Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040920\
Data File : VV015444.D
Acq On : 10 Apr 2020 01:56
Operator : SY/MD
Sample : L2207-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 10 05:41:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 05:37:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	117706	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	113191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56143	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	28057	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.58	69	26875	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.12	63	40495	3.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.00%			
20) 2-Butanone-d5	3.96	46	87983	51.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.62%			
24) Chloroform-d	4.38	84	62916	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.06	65	36434	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.08	84	123049	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.10	67	40008	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.34	98	113044	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.65	79	15005	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
46) 2-Hexanone-d5	8.12	63	81852	49.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.80%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29766	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	44741	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	16128	1.510	ug/L	96
8) Chloroethane	1.59	64	799	0.129	ug/L	94
12) 1,1-Dichloroethene	2.13	96	770	0.104	ug/L #	1
13) Acetone	2.51	43	7534	6.219	ug/L	76
15) Methyl Acetate	2.51	43	7534	2.102	ug/L #	57
18) trans-1,2-Dichloroethene	2.78	96	925	0.111	ug/L	87
19) 1,1-Dichloroethane	3.21	63	34012	2.167	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	43278	5.006	ug/L	98
27) 1,2-Dichloroethane	5.16	62	14766	1.422	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	1697	0.116	ug/L	97
30) Cyclohexane	4.70	56	27587	1.769	ug/L	94
33) Benzene	5.13	78	298045	8.798	ug/L	100
34) Trichloroethene	5.94	95	8493	0.931	ug/L	99
35) Methylcyclohexane	6.15	83	9511	0.619	ug/L #	80
37) 1,2-Dichloropropane	6.10	63	4919	0.585	ug/L #	82
42) Toluene	7.41	91	19931	0.542	ug/L	97
44) trans-1,3-Dichloropropene	7.65	75	735	0.067	ug/L #	65

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040920\
Data File : VV015444.D
Acq On : 10 Apr 2020 01:56
Operator : SY/MD
Sample : L2207-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 10 05:41:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 05:37:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.81	97	3114	0.551	ug/L	#	20
47) Tetrachloroethene	8.00	164	1056	0.156	ug/L		96
48) 2-Hexanone	8.12	43	12407	3.218	ug/L	#	70
49) Dibromochloromethane	8.00	129	956	0.141	ug/L	#	10
51) Chlorobenzene	8.90	112	240131	10.242	ug/L		100
52) Ethylbenzene	9.04	91	146421	3.458	ug/L		99
53) m,p-xylene	9.16	106	216760	13.556	ug/L		100
54) o-xylene	9.57	106	56179	3.630	ug/L		95
55) Styrene	9.57	104	3788	0.146	ug/L	#	1
56) Isopropylbenzene	9.95	105	55340	1.304	ug/L		100
62) 1,3-Dichlorobenzene	11.21	146	5510	0.304	ug/L		97
63) 1,4-Dichlorobenzene	11.30	146	16380	0.889	ug/L		99
65) 1,2-Dichlorobenzene	11.67	146	132058	8.002	ug/L		98
68) 1,2,4-trichlorobenzene	13.29	180	3617	0.307	ug/L		97
69) Naphthalene	13.53	128	7960	0.359	ug/L		99

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

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Acq On : 10 Apr 2020 01:56
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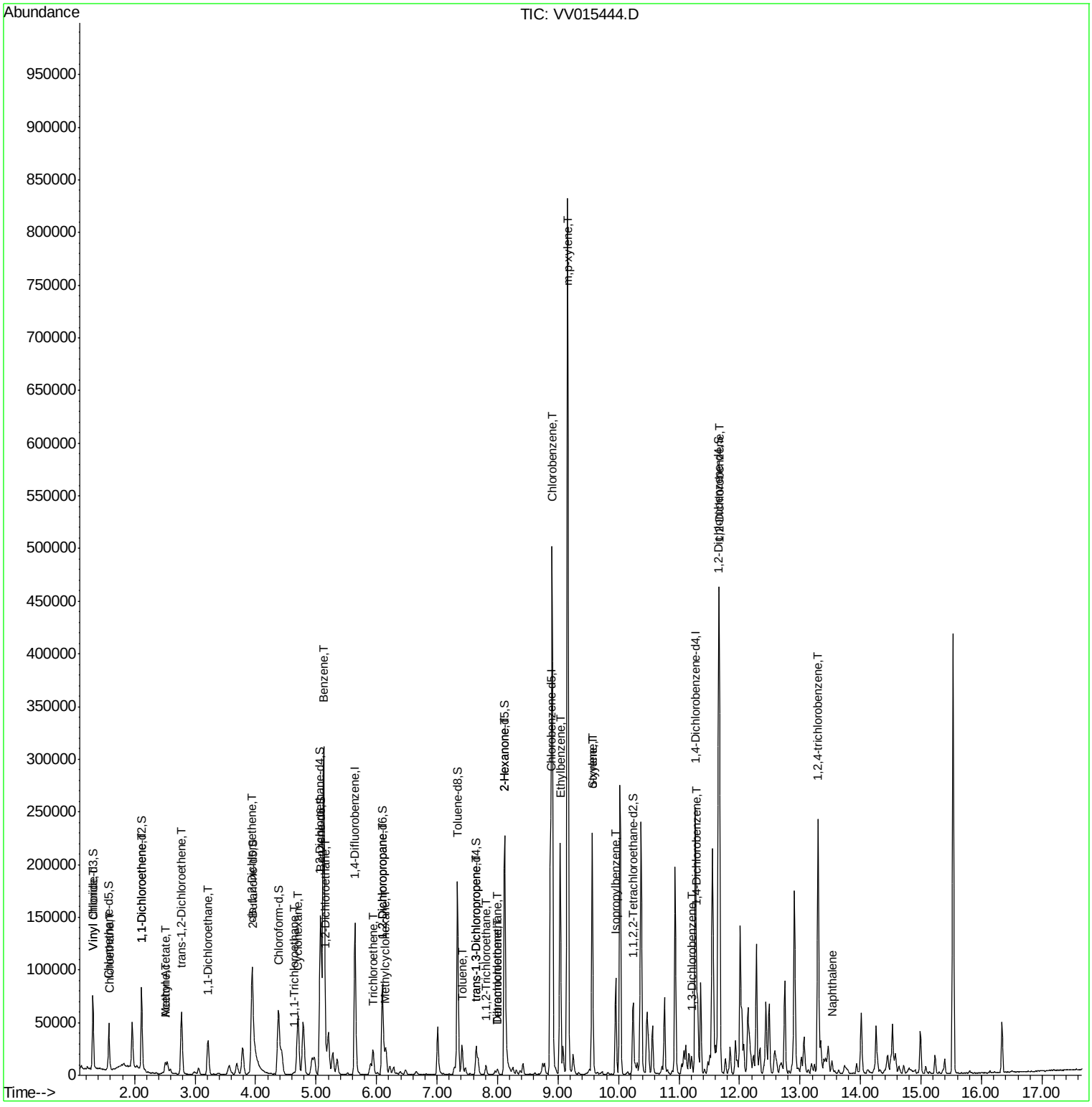
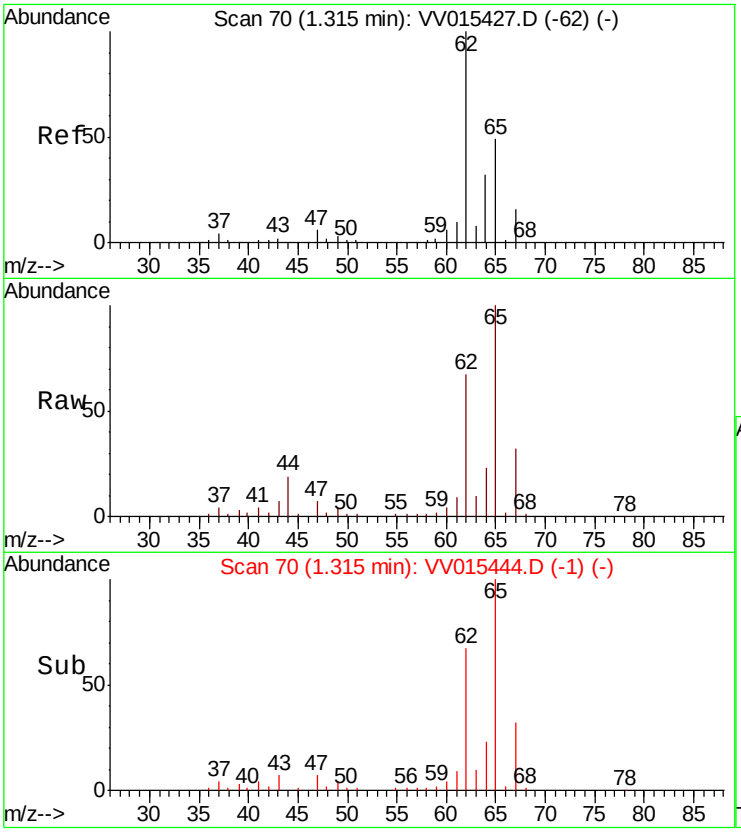
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 10 05:41:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 05:37:21 2020
Response via : Initial Calibration



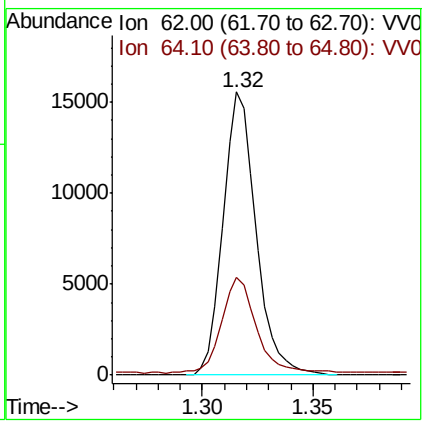


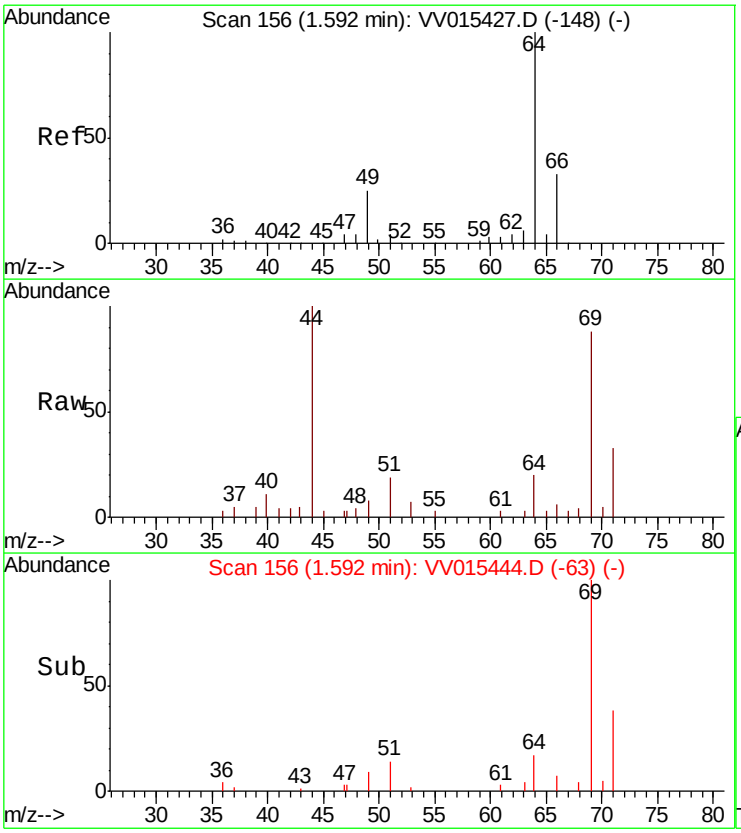
#5
Vinyl chloride
Concen: 1.510 ug/L
RT: 1.32 min Scan# 70
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 16128

Ion	Ratio	Lower	Upper
62	100		
64	34.5	22.5	41.7

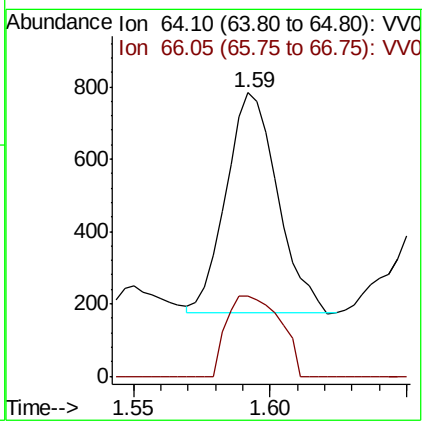


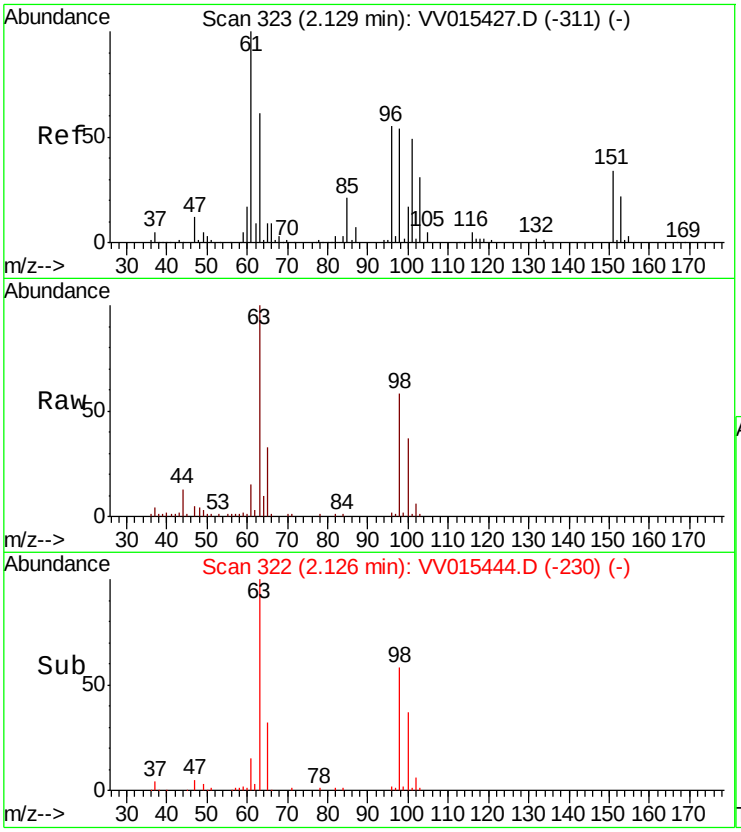


#8
Chloroethane
Concen: 0.129 ug/L
RT: 1.59 min Scan# 156
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 64 Resp: 799

Ion	Ratio	Lower	Upper
64	100		
66	28.5	22.3	41.5



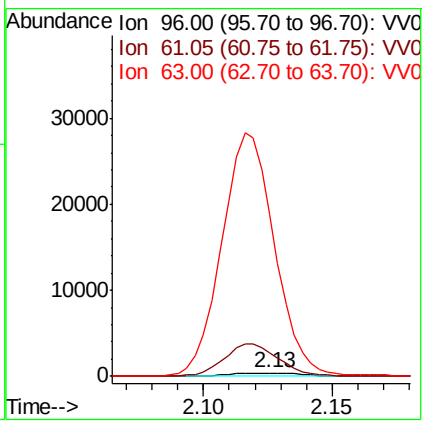


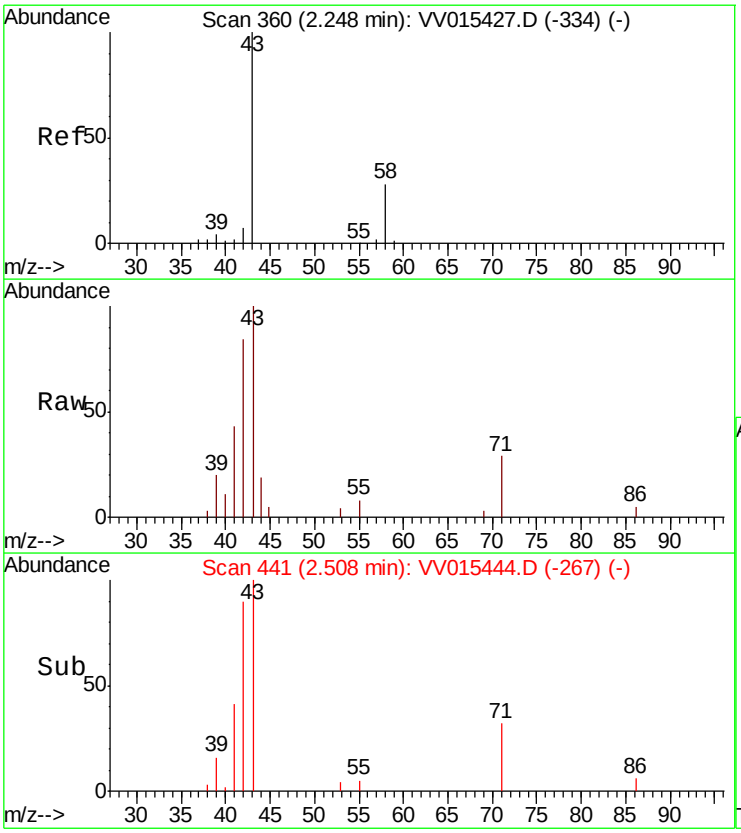
#12
1,1-Dichloroethene
Concen: 0.104 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 770

Ion	Ratio	Lower	Upper
96	100		
61	676.2	127.7	237.1#
63	4657.1	75.1	139.5#

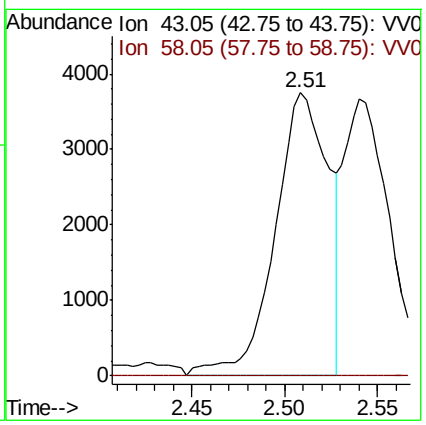


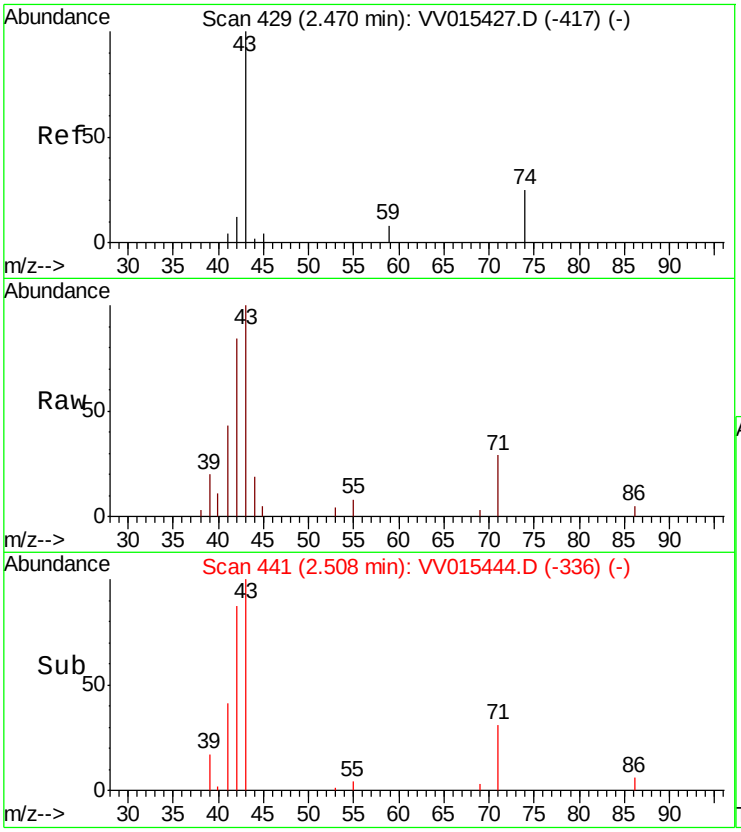


#13
Acetone
Concen: 6.219 ug/L
RT: 2.51 min Scan# 441
Delta R.T. 0.26 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 43 Resp: 7534

Ion	Ratio	Lower	Upper
43	100		
58	2.0	0.0	22.2



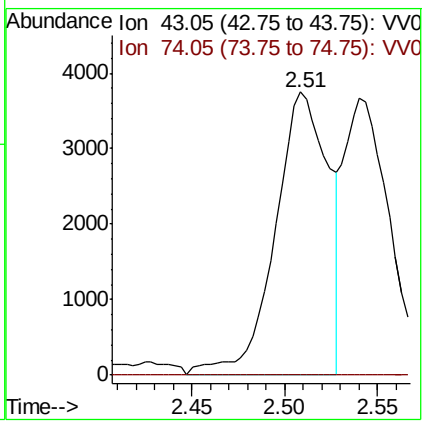


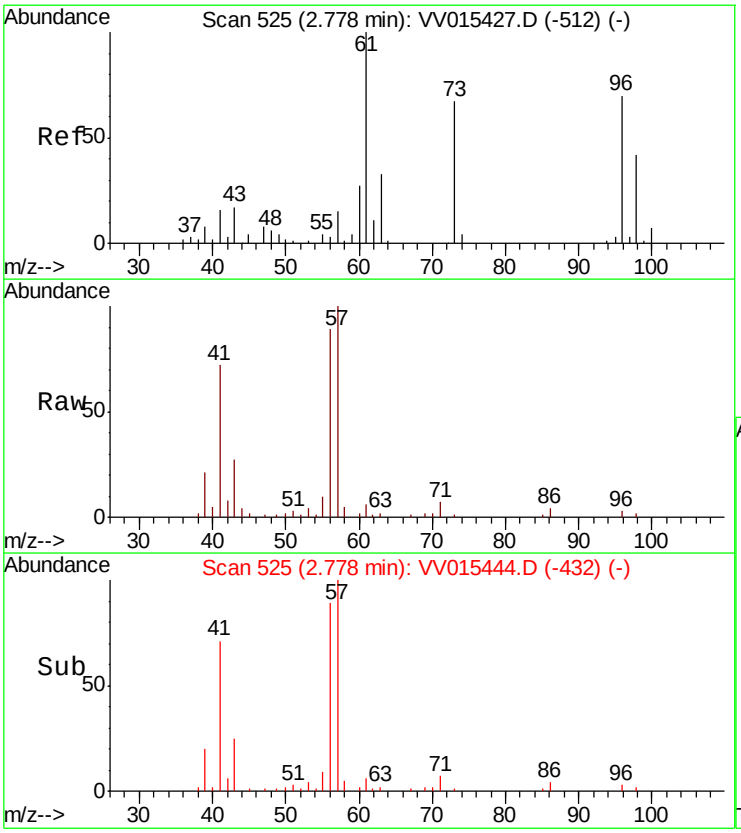
#15
Methyl Acetate
Concen: 2.102 ug/L
RT: 2.51 min Scan# 441
Delta R.T. 0.04 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 7534

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.4	23.2#

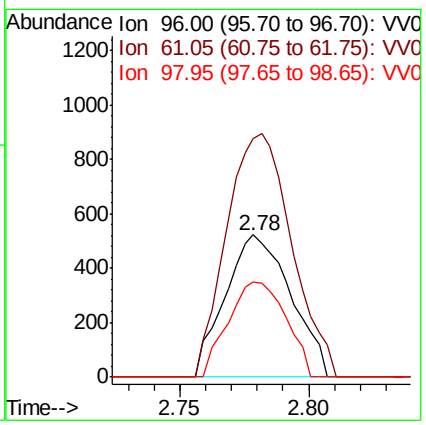


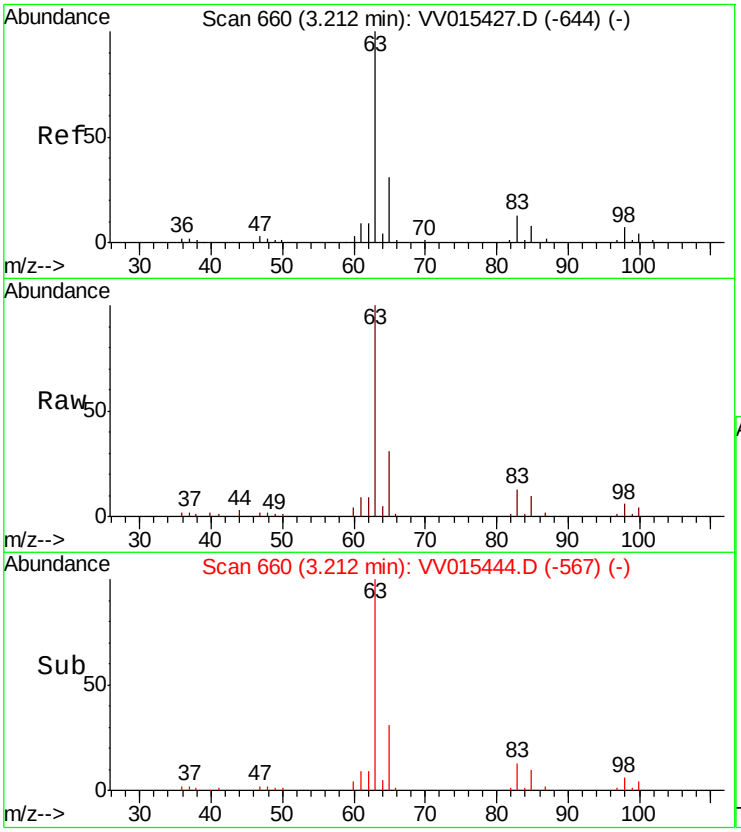


#18
trans-1,2-Dichloroethene
Concen: 0.111 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 96 Resp: 925

Ion	Ratio	Lower	Upper
96	100		
61	167.7	104.4	194.0
98	67.2	42.8	79.4



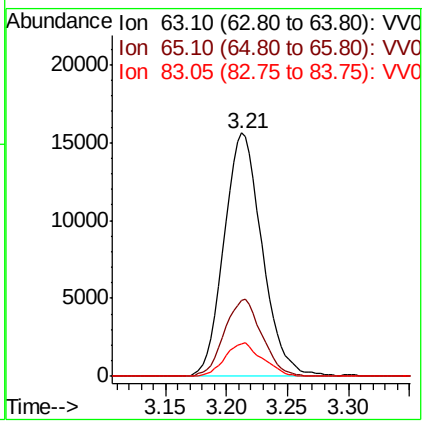


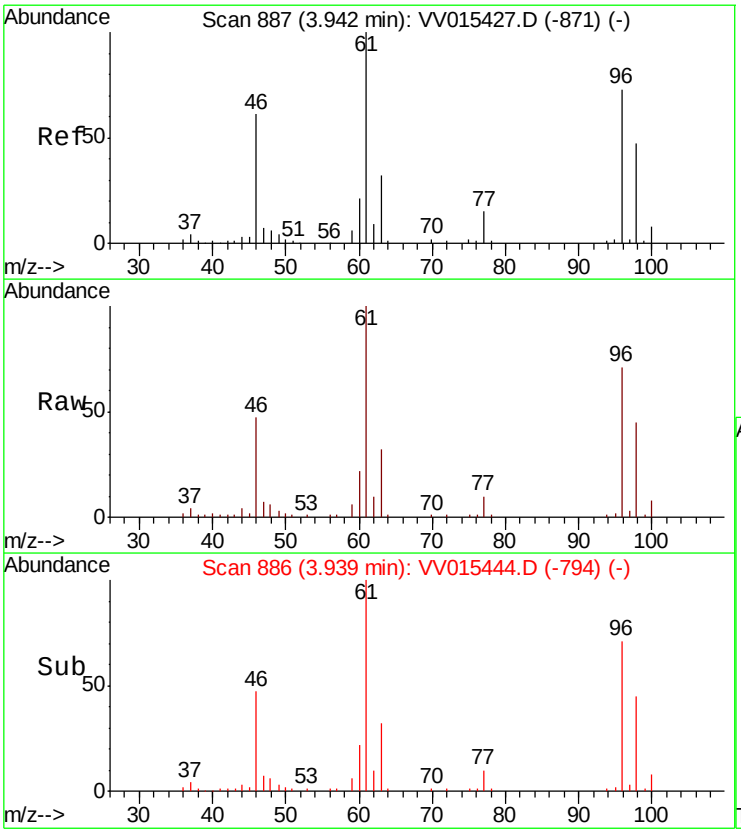
#19
1,1-Dichloroethane
Concen: 2.167 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 34012

Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.3	39.6
83	13.3	9.4	17.6

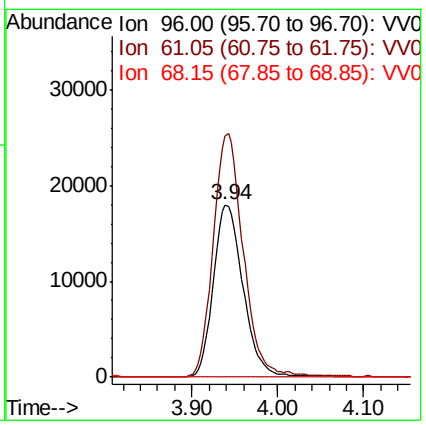


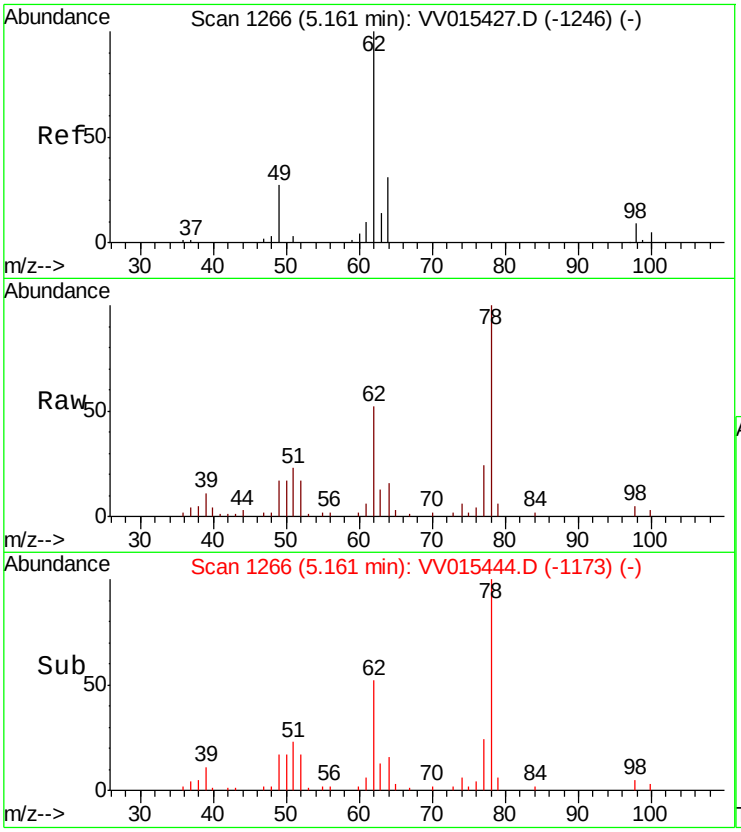


#22
cis-1,2-Dichloroethene
Concen: 5.006 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 96 Resp: 43278

Ion	Ratio	Lower	Upper
96	100		
61	139.9	100.0	185.8
68	0.0	0.0	0.0



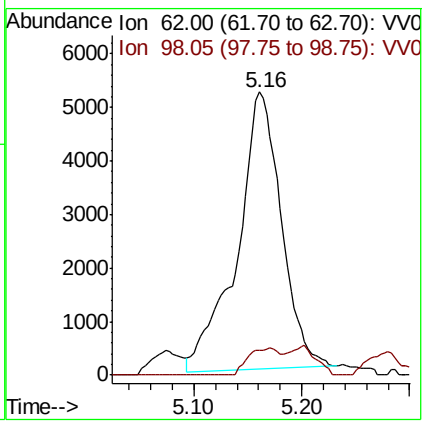


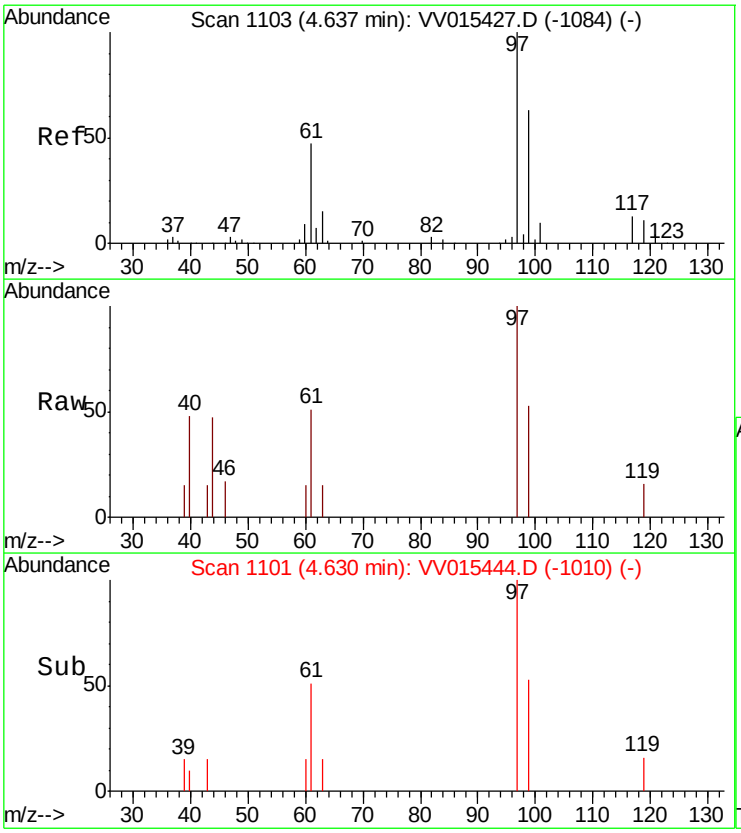
#27
1,2-Dichloroethane
Concen: 1.422 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 14766

Ion	Ratio	Lower	Upper
62	100		
98	8.7	6.6	10.0

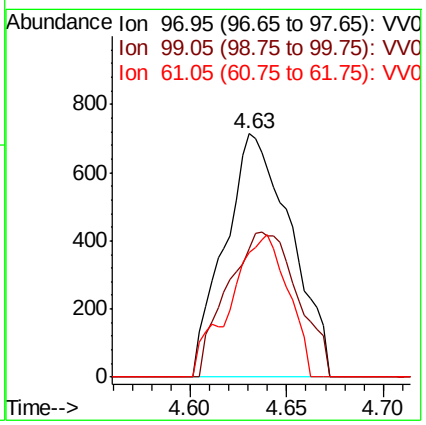


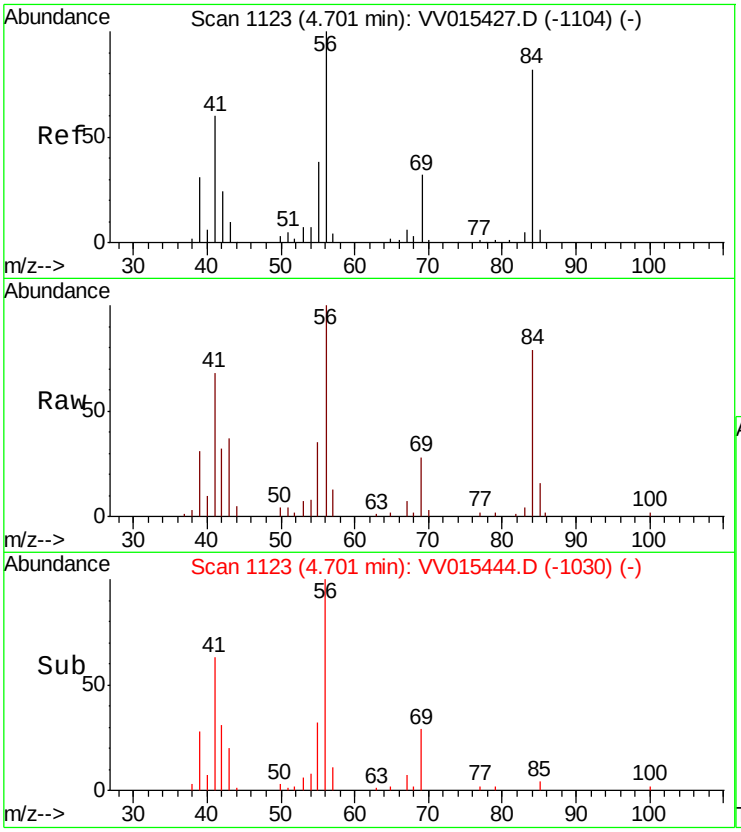


#29
1,1,1-Trichloroethane
Concen: 0.116 ug/L
RT: 4.63 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 97 Resp: 1697

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.6	77.4
61	51.4	39.0	58.6



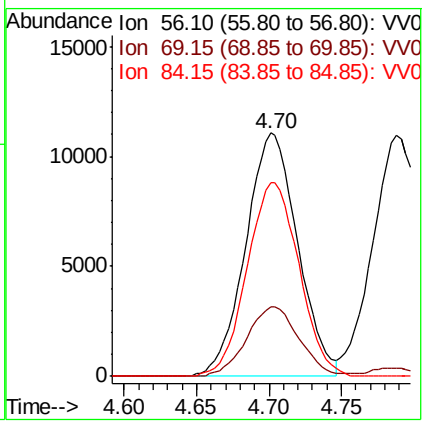


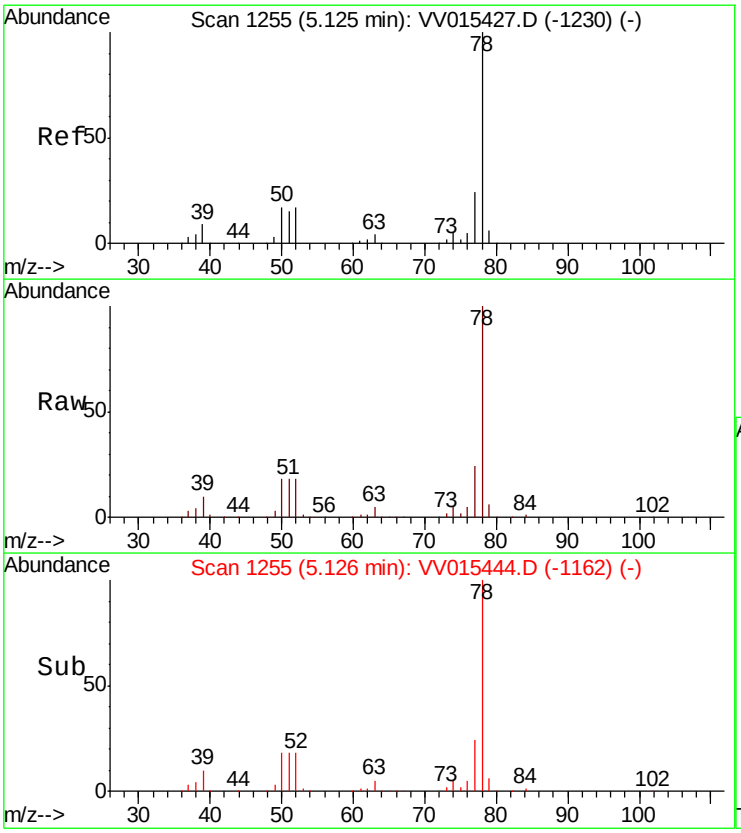
#30
Cyclohexane
Concen: 1.769 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 27587

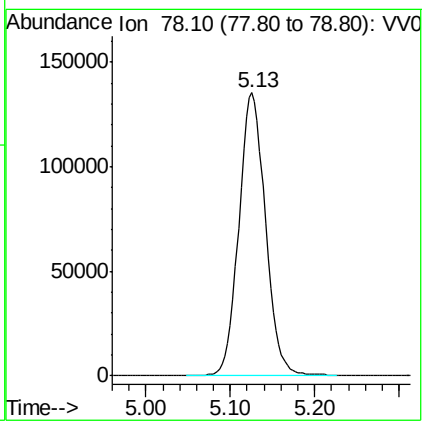
Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.2	36.4
84	79.5	68.4	102.6

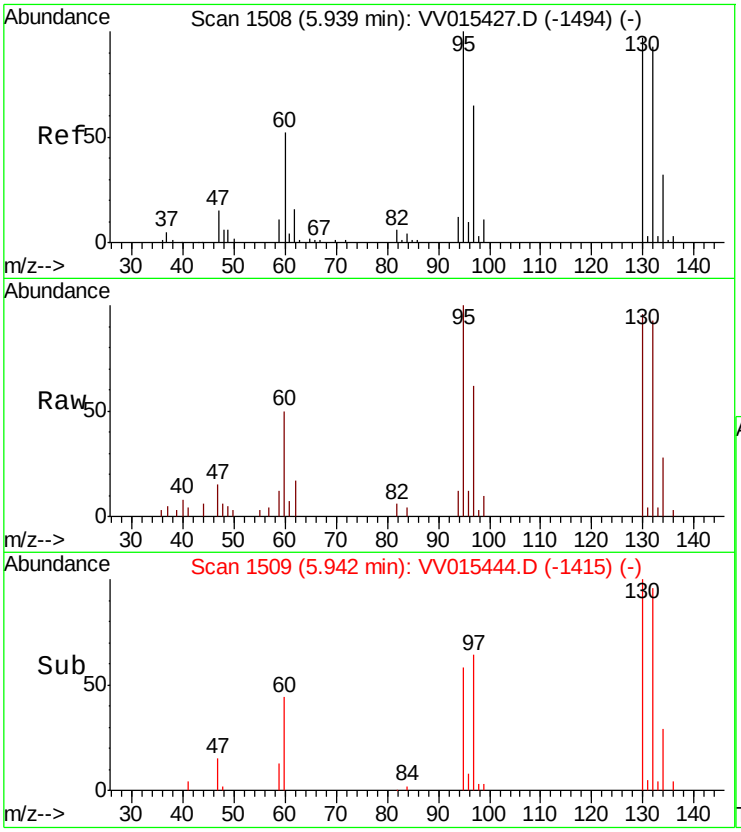




#33
Benzene
Concen: 8.798 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 78 Resp: 298045



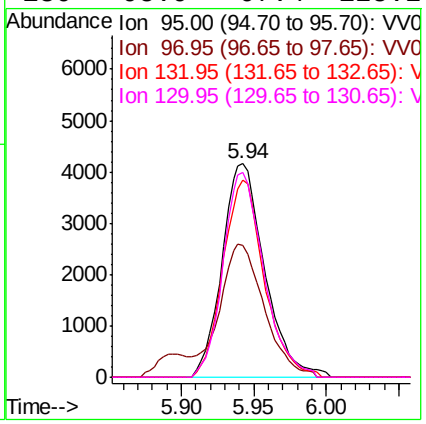


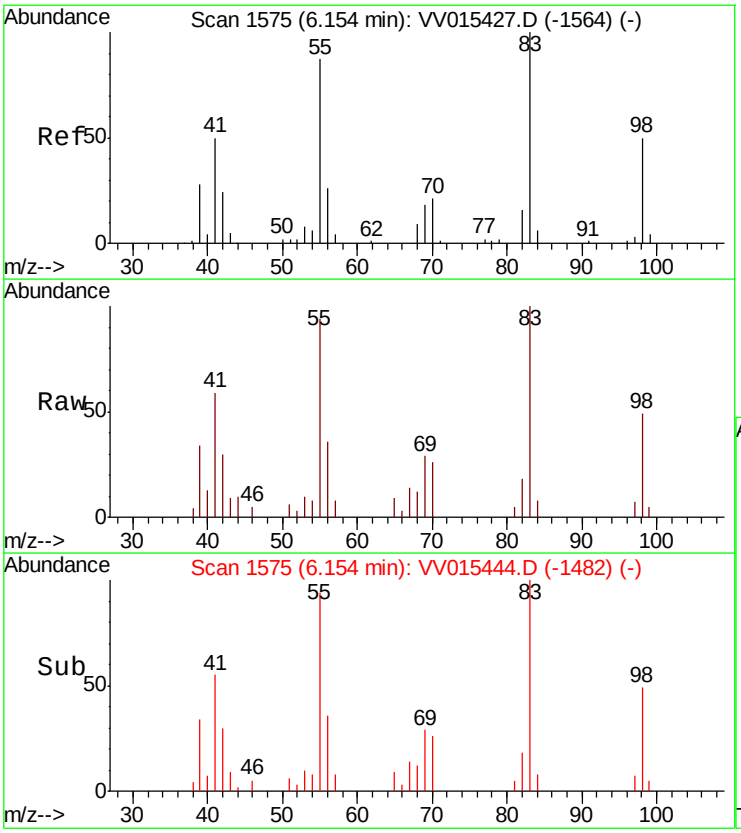
#34
Trichloroethene
Concen: 0.931 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 8493

Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.4	84.4
132	92.5	64.8	120.4
130	95.9	67.4	125.2

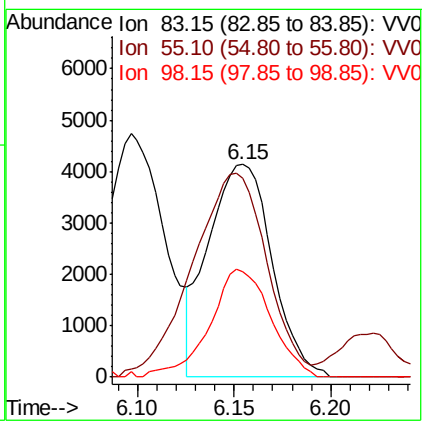


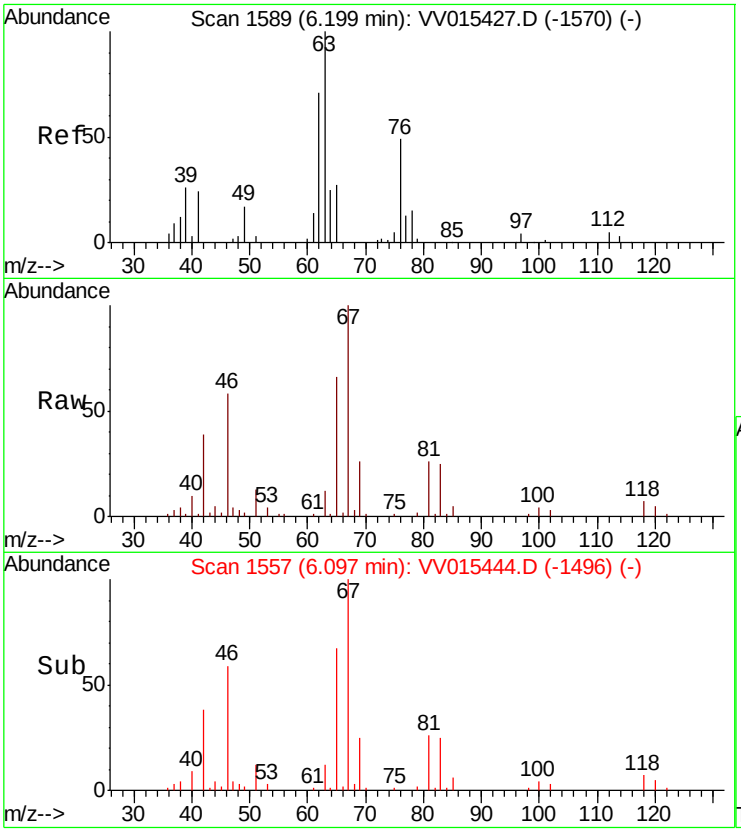


#35
Methylcyclohexane
Concen: 0.619 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 83 Resp: 9511

Ion	Ratio	Lower	Upper
83	100		
55	112.0	66.6	99.8#
98	48.3	38.7	58.1



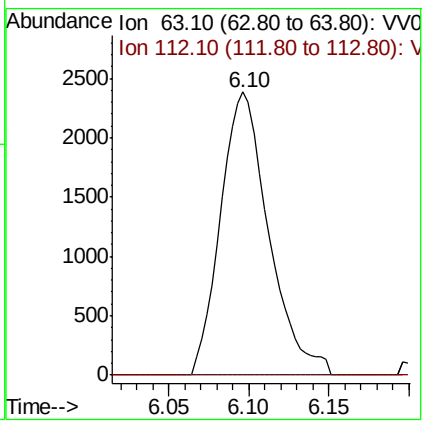


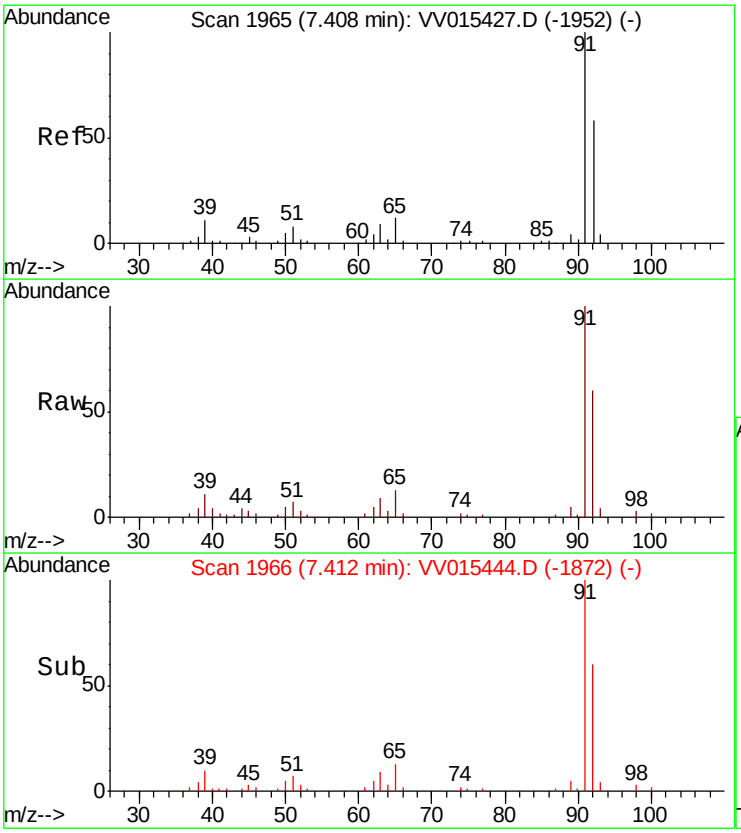
#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 4919

Ion	Ratio	Lower	Upper
63	100		
112	10.6	3.6	5.4#

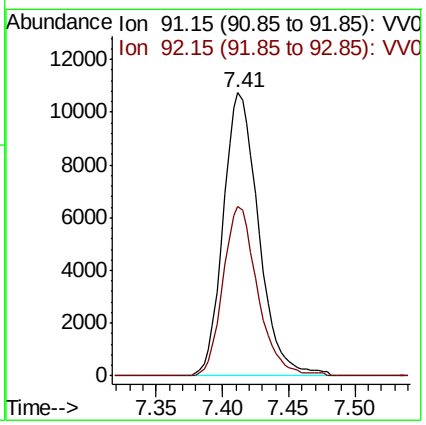


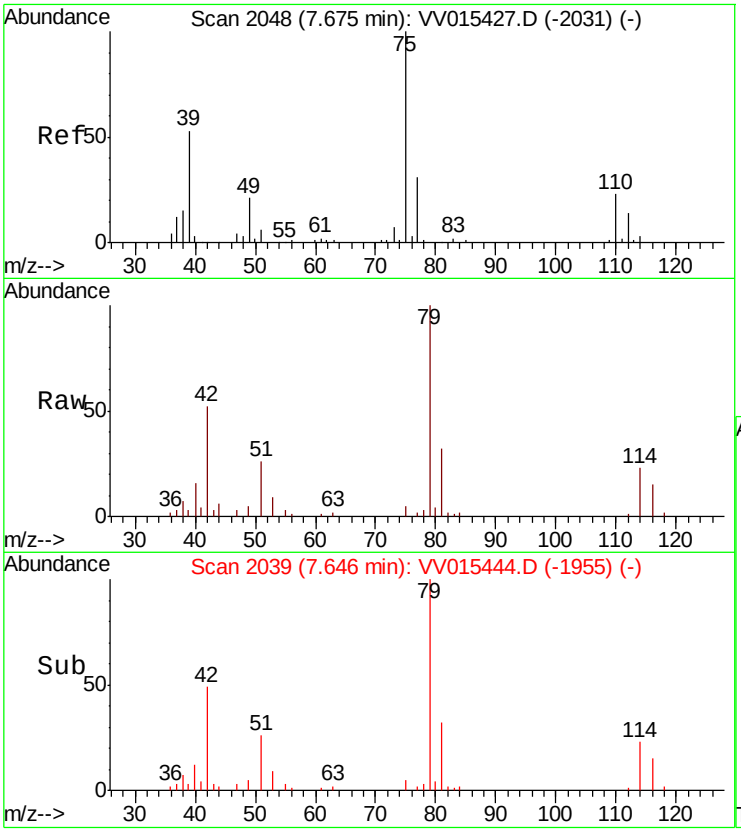


#42
Toluene
Concen: 0.542 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 91 Resp: 19931

Ion	Ratio	Lower	Upper
91	100		
92	60.0	40.2	74.6



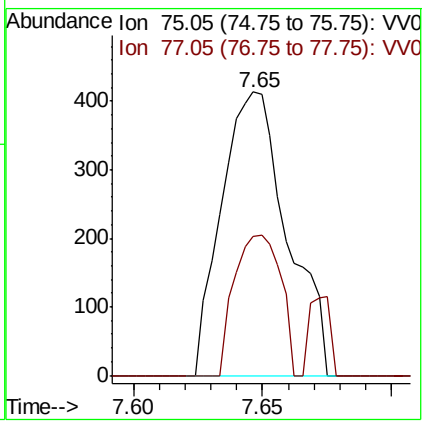


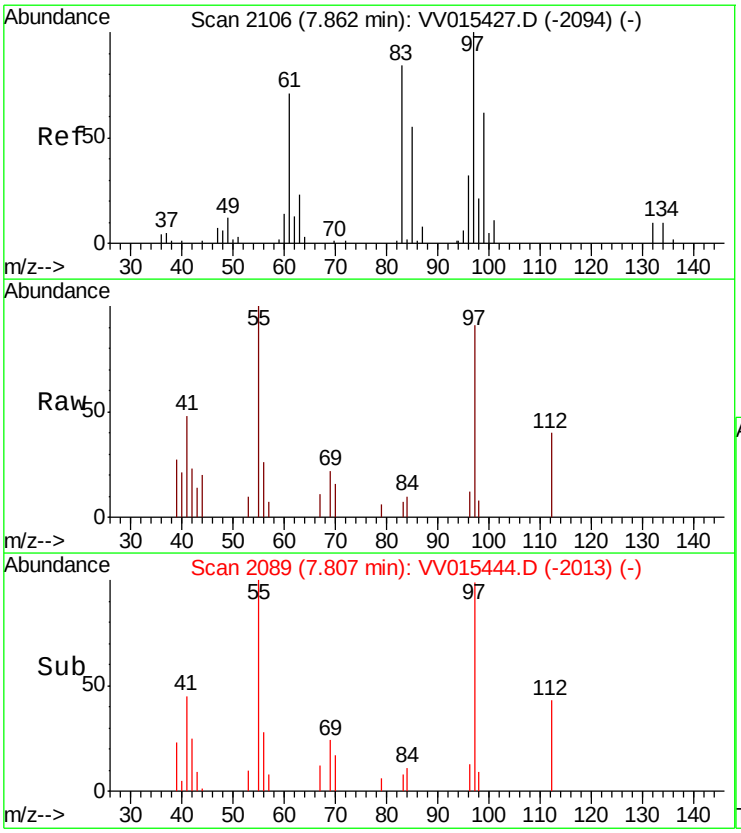
#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 735

Ion	Ratio	Lower	Upper
75	100		
77	48.9	21.0	39.0#

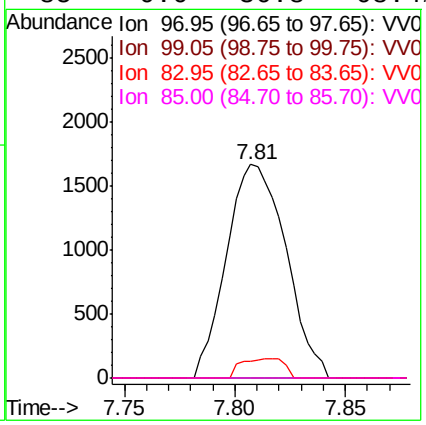


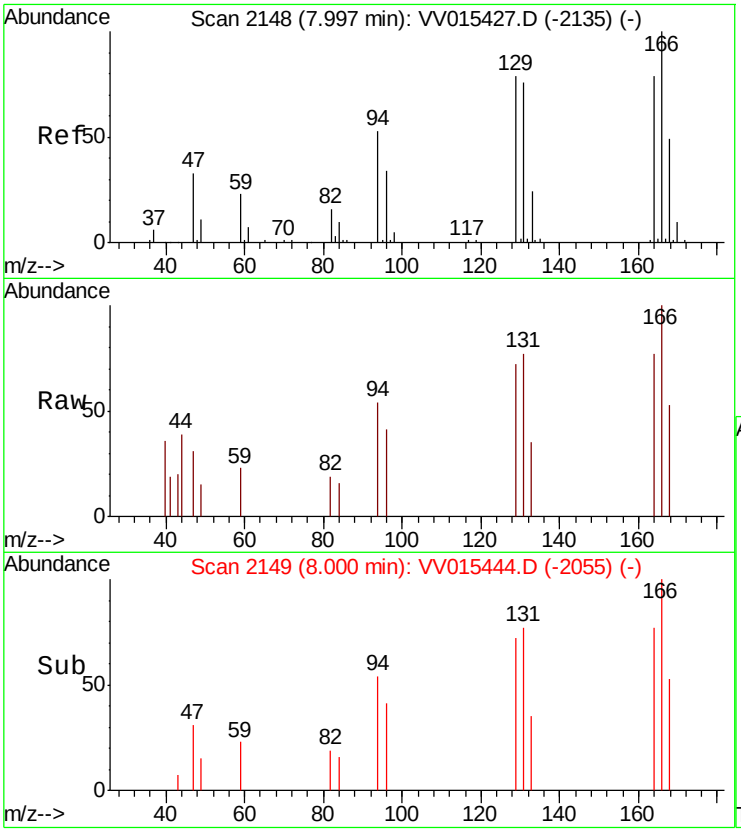


#45
1,1,2-Trichloroethane
Concen: 0.551 ug/L
RT: 7.81 min Scan# 2089
Delta R.T. -0.05 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 97 Resp: 3114

Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.3	76.7#
83	8.0	60.5	112.3#
85	0.0	36.8	68.4#



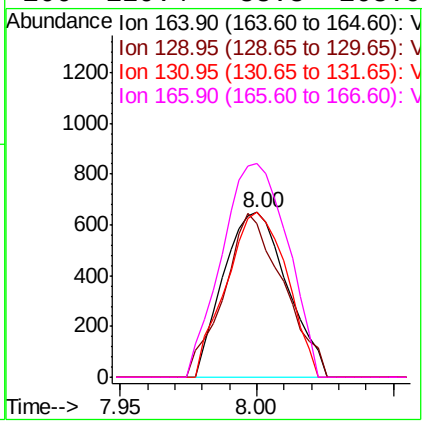


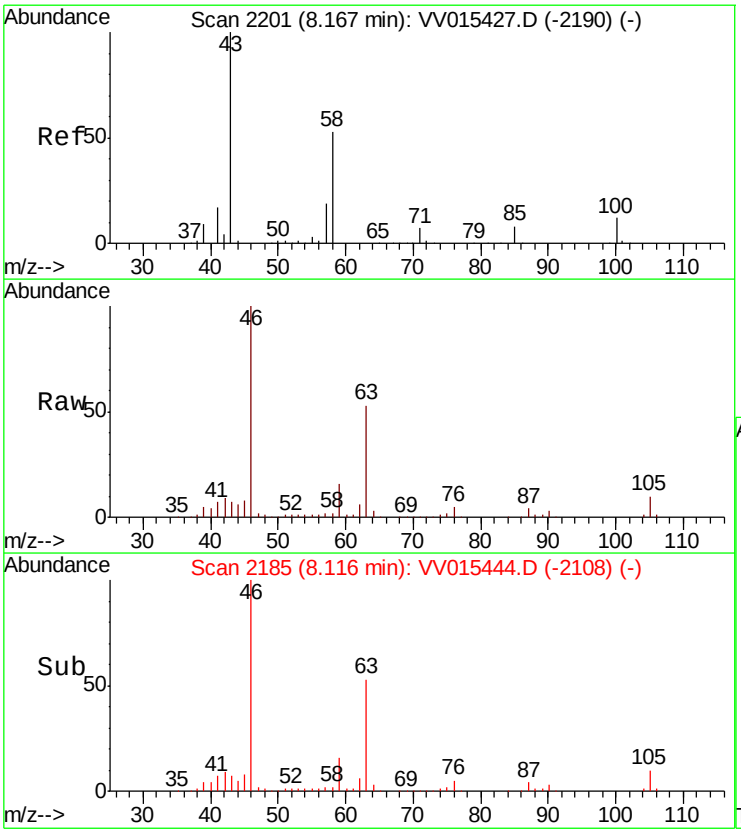
#47
Tetrachloroethene
Concen: 0.156 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 1056

Ion	Ratio	Lower	Upper
164	100		
129	92.8	70.6	131.0
131	100.0	68.3	126.8
166	129.4	88.3	163.9

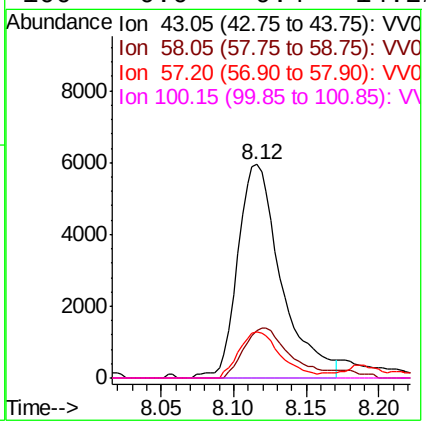


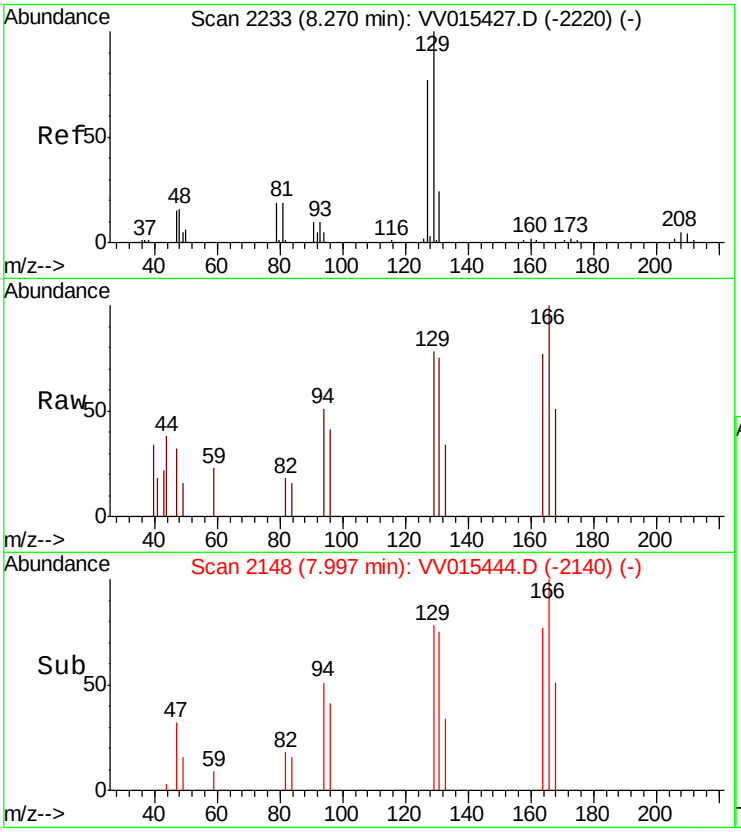


#48
2-Hexanone
Concen: 3.218 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion: 43 Resp: 12407

Ion	Ratio	Lower	Upper
43	100		
58	24.7	41.4	62.0#
57	20.7	15.0	22.4
100	0.0	9.4	14.2#



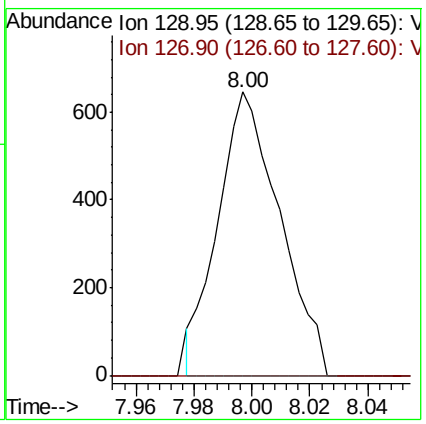


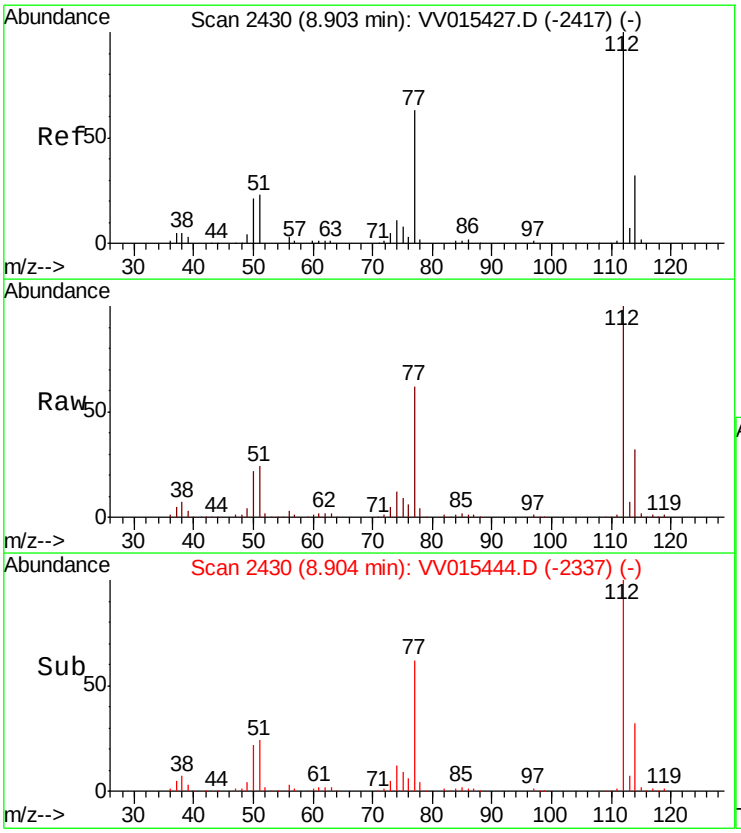
#49
Dibromochloromethane
Concen: 0.141 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 956

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#

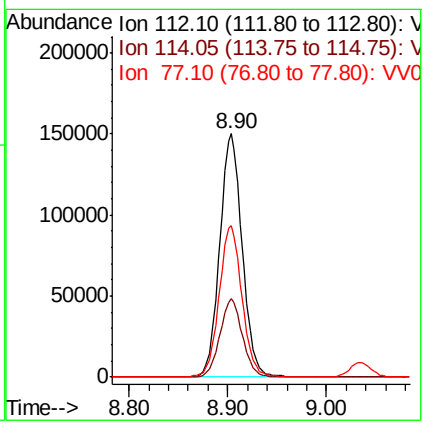


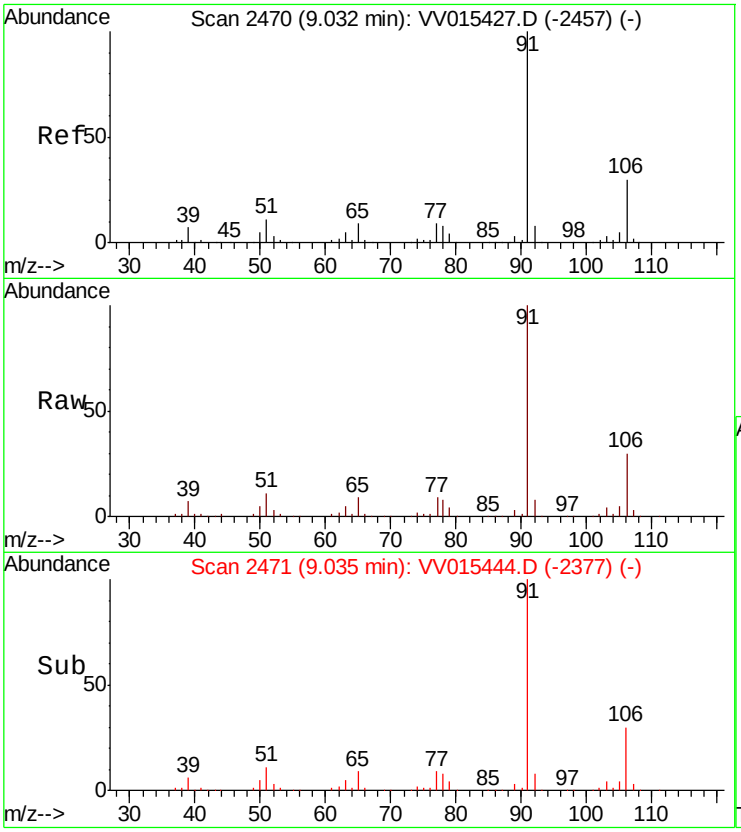


#51
Chlorobenzene
Concen: 10.242 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion:112 Resp: 240131

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.9	42.5
77	62.4	49.8	74.8



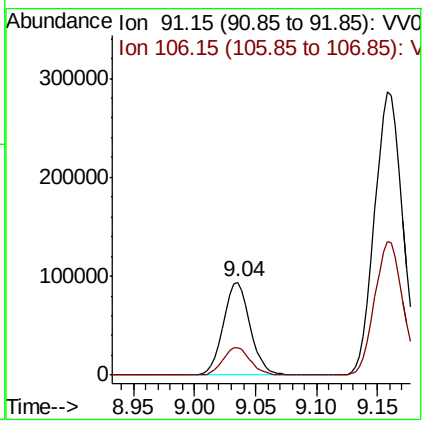


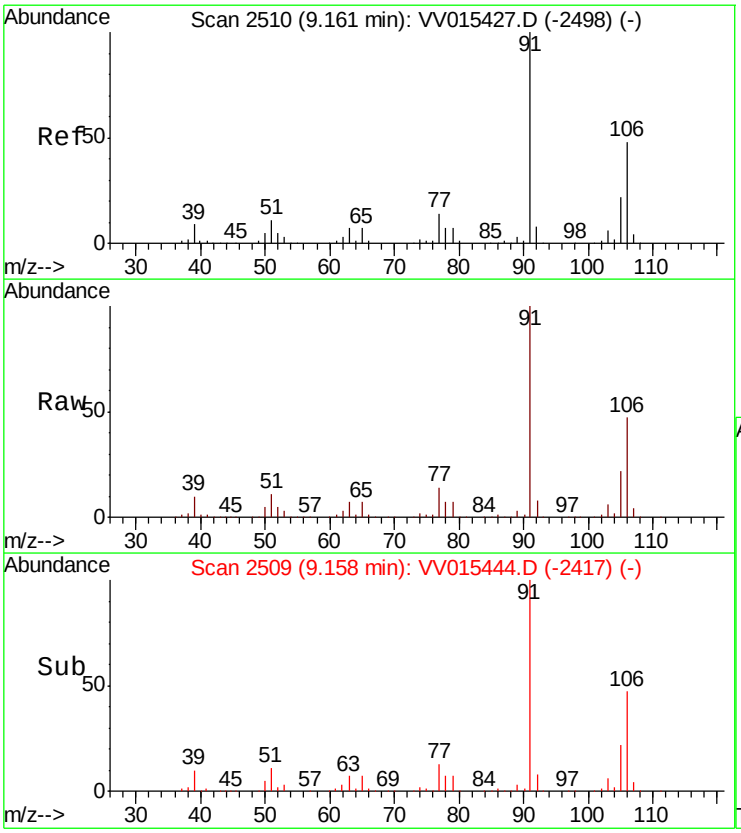
#52
Ethylbenzene
Concen: 3.458 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 146421

Ion	Ratio	Lower	Upper
91	100		
106	30.1	20.8	38.6

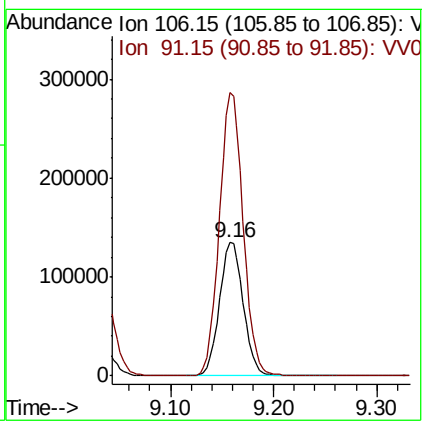


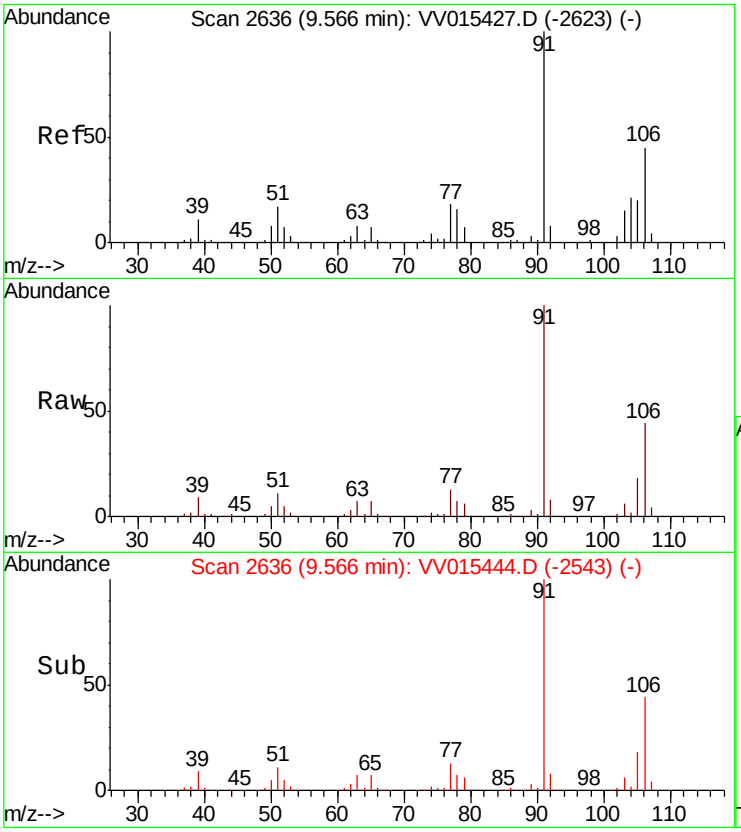


#53
m,p-xylene
Concen: 13.556 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion:106 Resp: 216760

Ion	Ratio	Lower	Upper
106	100		
91	211.9	147.9	274.7



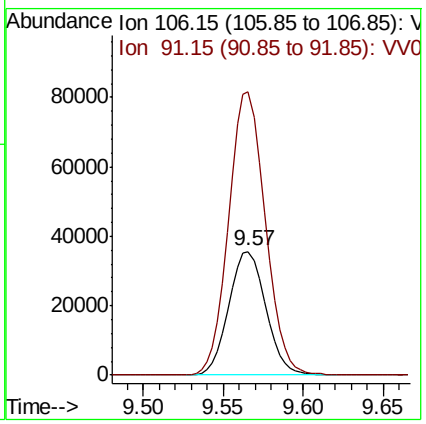


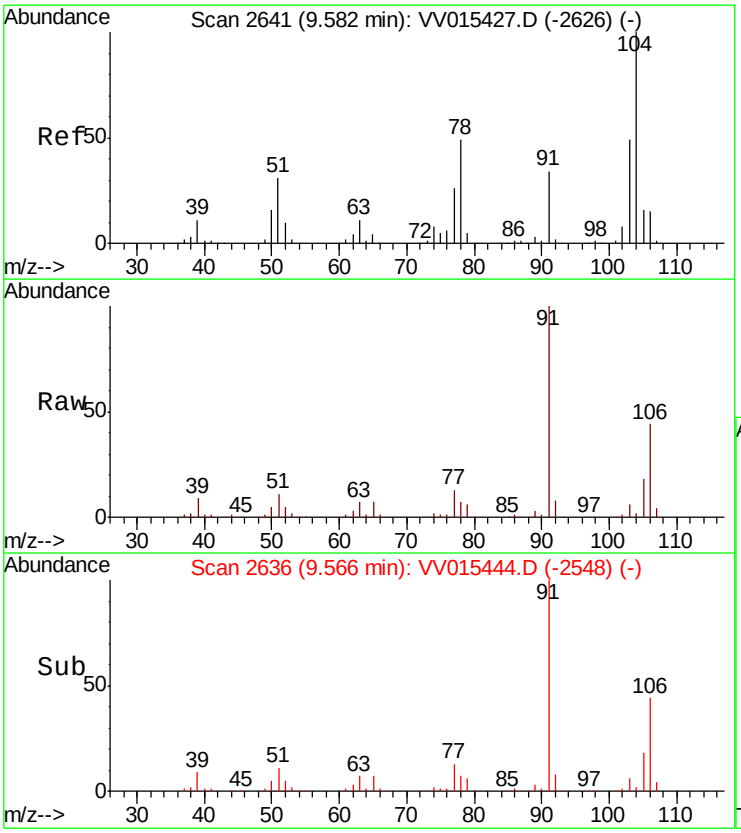
#54
o-xylene
Concen: 3.630 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 56179

Ion	Ratio	Lower	Upper
106	100		
91	228.6	154.5	286.9

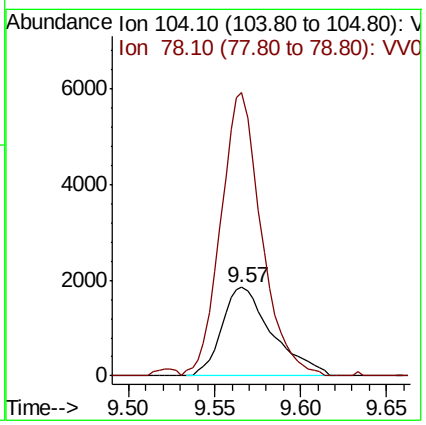


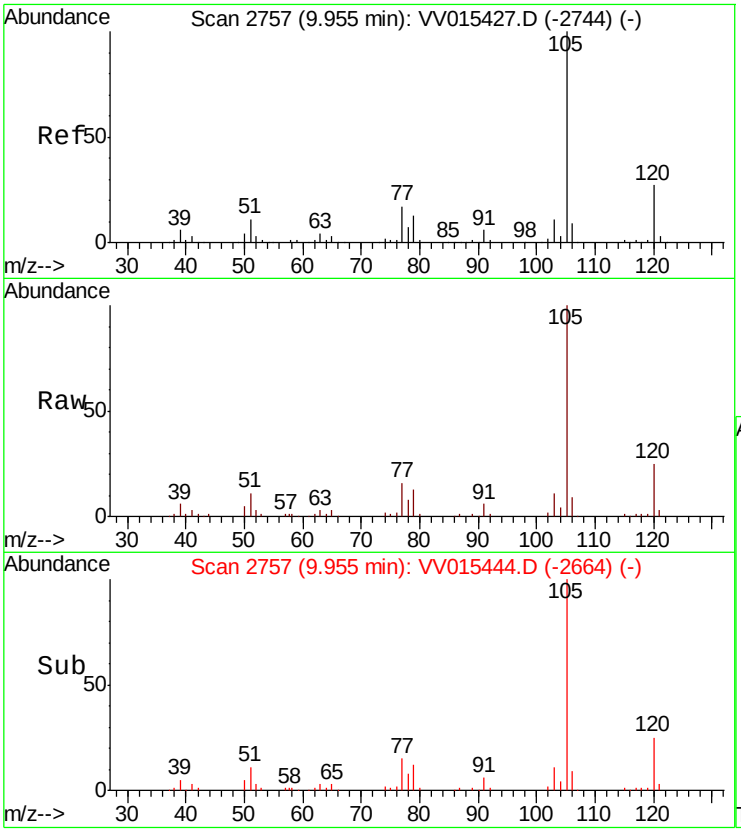


#55
Styrene
Concen: 0.146 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.02 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion:104 Resp: 3788

Ion	Ratio	Lower	Upper
104	100		
78	319.9	33.5	62.3#



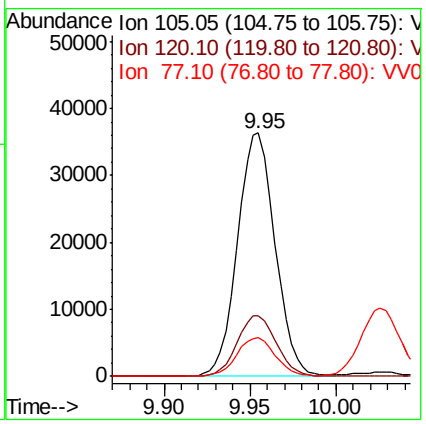


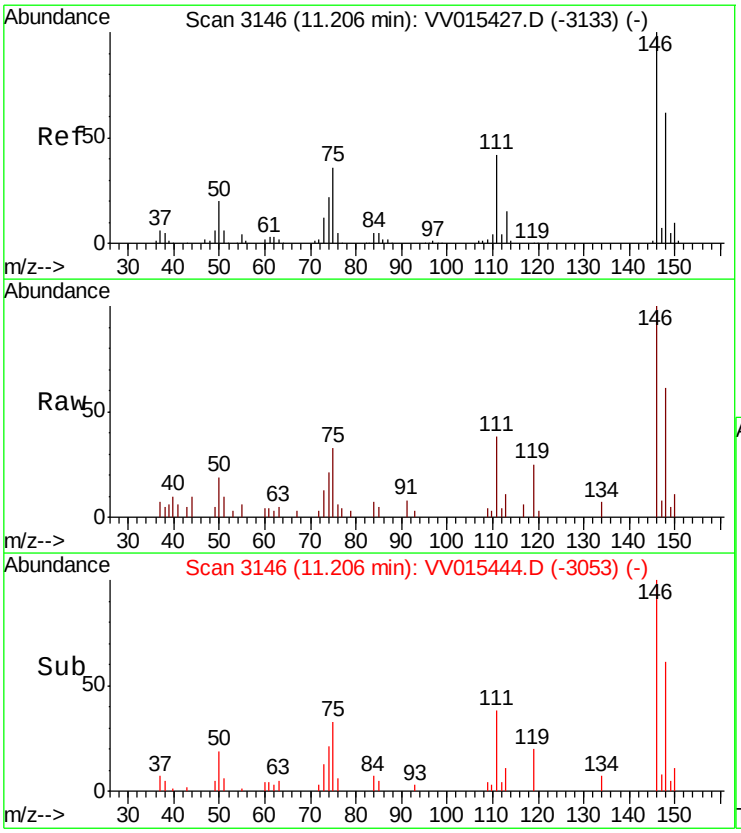
#56
Isopropylbenzene
Concen: 1.304 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 55340

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.7	31.1
77	16.4	13.5	20.3

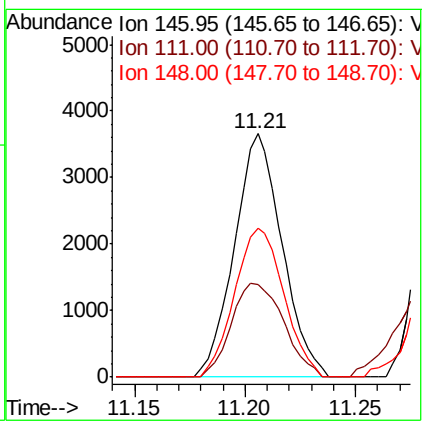


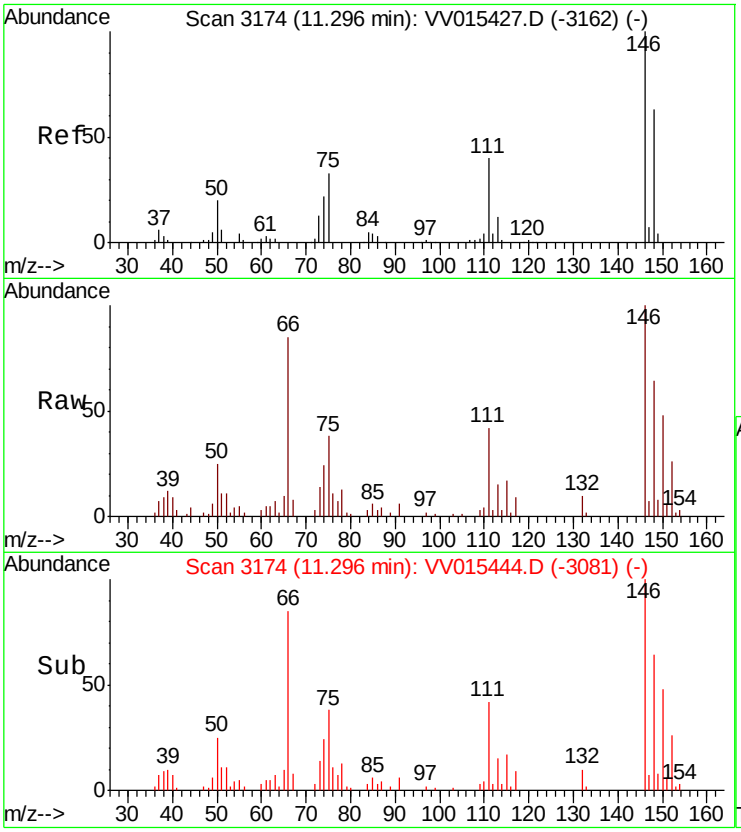


#62
1,3-Dichlorobenzene
Concen: 0.304 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion:146 Resp: 5510

Ion	Ratio	Lower	Upper
146	100		
111	38.1	29.3	54.5
148	61.0	42.4	78.6



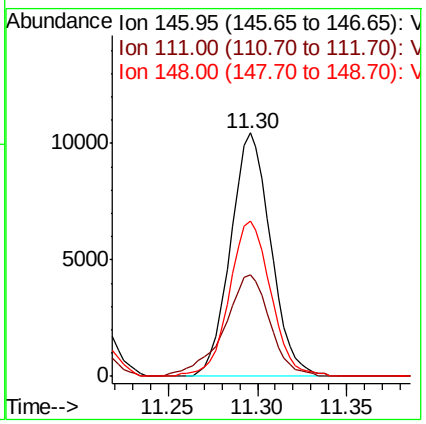


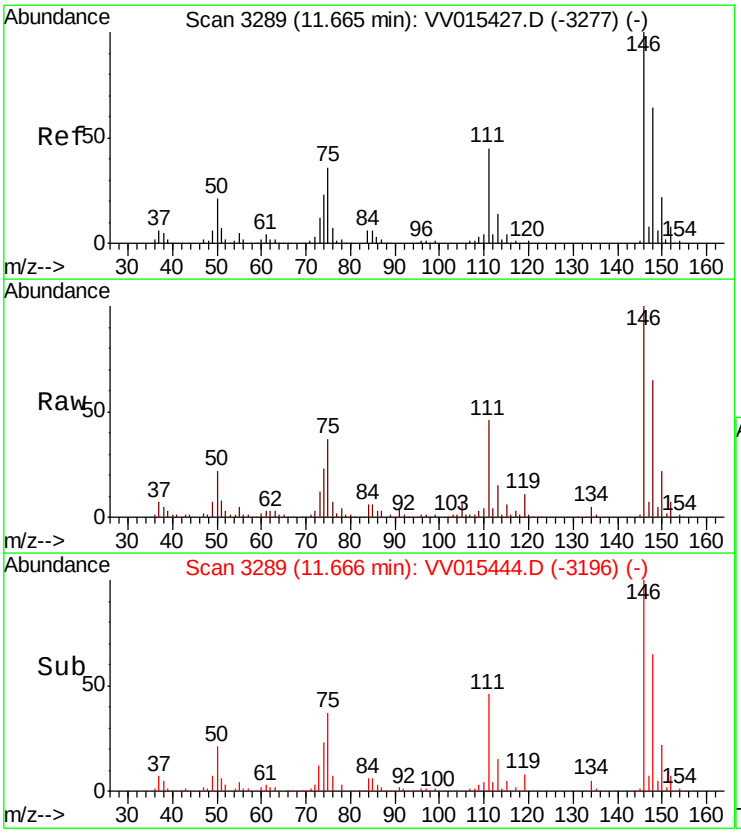
#63
1,4-Dichlorobenzene
Concen: 0.889 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 16380

Ion	Ratio	Lower	Upper
146	100		
111	41.6	29.4	54.6
148	63.9	44.3	82.3

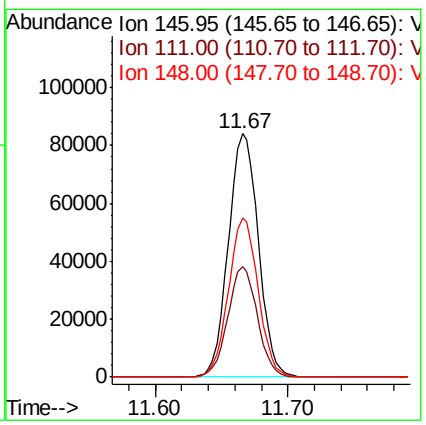


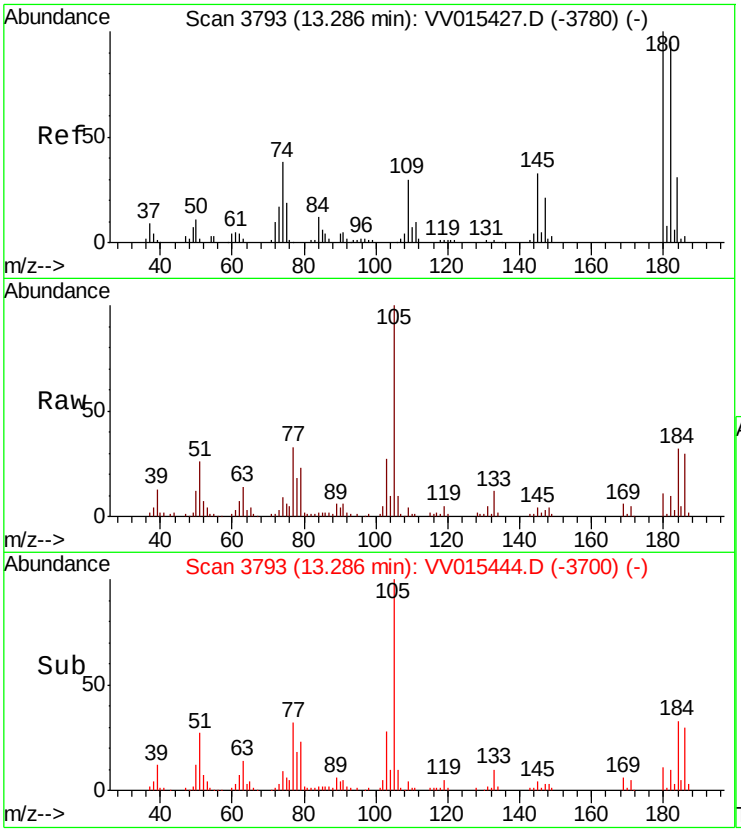


#65
1,2-Dichlorobenzene
Concen: 8.002 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion:146 Resp: 132058

Ion	Ratio	Lower	Upper
146	100		
111	45.6	35.8	53.6
148	65.1	50.2	75.4



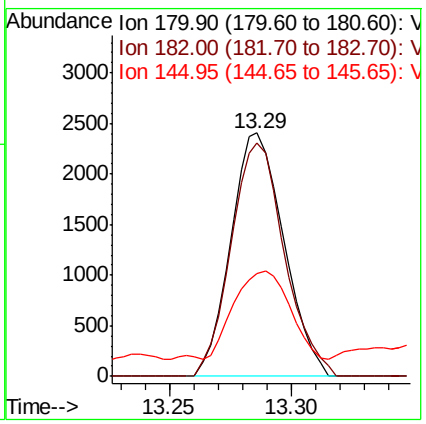


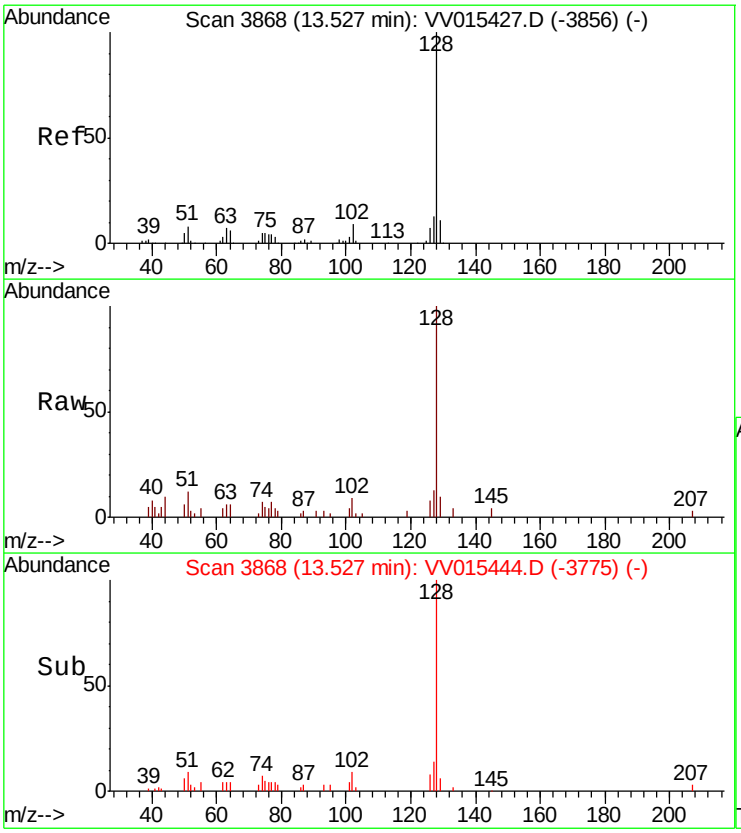
#68
1,2,4-trichlorobenzene
Concen: 0.307 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 3617

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.6	115.0
145	38.2	25.9	38.9





#69
Naphthalene
Concen: 0.359 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV015444.D
Acq: 10 Apr 2020 01:56

Tgt Ion:128 Resp: 7960

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.7	10.4	15.6