Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021219\

Quantitation Report (Not Reviewed)

Data File : VV009282.D
Acq On : 12 Feb 2019 12:20
Operator : SY/MD
Sample : VSTD2.561
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD2.561

Quant Time: Feb 13 07:18:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021219S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 13 07:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	203779	25.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	193958	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91863	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	9504	4.51	ug/L		0.00
7) Chloroethane-d5	1.58	69	6898	4.27	ug/L		0.00
10) 1,1-Dichloroethene-d2	2.13	63	19623	3.65	ug/L		0.00
20) 2-Butanone-d5	3.98	46	3321	3.40	ug/L		0.03
24) Chloroform-d	4.40	84	16036	3.22	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	9765	3.51	ug/L		0.00
29) Benzene-d6	5.10	84	30092	2.99	ug/L		0.00
33) 1,2-Dichloropropane-d6	6.12	67	9704	3.30	ug/L		0.00
37) Toluene-d8	7.36	98	26163	2.77	ug/L		0.00
38) trans-1,3-Dichloropropene-	7.67	79	4054	2.86	ug/L		0.00
39) 2-Hexanone-d5	8.15	63	3729	6.16	ug/L		0.02
48) 1,1,2,2-Tetrachloroethane-	10.26	84	9312	3.20	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	8725	2.52	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	11437	3.414	ug/L		98
3) Chloromethane	1.25	50	12160	4.845	ug/L		100
5) Vinyl chloride	1.32	62	11029	4.302	ug/L	#	77
6) Bromomethane	1.54	94	6243	3.680	ug/L		94
8) Chloroethane	1.60	64	6426	4.396	ug/L		87
9) Trichlorofluoromethane	1.77	101	14263	3.138	ug/L		91
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	8768	3.116	ug/L		93
12) 1,1-Dichloroethene	2.14	96	8503	3.445	ug/L		94
13) Acetone	2.23	43	12082	8.716	ug/L		99
14) Carbon disulfide	2.31	76	30959	3.755	ug/L		98
15) Methyl Acetate	2.48	43	7253	4.375	ug/L	#	89
16) Methylene chloride	2.53	84	15235	5.025	ug/L		95
17) Methyl tert-butyl Ether	2.81	73	20024	3.052	ug/L		97
18) trans-1,2-Dichloroethene	2.79	96	8961	3.200	ug/L		92
19) 1,1-Dichloroethane	3.23	63	17166	3.641	ug/L		93
21) 2-Butanone	4.06	43	8551	5.994	ug/L	#	61
22) cis-1,2-Dichloroethene	3.96	96	8718	2.961	ug/L		95
23) Bromochloromethane	4.30	128	4059	2.935	ug/L	#	92
25) Chloroform	4.43	83	16954	3.436	ug/L		95
27) 1,2-Dichloroethane	5.18	62	11349	3.278	ug/L	#	94
30) Cyclohexane	4.72	56	14974	3.281	ug/L		99
31) 1,1,1-Trichloroethane	4.66	97	14925	3.192	ug/L	#	76
32) Carbon tetrachloride	4.87	117	13035	3.069	ug/L		99
34) Benzene	5.15	78	34067	3.144	ug/L		100
35) Trichloroethene	5.96	95	9256	3.022	ug/L		94
36) Methylcyclohexane	6.17	83	15233	2.973	ug/L		99
40) 1,2-Dichloropropane	6.22	63	8435	3.106	ug/L		99
41) Bromodichloromethane	6.56	83	11706	3.210	ug/L		94
42) cis-1,3-Dichloropropene	7.07	75	12627	3.063	ug/L		98
43) 4-Methyl-2-pentanone	7.29	43	16169	7.038	ug/L	#	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021219\

Quantitation Report (Not Reviewed)

Data File : VV009282.D
Acq On : 12 Feb 2019 12:20
Operator : SY/MD
Sample : VSTD2.561
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD2.561

Quant Time: Feb 13 07:18:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021219S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 13 07:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	7.43	91	33201	2.854	ug/L		97
45) trans-1,3-Dichloropropene	7.69	75	11103	3.013	ug/L		96
46) 1,1,2-Trichloroethane	7.88	97	6957	3.033	ug/L		95
47) Tetrachloroethene	8.02	164	6859	2.677	ug/L		95
49) 2-Hexanone	8.20	43	12808	6.796	ug/L	#	94
50) Dibromochloromethane	8.29	129	7579	2.753	ug/L		99
51) 1,2-Dibromoethane	8.40	107	7131	3.063	ug/L	#	97
52) Chlorobenzene	8.93	112	23218	2.975	ug/L		96
53) Ethylbenzene	9.06	91	37136	2.842	ug/L		97
54) m,p-Xylene	9.18	106	13303	2.674	ug/L		95
55) o-xylene	9.59	106	12930	2.741	ug/L		92
56) Styrene	9.61	104	19951	2.523	ug/L		95
57) Isopropylbenzene	9.98	105	33865	2.620	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	9996	3.362	ug/L		94
59) 1,2,3-Trichloropropane	10.32	75	7998	3.381	ug/L		98
62) Bromoform	9.78	173	4585	2.832	ug/L	#	94
63) 1,3-Dichlorobenzene	11.23	146	17558	2.980	ug/L		94
64) 1,4-Dichlorobenzene	11.32	146	17632	2.932	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	15641	2.798	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	2058	3.698	ug/L		93
67) 1,3,5-Trichlorobenzene	12.69	180	12000	2.574	ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	8578	2.298	ug/L		97
69) Naphthalene	13.56	128	14108	1.905	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	7300	2.121	ug/L		95

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

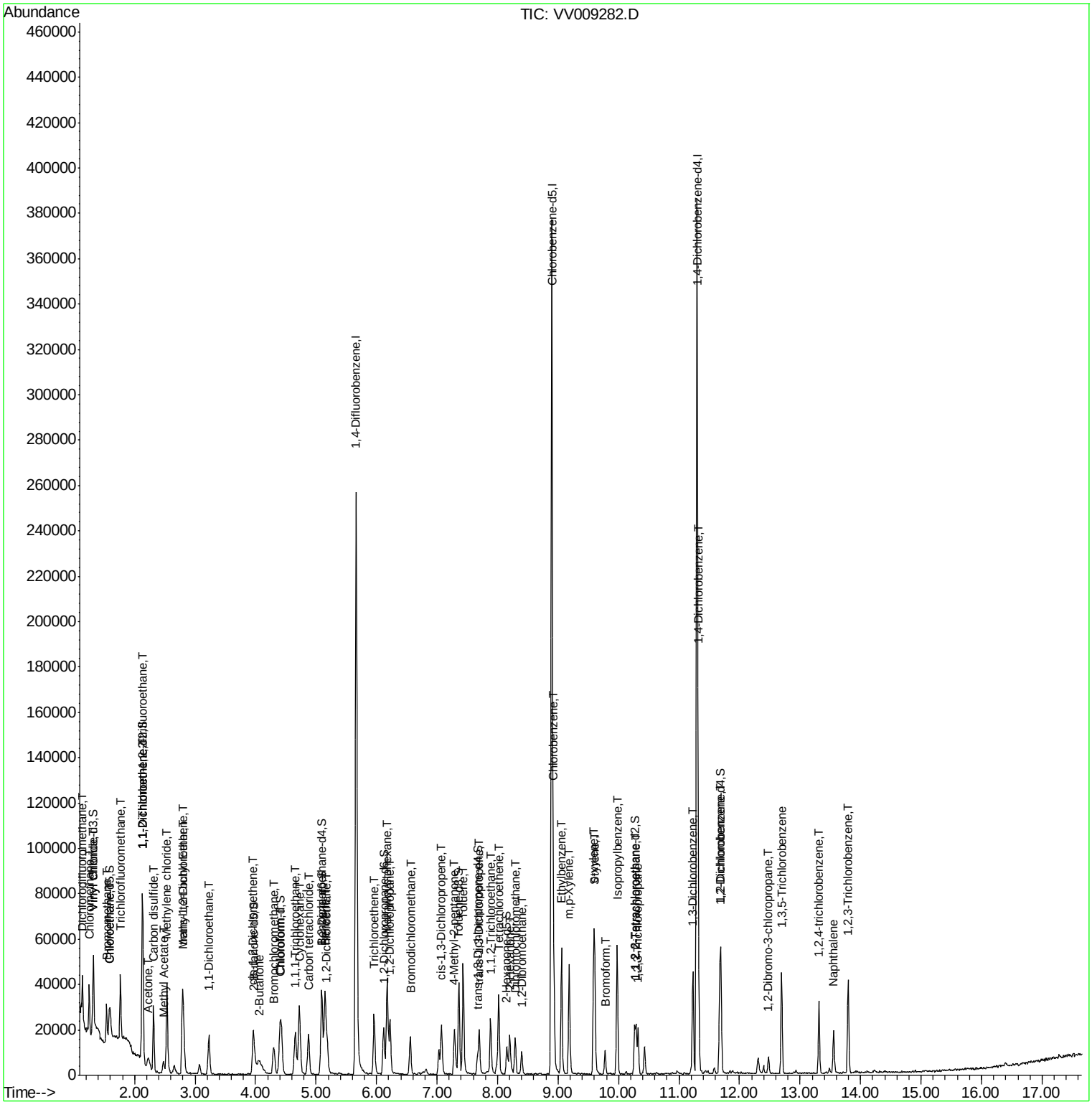
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021219\

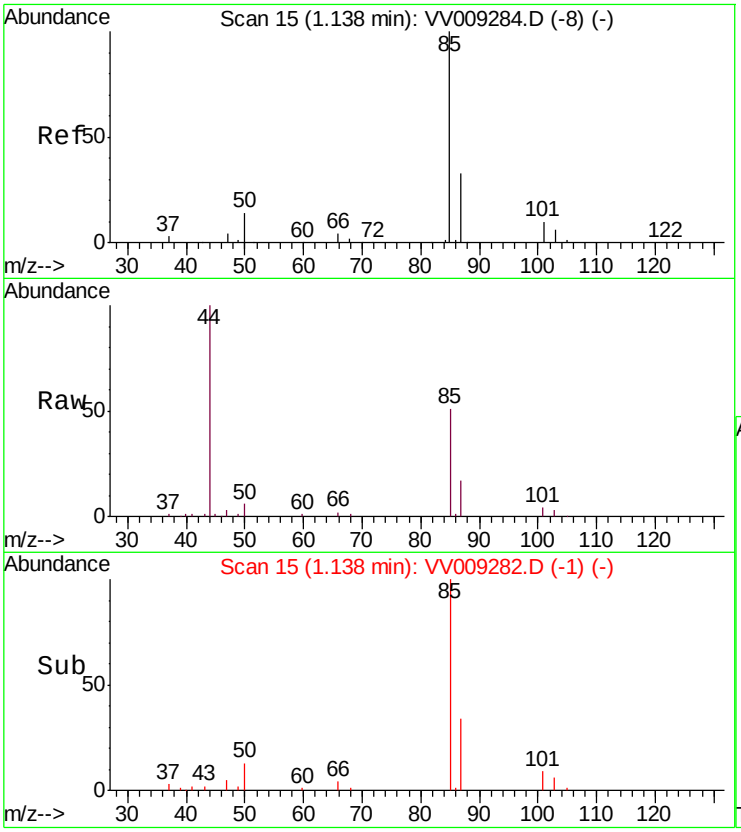
Quantitation Report (Not Reviewed)

Data File : VV009282.D
Acq On : 12 Feb 2019 12:20
Operator : SY/MD
Sample : VSTD2.561
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Quant Time: Feb 13 07:18:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021219S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 13 07:15:20 2019
Response via : Initial Calibration



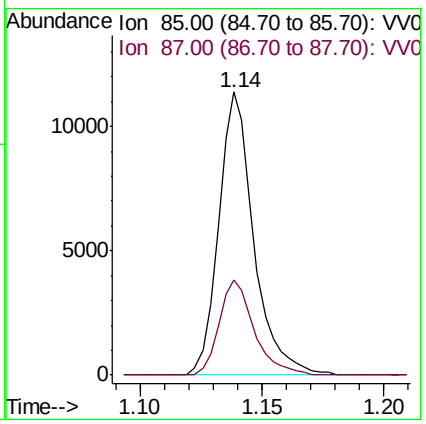


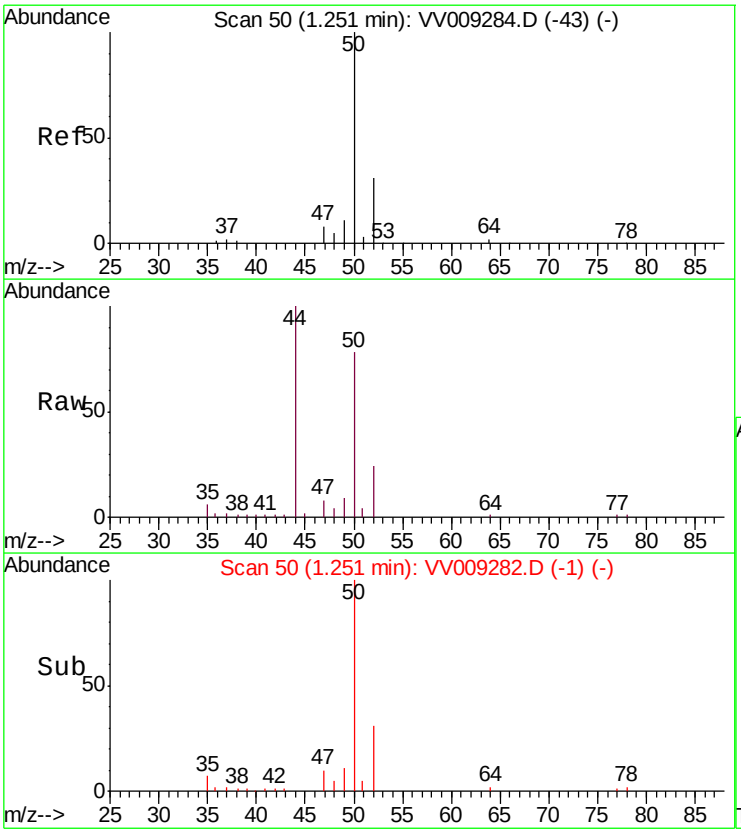
#2
Dichlorodifluoromethane
Concen: 3.414 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 85 Resp: 11437

Ion	Ratio	Lower	Upper
85	100		
87	33.6	22.7	42.3

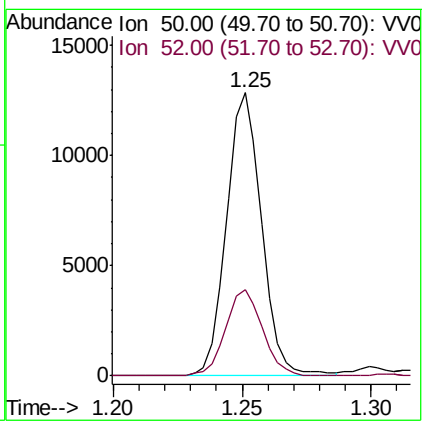


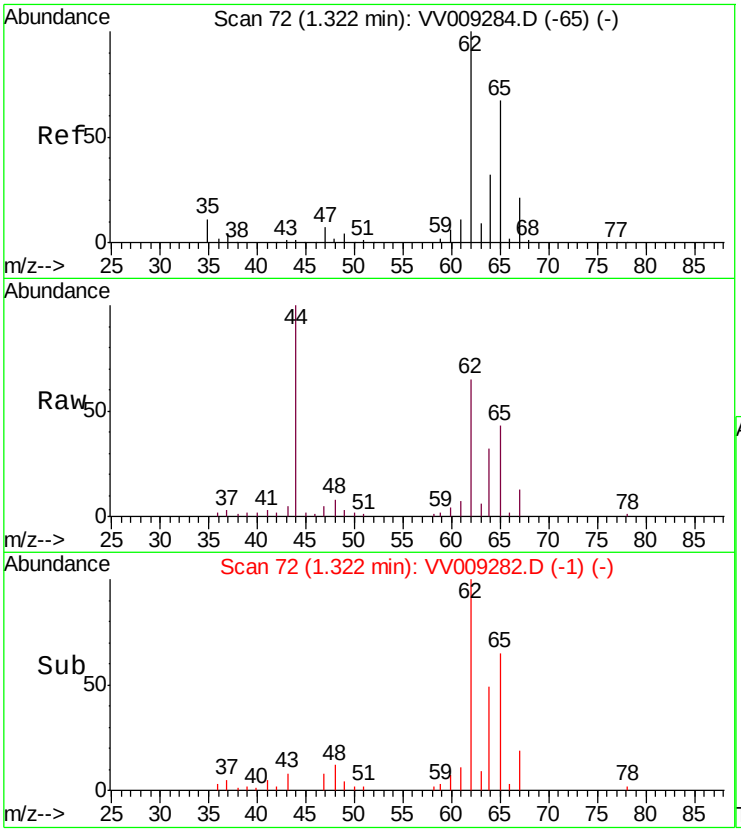


#3
Chloromethane
Concen: 4.845 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 50 Resp: 12160

Ion	Ratio	Lower	Upper
50	100		
52	30.6	21.5	39.9



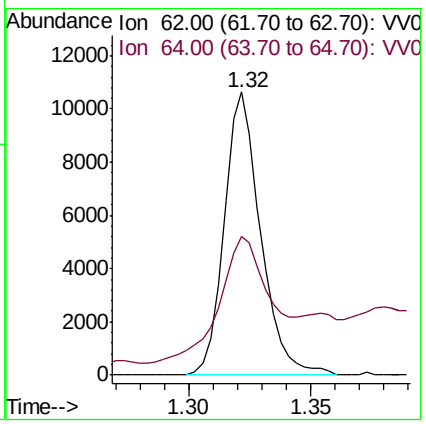


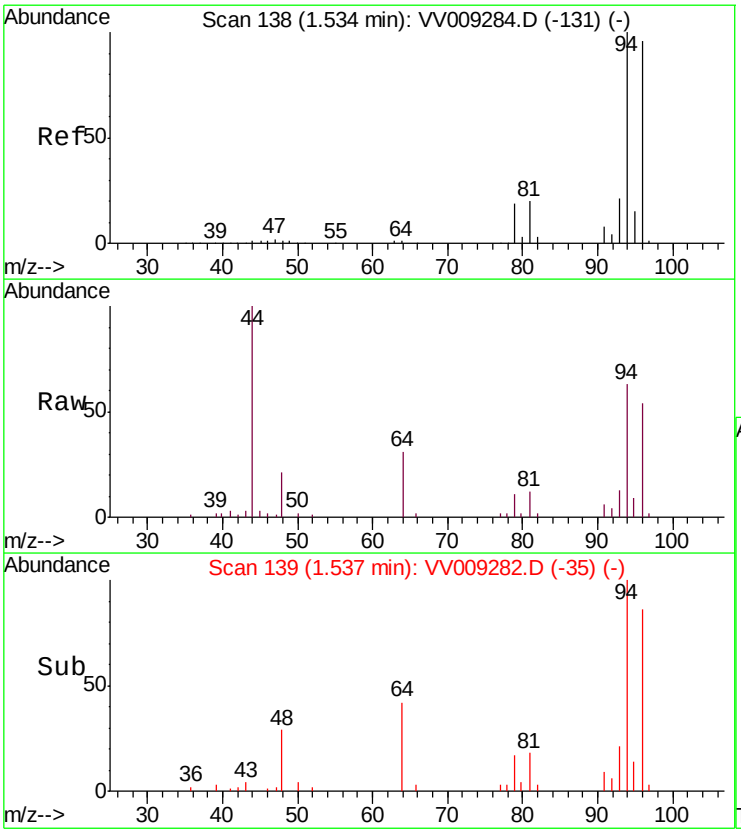
#5
Vinyl chloride
Concen: 4.302 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 62 Resp: 11029

Ion	Ratio	Lower	Upper
62	100		
64	49.0	24.9	46.3#

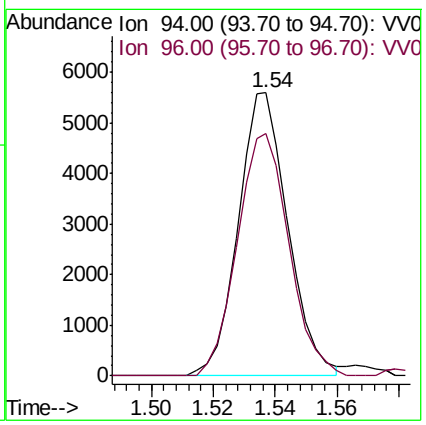


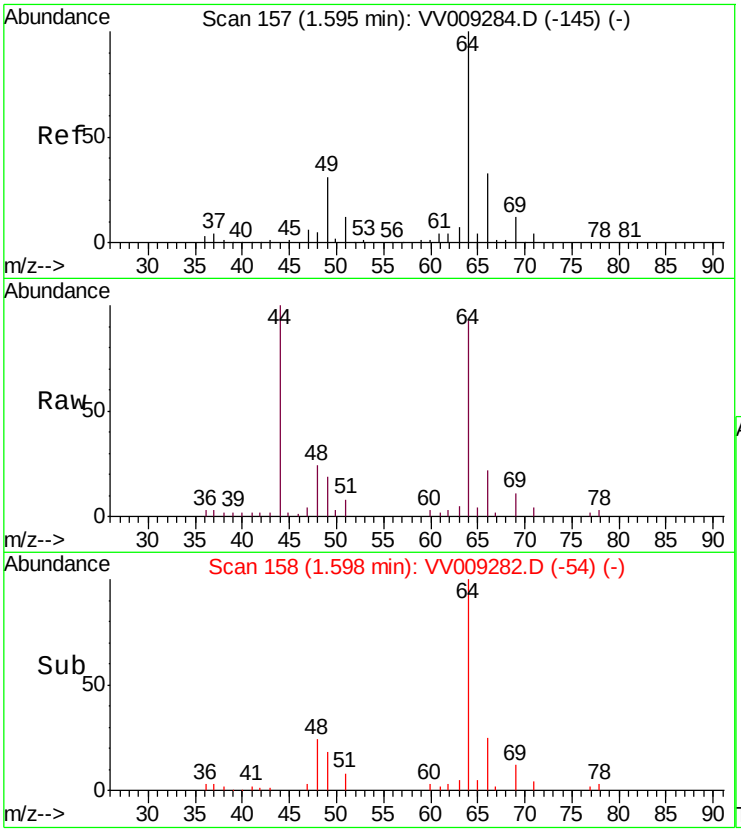


#6
Bromomethane
Concen: 3.680 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 94 Resp: 6243

Ion	Ratio	Lower	Upper
94	100		
96	89.0	9.5	179.7



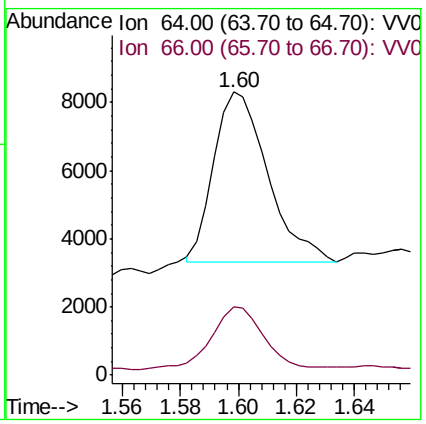


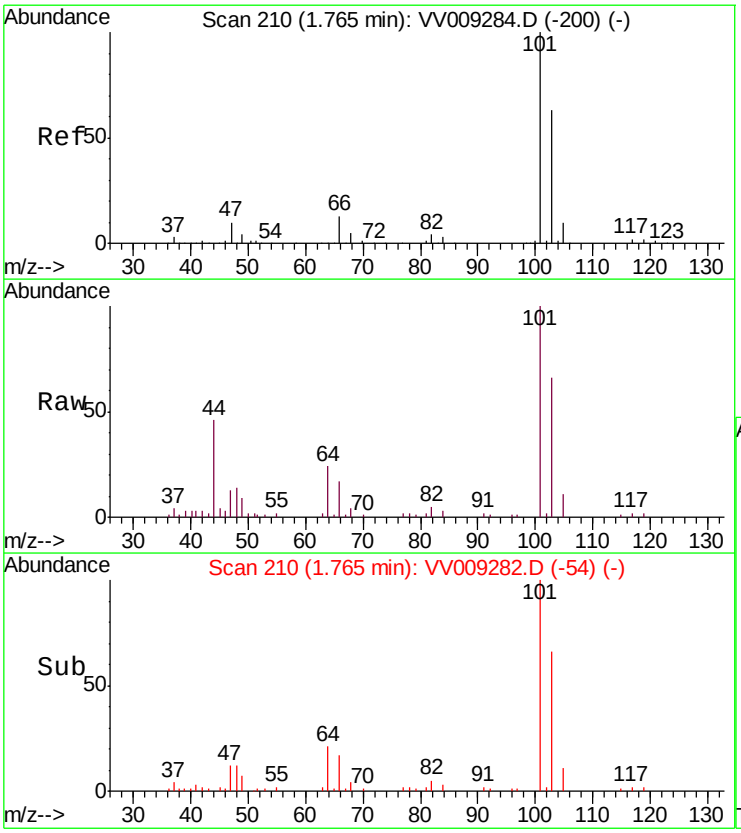
#8
Chloroethane
Concen: 4.396 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 64 Resp: 6426

Ion	Ratio	Lower	Upper
64	100		
66	24.0	21.9	40.7

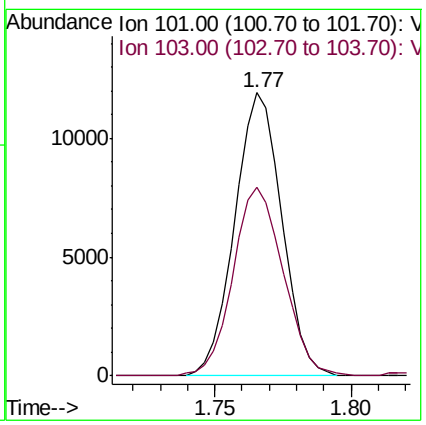


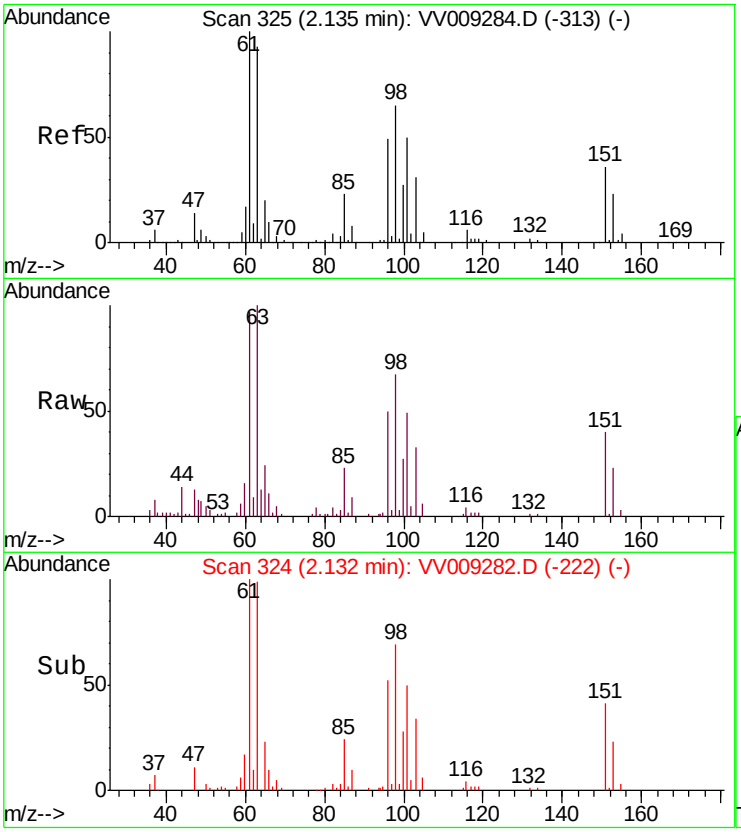


#9
Trichlorofluoromethane
Concen: 3.138 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:101 Resp: 14263

Ion	Ratio	Lower	Upper
101	100		
103	71.0	44.6	82.8



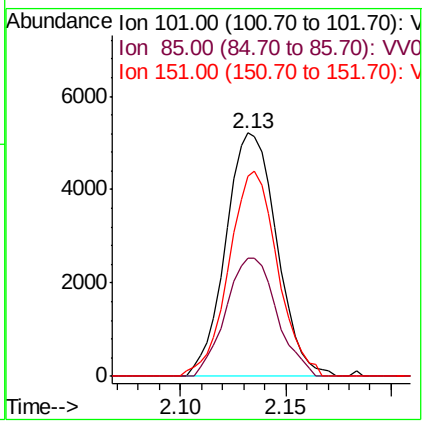


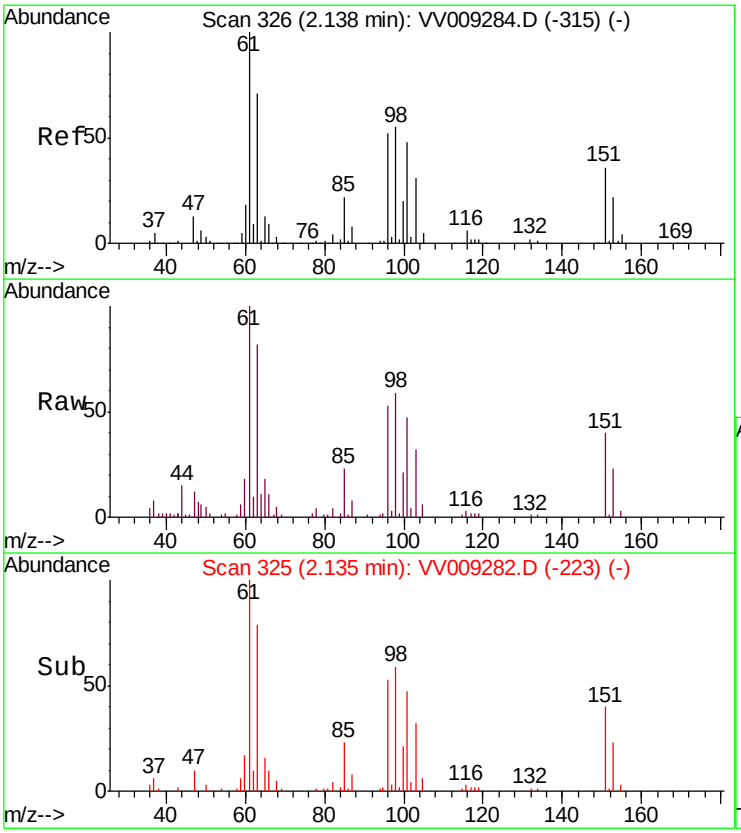
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.116 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion:101 Resp: 8768

Ion	Ratio	Lower	Upper
101	100		
85	48.2	36.5	54.7
151	80.5	58.4	87.6

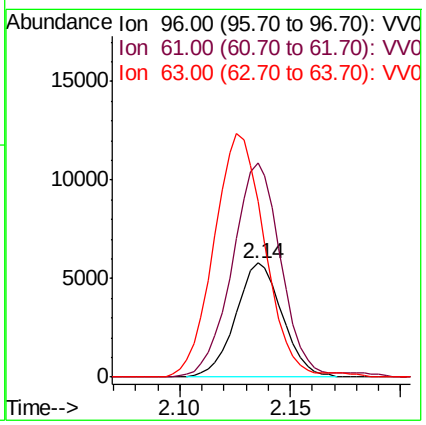


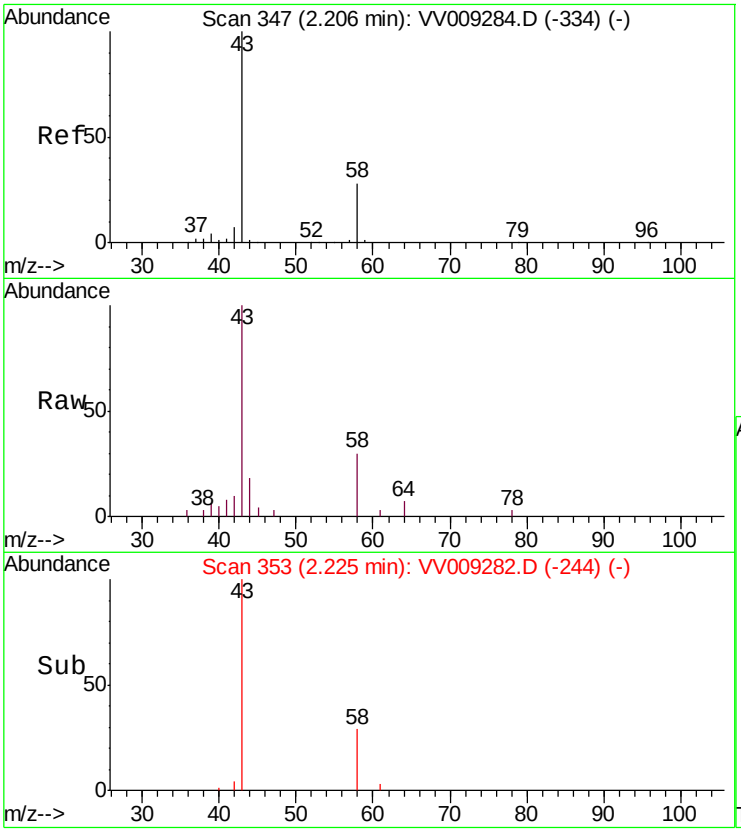


#12
1,1-Dichloroethene
Concen: 3.445 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 96 Resp: 8503

Ion	Ratio	Lower	Upper
96	100		
61	187.8	136.3	253.1
63	153.7	100.0	185.8



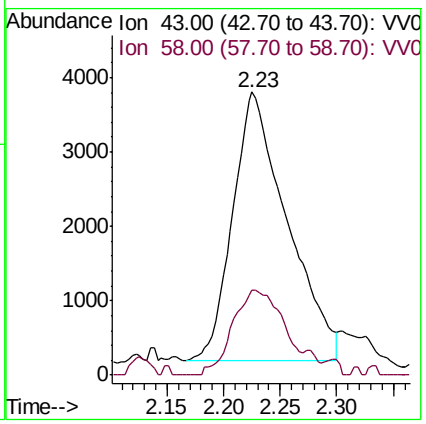


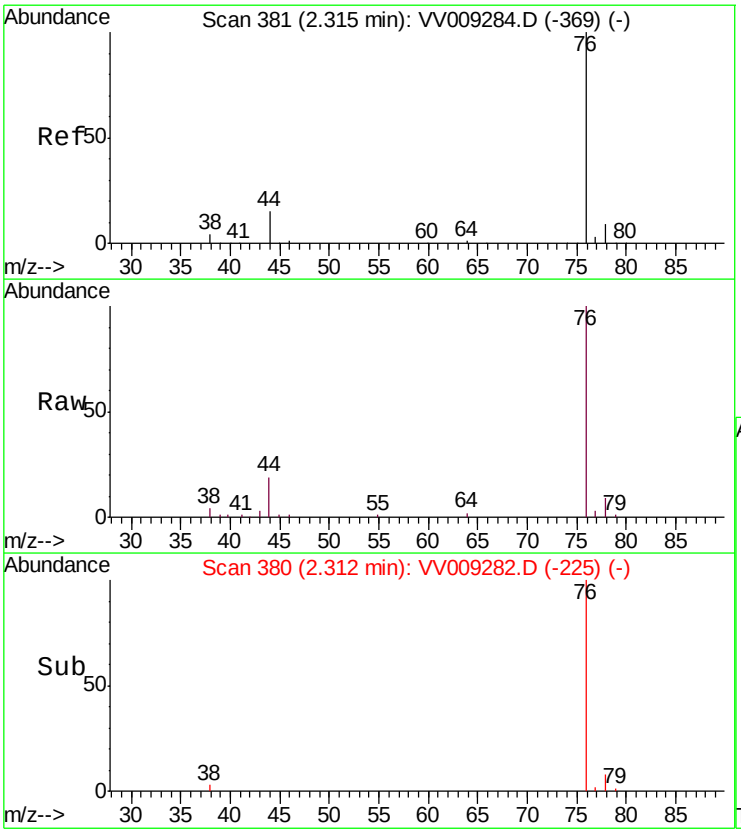
#13
Acetone
Concen: 8.716 ug/L
RT: 2.23 min Scan# 353
Delta R.T. 0.02 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 43 Resp: 12082

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	57.4

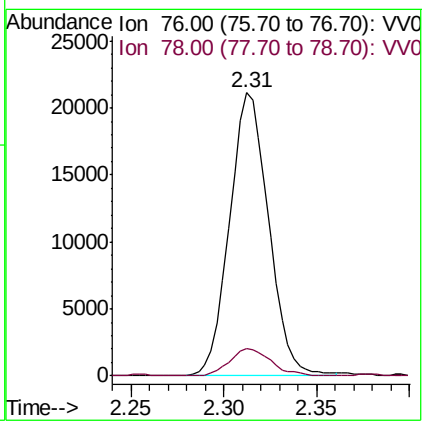


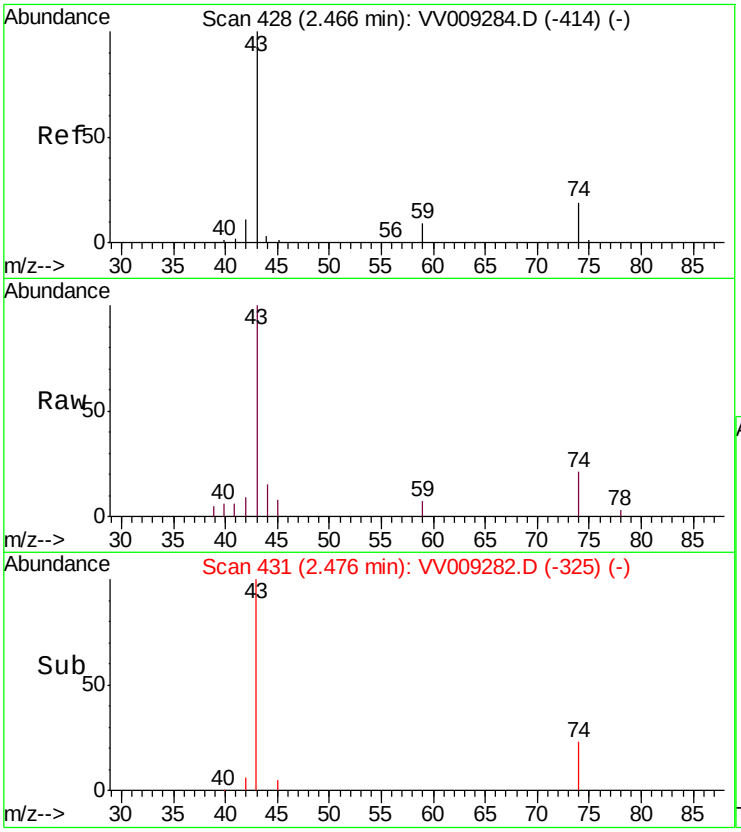


#14
Carbon disulfide
Concen: 3.755 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 76 Resp: 30959

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6



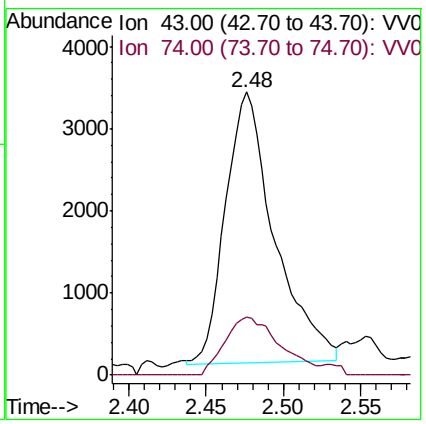


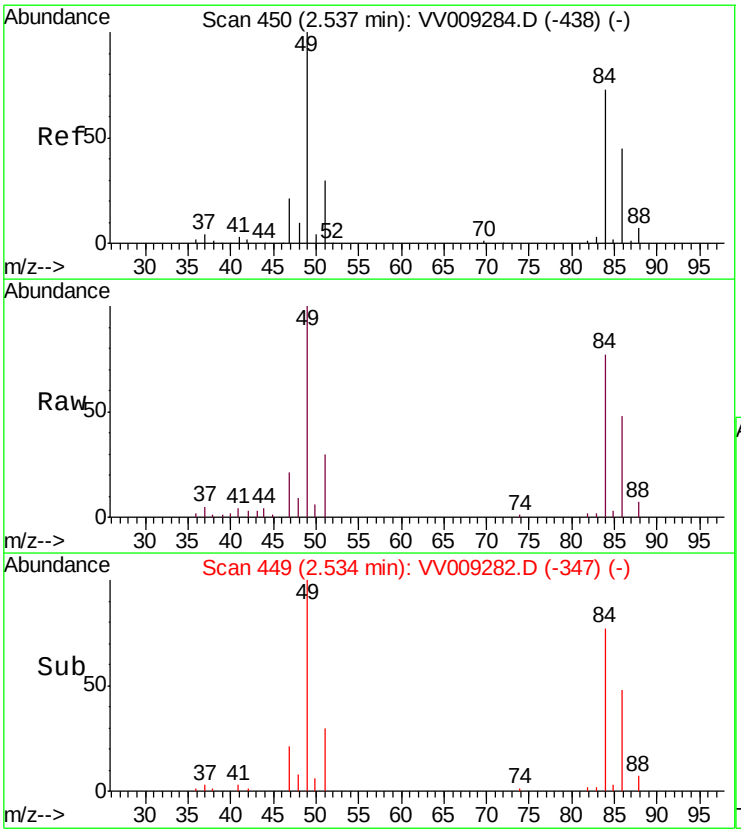
#15
Methyl Acetate
Concen: 4.375 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.01 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument : MSVOA_V
ClientSampleId : VSTD2.561

Tgt Ion: 43 Resp: 7253

Ion	Ratio	Lower	Upper
43	100		
74	13.8	14.8	22.2#

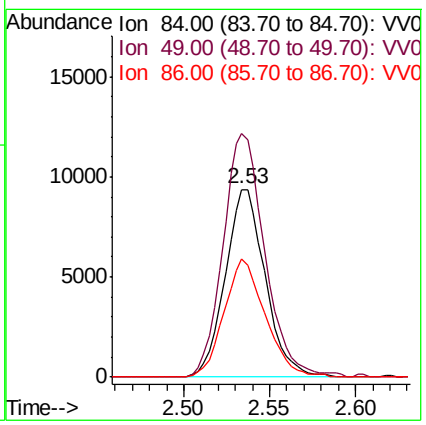


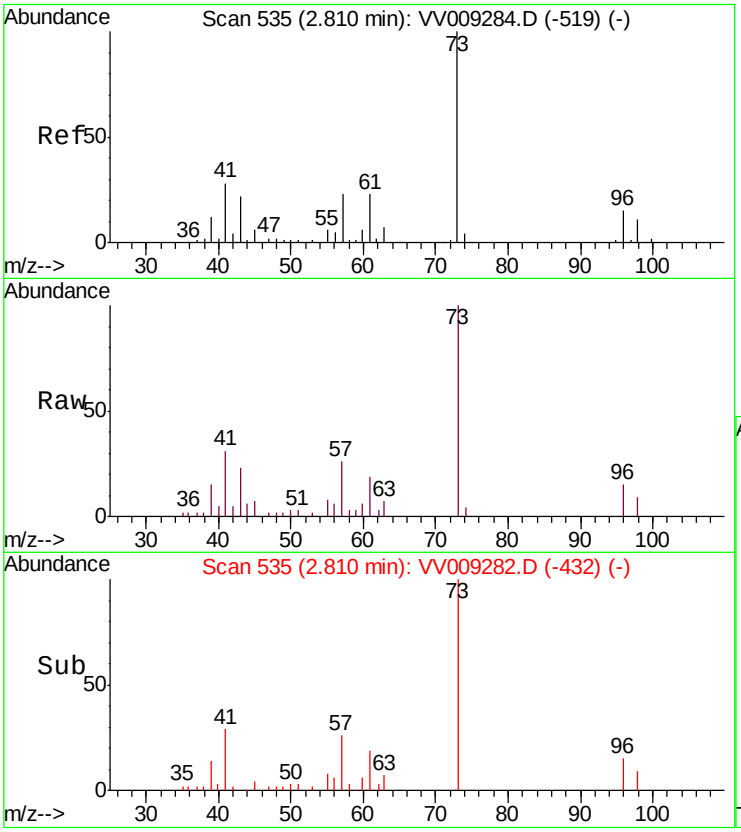


#16
Methylene chloride
Concen: 5.025 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 84 Resp: 15235

Ion	Ratio	Lower	Upper
84	100		
49	129.8	96.2	178.6
86	62.9	43.5	80.7



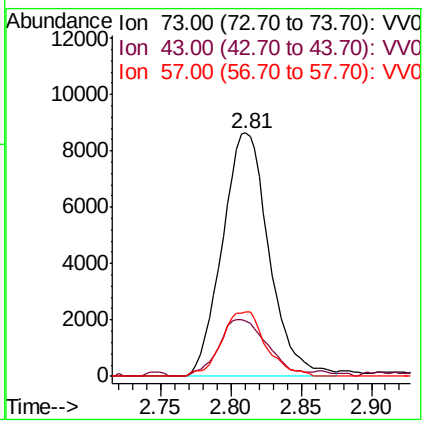


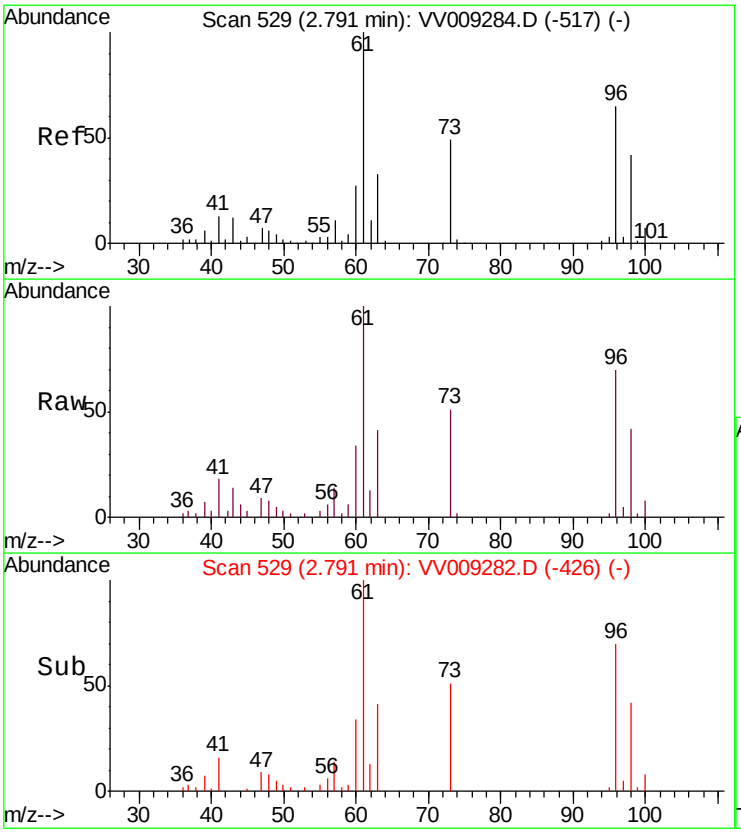
#17
Methyl tert-butyl Ether
Concen: 3.052 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 73 Resp: 20024

Ion	Ratio	Lower	Upper
73	100		
43	24.3	18.3	27.5
57	25.2	18.8	28.2

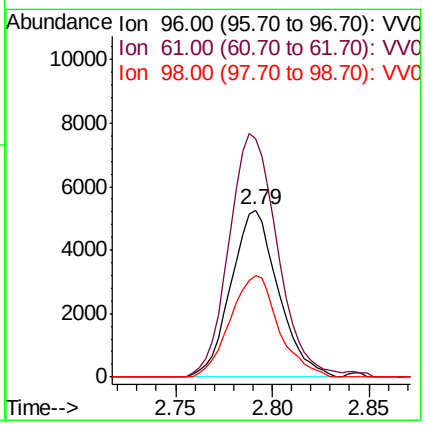


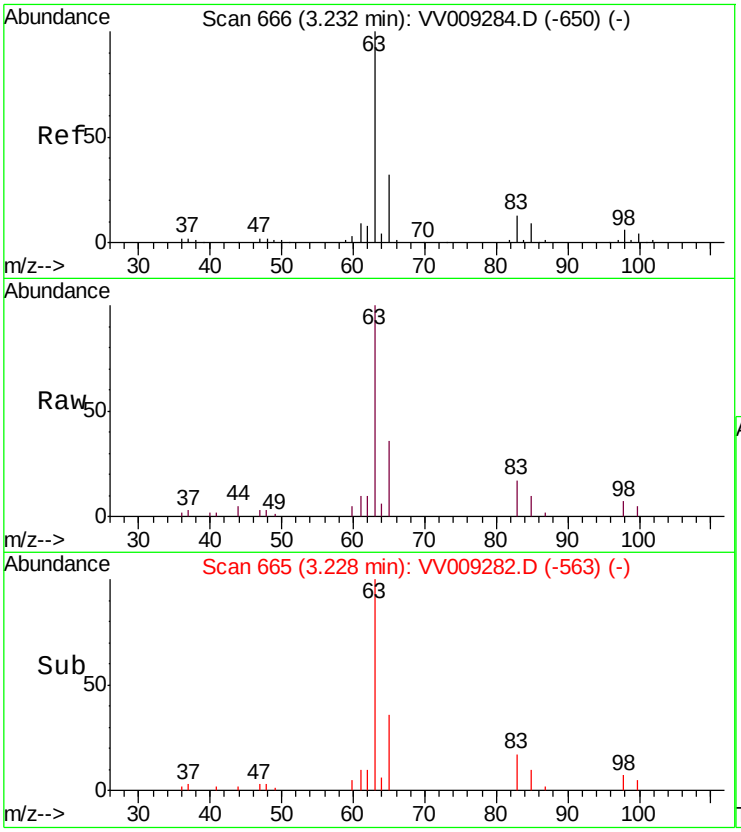


#18
trans-1,2-Dichloroethene
Concen: 3.200 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 96 Resp: 8961

Ion	Ratio	Lower	Upper
96	100		
61	142.7	108.4	201.2
98	60.5	45.0	83.6



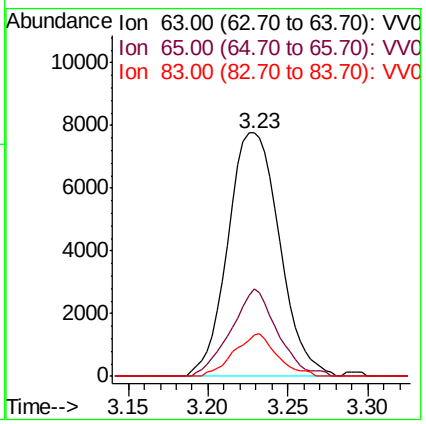


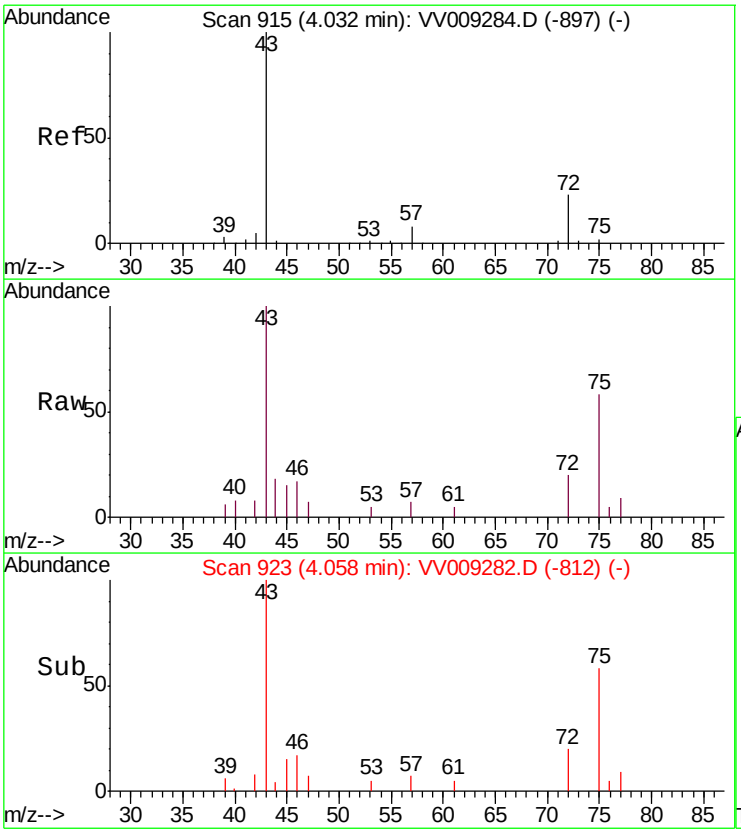
#19
1,1-Dichloroethane
Concen: 3.641 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument : MSVOA_V
ClientSampleId : VSTD2.561

Tgt Ion: 63 Resp: 17166

Ion	Ratio	Lower	Upper
63	100		
65	35.8	22.5	41.7
83	16.9	9.4	17.6

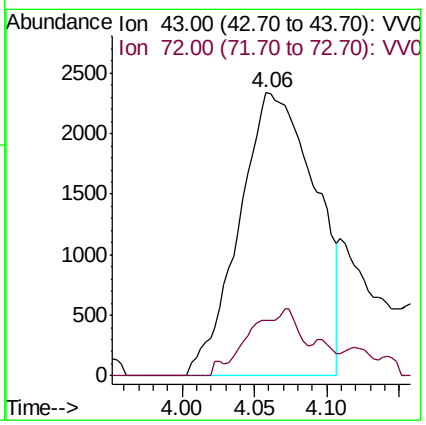


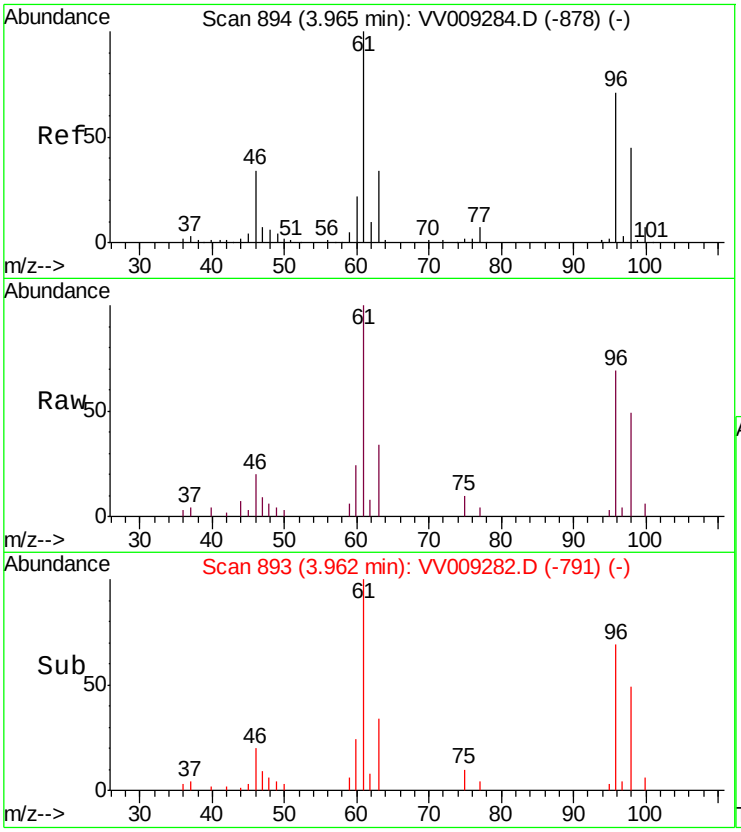


#21
2-Butanone
Concen: 5.994 ug/L
RT: 4.06 min Scan# 923
Delta R.T. 0.03 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 43 Resp: 8551

Ion	Ratio	Lower	Upper
43	100		
72	2.7	10.5	31.6#



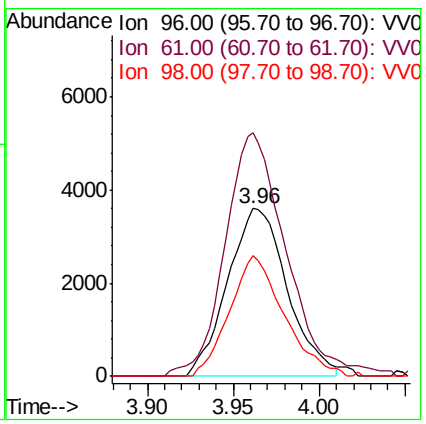


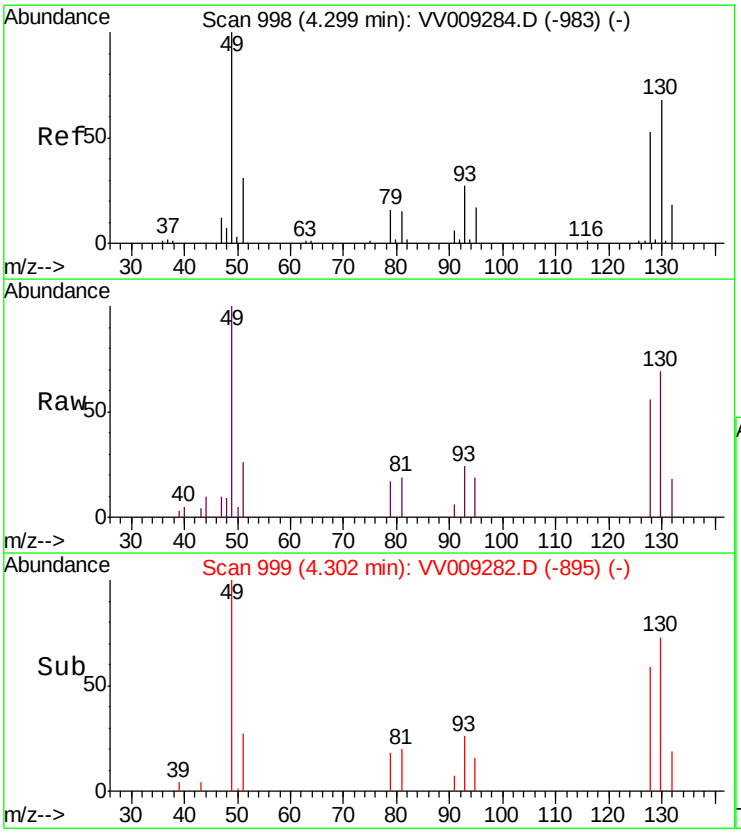
#22
cis-1,2-Dichloroethene
Concen: 2.961 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 96 Resp: 8718

Ion	Ratio	Lower	Upper
96	100		
61	145.2	99.3	184.5
98	71.8	44.4	82.4

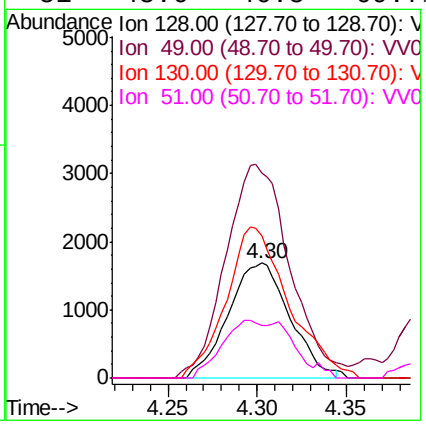


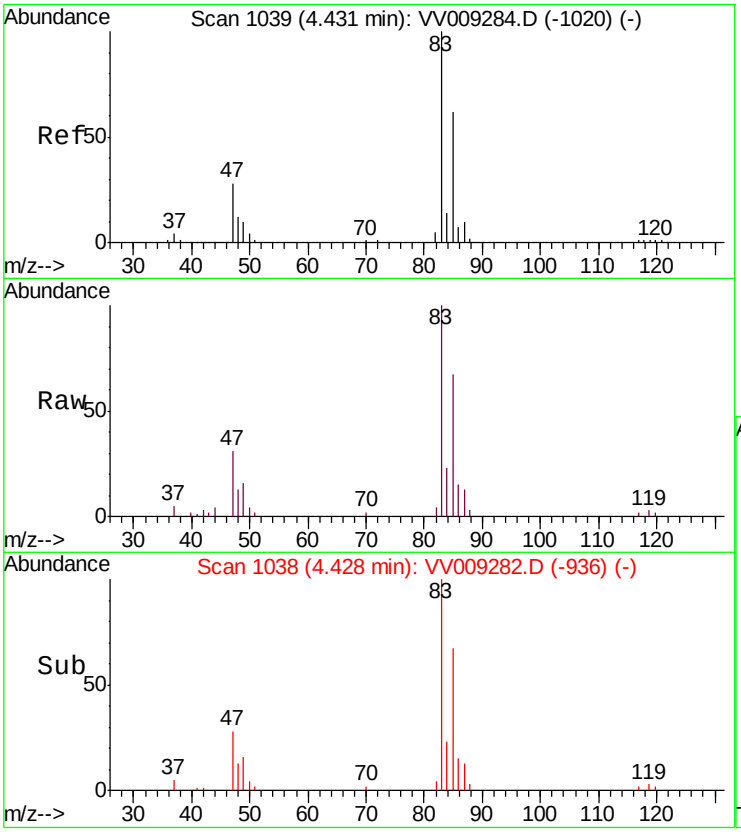


#23
Bromochloromethane
Concen: 2.935 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:128 Resp: 4059

Ion	Ratio	Lower	Upper
128	100		
49	178.2	132.6	246.2
130	123.0	89.0	165.2
51	45.6	46.5	69.7#



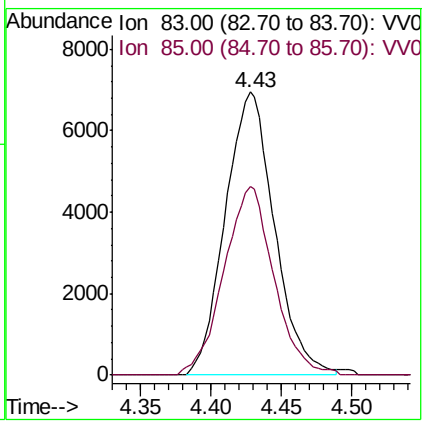


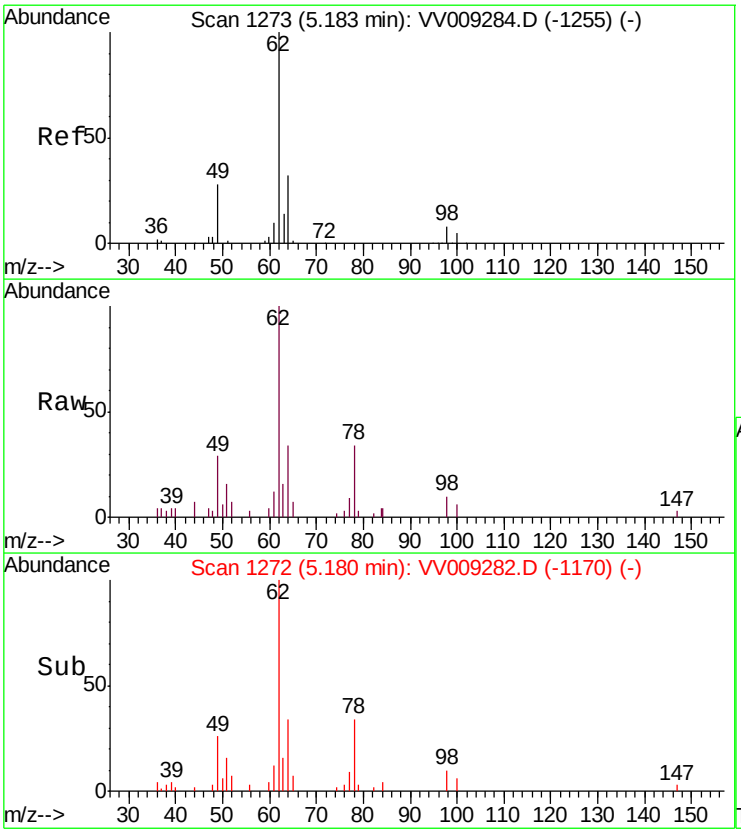
#25
Chloroform
Concen: 3.436 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 83 Resp: 16954

Ion	Ratio	Lower	Upper
83	100		
85	67.6	44.9	83.3

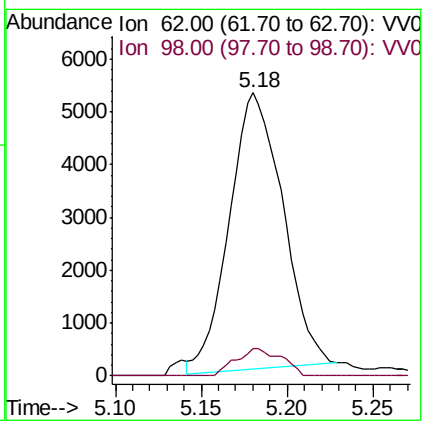


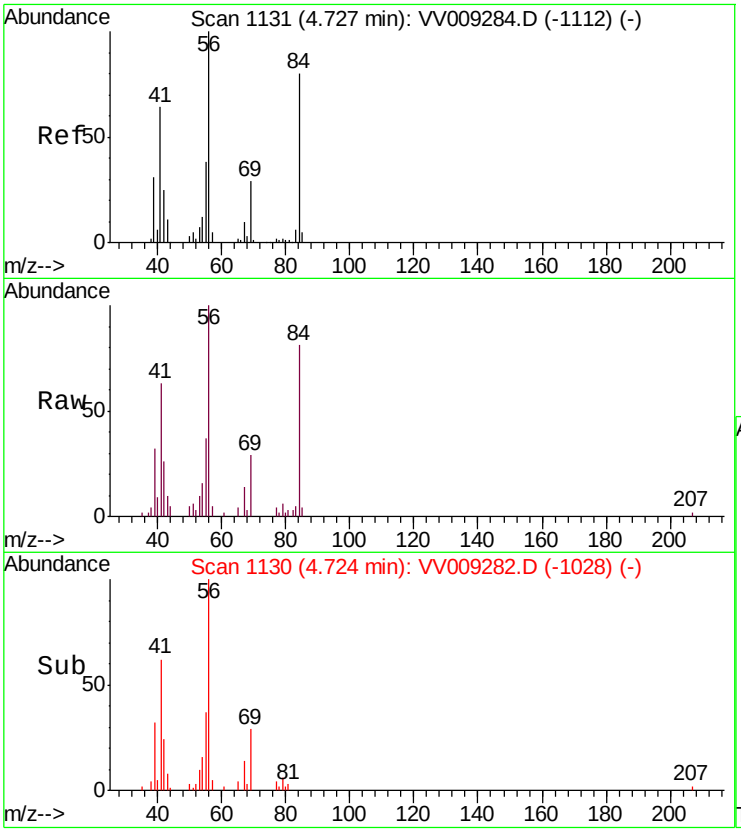


#27
1,2-Dichloroethane
Concen: 3.278 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 62 Resp: 11349

Ion	Ratio	Lower	Upper
62	100		
98	9.7	6.2	9.2#



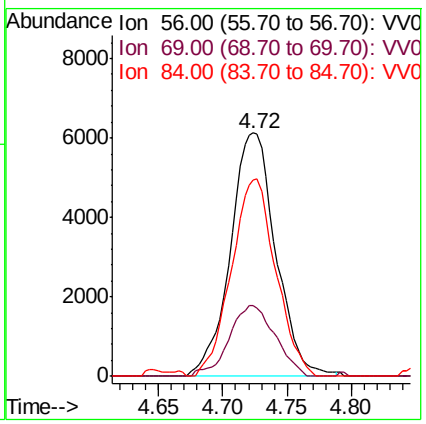


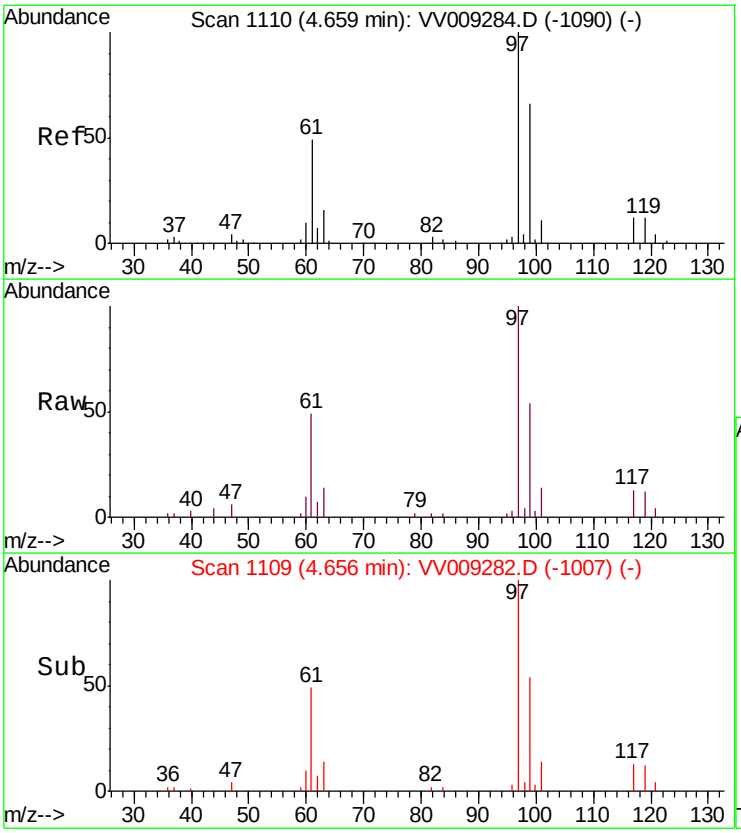
#30
Cyclohexane
Concen: 3.281 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument : MSVOA_V
ClientSampleId : VSTD2.561

Tgt Ion: 56 Resp: 14974

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.8	35.6
84	79.2	62.4	93.6

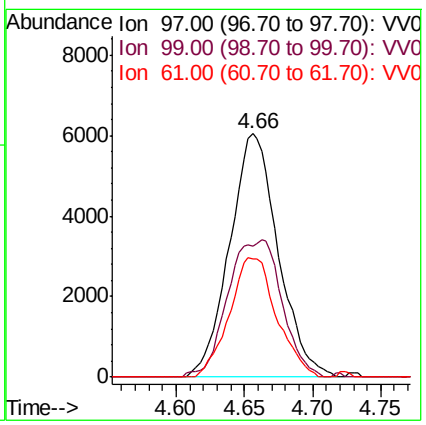


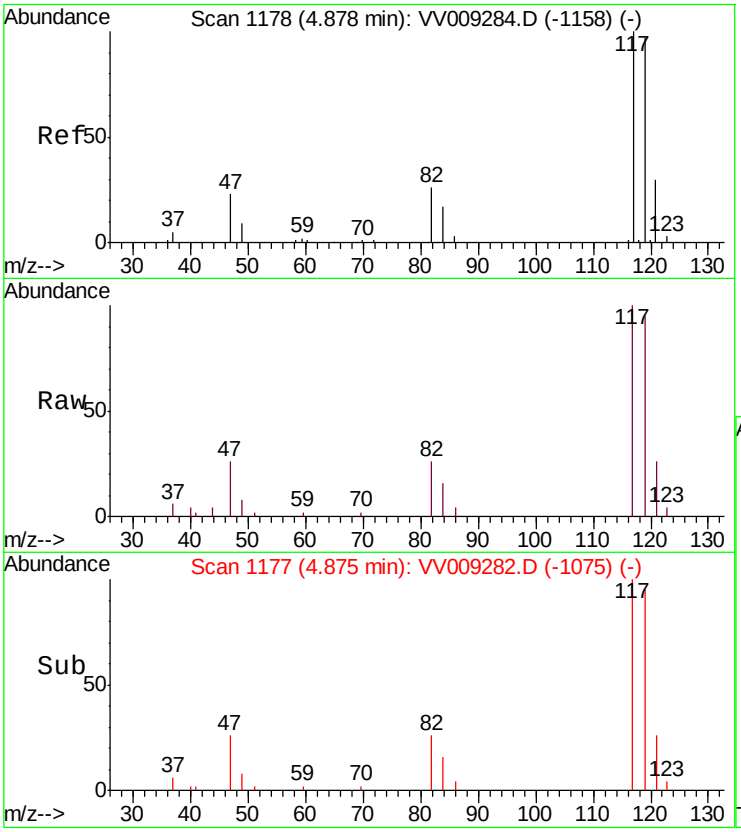


#31
1,1,1-Trichloroethane
Concen: 3.192 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 97 Resp: 14925

Ion	Ratio	Lower	Upper
97	100		
99	31.6	51.5	77.3#
61	47.7	39.0	58.4



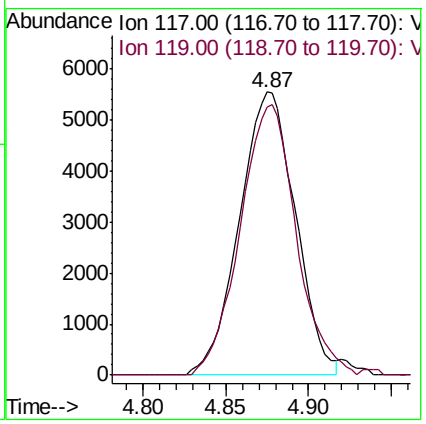


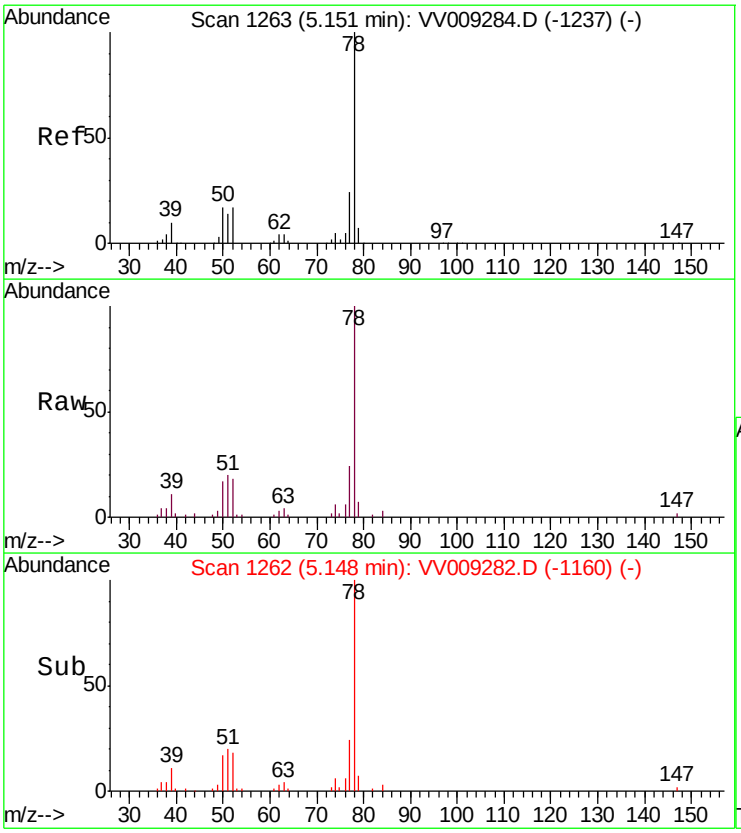
#32
Carbon tetrachloride
Concen: 3.069 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion:117 Resp: 13035

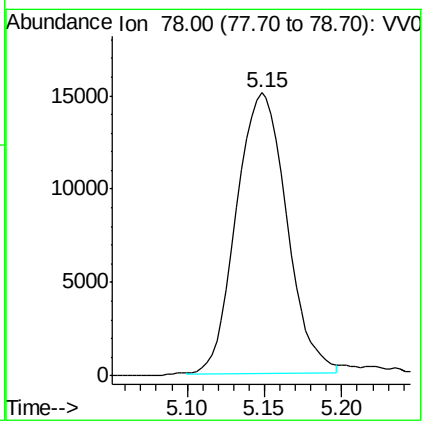
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.3	115.9

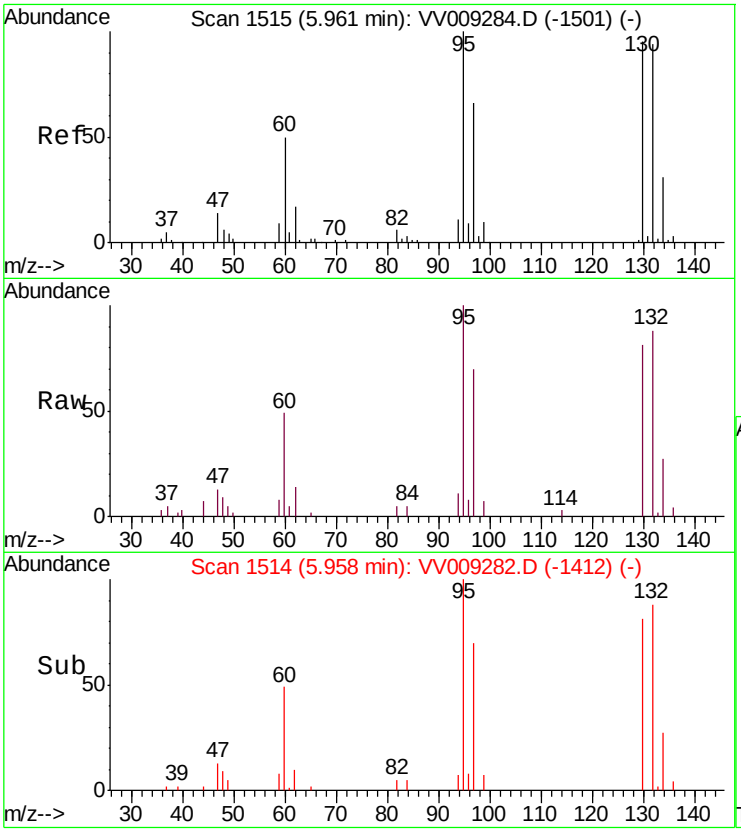




#34
Benzene
Concen: 3.144 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 78 Resp: 34067



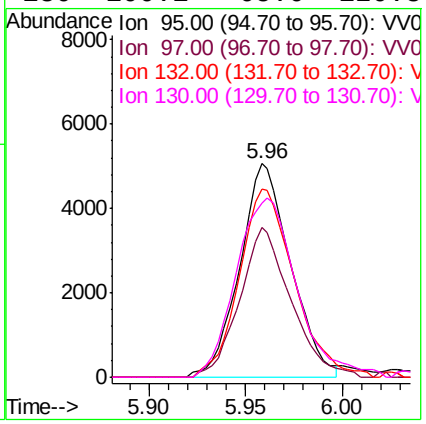


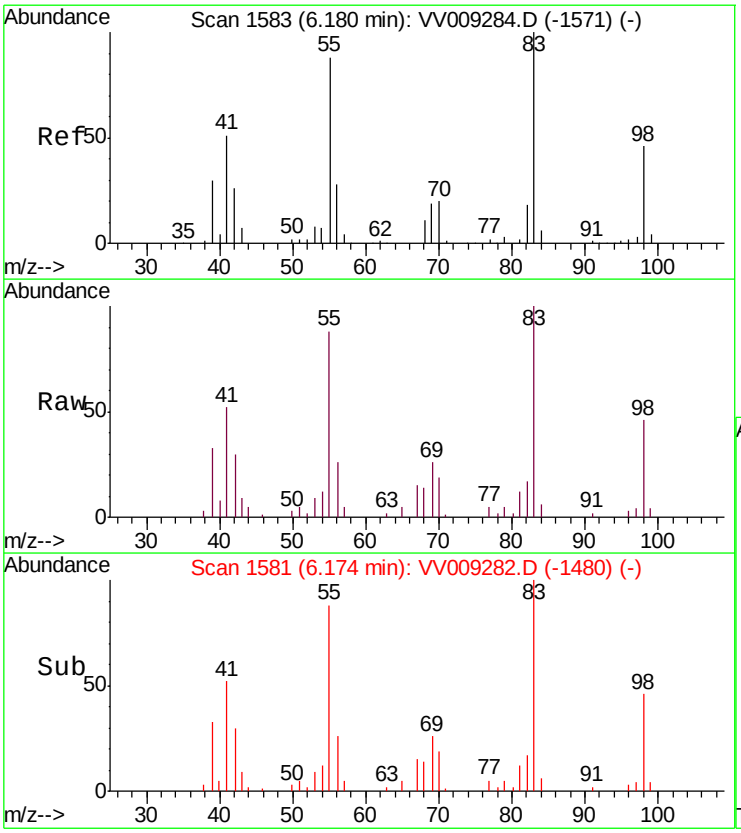
#35
Trichloroethene
Concen: 3.022 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 95 Resp: 9256

Ion	Ratio	Lower	Upper
95	100		
97	70.7	44.4	82.4
132	95.1	64.5	119.9
130	100.1	65.0	120.8

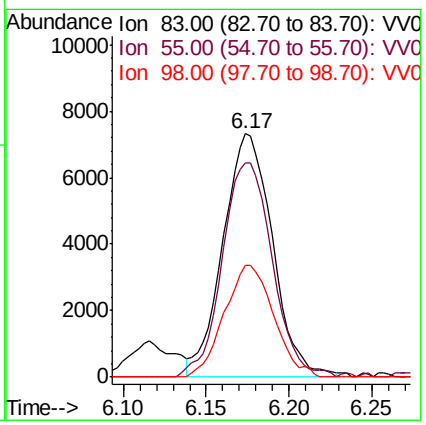


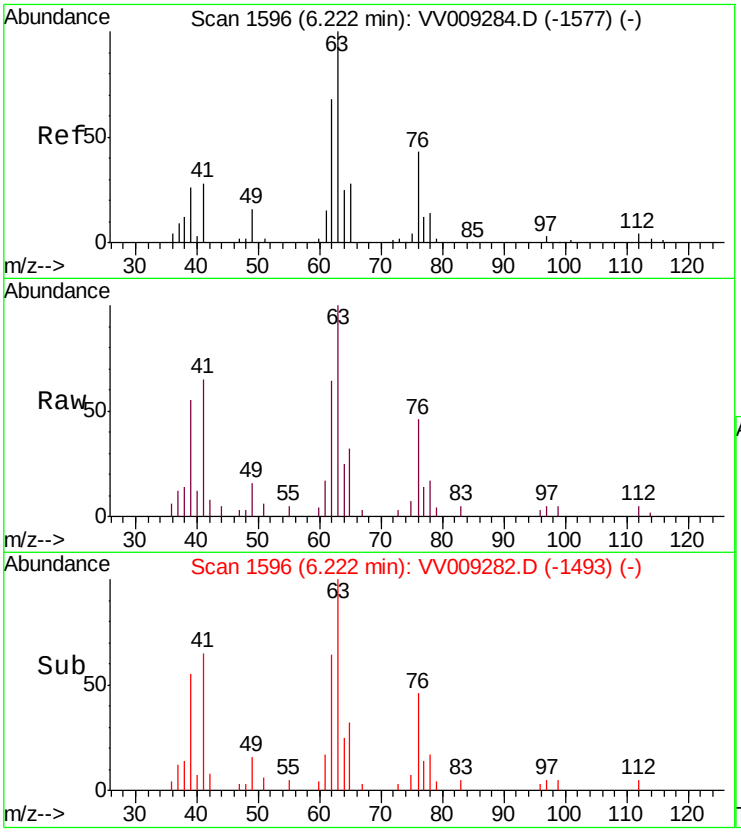


#36
Methylcyclohexane
Concen: 2.973 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 83 Resp: 15233

Ion	Ratio	Lower	Upper
83	100		
55	88.1	69.7	104.5
98	44.9	36.6	54.8



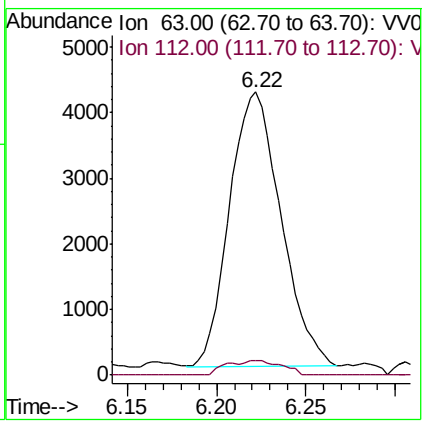


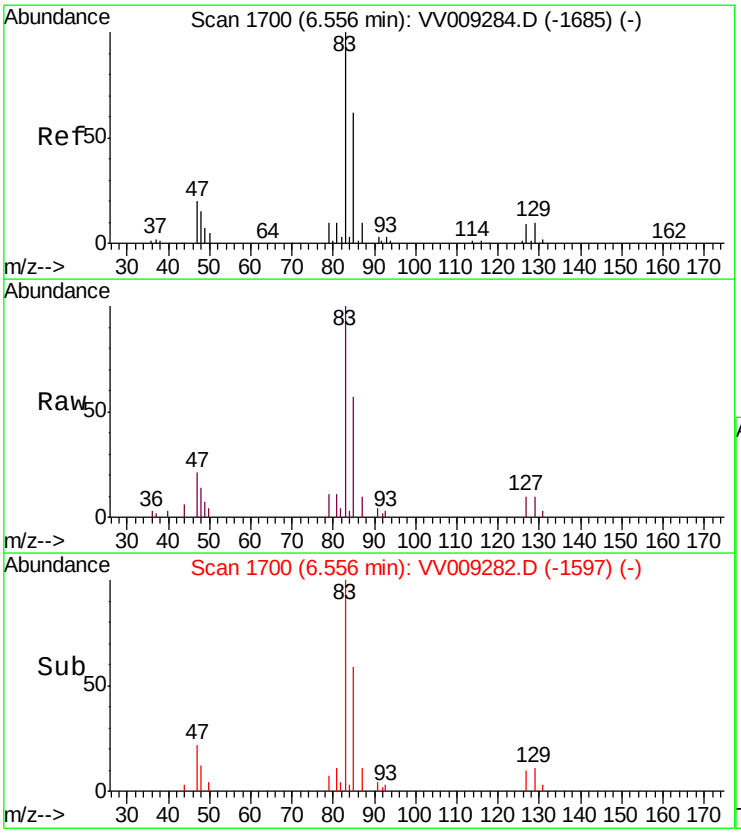
#40
1,2-Dichloropropane
Concen: 3.106 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 63 Resp: 8435

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.0	4.4

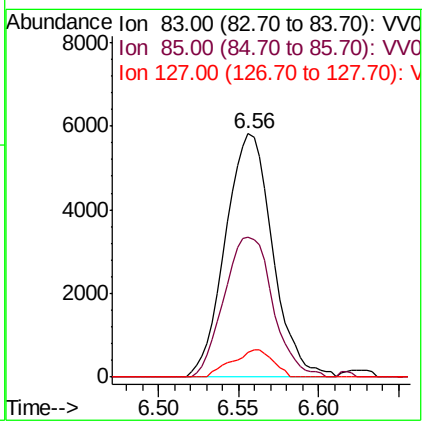


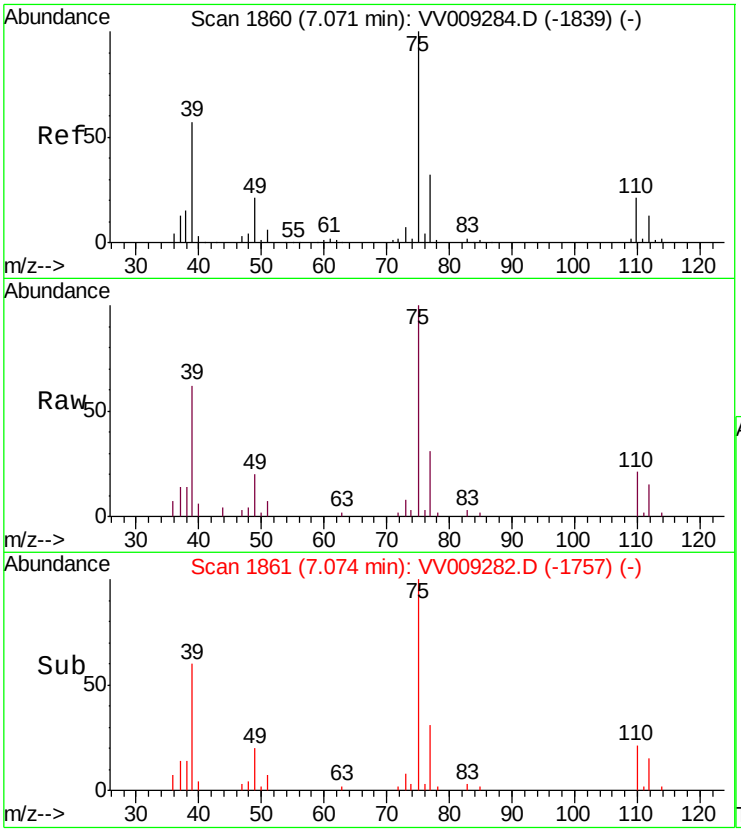


#41
Bromodichloromethane
Concen: 3.210 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 83 Resp: 11706

Ion	Ratio	Lower	Upper
83	100		
85	57.5	43.5	80.7
127	10.0	6.9	10.3



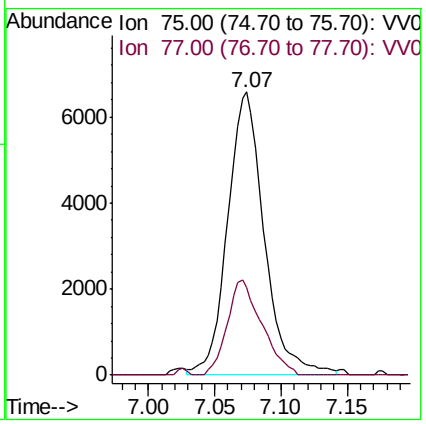


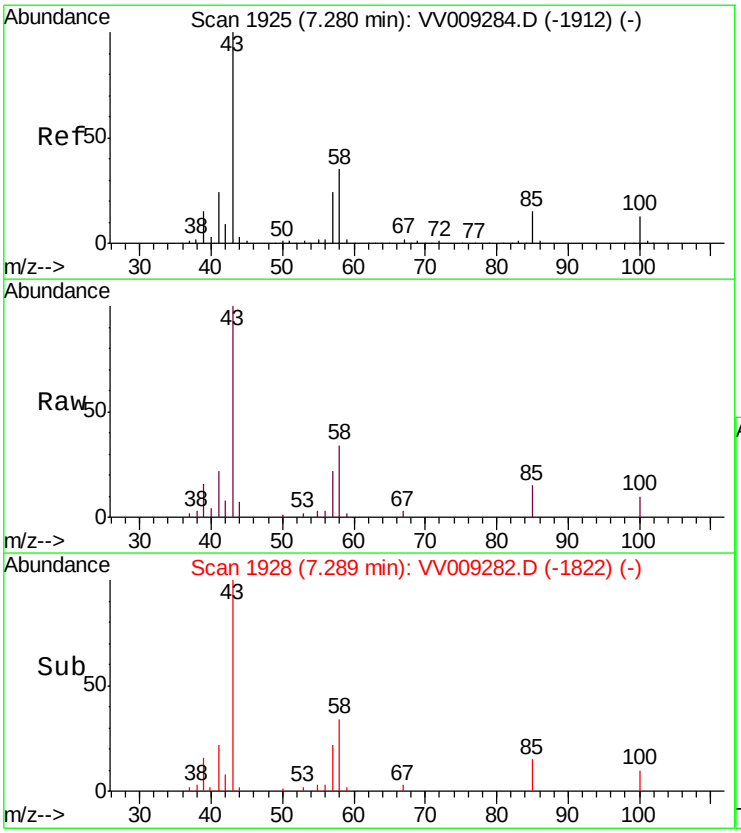
#42
cis-1,3-Dichloropropene
Concen: 3.063 ug/L
RT: 7.07 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument : MSVOA_V
ClientSampleId : VSTD2.561

Tgt Ion: 75 Resp: 12627

Ion	Ratio	Lower	Upper
75	100		
77	30.7	22.3	41.5

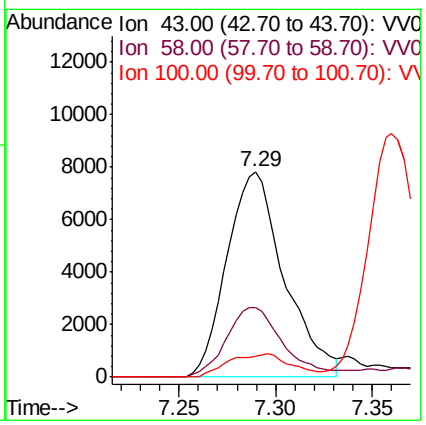


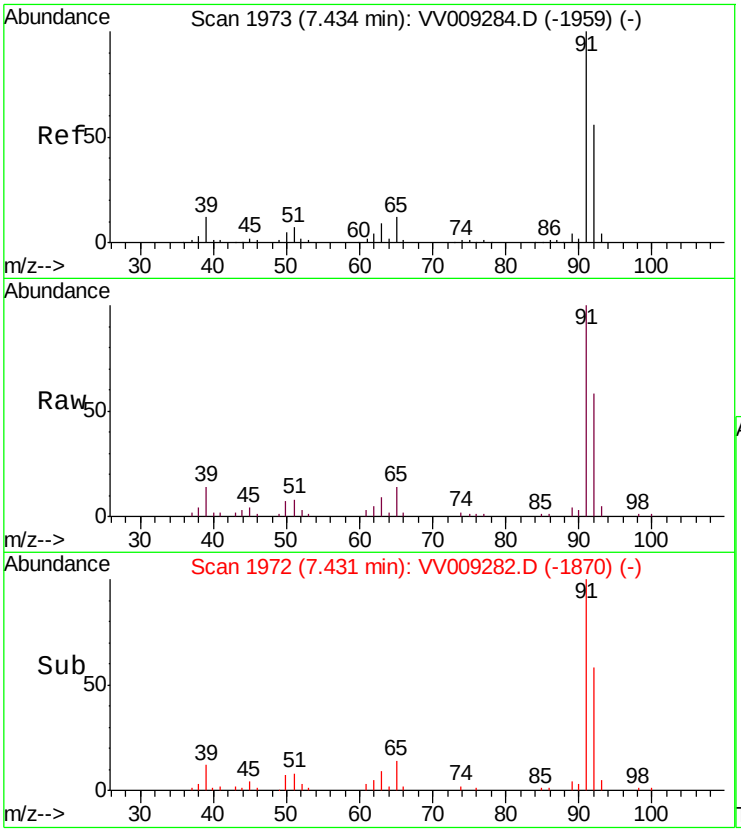


#43
4-Methyl-2-pentanone
Concen: 7.038 ug/L
RT: 7.29 min Scan# 1928
Delta R.T. 0.01 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 43 Resp: 16169

Ion	Ratio	Lower	Upper
43	100		
58	33.2	28.0	42.0
100	5.0	9.7	14.5#



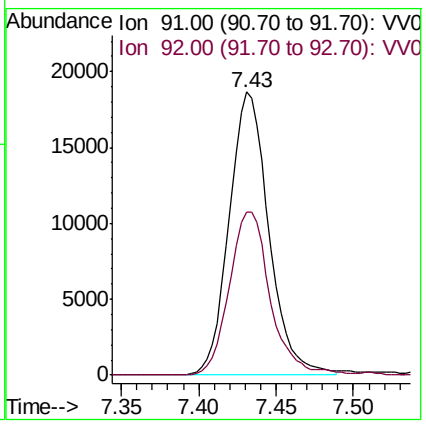


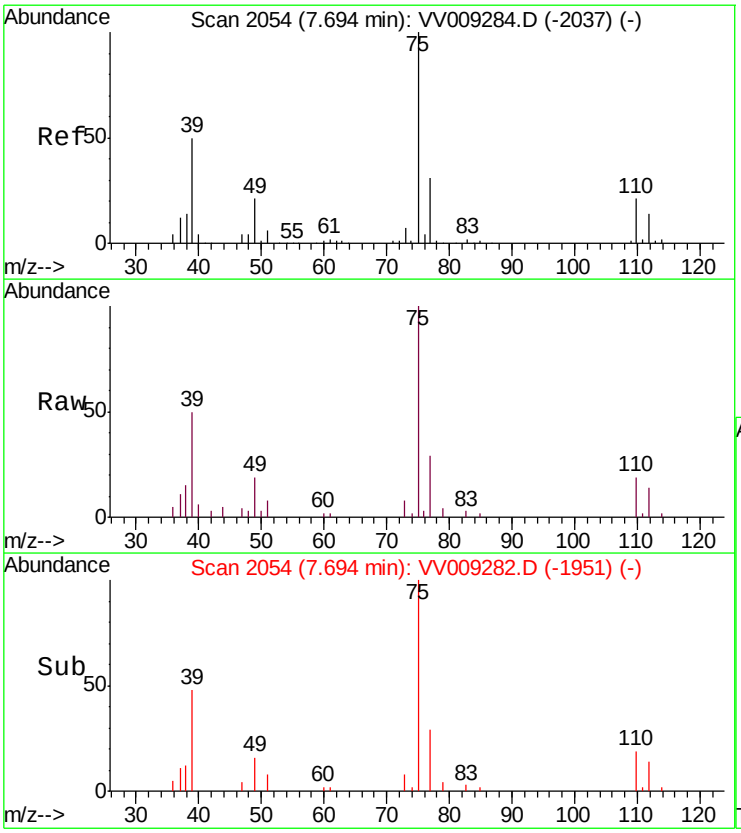
#44
Toluene
Concen: 2.854 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 91 Resp: 33201

Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.1	72.5

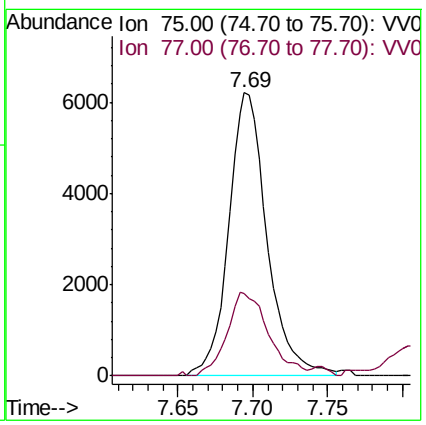


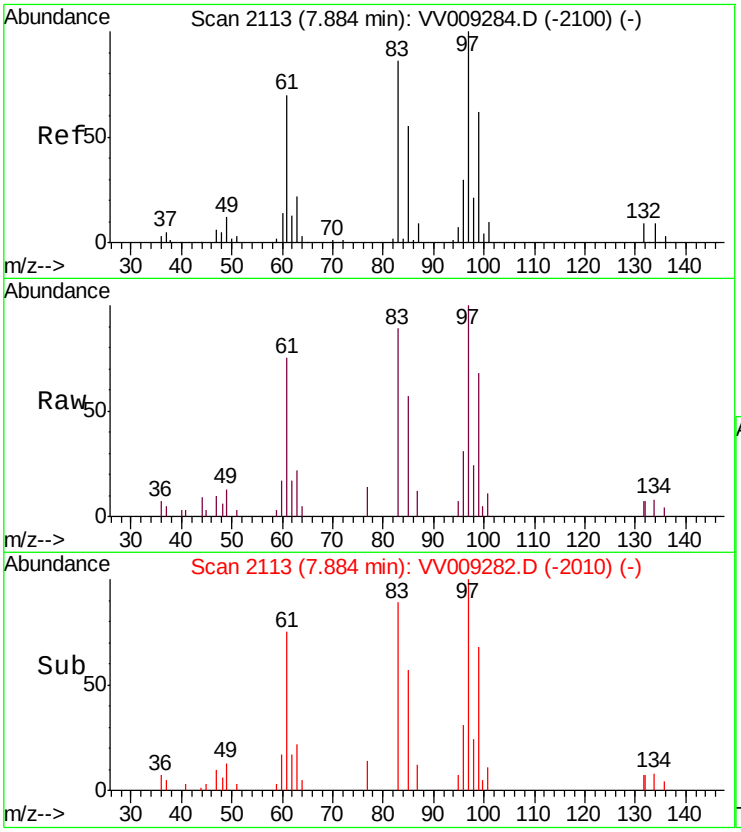


#45
trans-1,3-Dichloropropene
Concen: 3.013 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 75 Resp: 11103

Ion	Ratio	Lower	Upper
75	100		
77	29.2	21.8	40.6



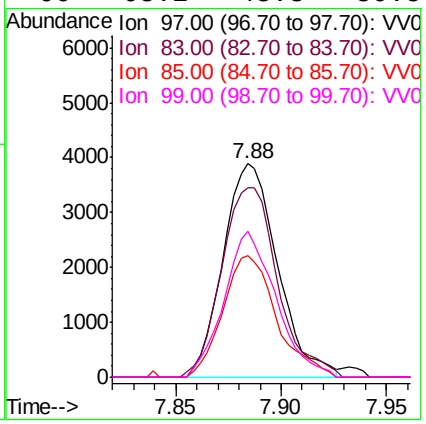


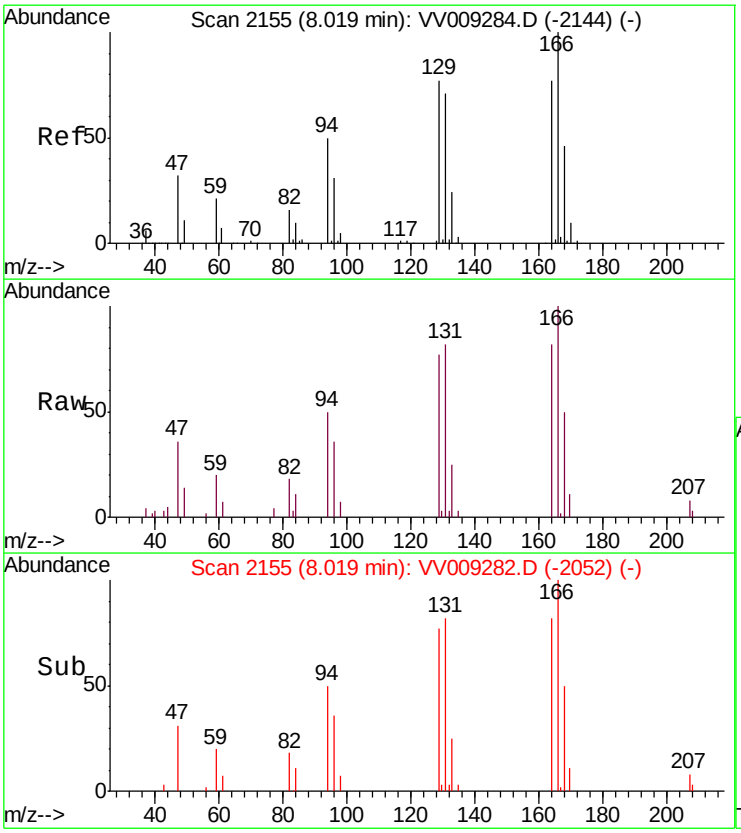
#46
1,1,2-Trichloroethane
Concen: 3.033 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 97 Resp: 6957

Ion	Ratio	Lower	Upper
97	100		
83	89.0	60.0	111.4
85	57.2	38.9	72.3
99	68.2	43.3	80.5

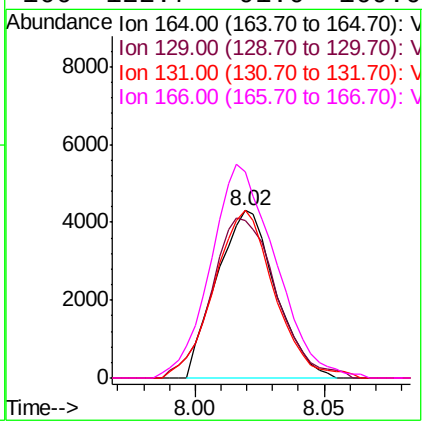


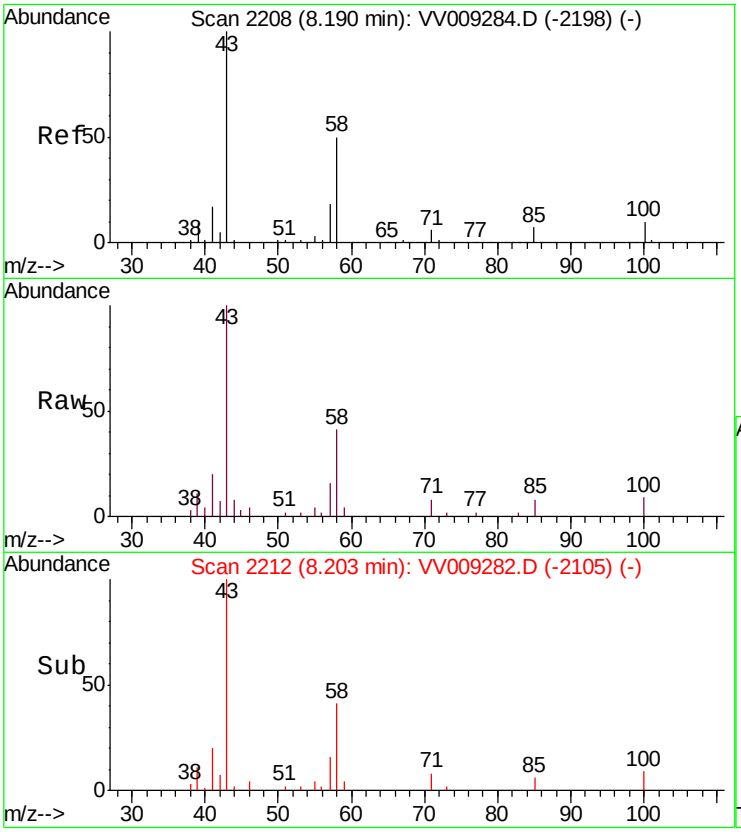


#47
Tetrachloroethene
Concen: 2.677 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:164 Resp: 6859

Ion	Ratio	Lower	Upper
164	100		
129	97.5	69.9	129.9
131	100.0	65.0	120.8
166	122.7	91.0	169.0



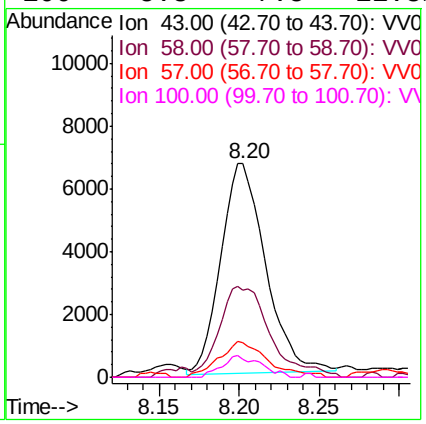


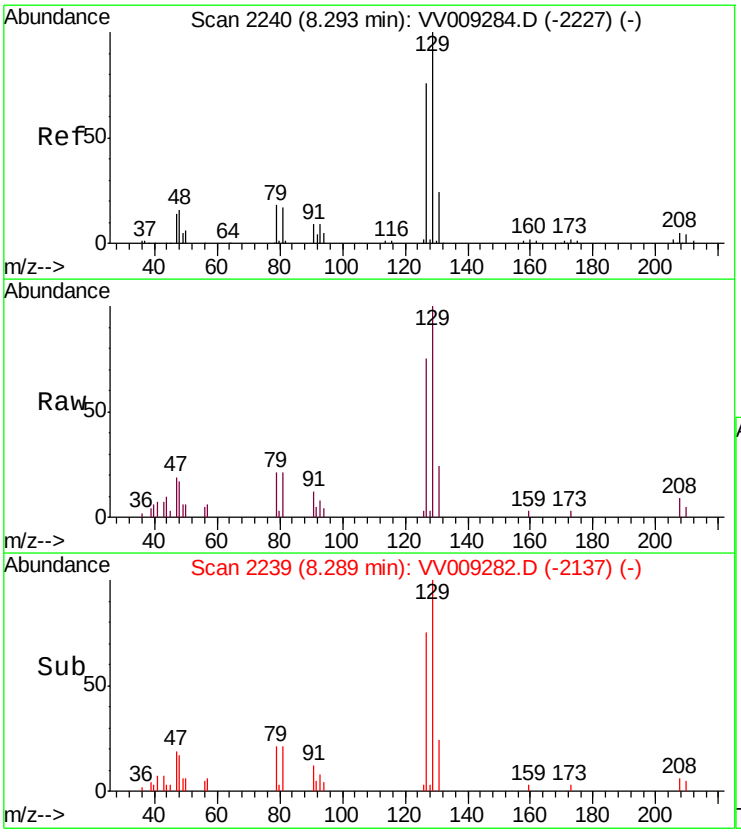
#49
2-Hexanone
Concen: 6.796 ug/L
RT: 8.20 min Scan# 2212
Delta R.T. 0.01 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument : MSVOA_V
ClientSampleId : VSTD2.561

Tgt Ion: 43 Resp: 12808

Ion	Ratio	Lower	Upper
43	100		
58	42.8	37.4	56.2
57	17.9	13.0	19.6
100	5.8	7.5	11.3#

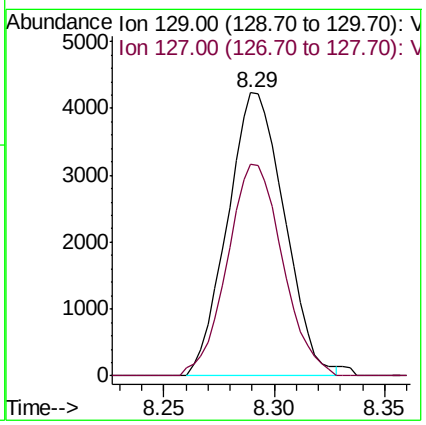


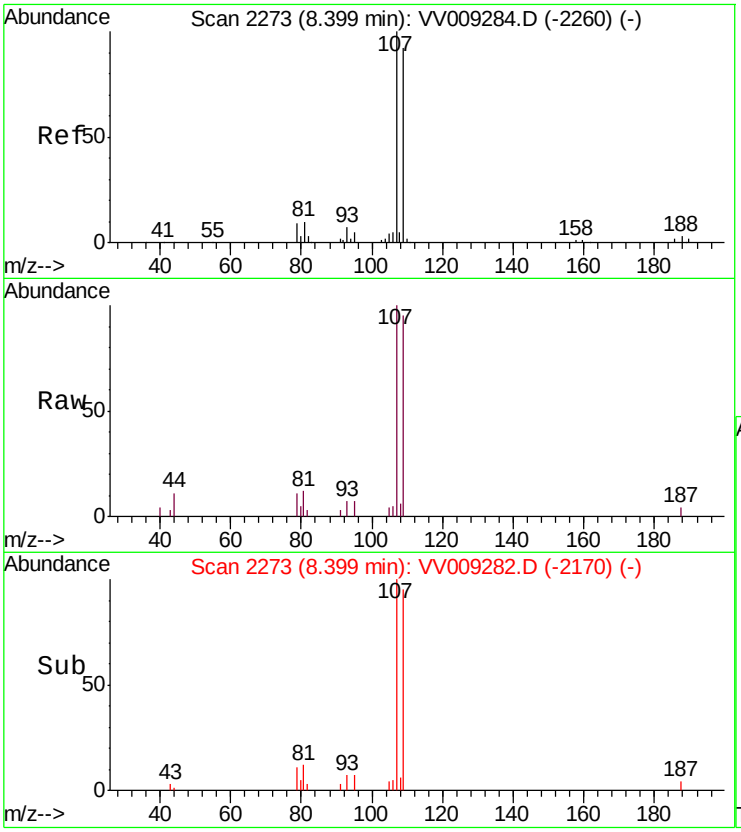


#50
Dibromochloromethane
Concen: 2.753 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:129 Resp: 7579

Ion	Ratio	Lower	Upper
129	100		
127	74.9	53.1	98.7



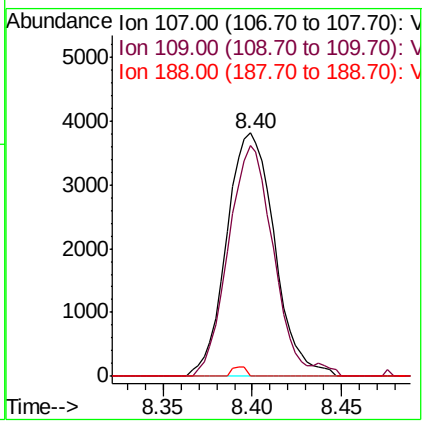


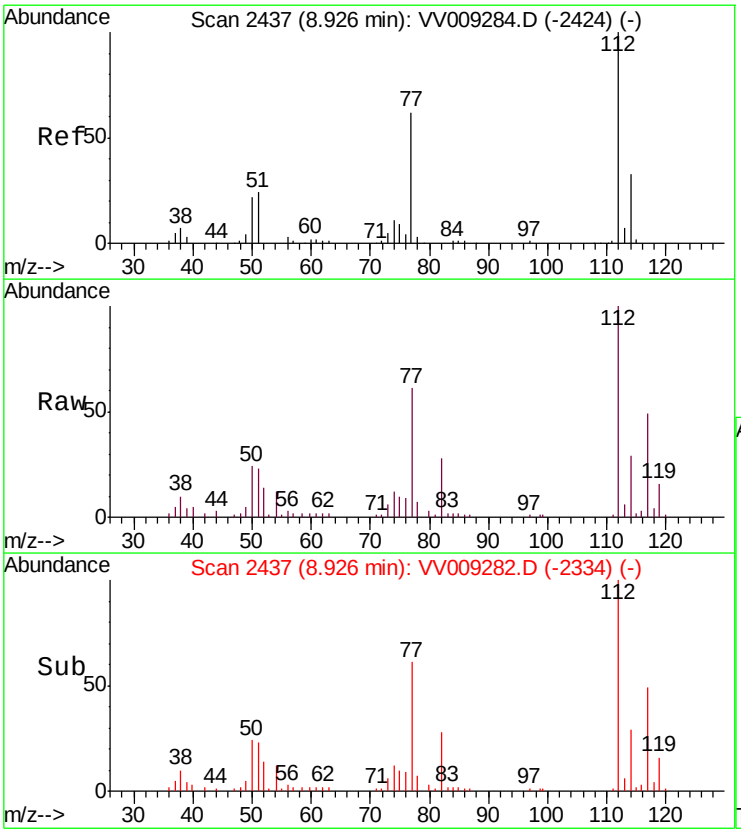
#51
1,2-Dibromoethane
Concen: 3.063 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument : MSVOA_V
ClientSampleId : VSTD2.561

Tgt Ion:107 Resp: 7131

Ion	Ratio	Lower	Upper
107	100		
109	94.7	64.2	119.2
188	0.0	2.6	4.0#

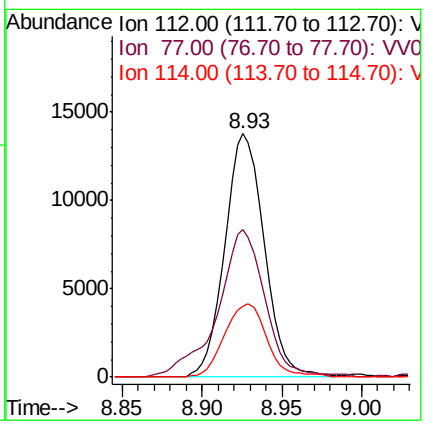


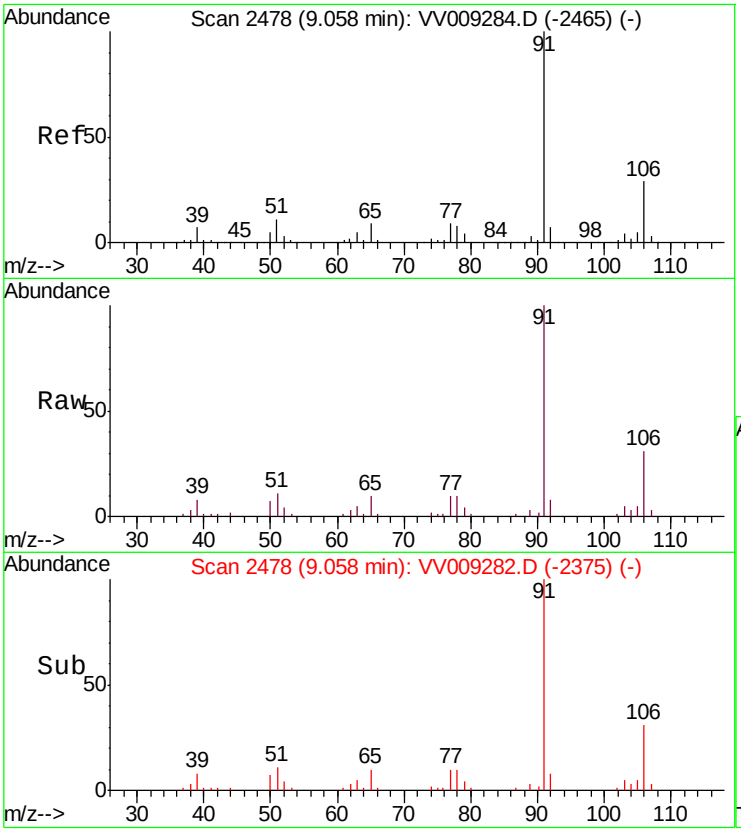


#52
Chlorobenzene
Concen: 2.975 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:112 Resp: 23218

Ion	Ratio	Lower	Upper
112	100		
77	60.8	50.2	75.4
114	29.2	22.9	42.5



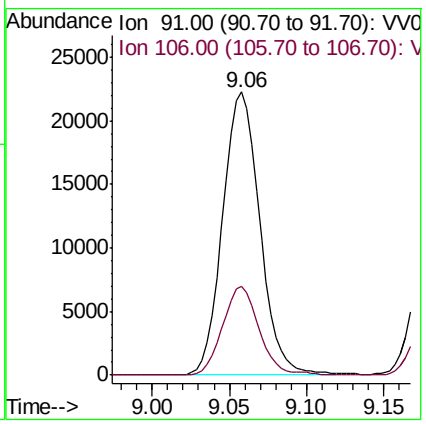


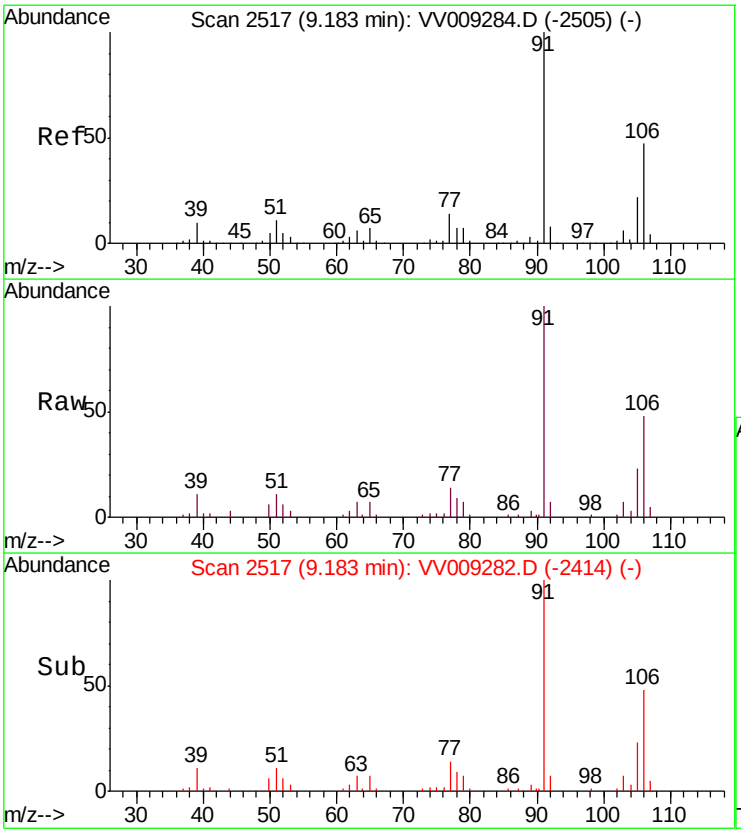
#53
Ethylbenzene
Concen: 2.842 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 91 Resp: 37136

Ion	Ratio	Lower	Upper
91	100		
106	31.3	20.6	38.2

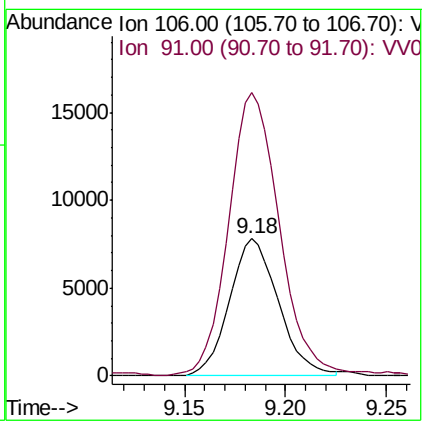


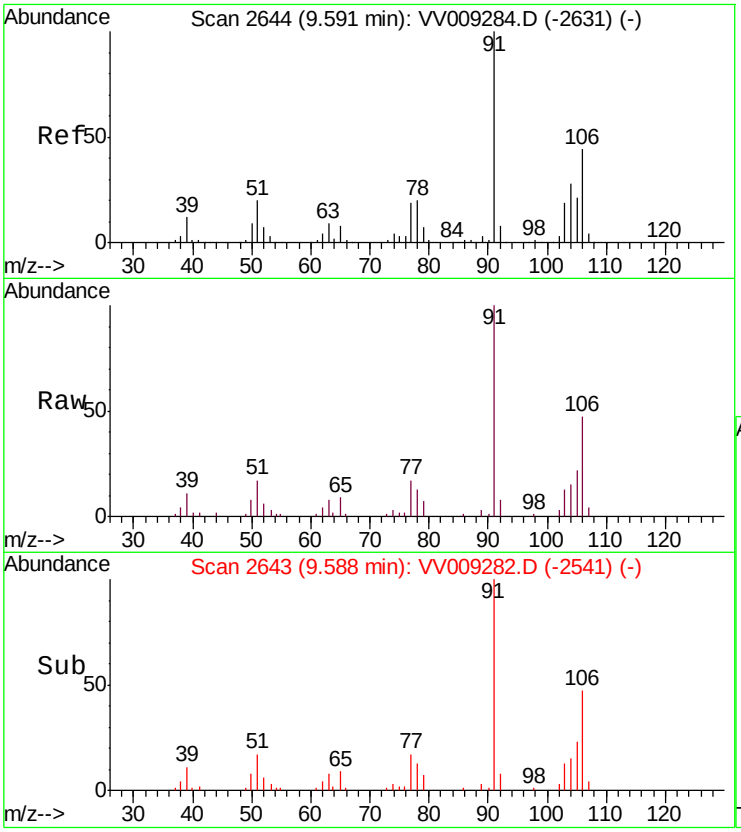


#54
m,p-Xylene
Concen: 2.674 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:106 Resp: 13303

Ion	Ratio	Lower	Upper
106	100		
91	206.3	149.4	277.5



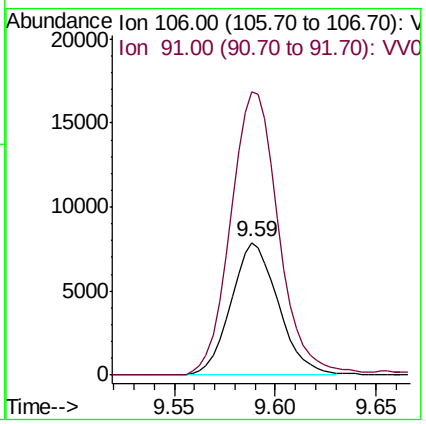


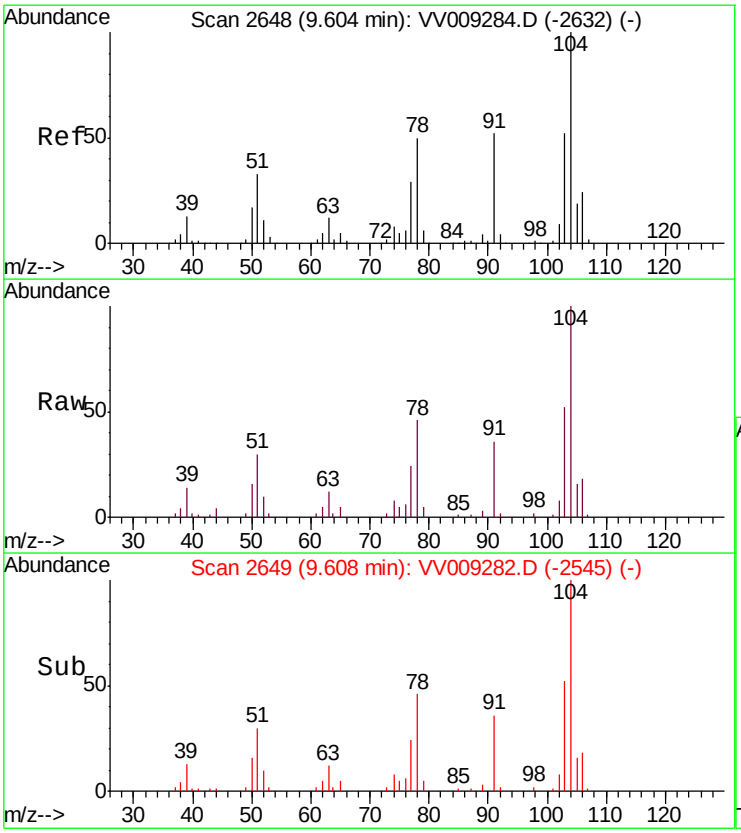
#55
o-xylene
Concen: 2.741 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion:106 Resp: 12930

Ion	Ratio	Lower	Upper
106	100		
91	213.8	159.0	295.2

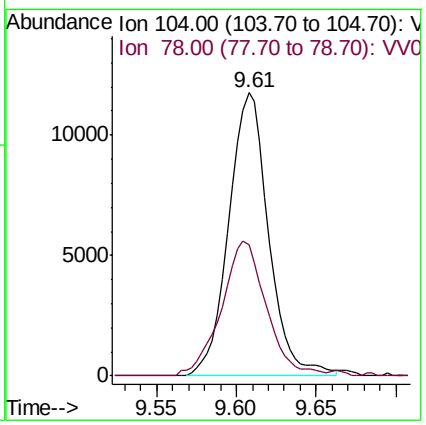


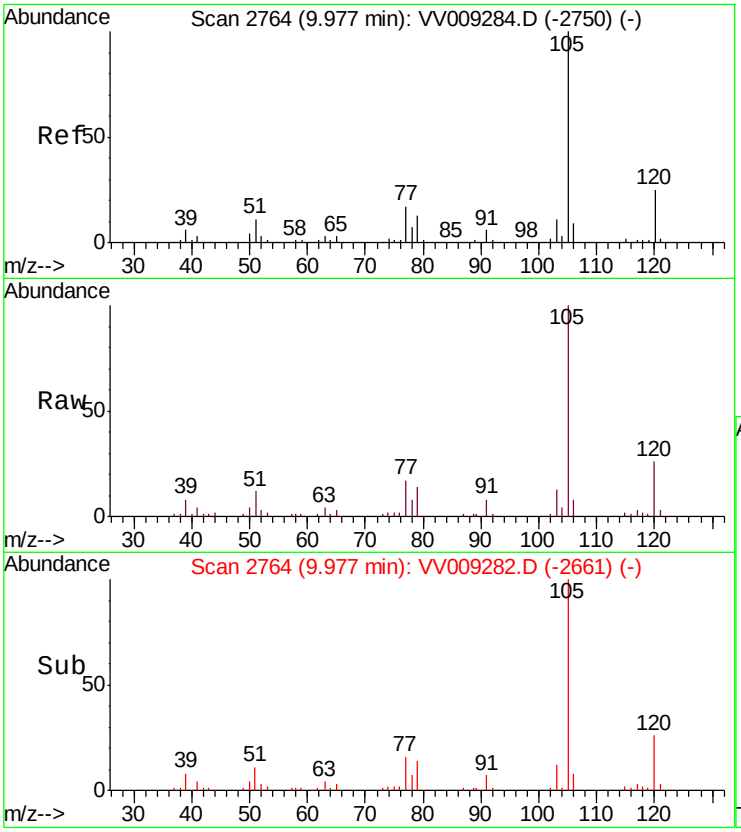


#56
Styrene
Concen: 2.523 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:104 Resp: 19951

Ion	Ratio	Lower	Upper
104	100		
78	46.3	34.8	64.6



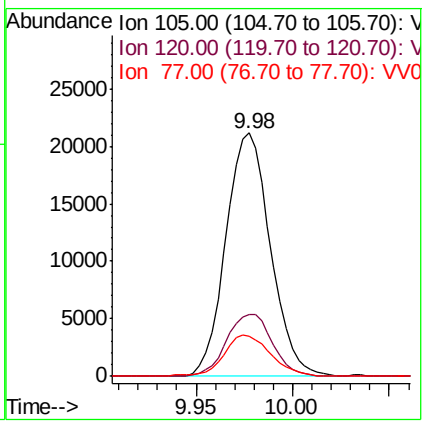


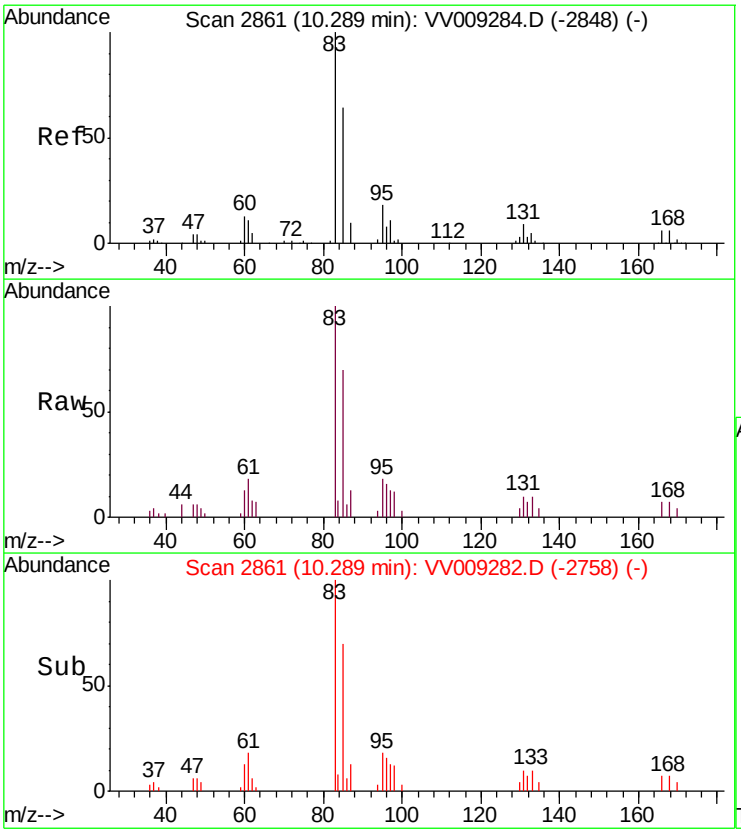
#57
Isopropylbenzene
Concen: 2.620 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion:105 Resp: 33865

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.3	30.5
77	17.9	13.4	20.0

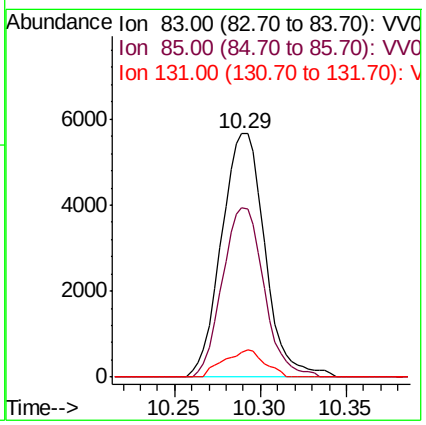


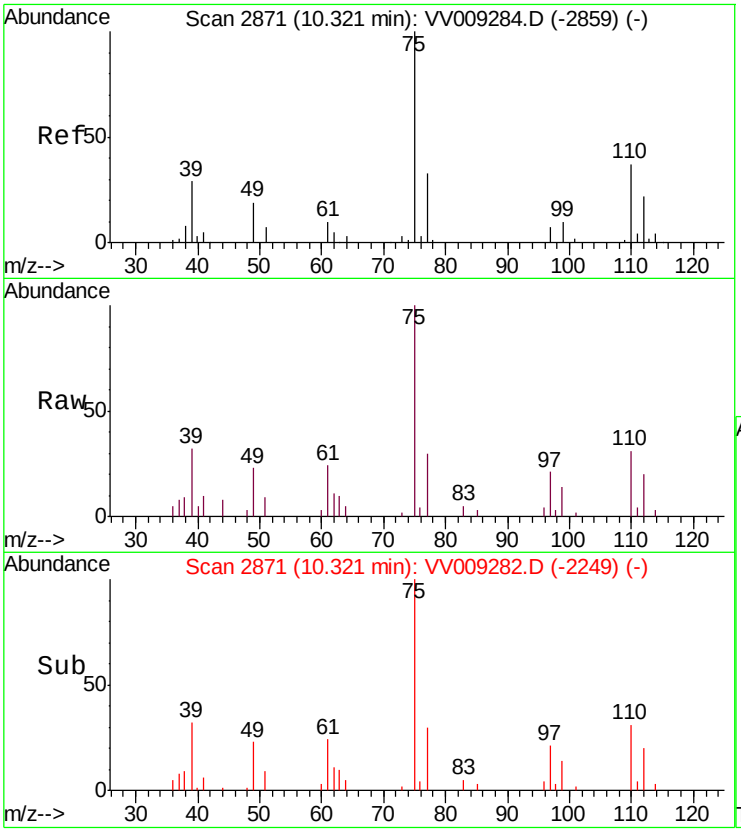


#58
1,1,2,2-Tetrachloroethane
Concen: 3.362 ug/L
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 83 Resp: 9996

Ion	Ratio	Lower	Upper
83	100		
85	69.8	45.1	83.7
131	10.0	7.9	11.9



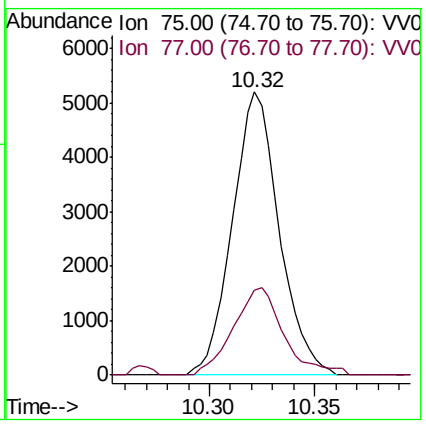


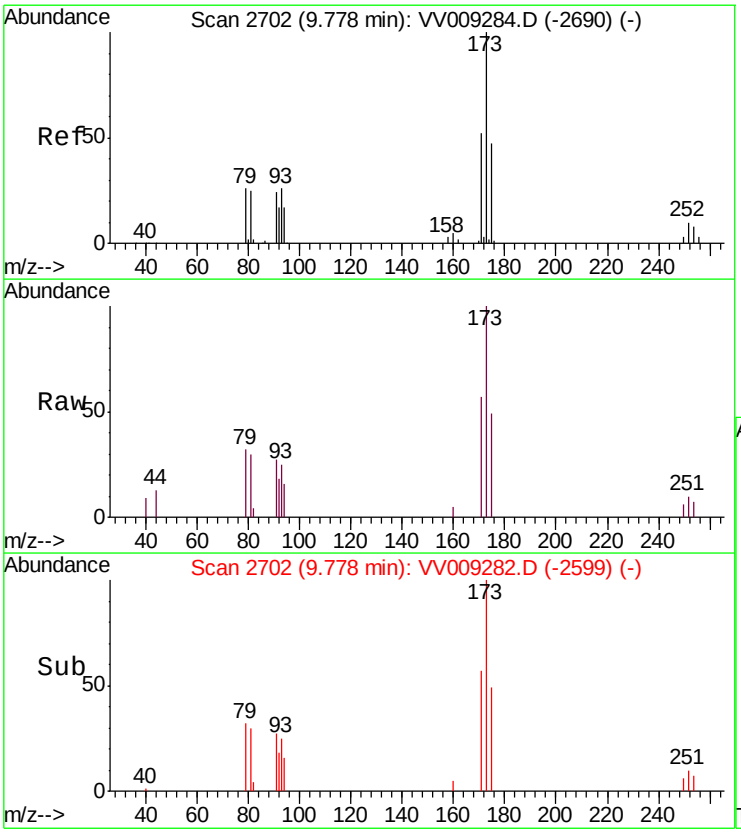
#59
1,2,3-Trichloropropane
Concen: 3.381 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion: 75 Resp: 7998

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.6	38.4

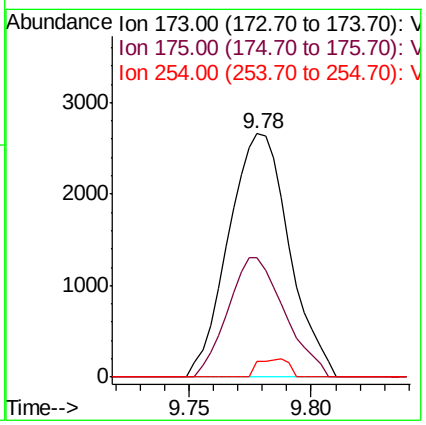


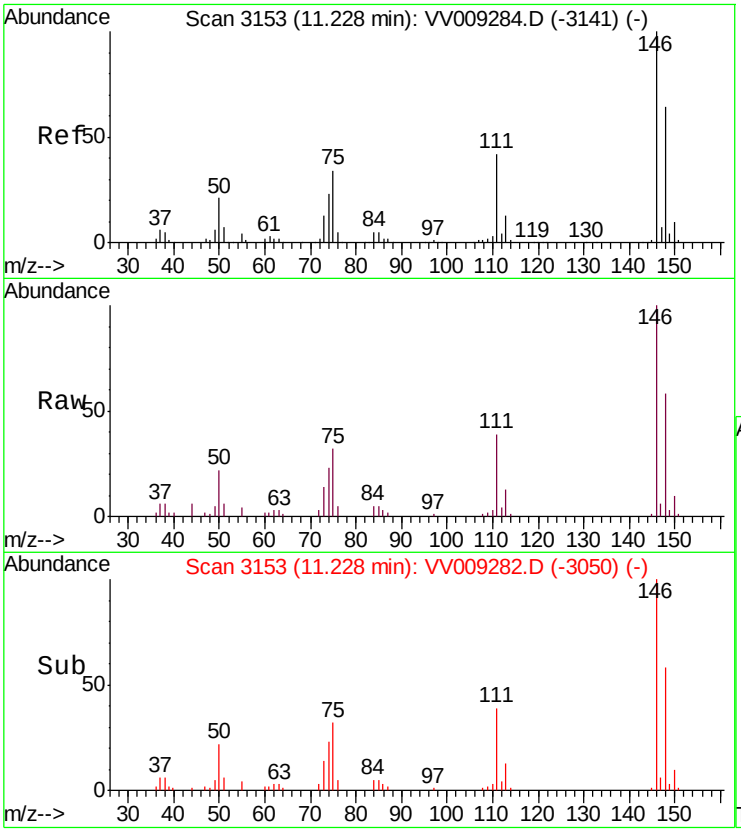


#62
Bromoform
Concen: 2.832 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:173 Resp: 4585

Ion	Ratio	Lower	Upper
173	100		
175	46.0	38.8	58.2
254	1.4	7.0	10.4#



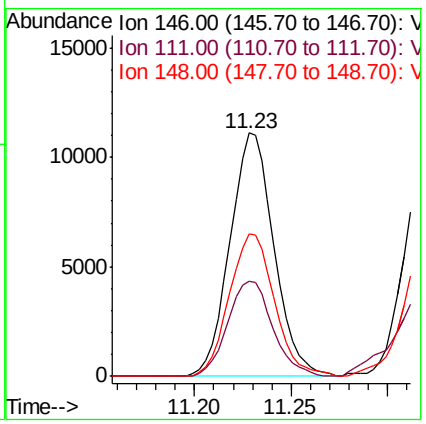


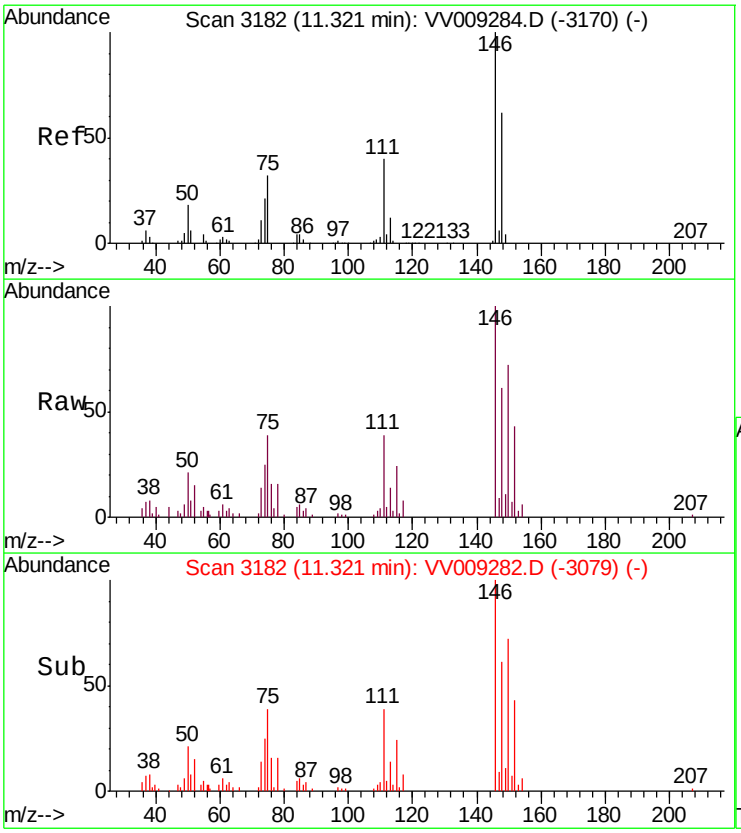
#63
1,3-Dichlorobenzene
Concen: 2.980 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument : MSVOA_V
ClientSampleId : VSTD2.561

Tgt Ion:146 Resp: 17558

Ion	Ratio	Lower	Upper
146	100		
111	39.1	29.3	54.5
148	58.4	44.9	83.3

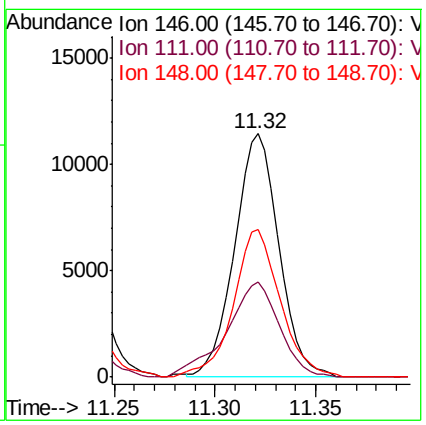


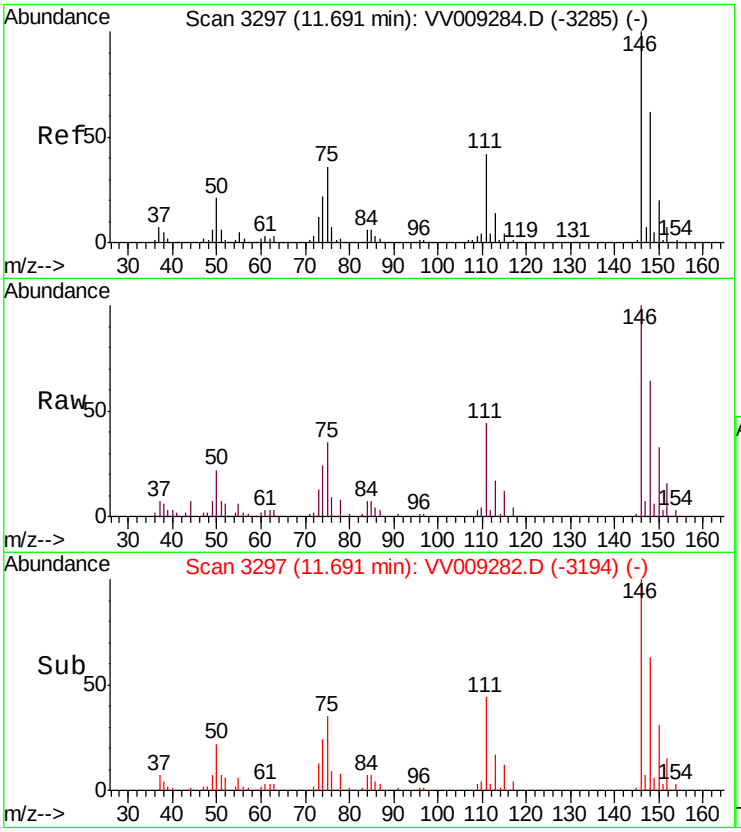


#64
1,4-Dichlorobenzene
Concen: 2.932 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:146 Resp: 17632

Ion	Ratio	Lower	Upper
146	100		
111	39.1	28.2	52.4
148	60.6	43.6	81.0



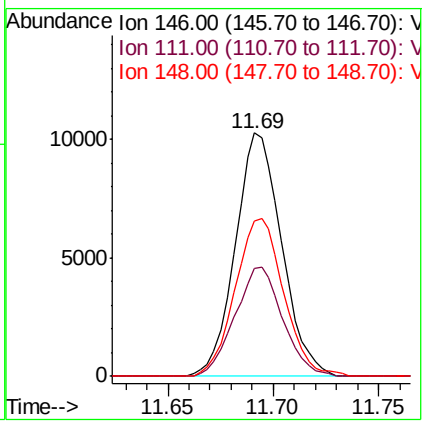


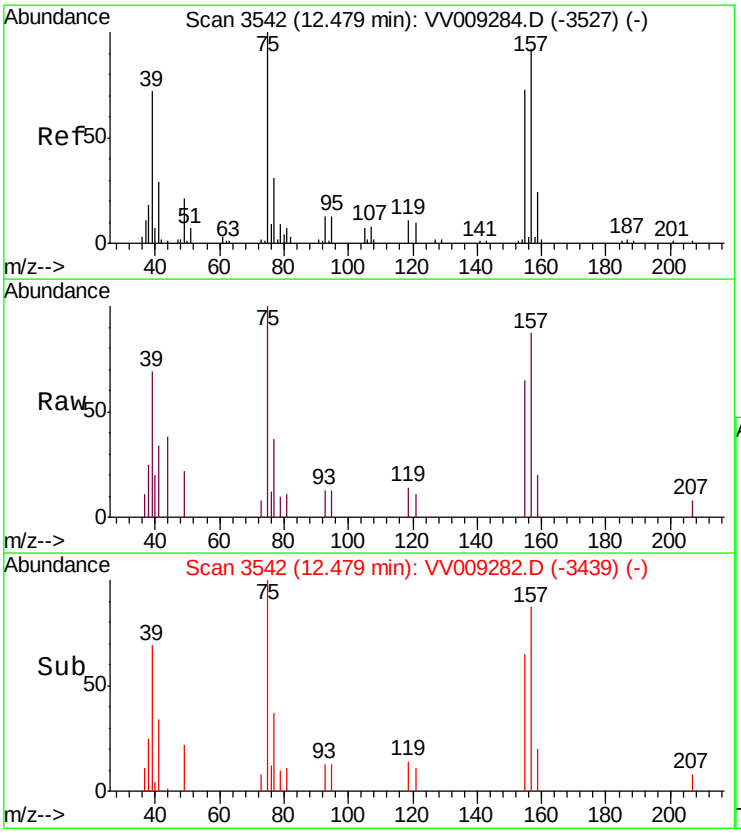
#65
1,2-Dichlorobenzene
Concen: 2.798 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion:146 Resp: 15641

Ion	Ratio	Lower	Upper
146	100		
111	44.5	33.9	50.9
148	63.6	49.9	74.9

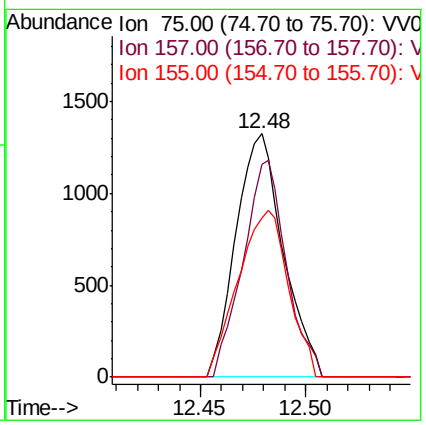


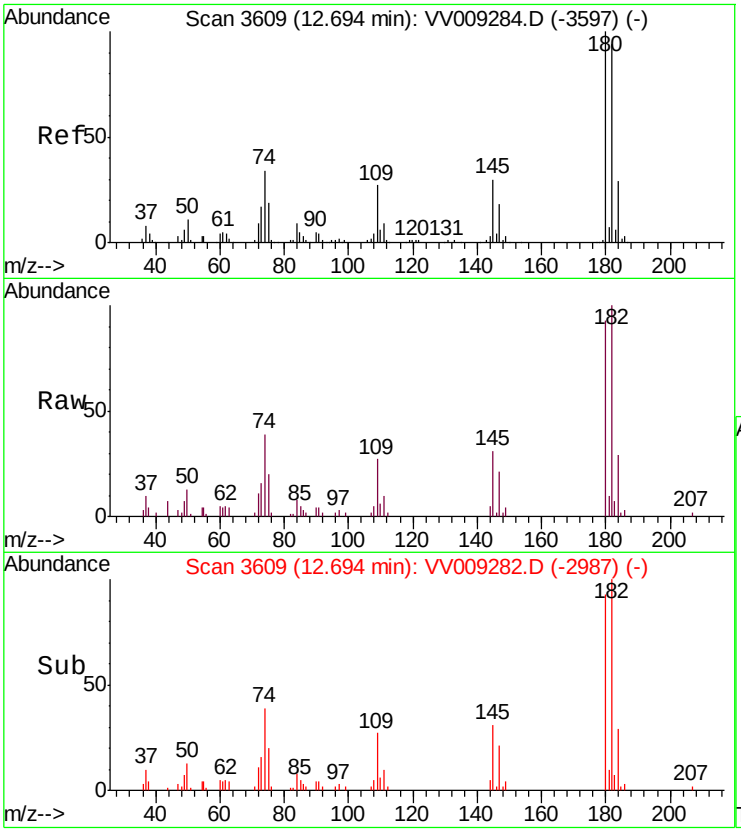


#66
1,2-Dibromo-3-chloropropane
Concen: 3.698 ug/L
RT: 12.48 min Scan# 3542
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion: 75 Resp: 2058

Ion	Ratio	Lower	Upper
75	100		
157	87.2	73.5	110.3
155	65.3	58.2	87.4



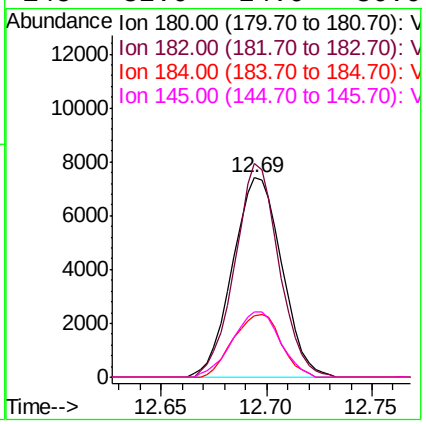


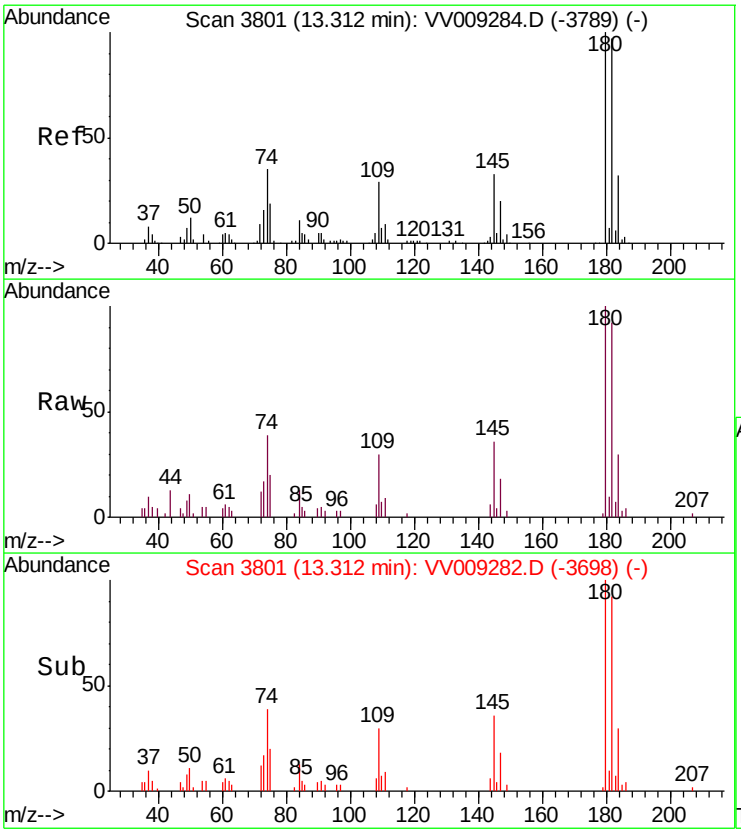
#67
1,3,5-Trichlorobenzene
Concen: 2.574 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion:180 Resp: 12000

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.7	113.5
184	30.7	23.4	35.2
145	32.0	24.0	36.0

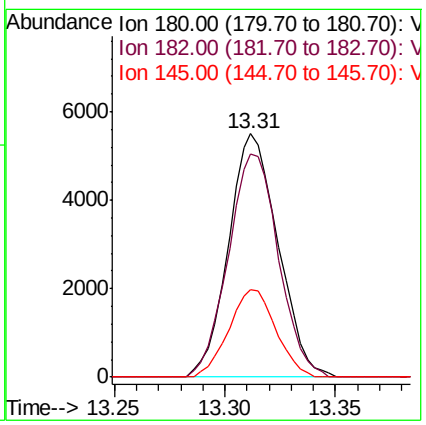


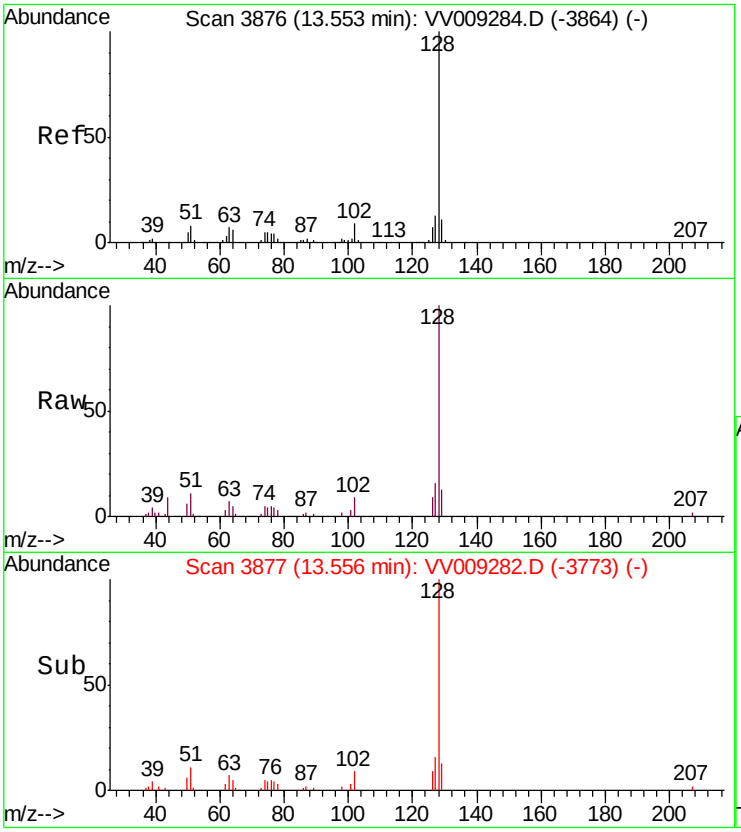


#68
1,2,4-trichlorobenzene
Concen: 2.298 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:180 Resp: 8578

Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.4	114.6
145	33.9	25.8	38.8



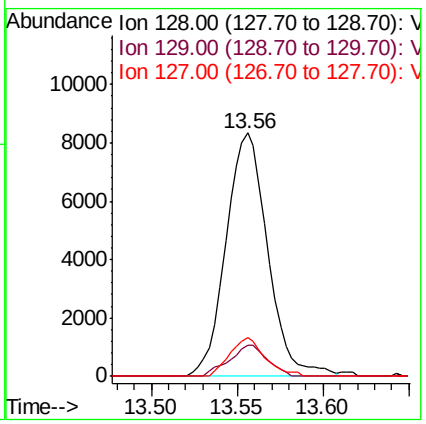


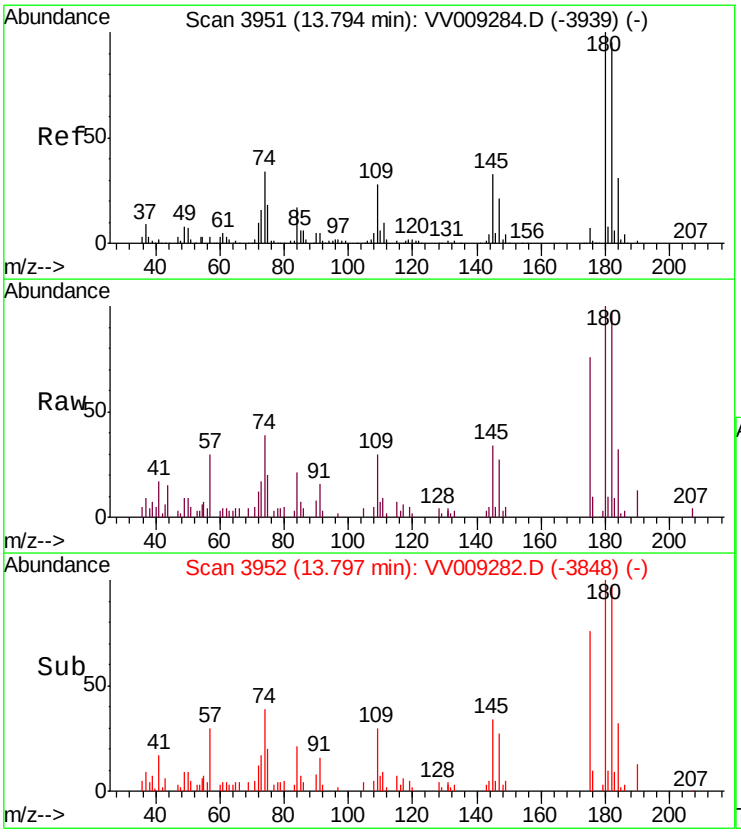
#69
Naphthalene
Concen: 1.905 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.561

Tgt Ion:128 Resp: 14108

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.2	10.6	16.0





#70
1,2,3-Trichlorobenzene
Concen: 2.121 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009282.D
Acq: 12 Feb 2019 12:20

Tgt Ion:180 Resp: 7300

Ion	Ratio	Lower	Upper
180	100		
182	100.1	76.3	114.5
145	36.1	27.0	40.4