Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017032.D
Acq On : 22 Jun 2020 21:21
Operator : SY/MD
Sample : L3067-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH0

Quant Time: Jun 23 06:18:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	178836	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175740	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	88818	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45727	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.58	69	36119	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	2.13	63	117937	5.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 115.40%			
20) 2-Butanone-d5	3.93	46	136280	49.82	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.64%			
24) Chloroform-d	4.38	84	109681	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.06	65	59100	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.07	84	210269	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.09	67	63655	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.34	98	197624	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
45) trans-1,3-Dichloropropene-	7.64	79	23841	4.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.80%			
48) 2-Hexanone-d5	8.11	63	95505	44.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.18%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44706	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	79488	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	16557	1.411	ug/L #	63
8) Chloroethane	1.60	64	20750	3.199	ug/L #	79
12) 1,1-Dichloroethene	2.14	96	84917	9.894	ug/L #	76
13) Acetone	2.20	43	10460	7.564	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	2093	0.230	ug/L	92
19) 1,1-Dichloroethane	3.21	63	1902487	93.096	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	44704	3.594	ug/L #	97
29) 1,1,1-Trichloroethane	4.64	97	6013751	285.623	ug/L	98
33) Benzene	5.13	78	30261	0.658	ug/L	100
34) Trichloroethene	5.94	95	2051	0.152	ug/L	93
42) Toluene	7.41	91	8165	0.153	ug/L	89
47) 1,1,2-Trichloroethane	7.87	97	1045	0.129	ug/L	87
49) Tetrachloroethene	8.00	164	1434	0.132	ug/L #	77
53) Chlorobenzene	8.90	112	20181	0.605	ug/L	97
58) Isopropylbenzene	9.95	105	6747	0.117	ug/L #	96
66) 1,2-Dichlorobenzene	11.67	146	9284	0.383	ug/L	95

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017032.D
Acq On : 22 Jun 2020 21:21
Operator : SY/MD
Sample : L3067-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH0

Quant Time: Jun 23 06:18:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017032.D
Acq On : 22 Jun 2020 21:21
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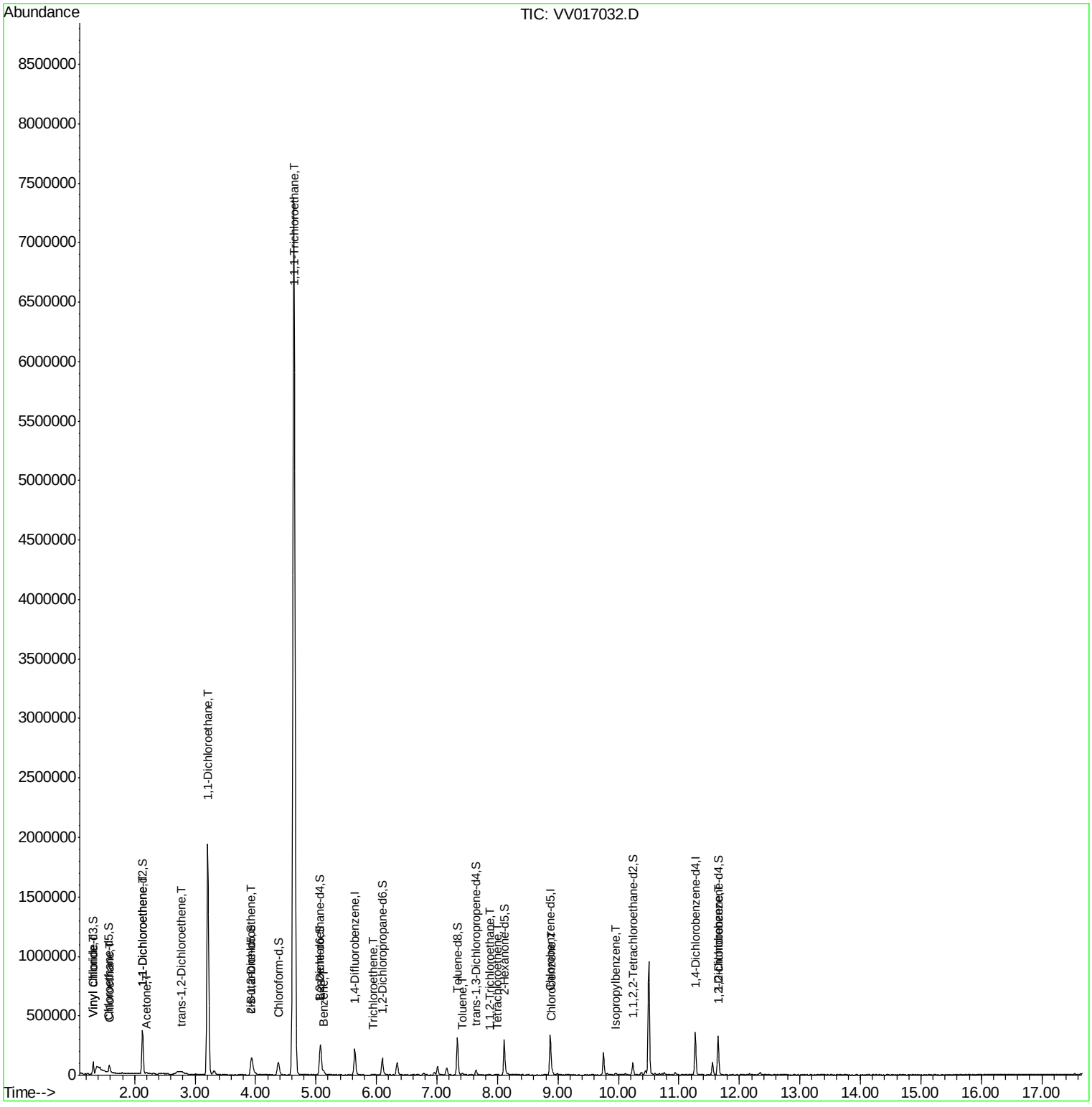
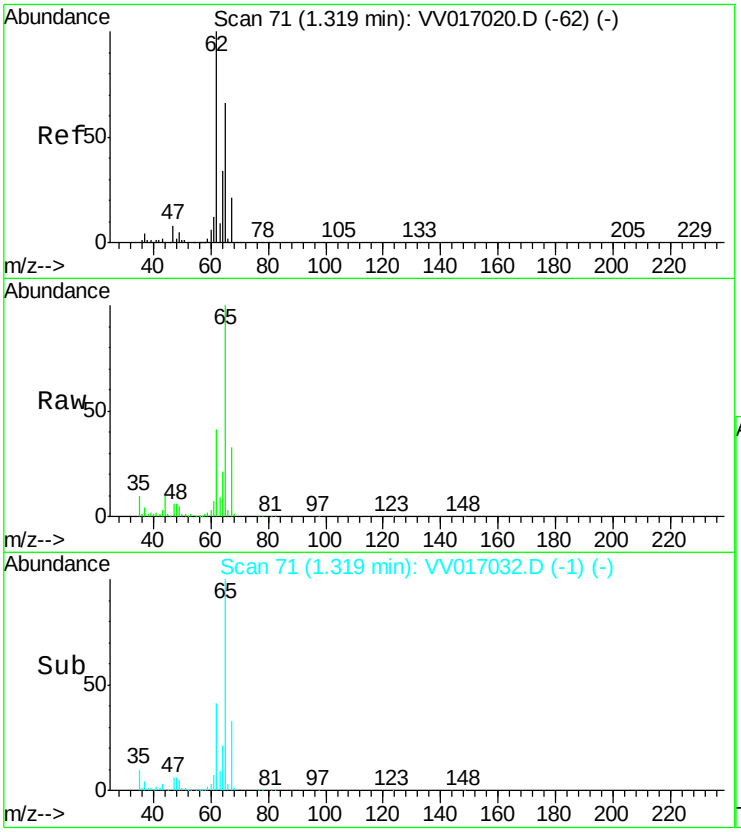
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration



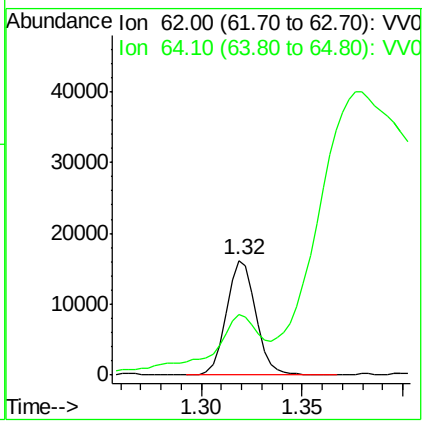


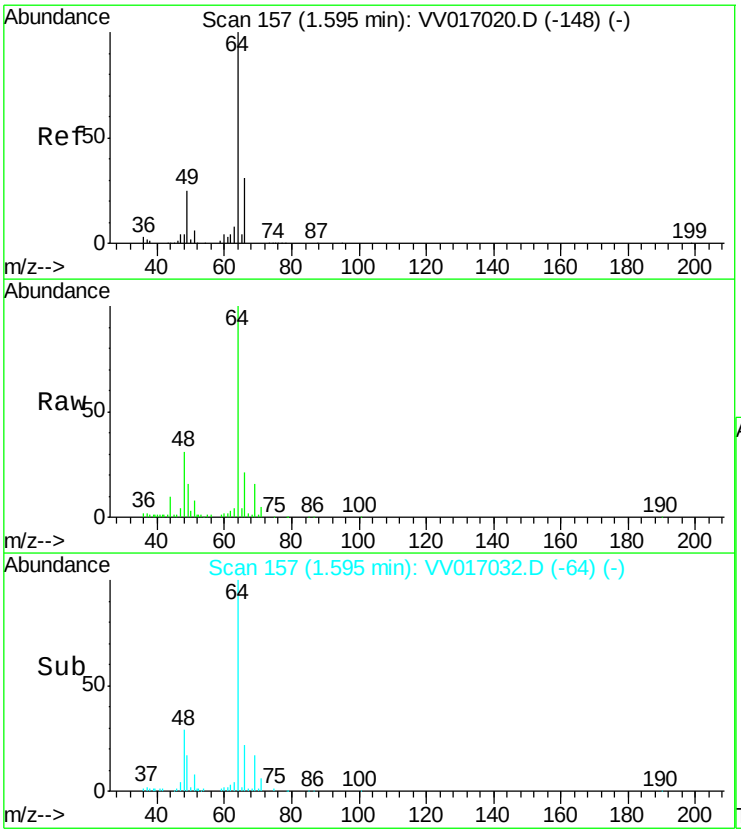
#5
Vinyl chloride
Concen: 1.411 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :
BFXH0

Tgt Ion: 62 Resp: 16557

Ion	Ratio	Lower	Upper
62	100		
64	52.6	22.5	41.7#

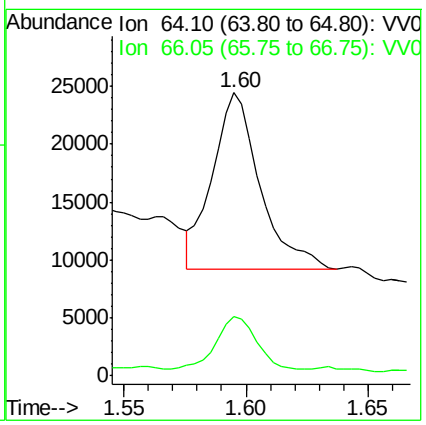


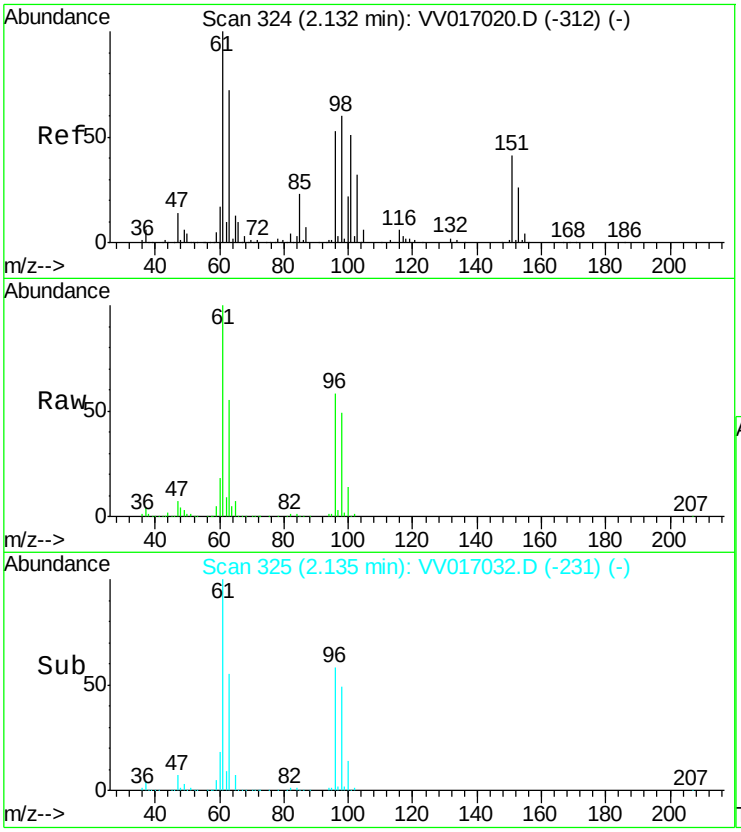


#8
Chloroethane
Concen: 3.199 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Tgt Ion: 64 Resp: 20750

Ion	Ratio	Lower	Upper
64	100		
66	20.9	22.8	42.4#



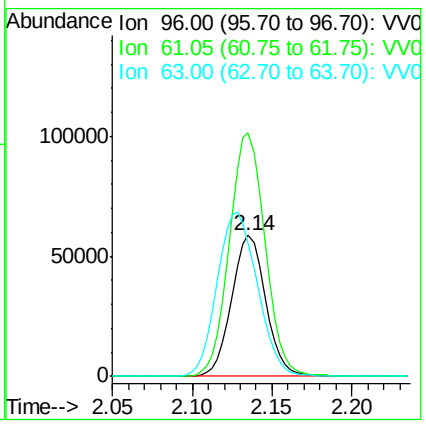


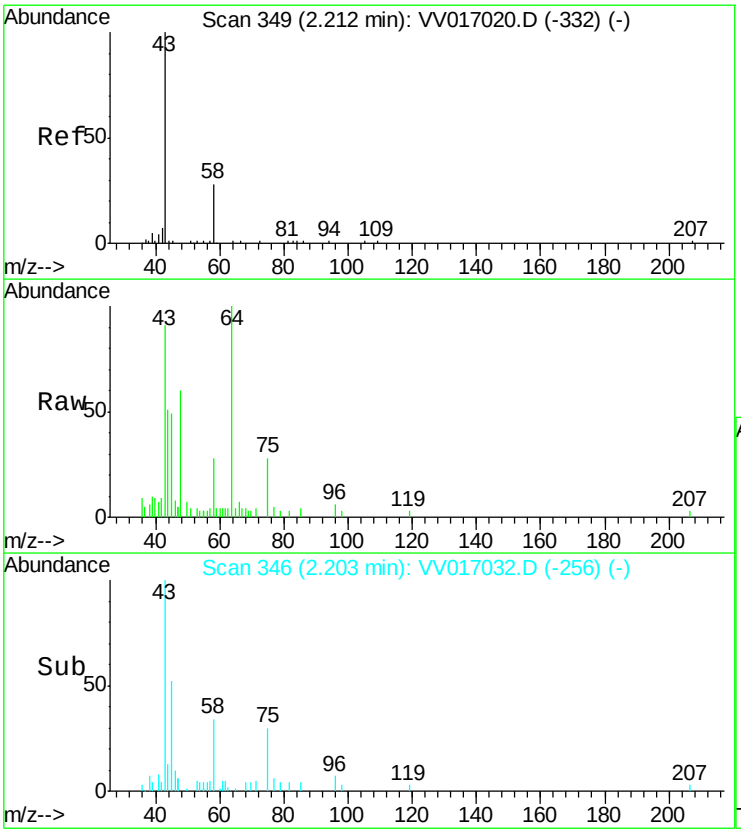
#12
1,1-Dichloroethene
Concen: 9.894 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :
BFXH0

Tgt Ion: 96 Resp: 84917

Ion	Ratio	Lower	Upper
96	100		
61	172.9	125.0	232.2
63	94.6	109.8	203.8#

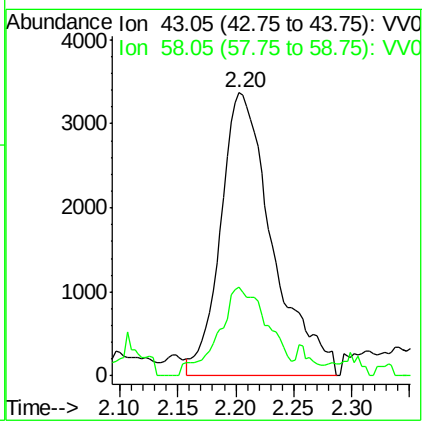


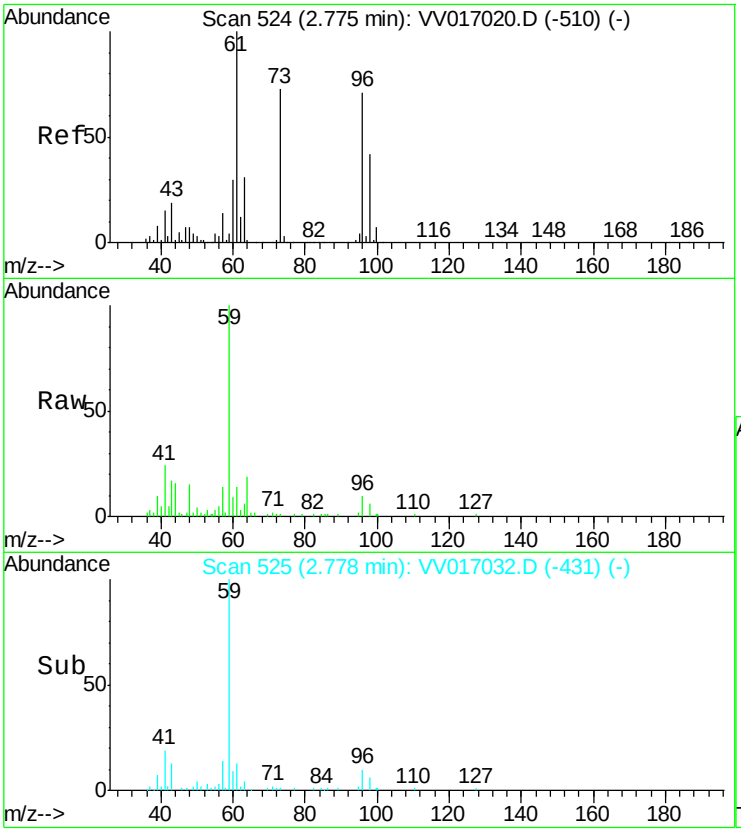


#13
Acetone
Concen: 7.564 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.01 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Tgt Ion: 43 Resp: 10460

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	58.4



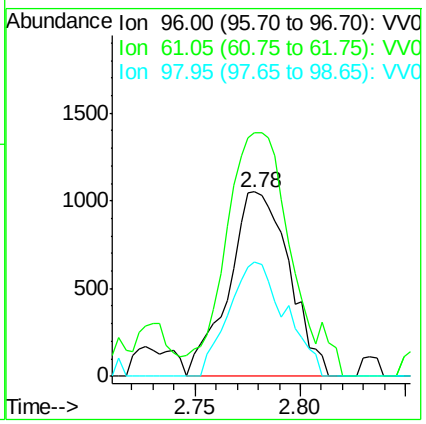


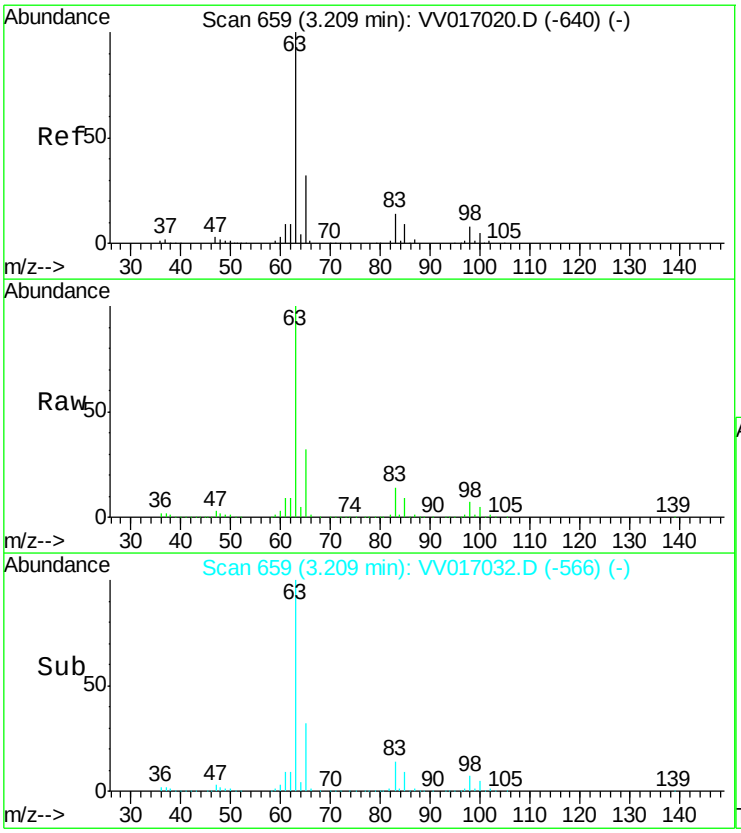
#18
trans-1,2-Dichloroethene
Concen: 0.230 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :
BFXH0

Tgt Ion: 96 Resp: 2093

Ion	Ratio	Lower	Upper
96	100		
61	132.1	102.3	189.9
98	62.2	44.7	82.9

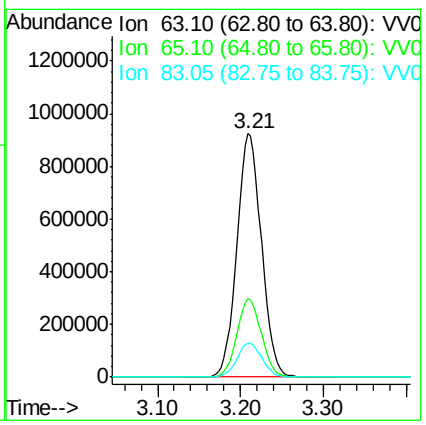


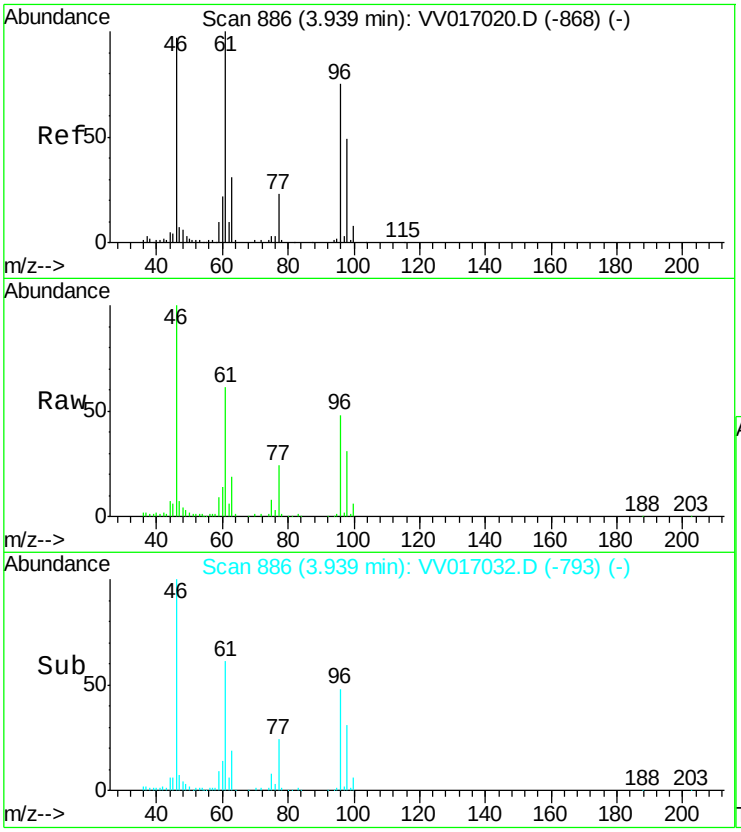


#19
1,1-Dichloroethane
Concen: 93.096 ug/L
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Tgt Ion: 63 Resp: 1902487

Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.8	40.4
83	14.1	9.7	17.9



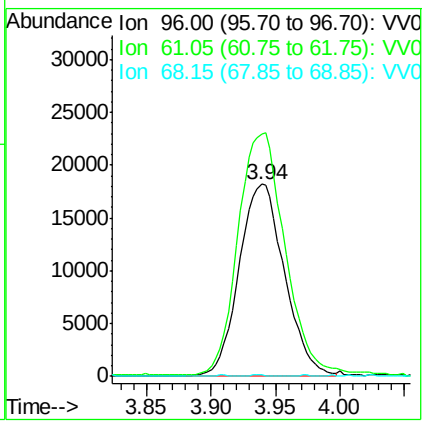


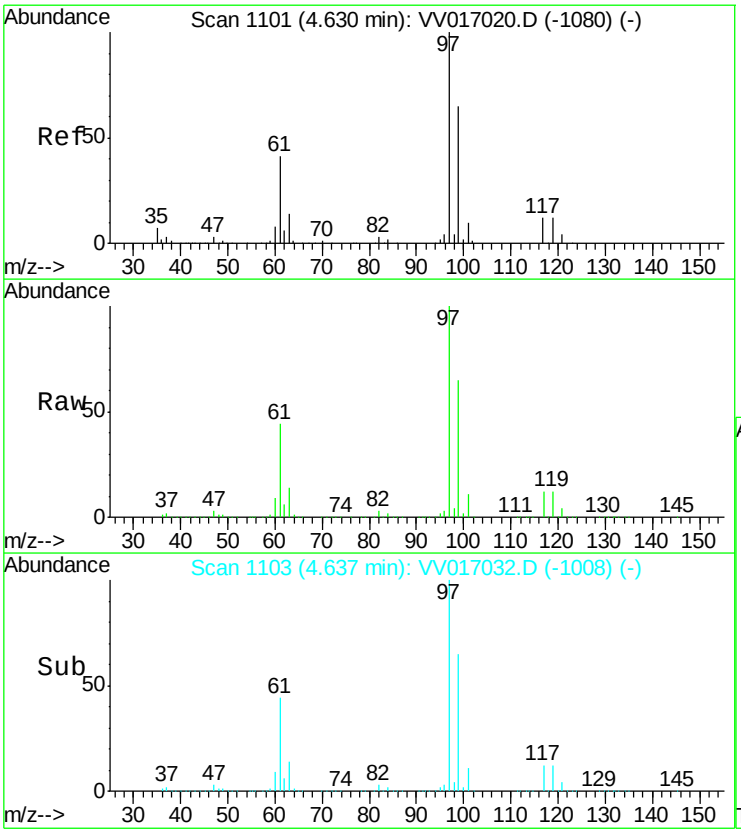
#22
cis-1,2-Dichloroethene
Concen: 3.594 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :
BFXH0

Tgt Ion: 96 Resp: 44704

Ion	Ratio	Lower	Upper
96	100		
61	126.5	91.0	169.0
68	0.7	0.0	0.0#

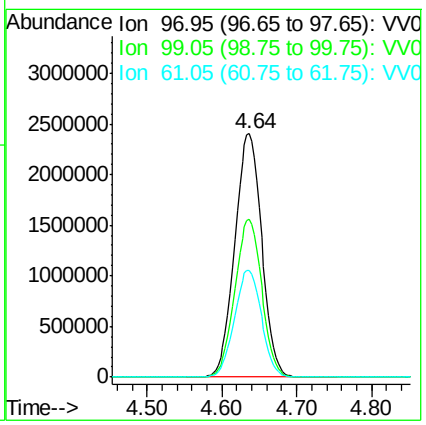


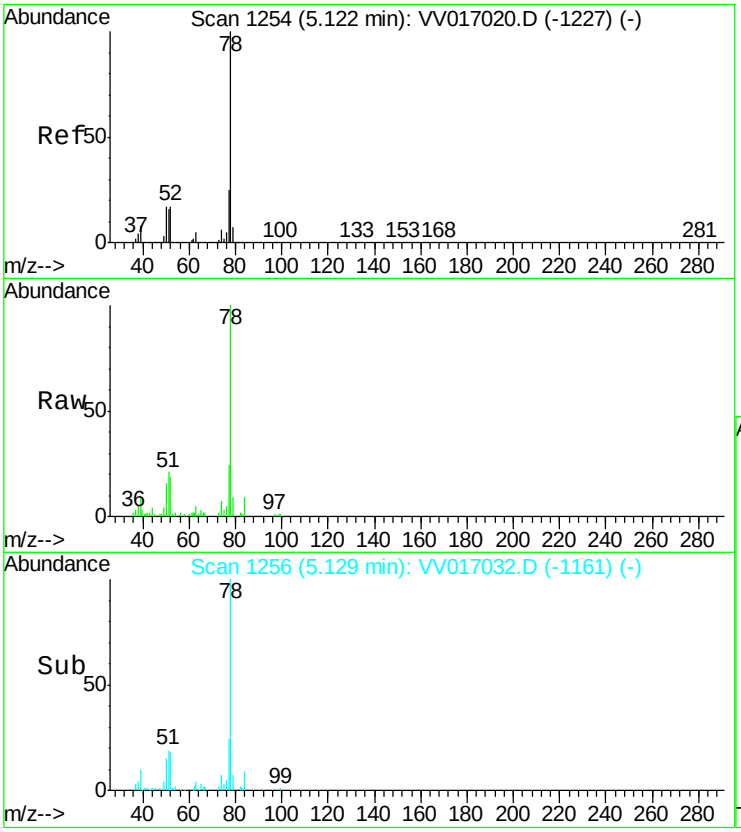


#29
1,1,1-Trichloroethane
Concen: 285.623 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Tgt Ion: 97 Resp: 6013751

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.3	75.5
61	44.0	36.0	54.0

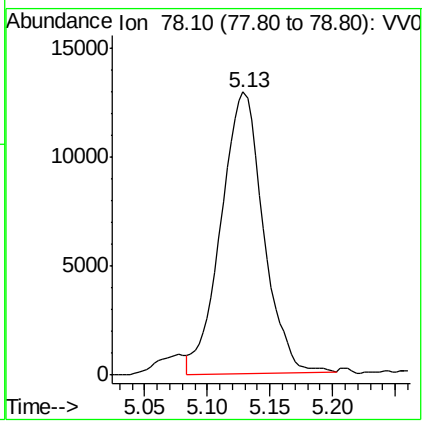


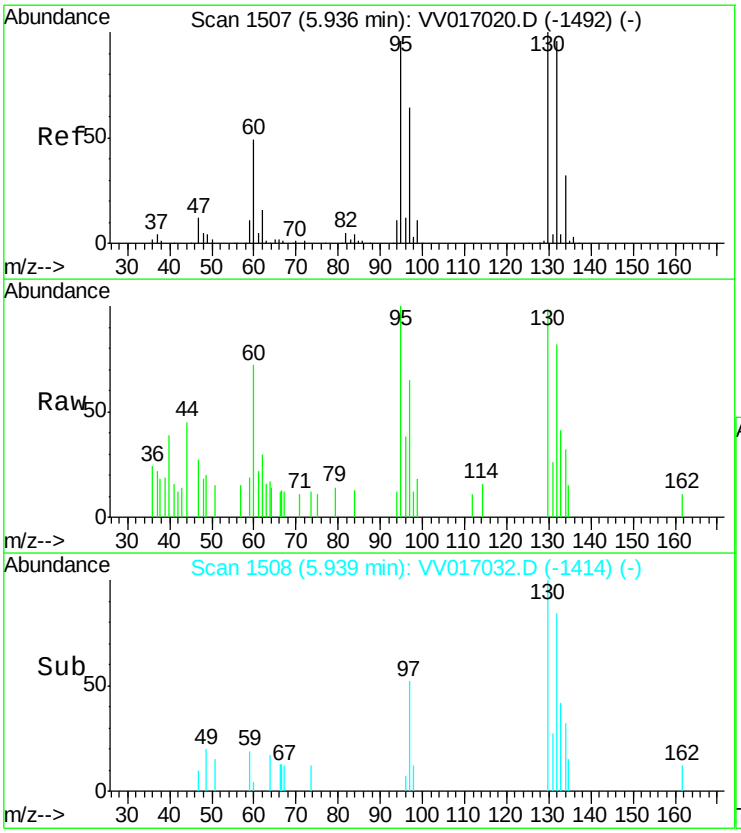


#33
Benzene
Concen: 0.658 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :
BFXH0

Tgt Ion: 78 Resp: 30261

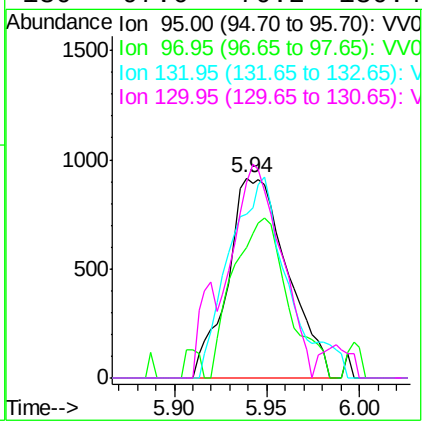


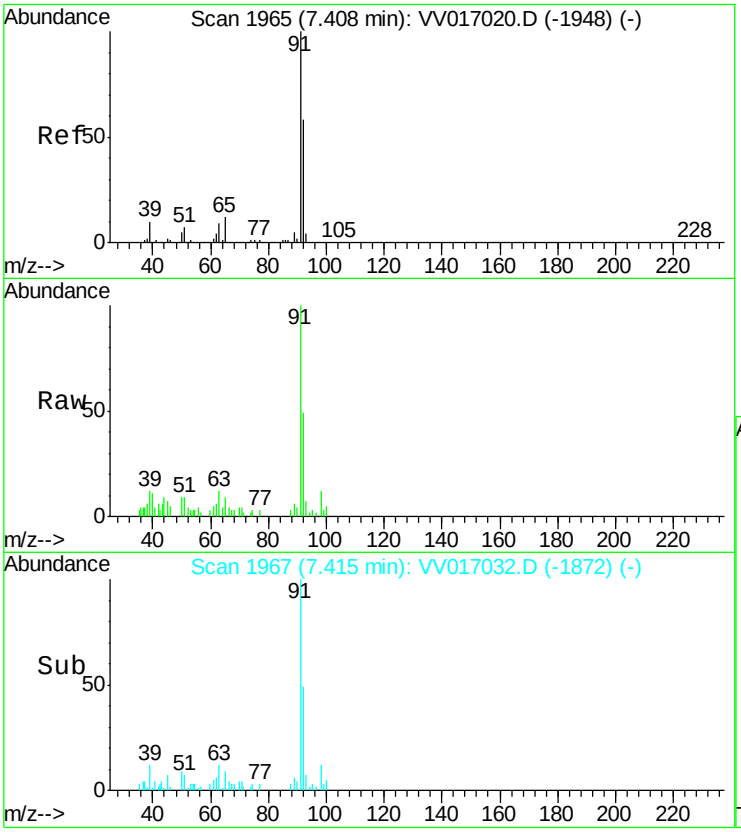


#34
Trichloroethene
Concen: 0.152 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Tgt Ion: 95 Resp: 2051

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.3	84.1
132	81.7	68.8	127.8
130	97.6	70.2	130.4



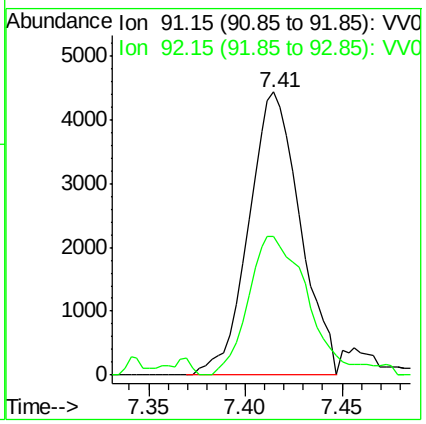


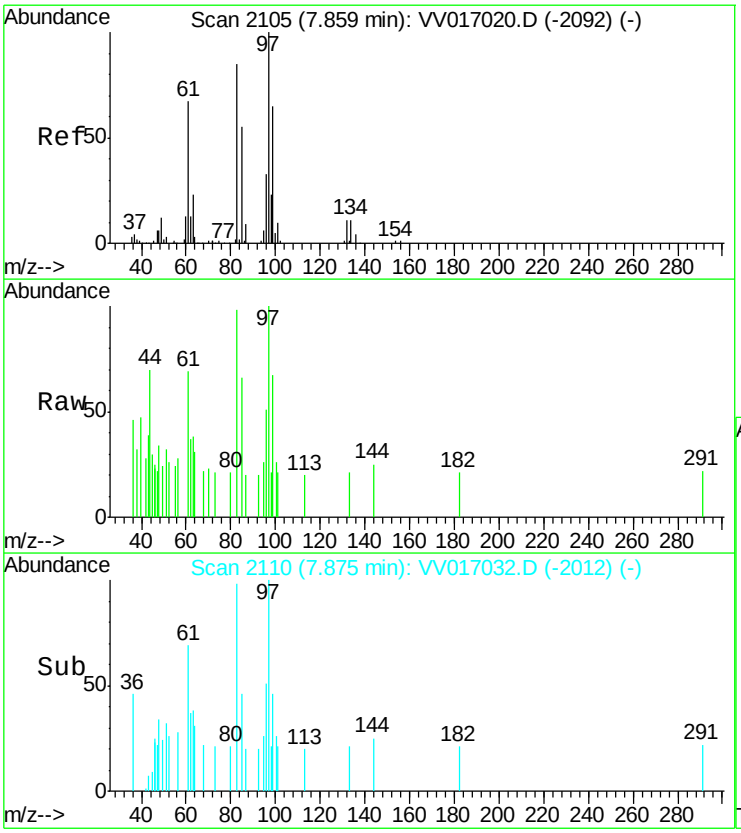
#42
Toluene
Concen: 0.153 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Instrument : MSVOA_V
ClientSampleId : BFXH0

Tgt Ion: 91 Resp: 8165

Ion	Ratio	Lower	Upper
91	100		
92	48.9	39.9	74.1

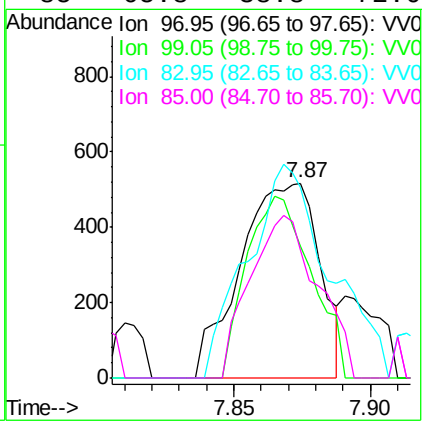


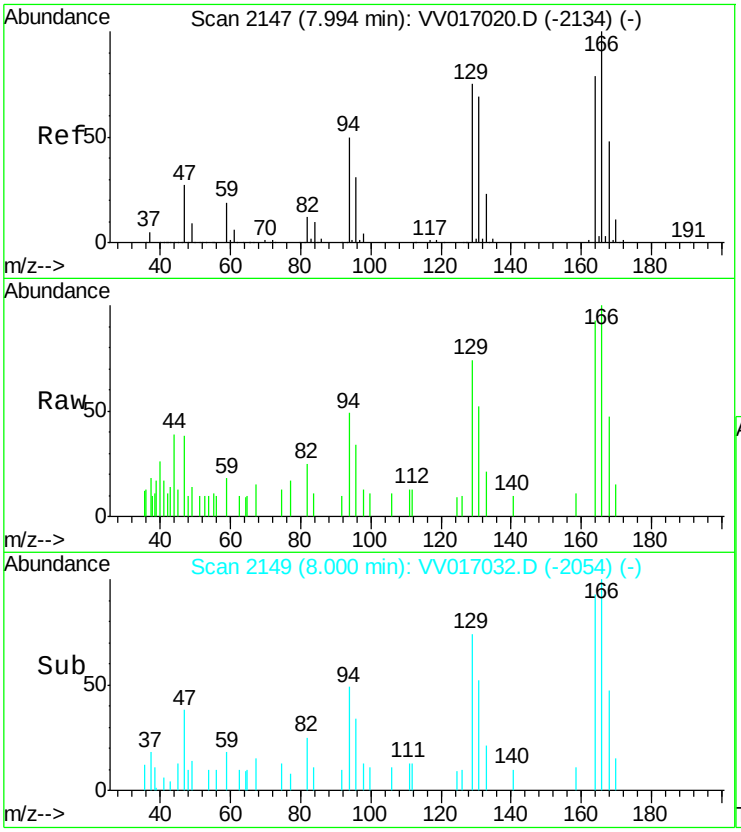


#47
1,1,2-Trichloroethane
Concen: 0.129 ug/L
RT: 7.87 min Scan# 2110
Delta R.T. 0.02 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Tgt Ion: 97 Resp: 1045

Ion	Ratio	Lower	Upper
97	100		
99	67.4	43.6	81.0
83	97.9	57.4	106.6
85	65.8	38.8	72.0



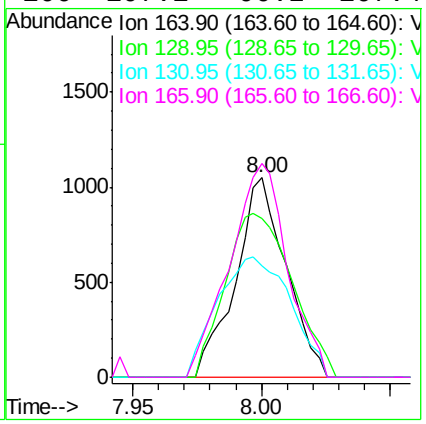


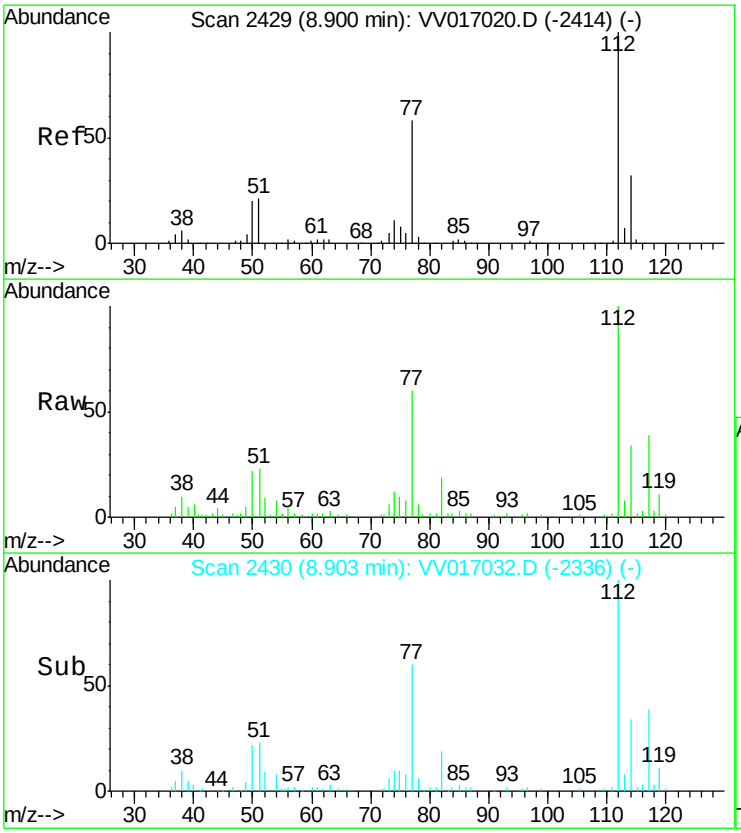
#49
Tetrachloroethene
Concen: 0.132 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Instrument : MSVOA_V
ClientSampleId : BFXH0

Tgt Ion:164 Resp: 1434

Ion	Ratio	Lower	Upper
164	100		
129	79.7	65.2	121.0
131	56.0	64.1	119.1#
166	107.1	90.2	167.4

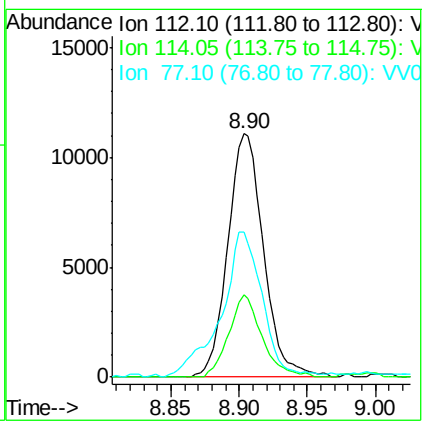


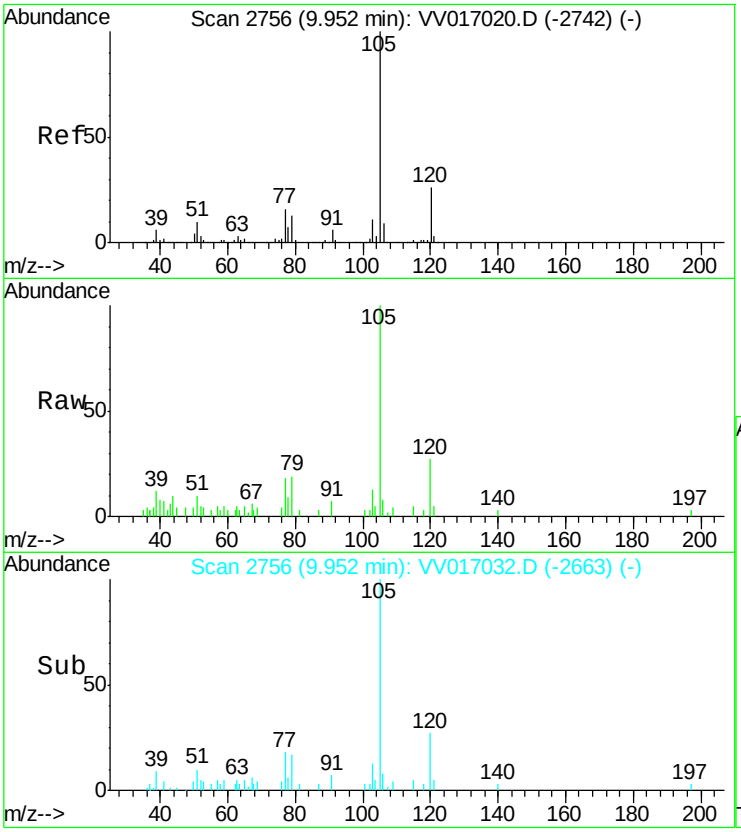


#53
Chlorobenzene
Concen: 0.605 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Tgt Ion:112 Resp: 20181

Ion	Ratio	Lower	Upper
112	100		
114	33.8	22.0	41.0
77	59.8	46.0	69.0



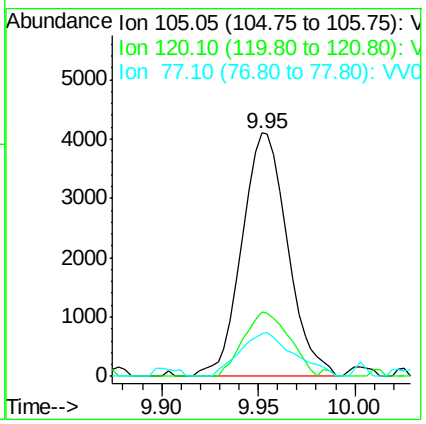


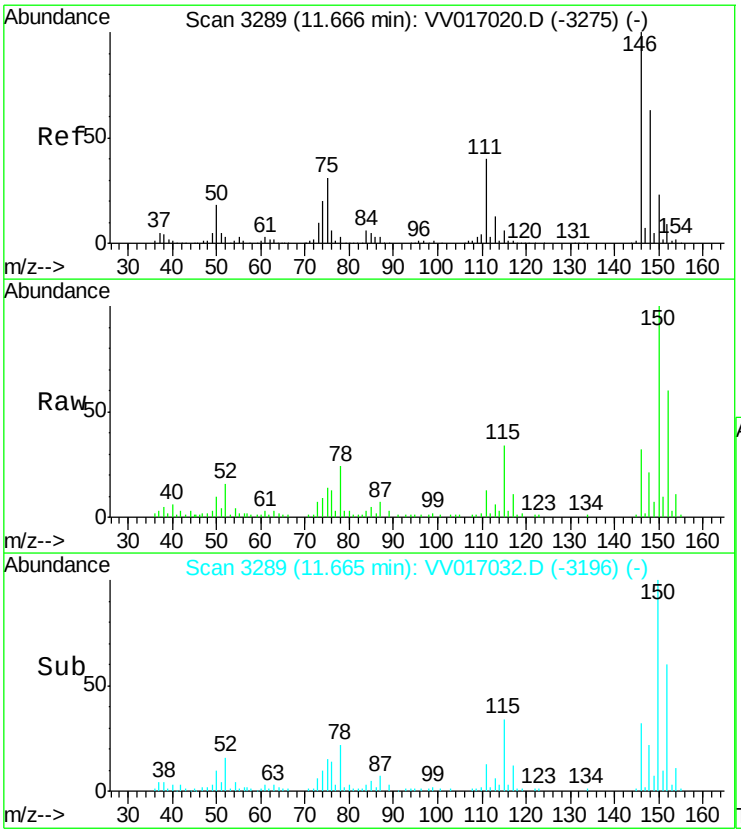
#58
Isopropylbenzene
Concen: 0.117 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :
BFXH0

Tgt Ion:105 Resp: 6747

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.2	31.8
77	21.0	13.0	19.4#





#66
1,2-Dichlorobenzene
Concen: 0.383 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. -0.00 min
Lab File: VV017032.D
Acq: 22 Jun 2020 21:21

Tgt Ion:146 Resp: 9284

Ion	Ratio	Lower	Upper
146	100		
111	42.0	34.4	51.6
148	68.1	49.9	74.9