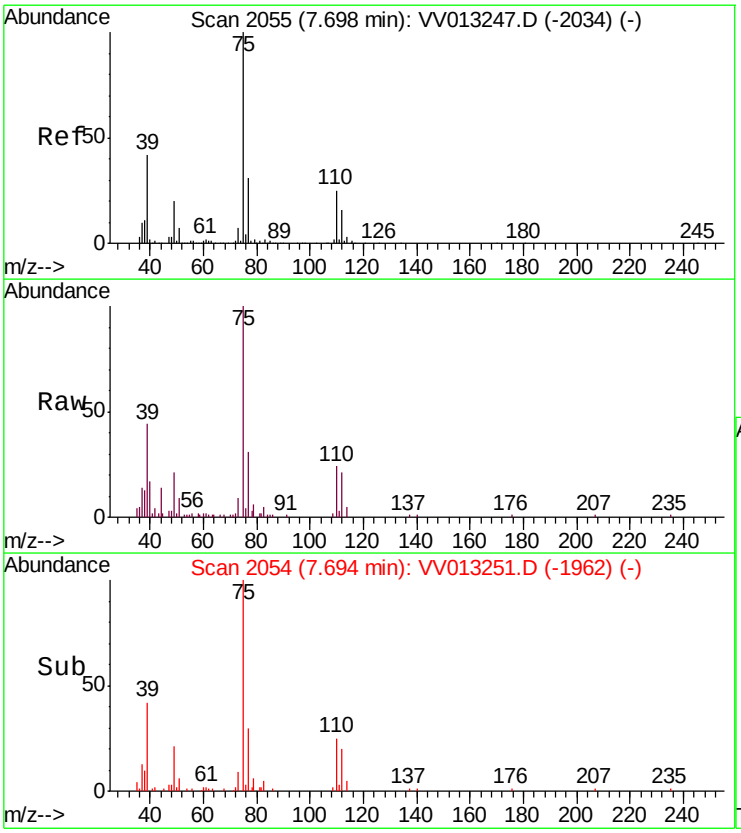
#42
Toluene
Concen: 0.447 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 91 Resp: 85190

Ion	Ratio	Lower	Upper
91	100		
92	53.2	40.5	75.1

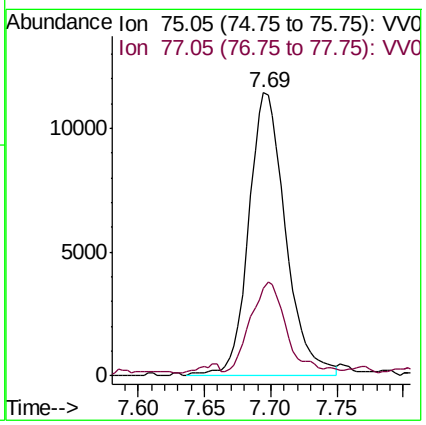


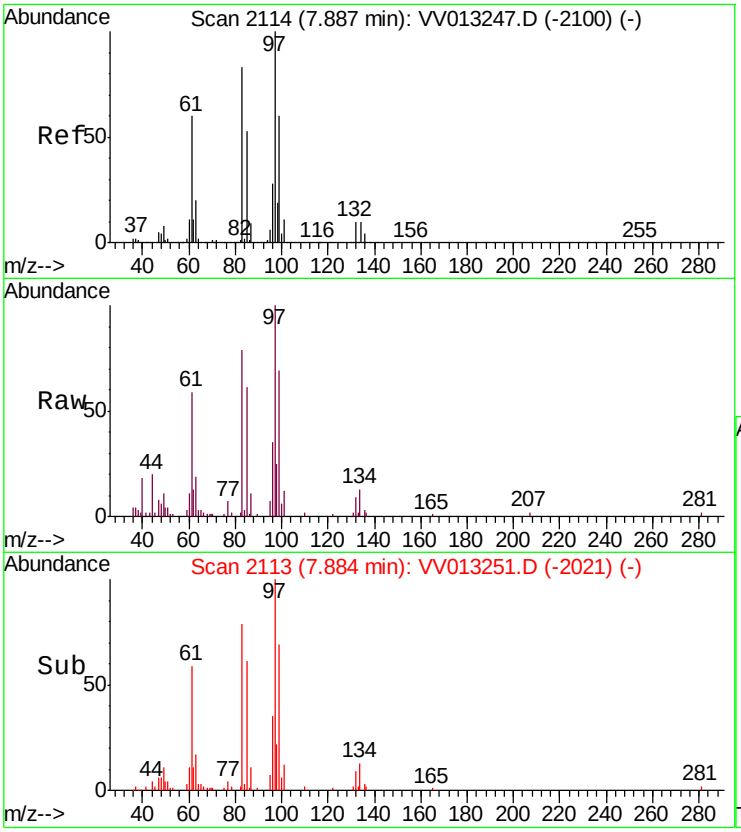


#44
trans-1,3-Dichloropropene
Concen: 0.472 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 75 Resp: 22280

Ion	Ratio	Lower	Upper
75	100		
77	30.8	21.8	40.6



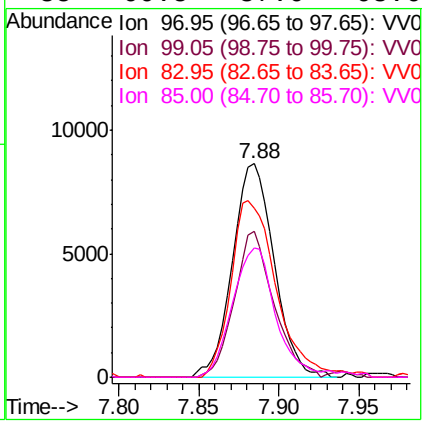


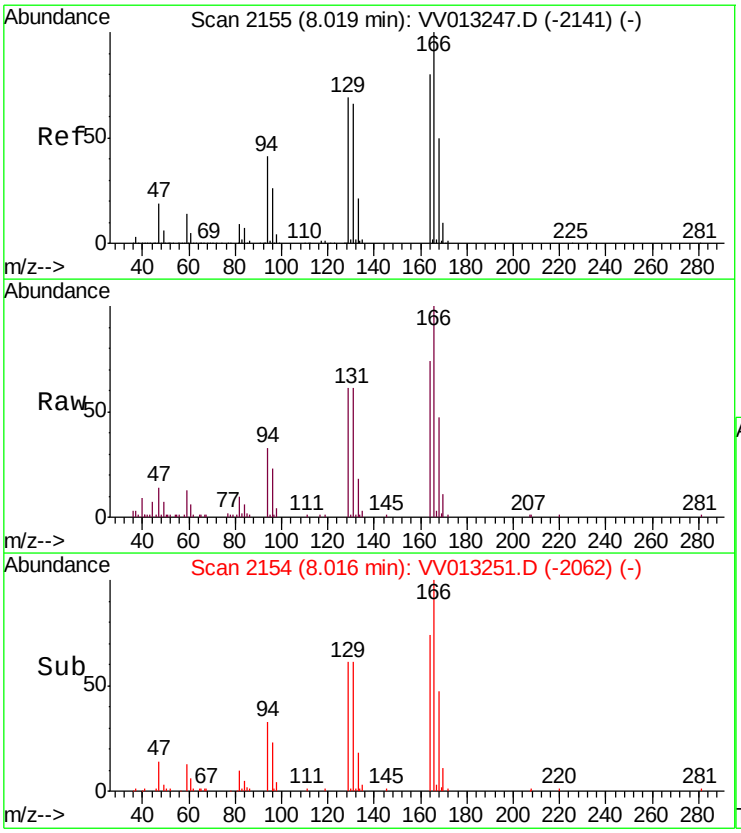
#45
1,1,2-Trichloroethane
Concen: 0.497 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 97 Resp: 15363

Ion	Ratio	Lower	Upper
97	100		
99	68.5	42.2	78.4
83	78.9	58.4	108.4
85	60.5	37.0	68.6

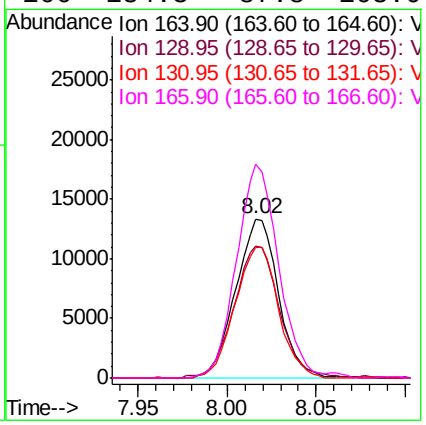


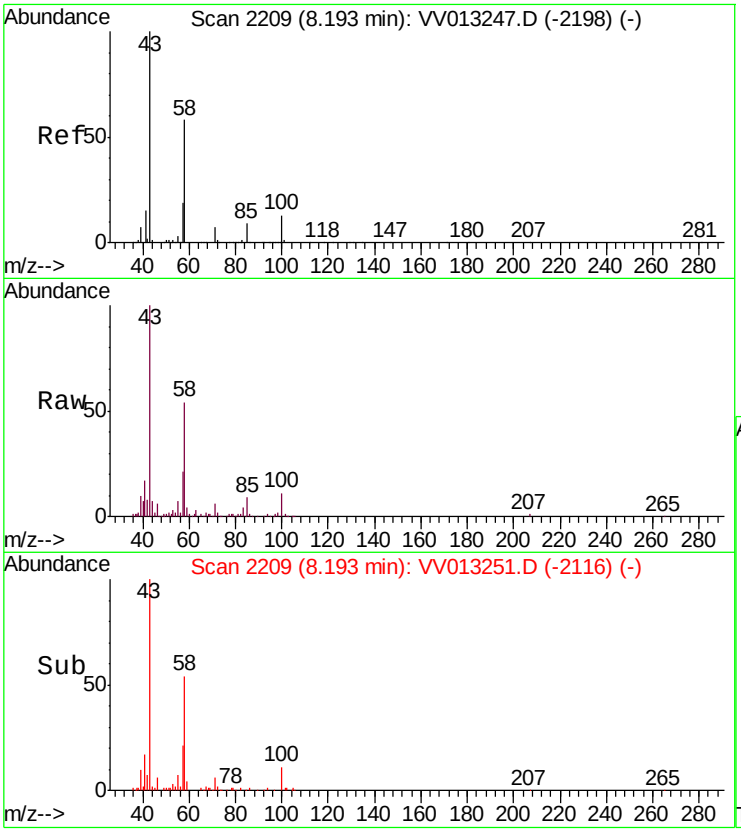


#47
Tetrachloroethene
Concen: 0.501 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:164 Resp: 22175

Ion	Ratio	Lower	Upper
164	100		
129	82.5	61.0	113.2
131	81.8	57.5	106.9
166	134.3	87.8	163.0



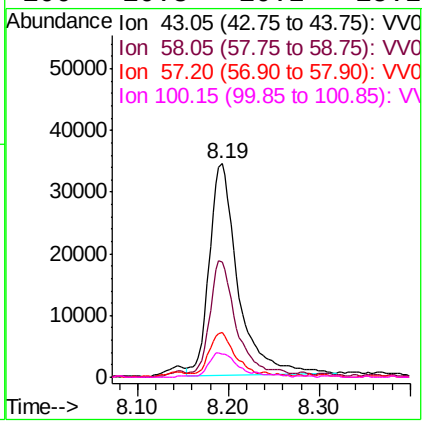


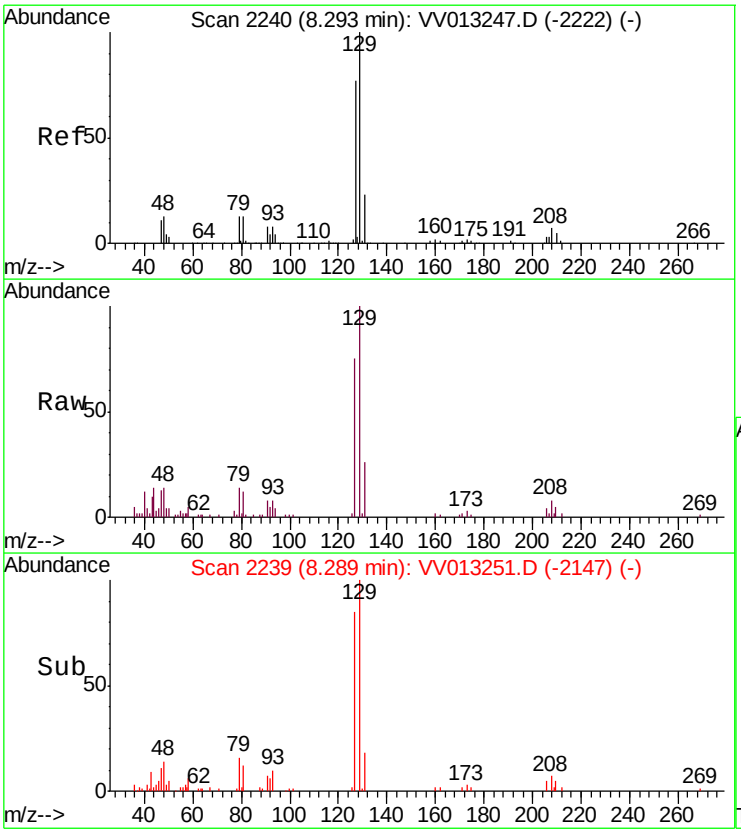
#48
2-Hexanone
Concen: 4.813 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 43 Resp: 75236

Ion	Ratio	Lower	Upper
43	100		
58	46.5	45.1	67.7
57	17.2	15.5	23.3
100	10.3	10.2	15.2

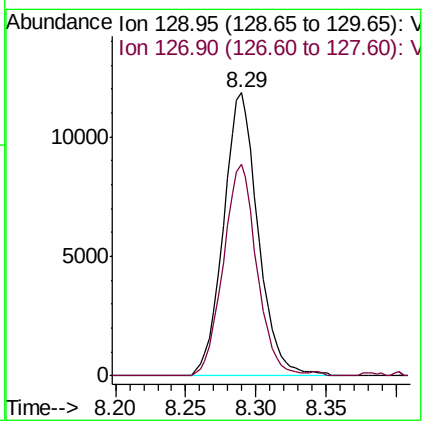


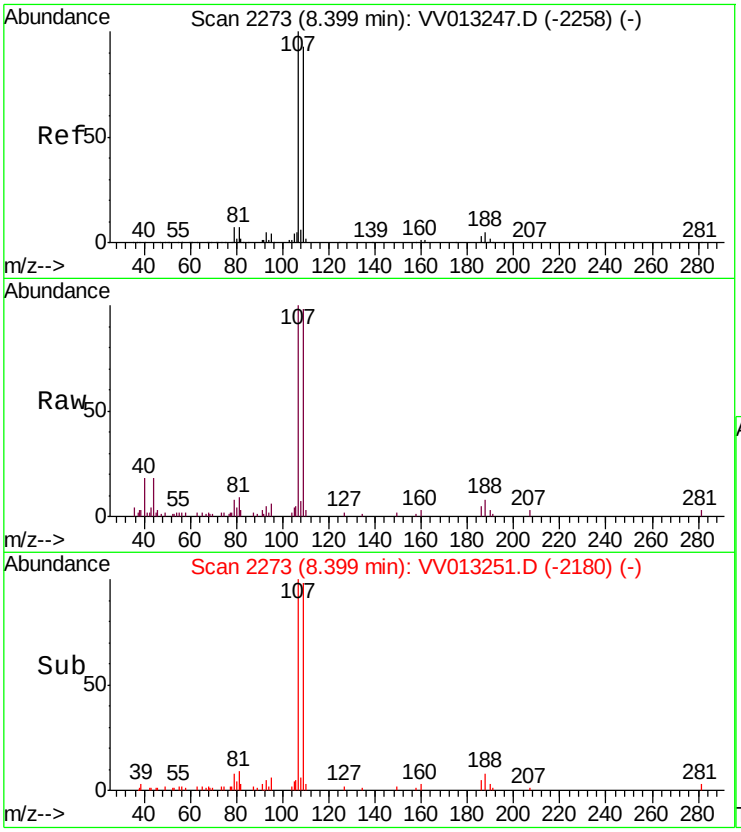


#49
Dibromochloromethane
Concen: 0.530 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:129 Resp: 20336

Ion	Ratio	Lower	Upper
129	100		
127	74.8	54.1	100.5



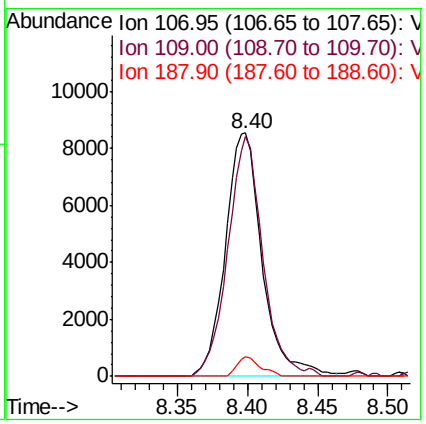


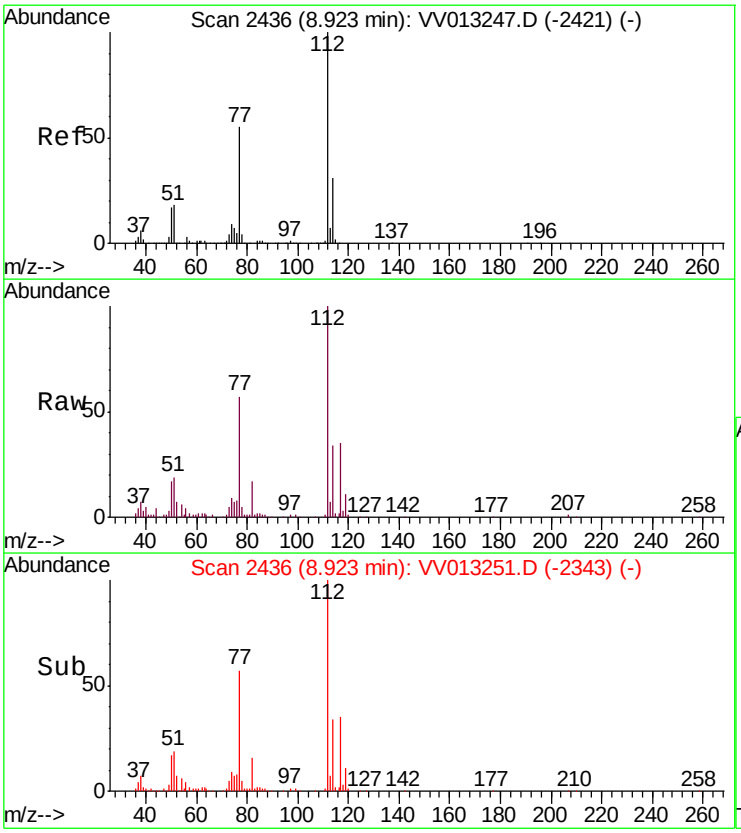
#50
1,2-Dibromoethane
Concen: 0.539 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:107 Resp: 15530

Ion	Ratio	Lower	Upper
107	100		
109	98.3	65.5	121.6
188	8.3	3.7	5.5#

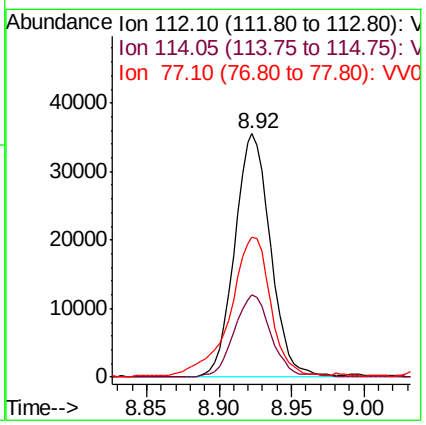


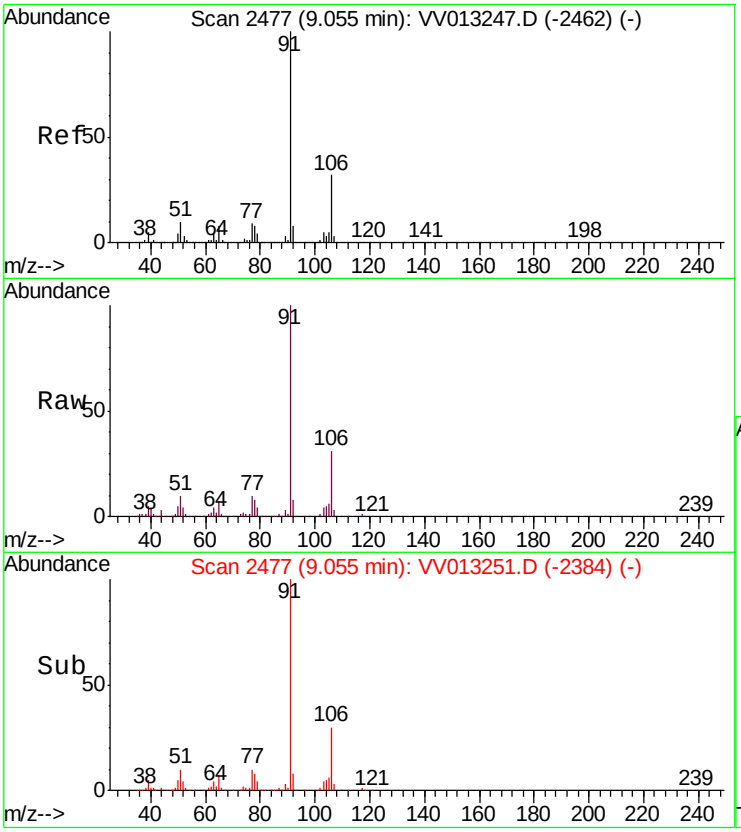


#51
Chlorobenzene
Concen: 0.490 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:112 Resp: 60969

Ion	Ratio	Lower	Upper
112	100		
114	34.0	21.8	40.6
77	57.3	44.4	66.6



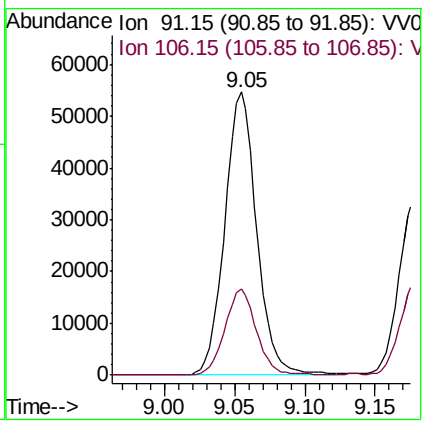


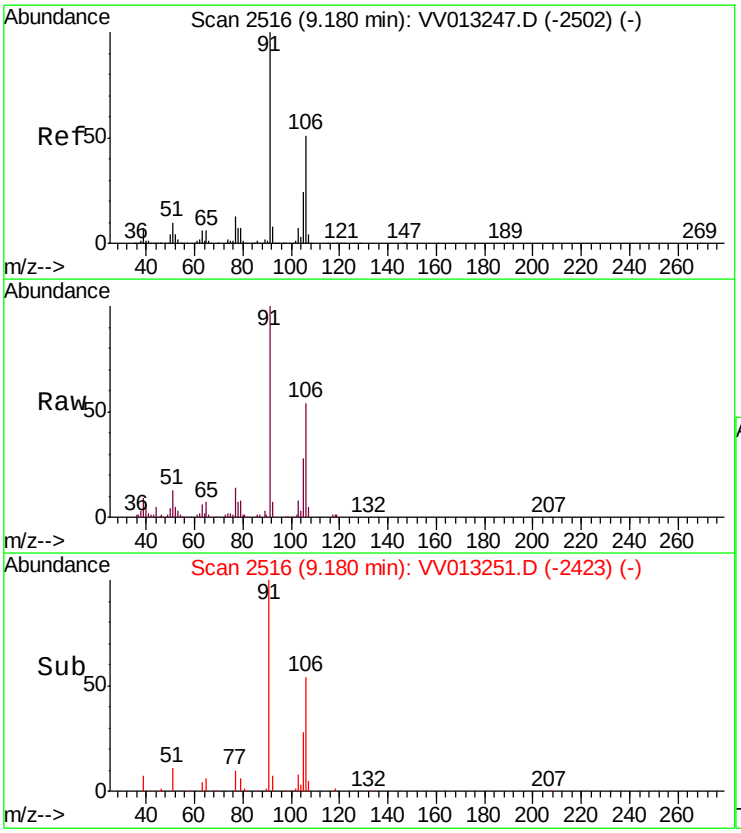
#52
Ethylbenzene
Concen: 0.435 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 91 Resp: 86478

Ion	Ratio	Lower	Upper
91	100		
106	30.6	22.4	41.6

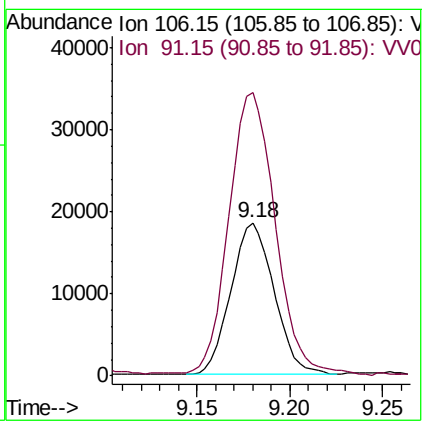


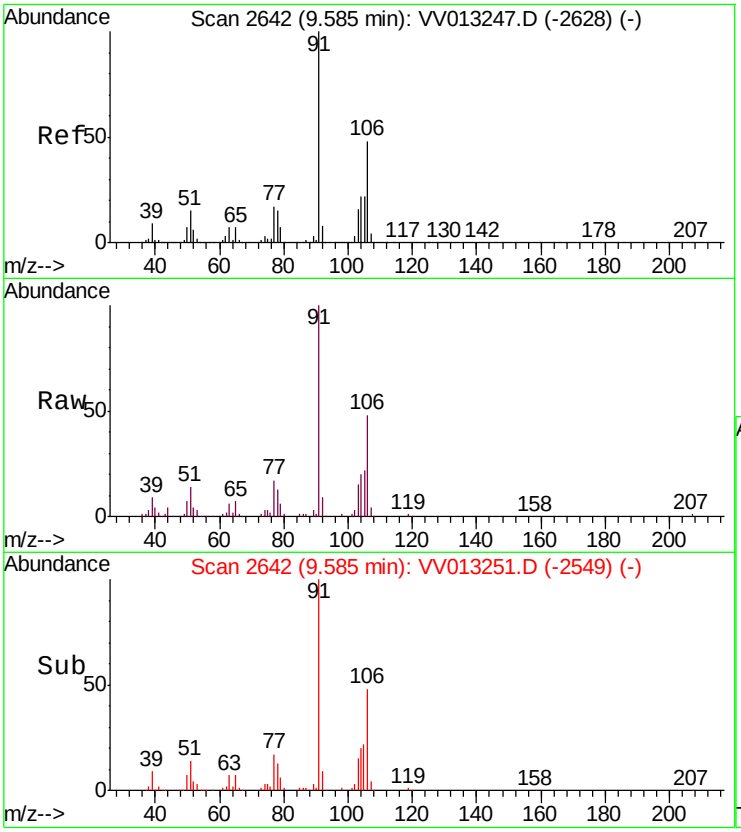


#53
m,p-xylene
Concen: 0.390 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:106 Resp: 30030

Ion	Ratio	Lower	Upper
106	100		
91	184.9	137.8	255.8



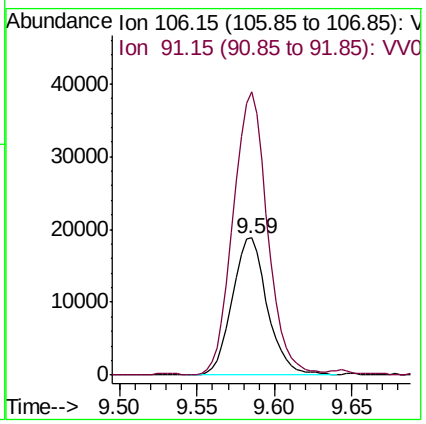


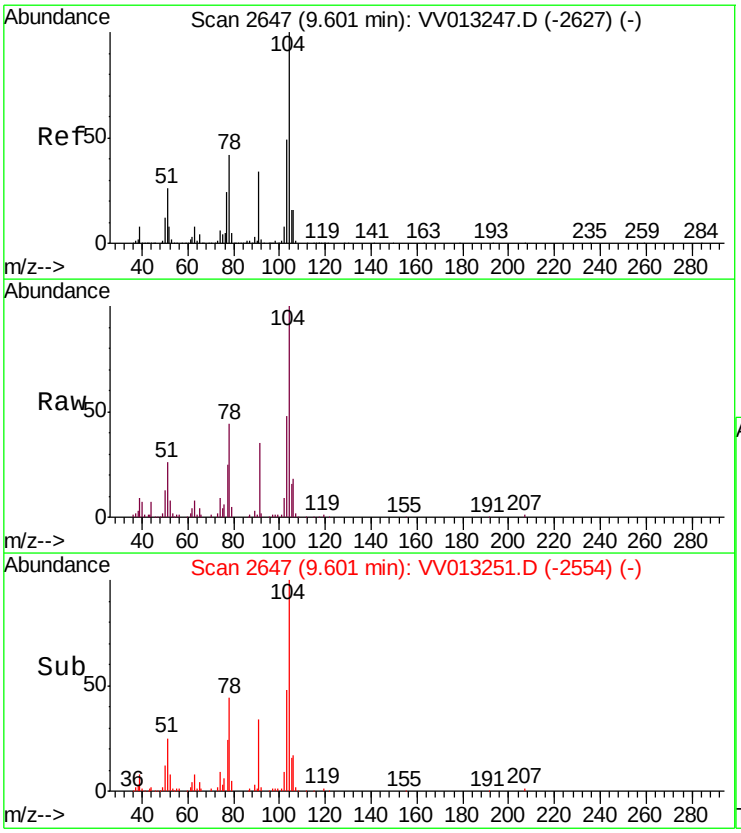
#54
o-xylene
Concen: 0.413 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:106 Resp: 29788

Ion	Ratio	Lower	Upper
106	100		
91	206.4	147.0	273.0

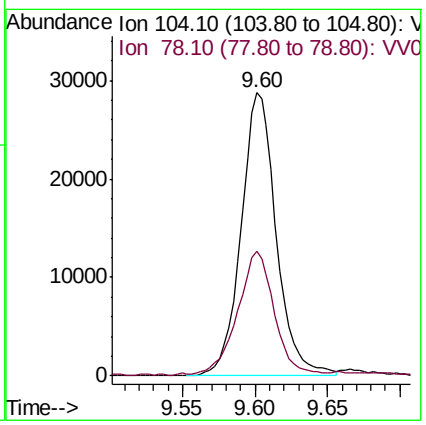


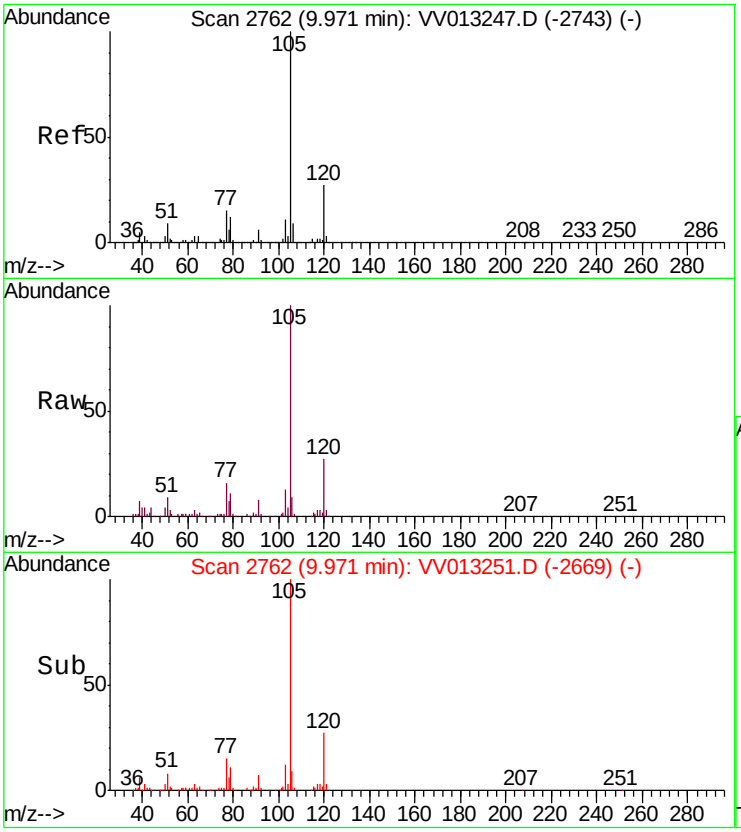


#55
Styrene
Concen: 0.395 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:104 Resp: 48477

Ion	Ratio	Lower	Upper
104	100		
78	43.9	29.6	55.0



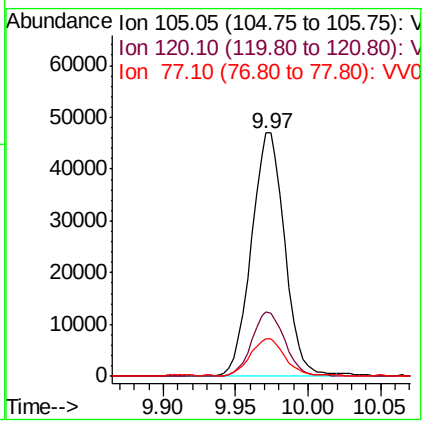


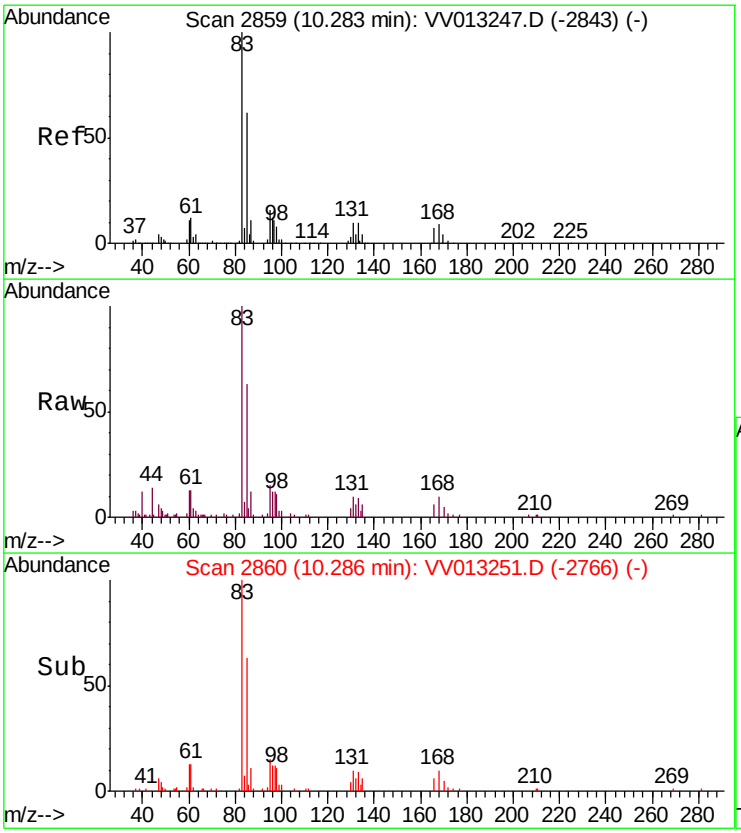
#56
Isopropylbenzene
Concen: 0.393 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:105 Resp: 75330

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.8	32.6
77	16.5	12.0	18.0

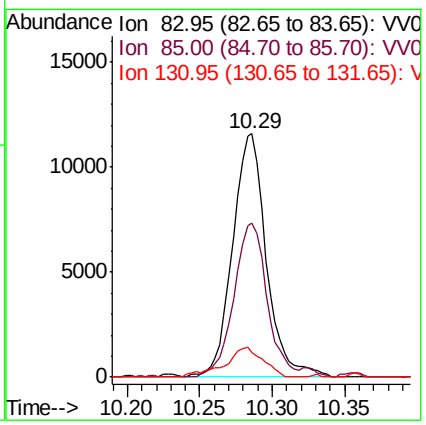


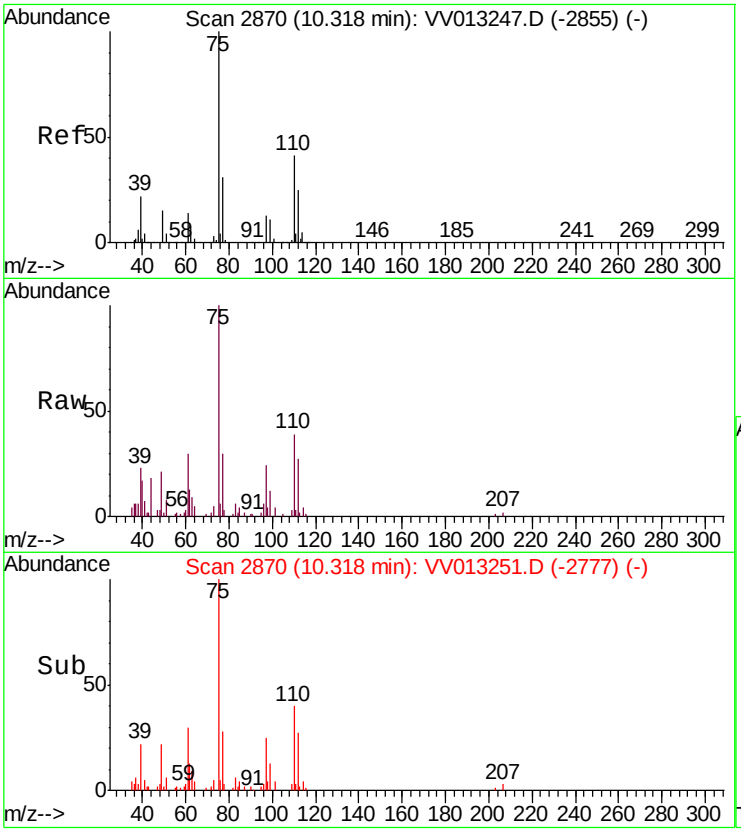


#58
1,1,2,2-Tetrachloroethane
Concen: 0.539 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 83 Resp: 18766

Ion	Ratio	Lower	Upper
83	100		
85	63.3	43.3	80.3
131	10.3	8.3	12.5



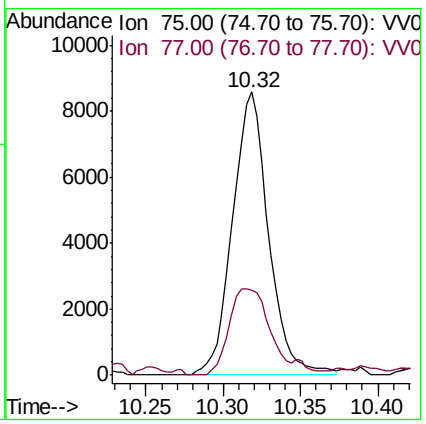


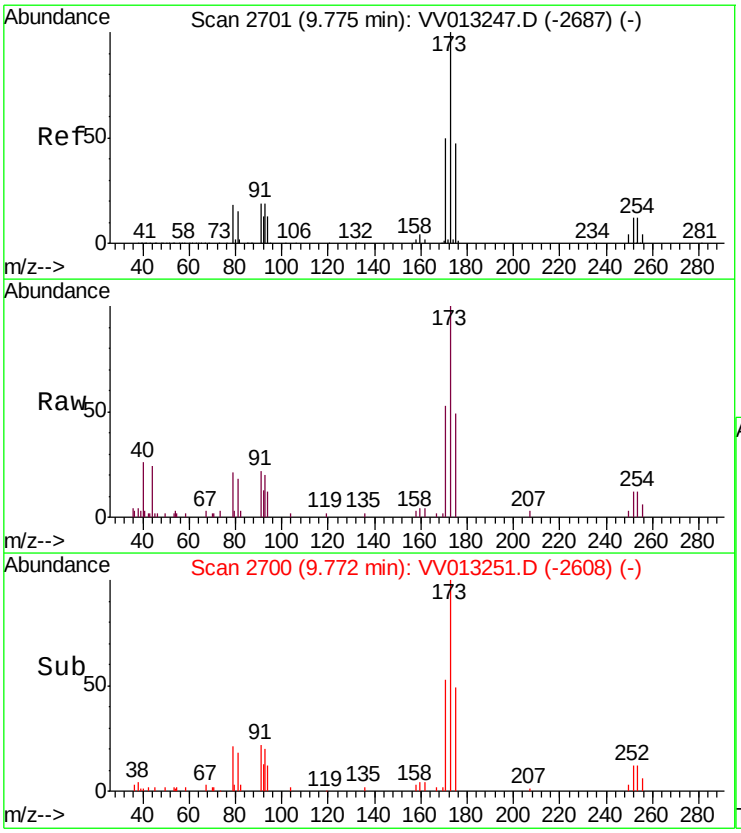
#59
1,2,3-Trichloropropane
Concen: 0.530 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 75 Resp: 13863

Ion	Ratio	Lower	Upper
75	100		
77	34.0	24.7	37.1

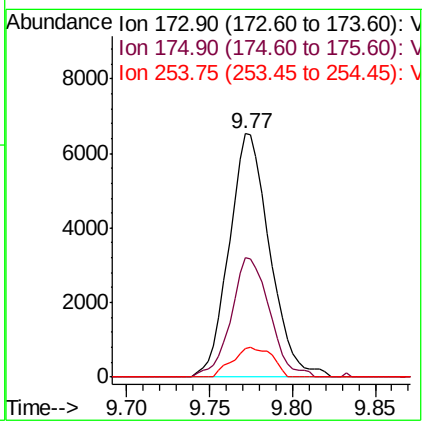


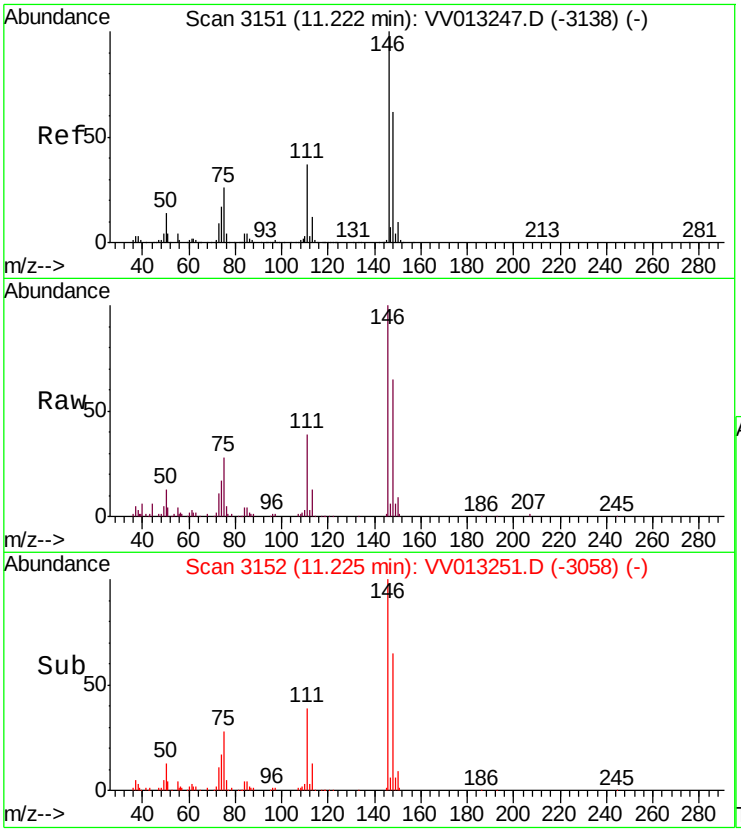


#61
Bromoform
Concen: 0.560 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:173 Resp: 11115

Ion	Ratio	Lower	Upper
173	100		
175	46.6	38.8	58.2
254	12.0	9.8	14.8



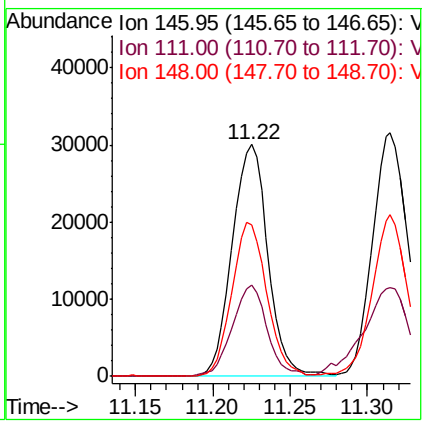


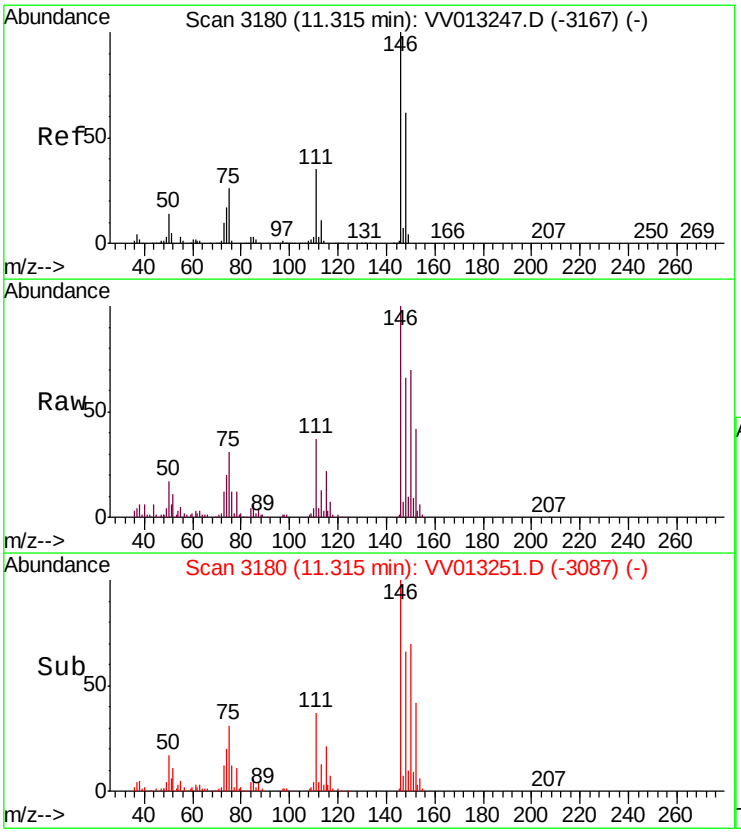
#62
1,3-Dichlorobenzene
Concen: 0.530 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion:146 Resp: 48297

Ion	Ratio	Lower	Upper
146	100		
111	39.2	25.8	47.8
148	65.1	43.8	81.3

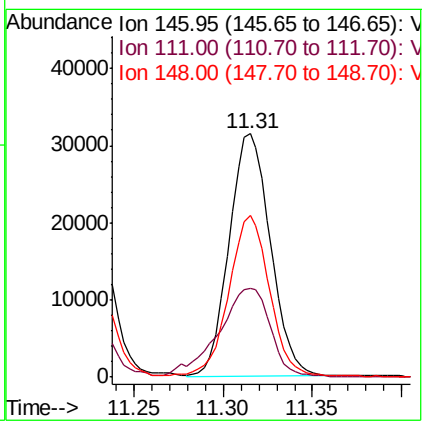


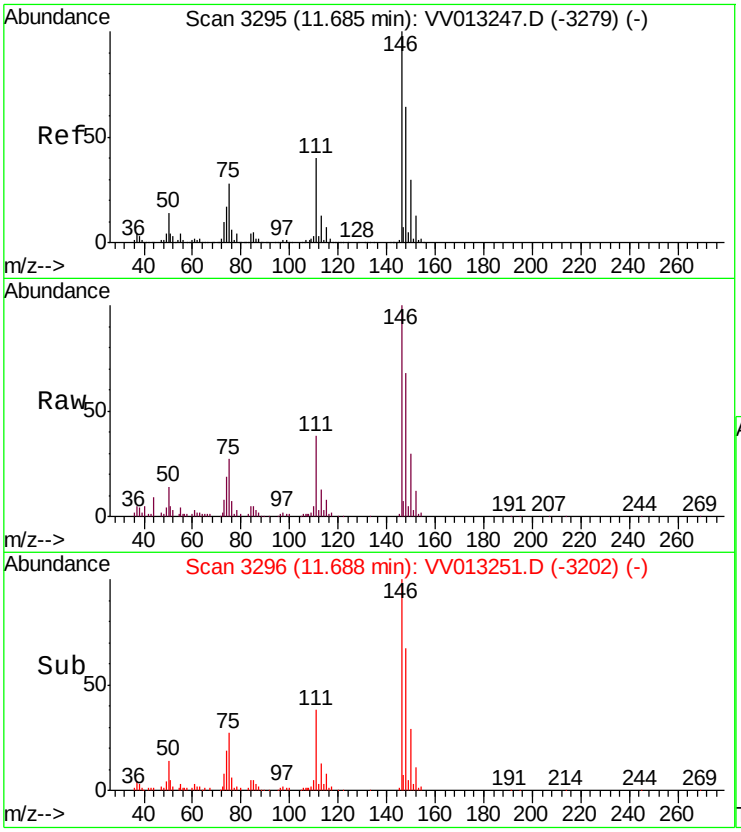


#63
1,4-Dichlorobenzene
Concen: 0.550 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:146 Resp: 50398

Ion	Ratio	Lower	Upper
146	100		
111	36.7	24.6	45.6
148	66.2	43.3	80.5



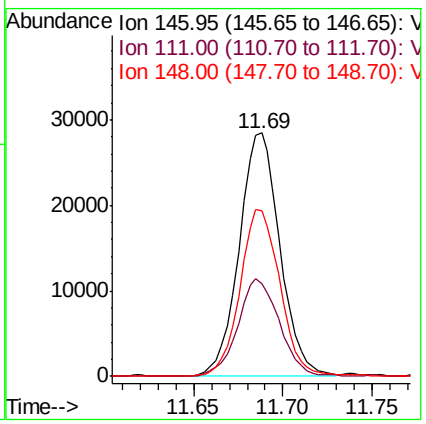


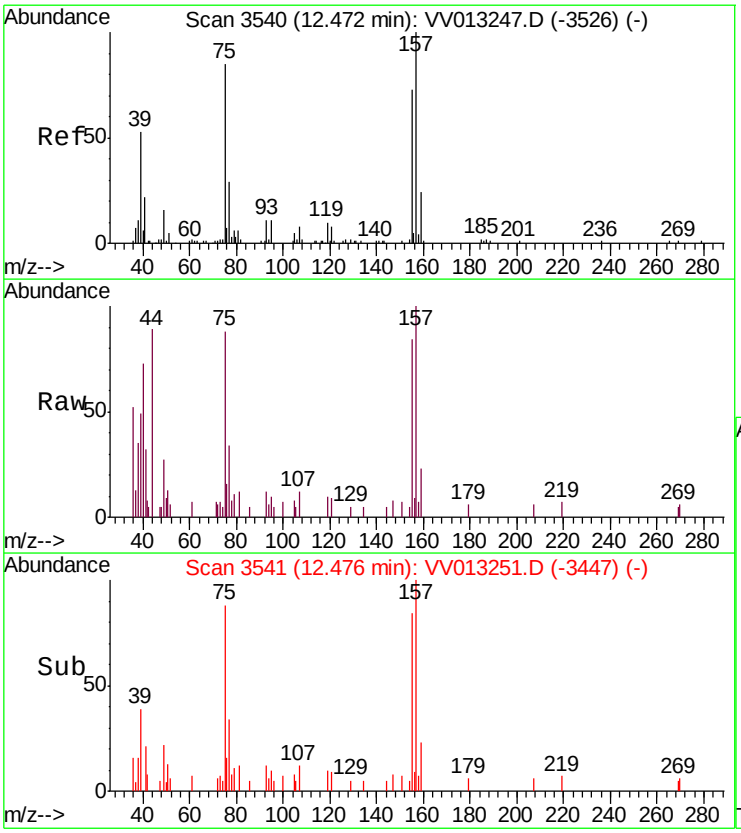
#65
1,2-Dichlorobenzene
Concen: 0.541 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:146 Resp: 45483

Ion	Ratio	Lower	Upper
146	100		
111	37.9	31.8	47.6
148	67.9	51.0	76.6

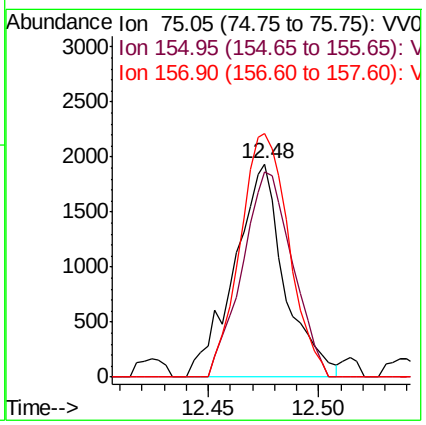


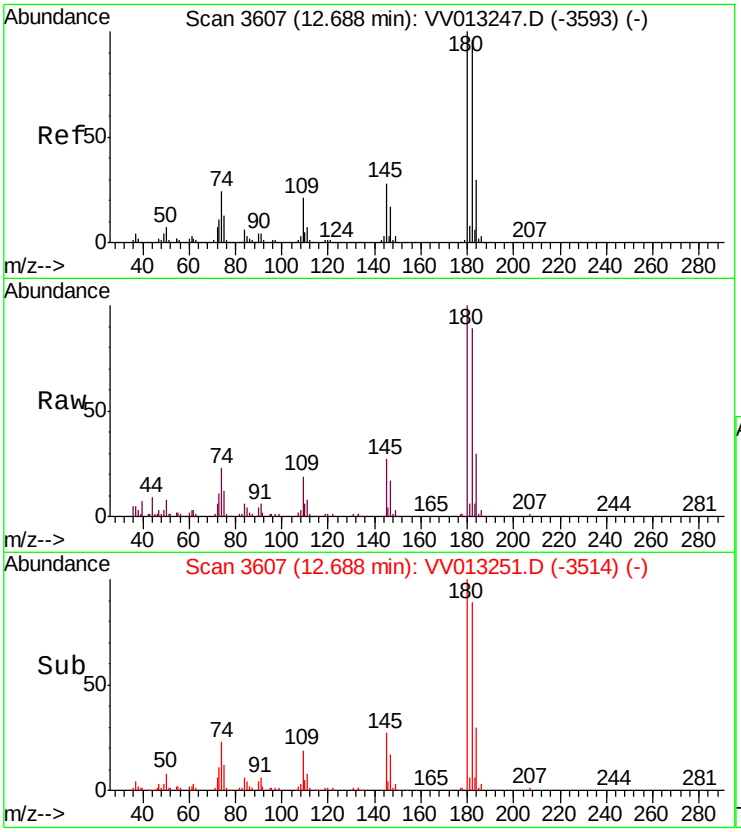


#66
1,2-Dibromo-3-chloropropane
Concen: 0.649 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion: 75 Resp: 3064

Ion	Ratio	Lower	Upper
75	100		
155	96.2	69.3	103.9
157	114.3	94.3	141.5



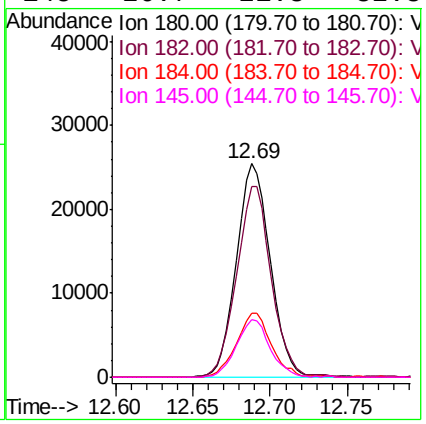


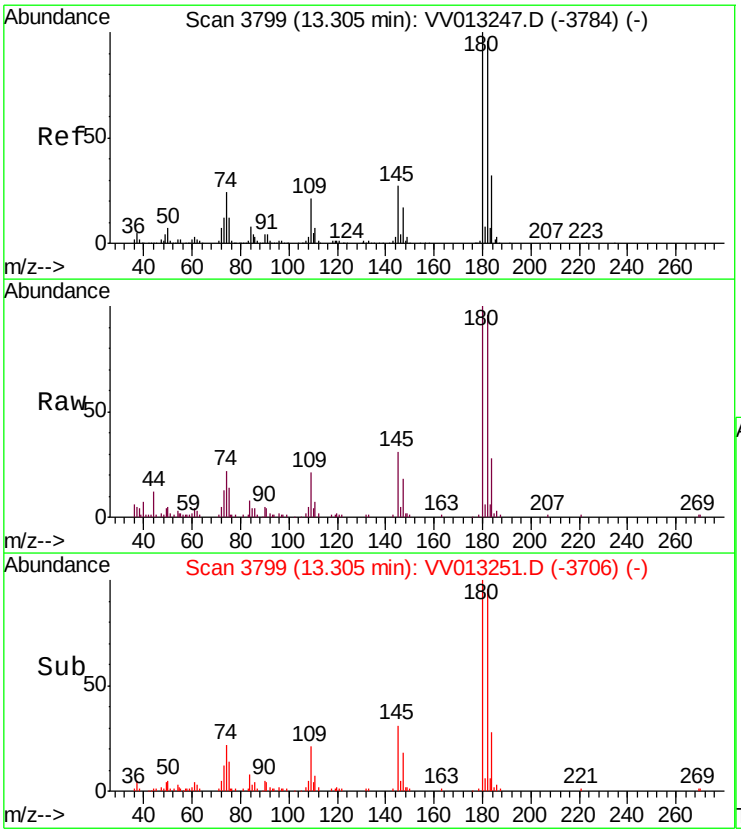
#67
1,3,5-Trichlorobenzene
Concen: 0.584 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:180 Resp: 38831

Ion	Ratio	Lower	Upper
180	100		
182	91.7	76.2	114.2
184	30.8	24.0	36.0
145	26.7	21.8	32.8

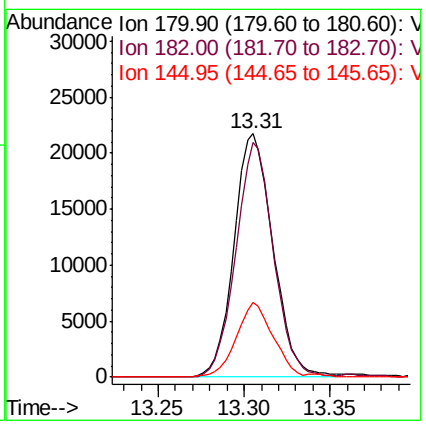


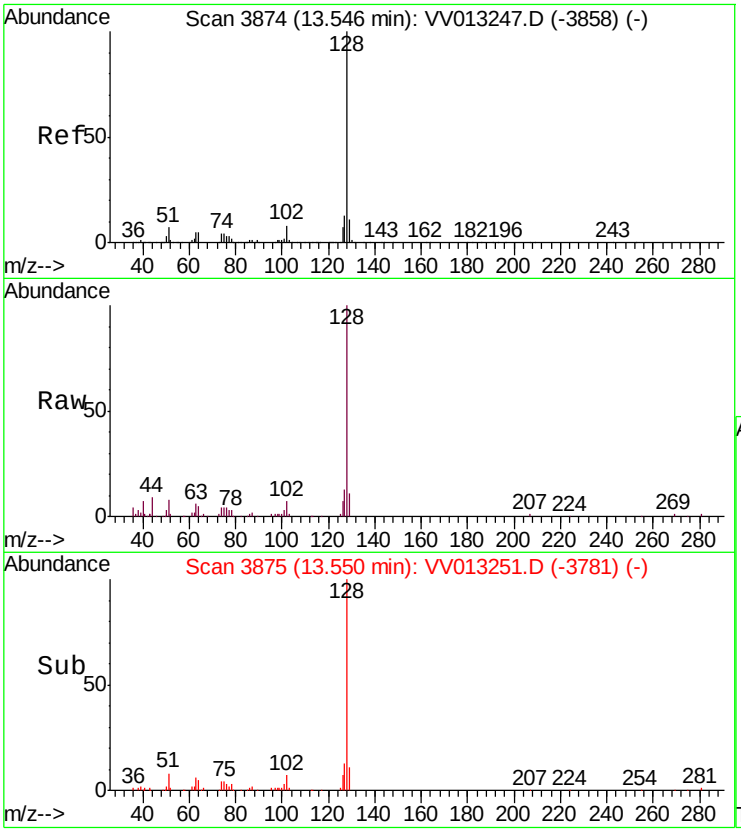


#68
1,2,4-trichlorobenzene
Concen: 0.601 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:180 Resp: 34337

Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.7	115.1
145	28.9	22.1	33.1



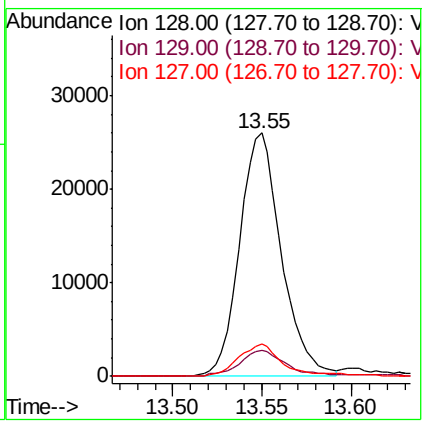


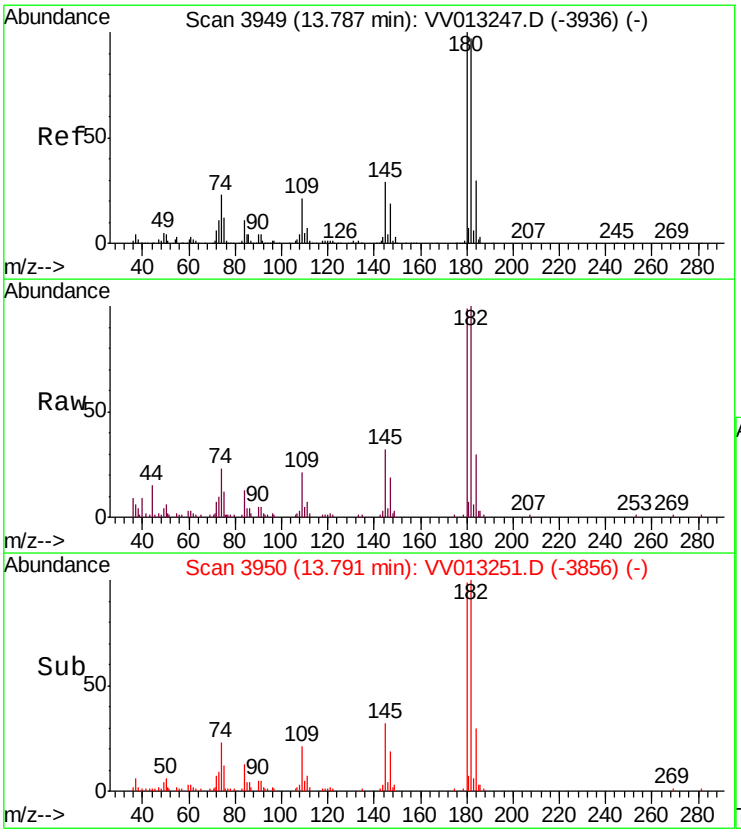
#69
Naphthalene
Concen: 0.545 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:128 Resp: 42568

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	13.2	10.4	15.6





#70
1,2,3-Trichlorobenzene
Concen: 0.565 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013251.D
Acq: 21 Oct 2019 18:09

Tgt Ion:180 Resp: 30324

Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.5	114.7
145	30.1	23.5	35.3