Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072820\
Data File : VV017709.D
Acq On : 28 Jul 2020 17:05
Operator : SY/MD
Sample : L3470-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 29 05:20:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 05:17:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145457	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	144504	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80480	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.31	65	29291	4.22	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.40%				
7) Chloroethane-d5	1.57	69	23517	4.42	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%				
11) 1,1-Dichloroethene-d2	2.12	63	54393	3.49	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%				
20) 2-Butanone-d5	3.97	46	21851	13.15	ug/L		0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 26.30%#				
24) Chloroform-d	4.37	84	79198	4.71	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%				
26) 1,2-Dichloroethane-d4	5.06	65	42621	4.92	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%				
32) Benzene-d6	5.07	84	132305	4.15	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%				
36) 1,2-Dichloropropane-d6	6.09	67	36793	4.15	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.00%				
41) Toluene-d8	7.34	98	123672	4.05	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%				
45) trans-1,3-Dichloropropene-	7.65	79	16933	4.22	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%				
48) 2-Hexanone-d5	8.12	63	46693	37.55	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.10%				
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28338	4.60	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%				
65) 1,2-Dichlorobenzene-d4	11.65	152	57452	4.72	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%				
Target Compounds							Qvalue
5) Vinyl chloride	1.32	62	243962	23.476	ug/L		99
8) Chloroethane	1.59	64	56875	9.481	ug/L	#	60
12) 1,1-Dichloroethene	2.13	96	7625	0.973	ug/L	#	1
13) Acetone	2.47	43	5276	4.056	ug/L		86
14) Carbon disulfide	2.31	76	13874	0.583	ug/L		98
15) Methyl Acetate	2.47	43	5276	2.085	ug/L	#	58
16) Methylene chloride	2.52	84	3394	0.389	ug/L		96
18) trans-1,2-Dichloroethene	2.77	96	10406	1.219	ug/L		95
19) 1,1-Dichloroethane	3.20	63	4594	0.256	ug/L	#	86
22) cis-1,2-Dichloroethene	3.93	96	3616009	336.437	ug/L		97
27) 1,2-Dichloroethane	5.16	62	8739	0.669	ug/L		100
33) Benzene	5.13	78	4328	0.106	ug/L		100
34) Trichloroethene	5.93	95	292380	25.590	ug/L		98
35) Methylcyclohexane	6.09	83	10670	0.617	ug/L	#	20
42) Toluene	7.41	91	9540	0.214	ug/L		88
47) 1,1,2-Trichloroethane	7.87	97	888	0.122	ug/L		90
49) Tetrachloroethene	7.99	164	2456	0.244	ug/L		79

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072820\
Data File : VV017709.D
Acq On : 28 Jul 2020 17:05
Operator : SY/MD
Sample : L3470-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 29 05:20:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 05:17:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2-Hexanone	8.17	43	6032	1.617	ug/L	#	63
55) m,p-xylene	9.16	106	3990	0.212	ug/L		90
56) o-xylene	9.57	106	2122	0.116	ug/L		76
67) 1,2-Dibromo-3-chloropropan	12.39	75	8331	5.644	ug/L	#	1

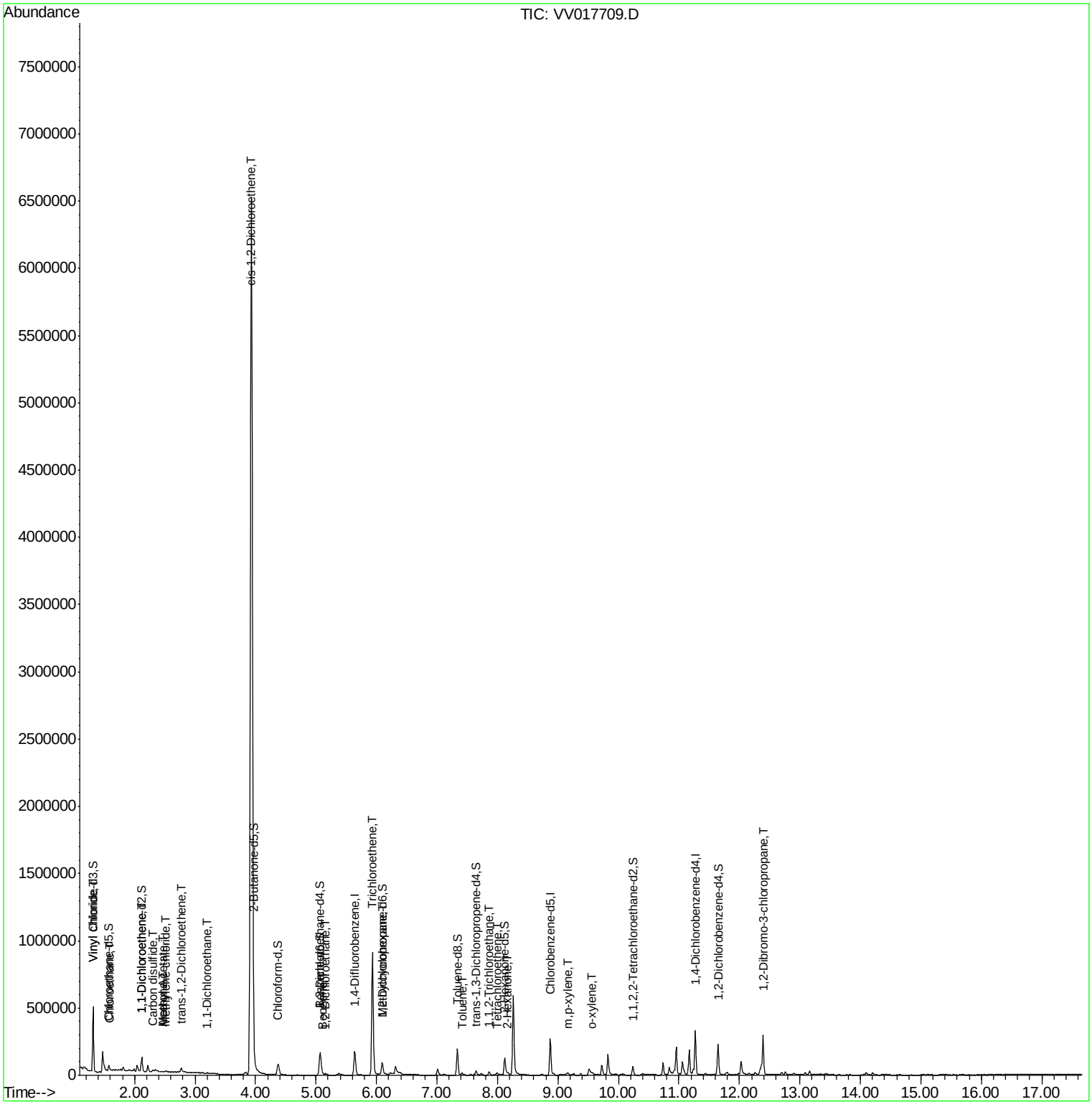
(#) = qualifier out of range (m) = manual integration (+) = signals summed

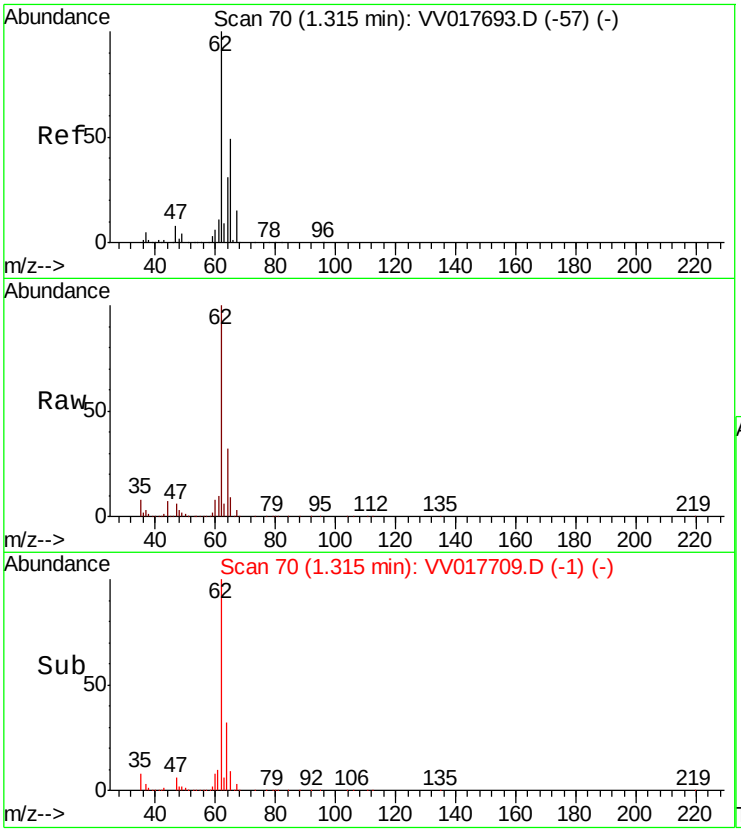
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072820\
Data File : VV017709.D
Acq On : 28 Jul 2020 17:05
Operator : SY/MD
Sample : L3470-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 29 05:20:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 05:17:09 2020
Response via : Initial Calibration



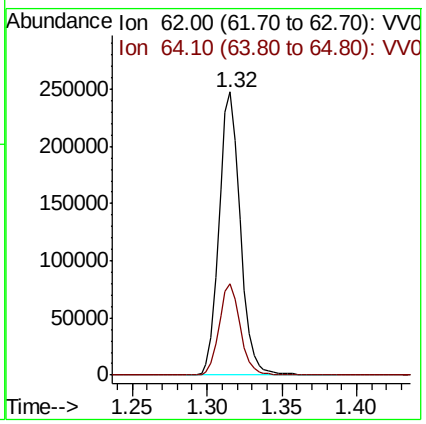


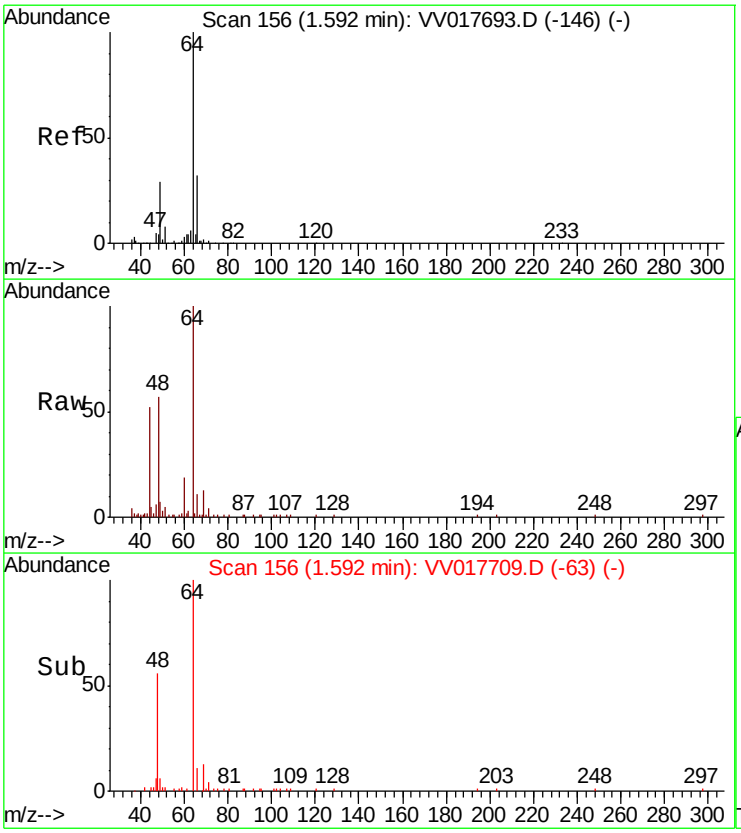
#5
Vinyl chloride
Concen: 23.476 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 243962

Ion	Ratio	Lower	Upper
62	100		
64	32.1	23.0	42.8

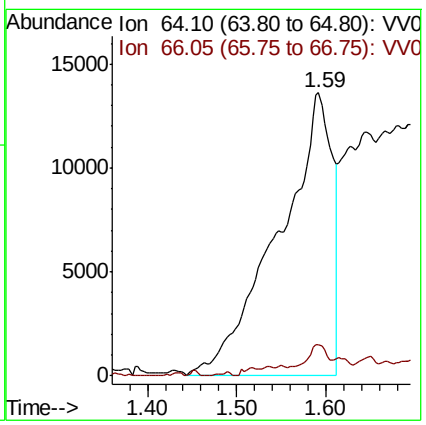


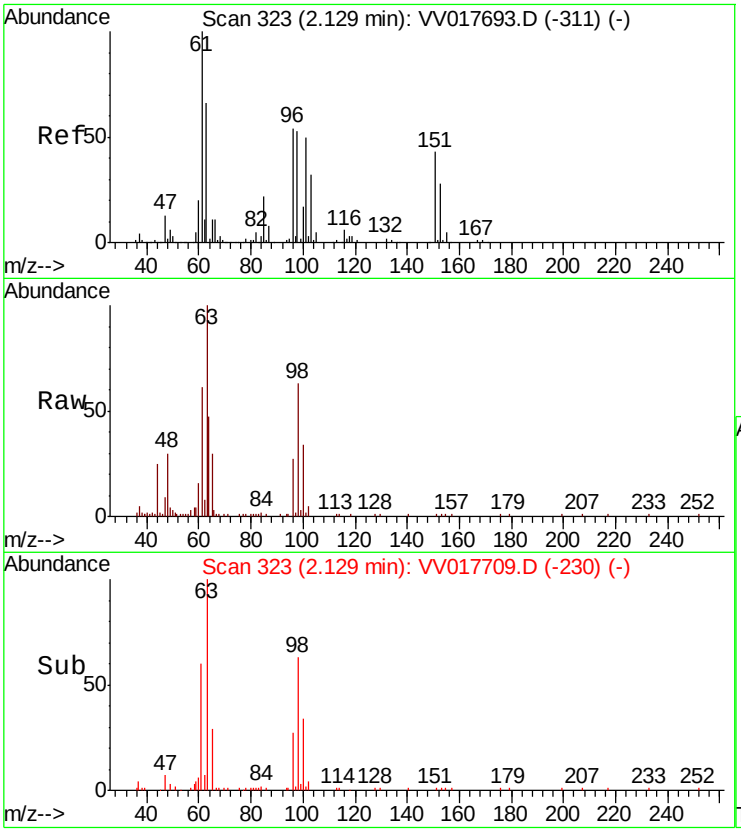


#8
Chloroethane
Concen: 9.481 ug/L
RT: 1.59 min Scan# 156
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion: 64 Resp: 56875

Ion	Ratio	Lower	Upper
64	100		
66	11.2	24.0	44.6#



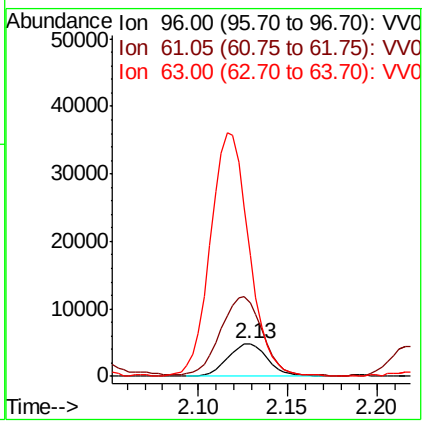


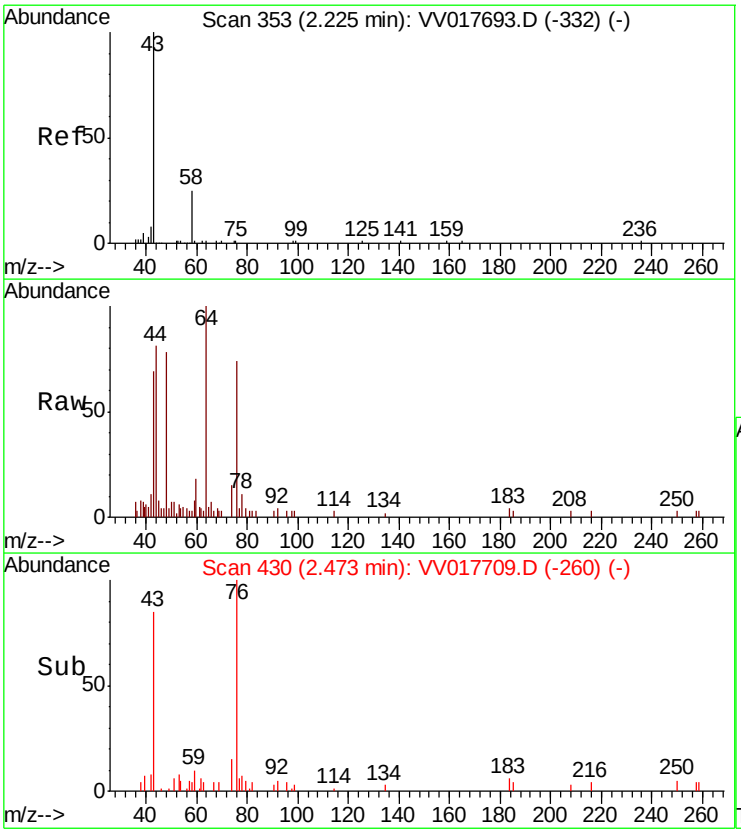
#12
1,1-Dichloroethene
Concen: 0.973 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 7625

Ion	Ratio	Lower	Upper
96	100		
61	223.0	123.1	228.7
63	364.5	91.2	169.4#

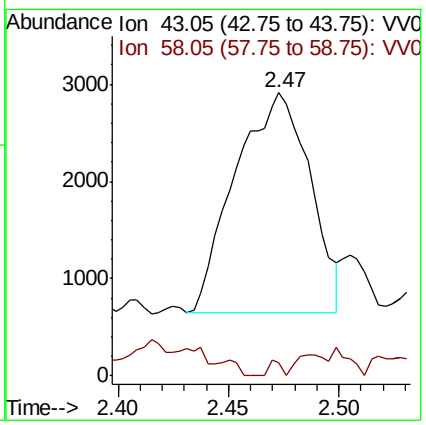


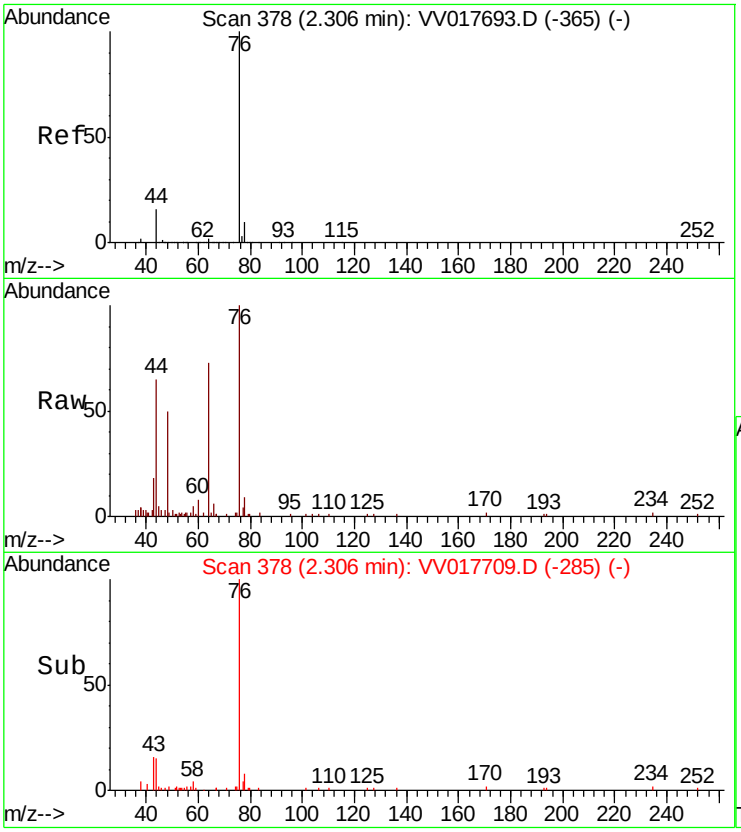


#13
Acetone
Concen: 4.056 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.25 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion: 43 Resp: 5276

Ion	Ratio	Lower	Upper
43	100		
58	4.1	0.0	18.6



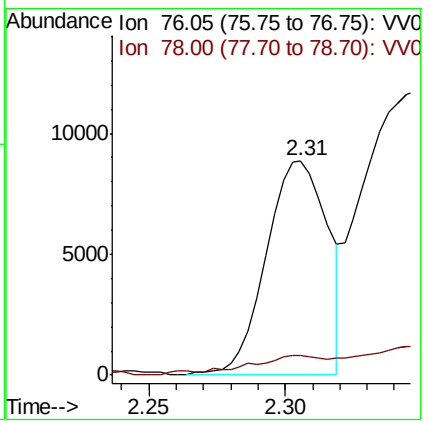


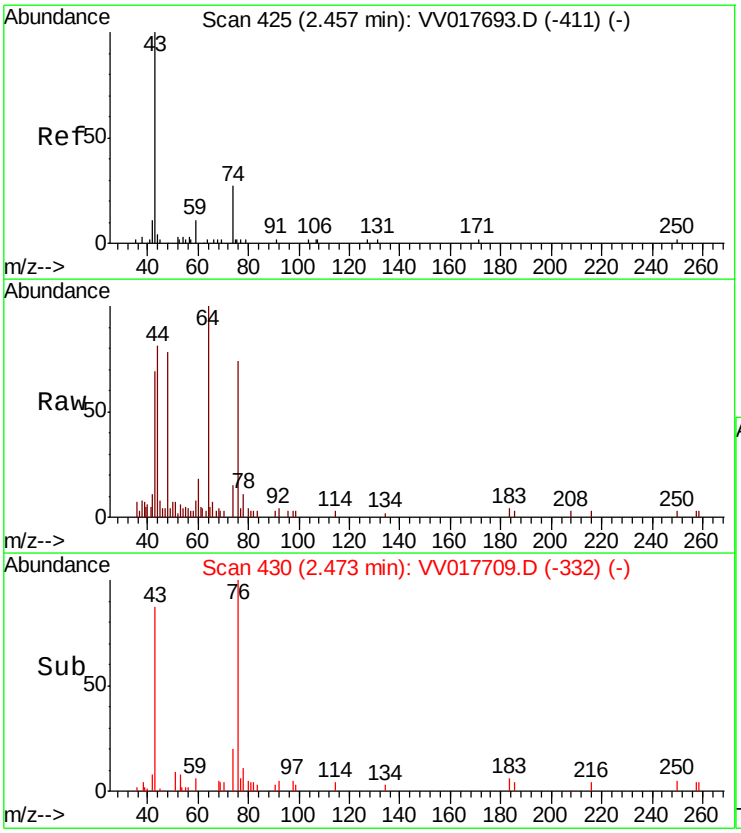
#14
Carbon disulfide
Concen: 0.583 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 13874

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.6	10.0

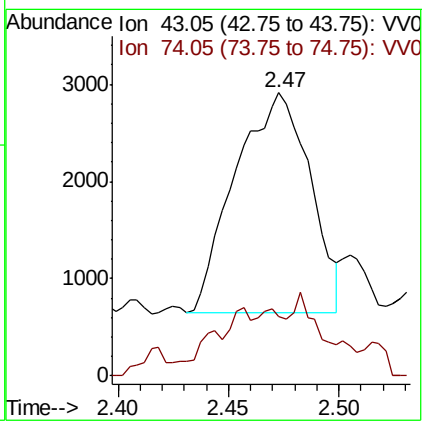


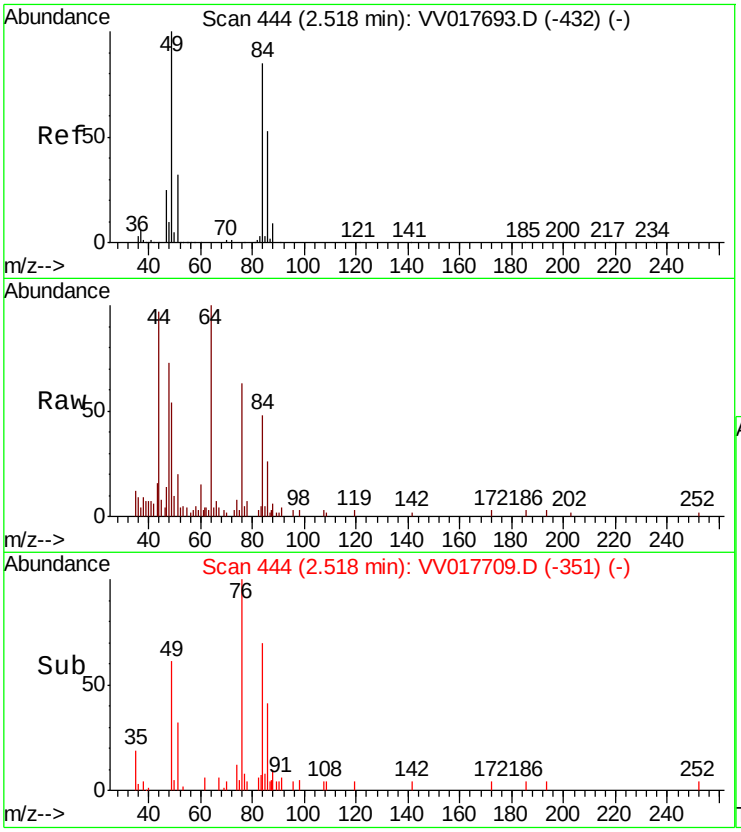


#15
Methyl Acetate
Concen: 2.085 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.02 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion: 43 Resp: 5276

Ion	Ratio	Lower	Upper
43	100		
74	9.3	26.6	40.0#



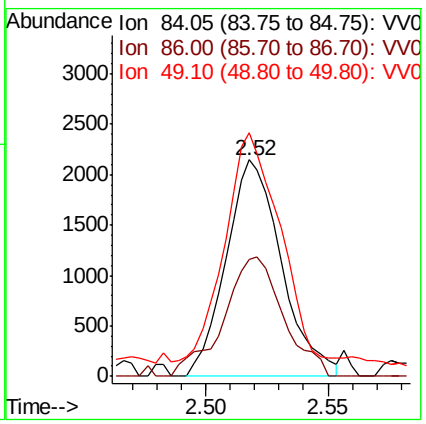


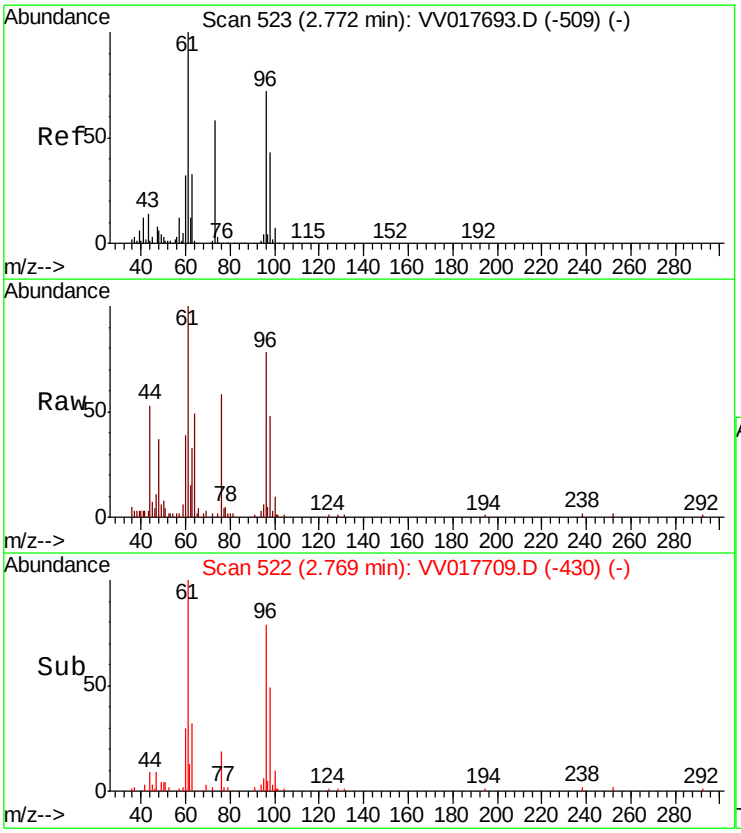
#16
Methylene chloride
Concen: 0.389 ug/L
RT: 2.52 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 3394

Ion	Ratio	Lower	Upper
84	100		
86	59.2	46.5	86.3
49	112.5	79.2	147.2

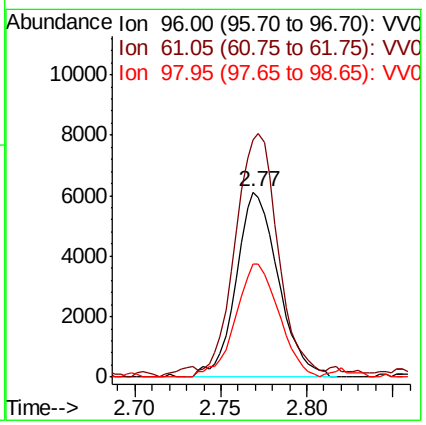


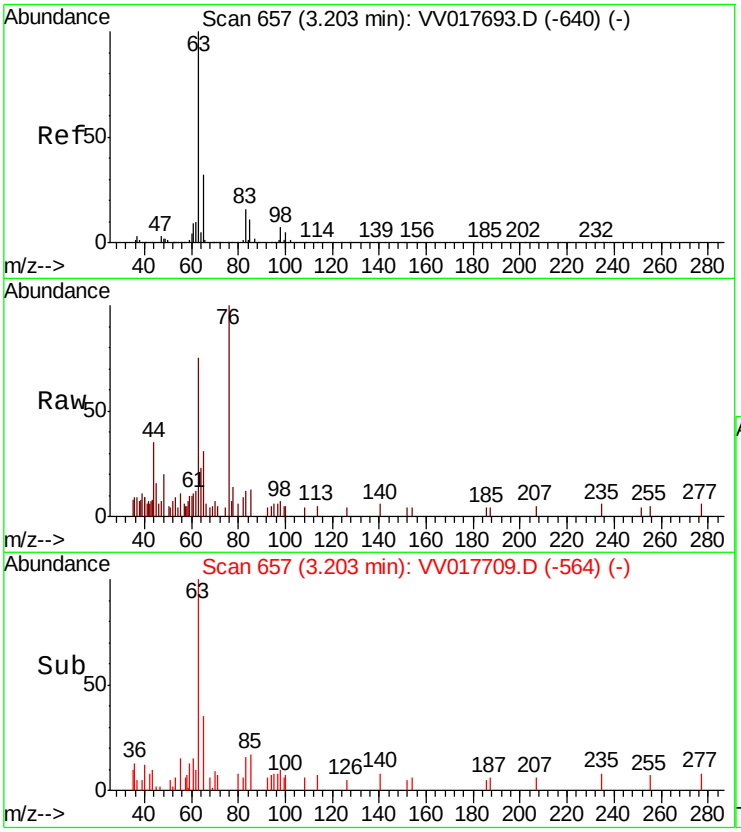


#18
trans-1,2-Dichloroethene
Concen: 1.219 ug/L
RT: 2.77 min Scan# 522
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion: 96 Resp: 10406

Ion	Ratio	Lower	Upper
96	100		
61	128.2	96.0	178.4
98	61.3	43.5	80.9



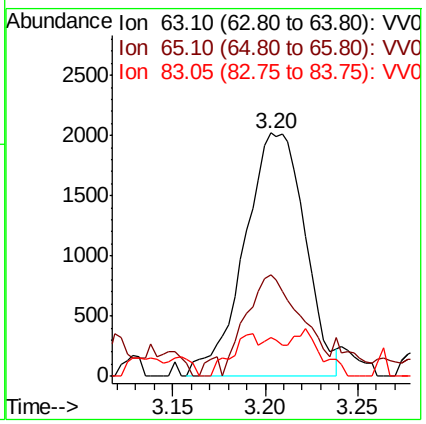


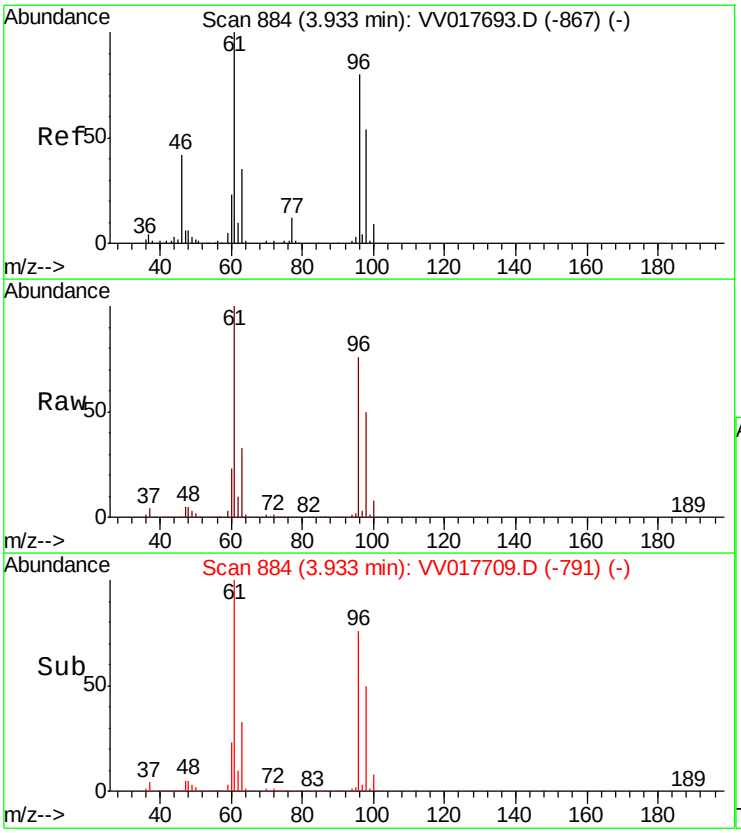
#19
1,1-Dichloroethane
Concen: 0.256 ug/L
RT: 3.20 min Scan# 657
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 4594

Ion	Ratio	Lower	Upper
63	100		
65	41.6	21.4	39.8#
83	15.7	10.4	19.4

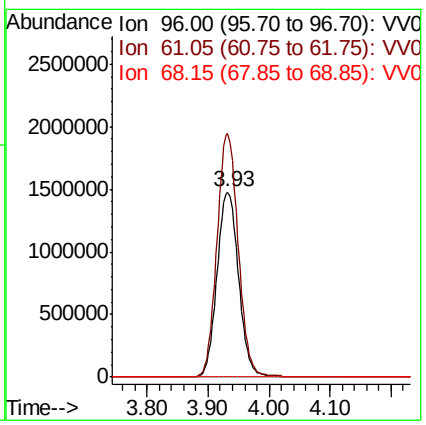


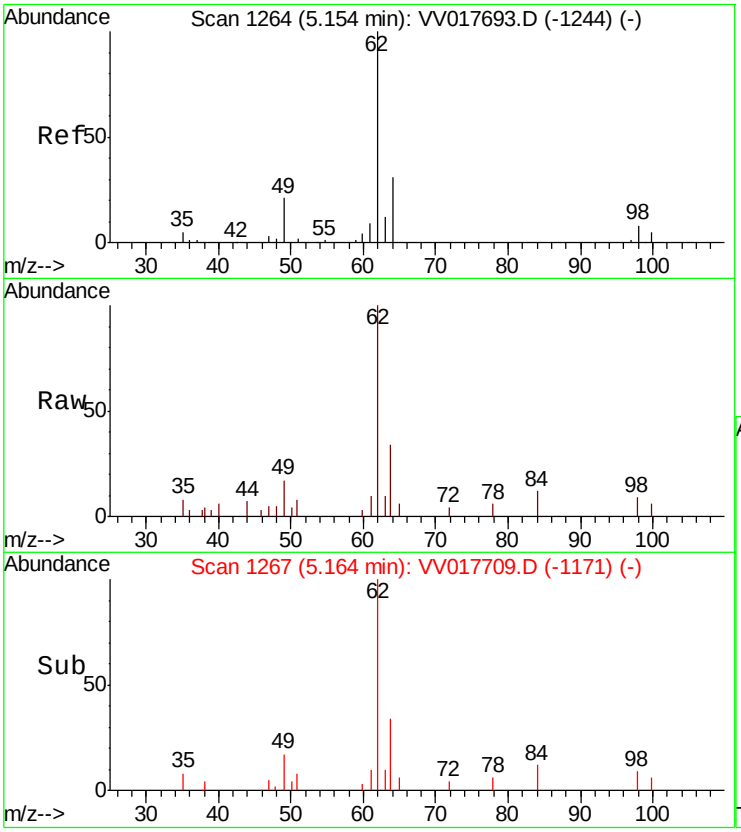


#22
cis-1,2-Dichloroethene
Concen: 336.437 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion: 96 Resp: 3616009

Ion	Ratio	Lower	Upper
96	100		
61	131.5	89.6	166.4
68	0.0	0.0	0.0



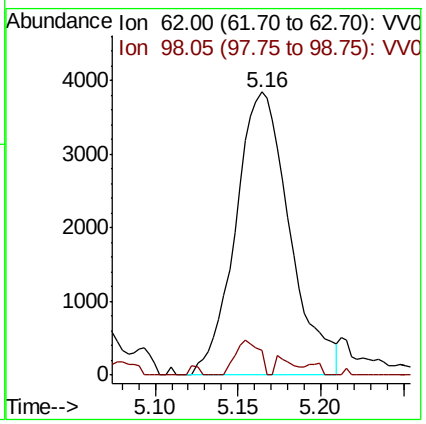


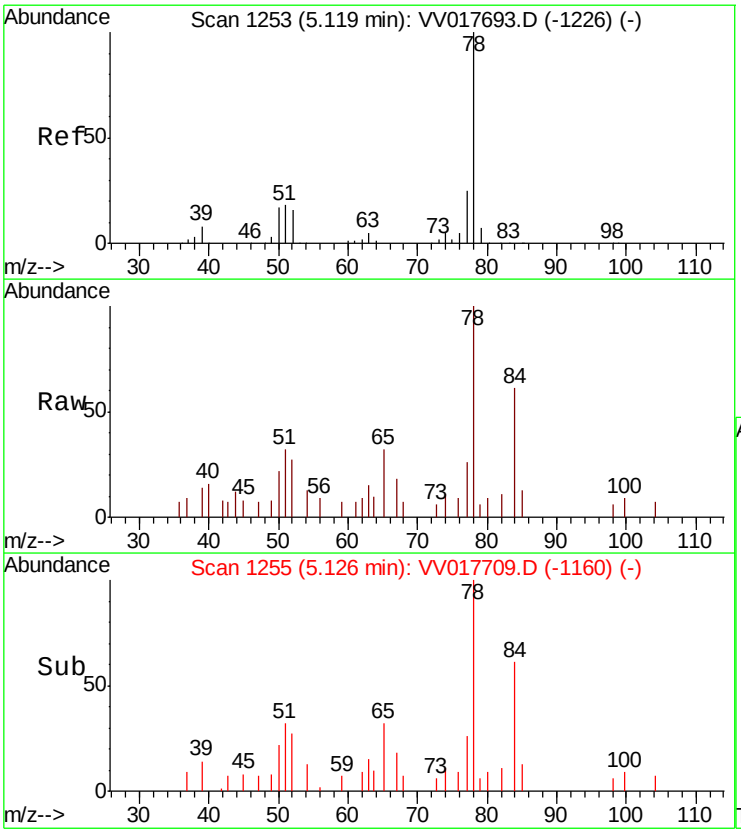
#27
1,2-Dichloroethane
Concen: 0.669 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 8739

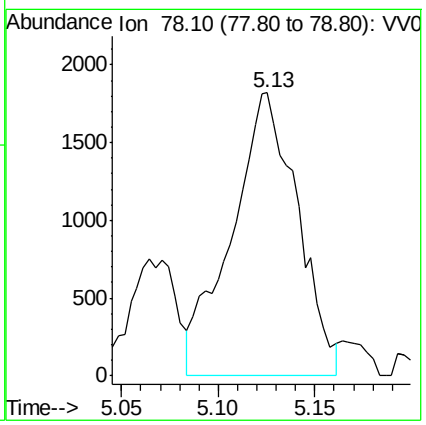
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.0	10.6

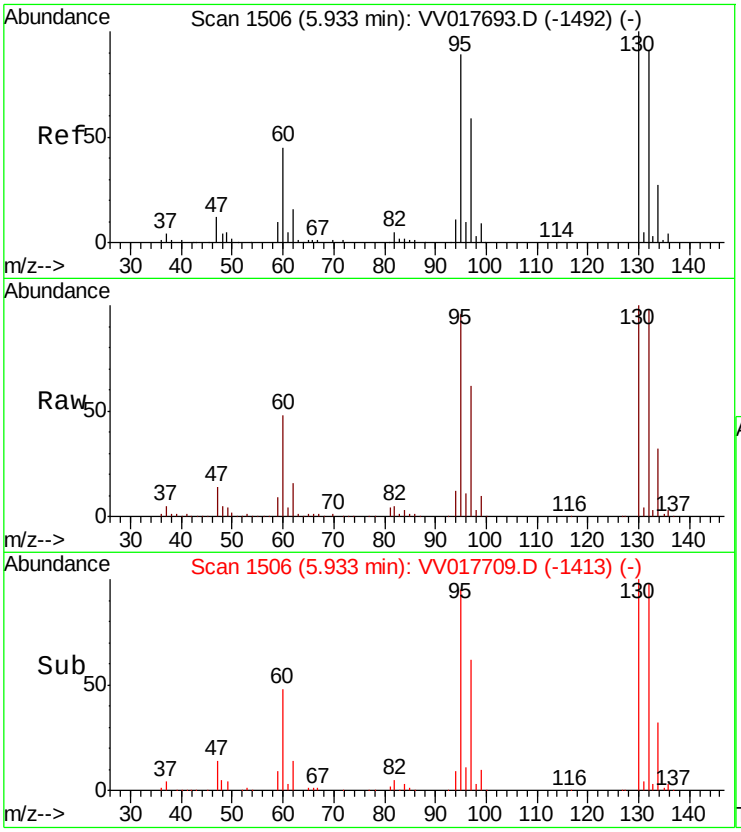




#33
Benzene
Concen: 0.106 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion: 78 Resp: 4328



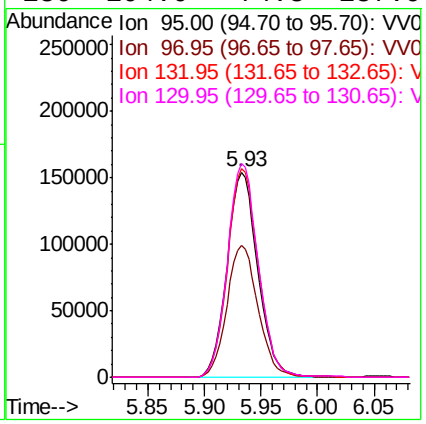


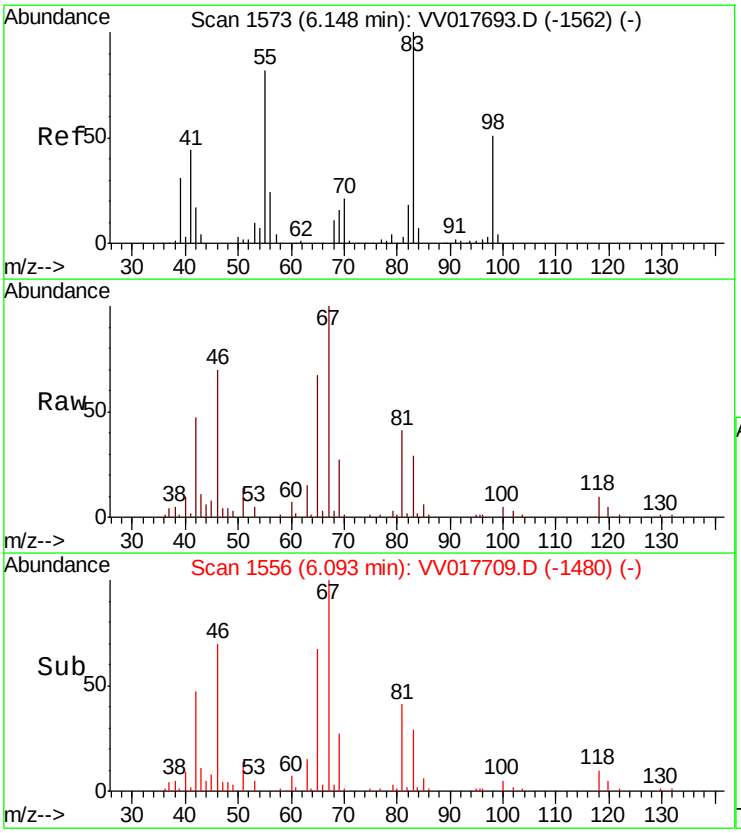
#34
Trichloroethene
Concen: 25.590 ug/L
RT: 5.93 min Scan# 1506
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 292380

Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.1	85.5
132	101.7	71.7	133.1
130	104.0	74.3	137.9

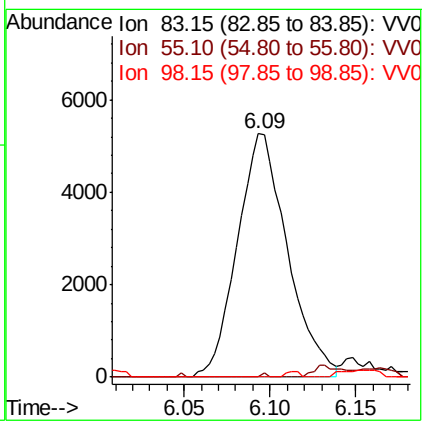


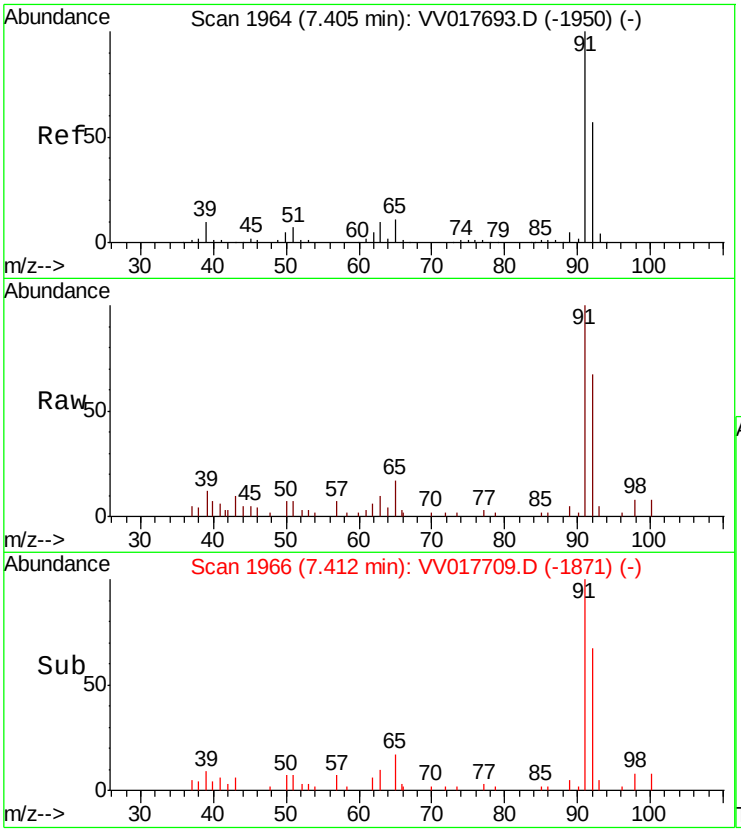


#35
Methylcyclohexane
Concen: 0.617 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion: 83 Resp: 10670

Ion	Ratio	Lower	Upper
83	100		
55	2.8	61.8	92.8#
98	0.0	39.0	58.6#



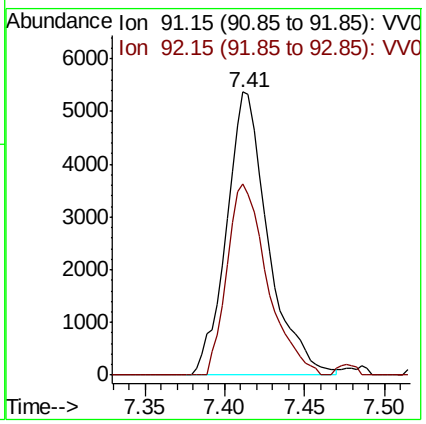


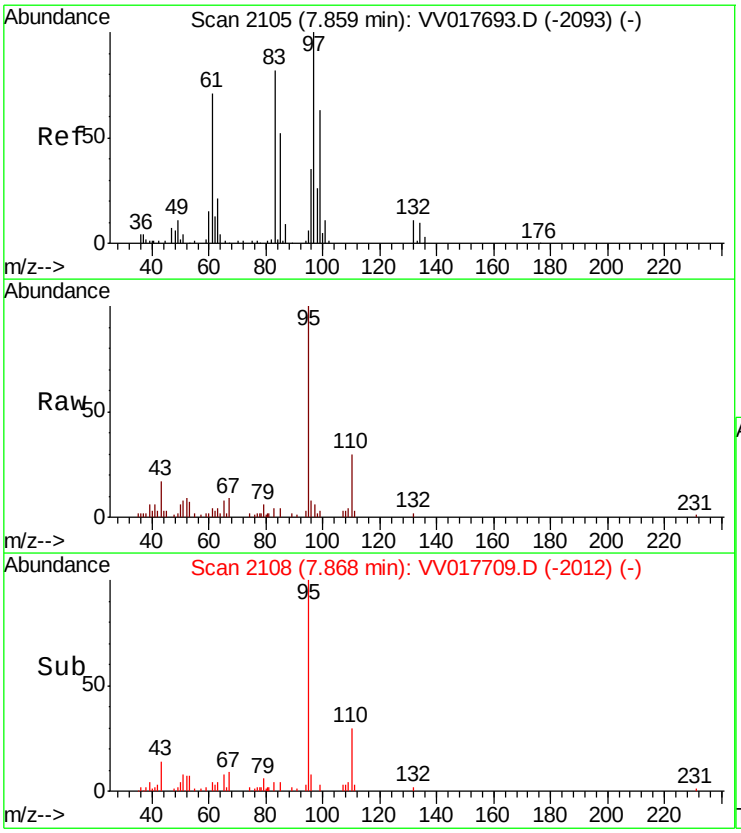
#42
Toluene
Concen: 0.214 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 9540

Ion	Ratio	Lower	Upper
91	100		
92	67.5	40.8	75.8

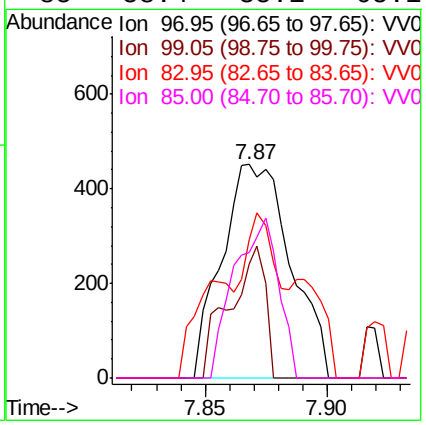


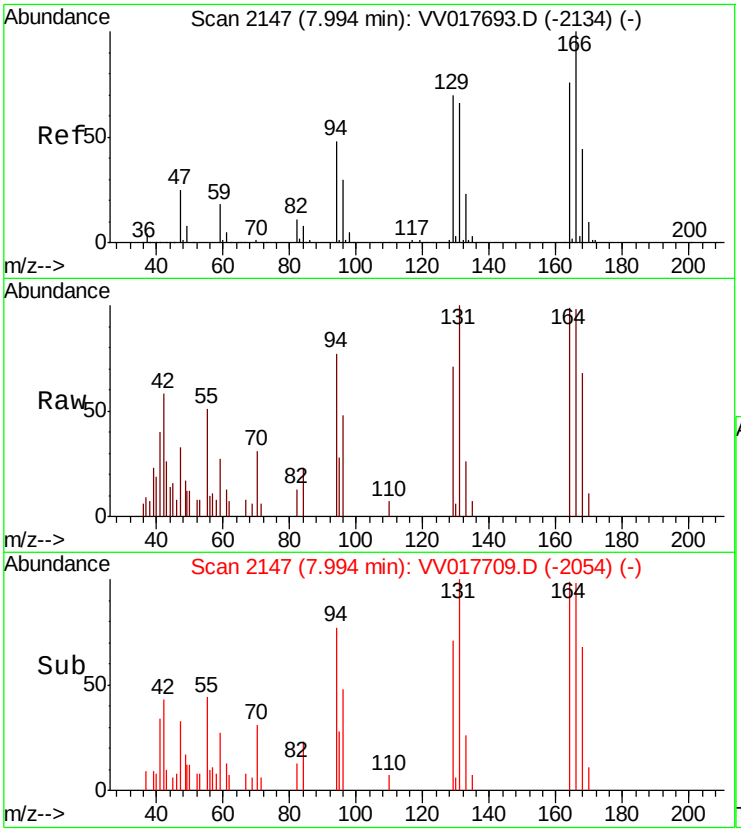


#47
1,1,2-Trichloroethane
Concen: 0.122 ug/L
RT: 7.87 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion: 97 Resp: 888

Ion	Ratio	Lower	Upper
97	100		
99	53.5	39.5	73.4
83	64.8	52.6	97.6
85	58.4	35.1	65.1



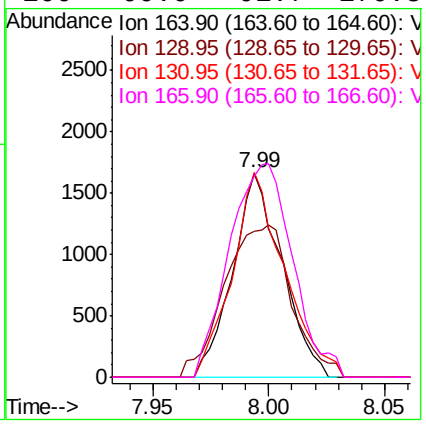


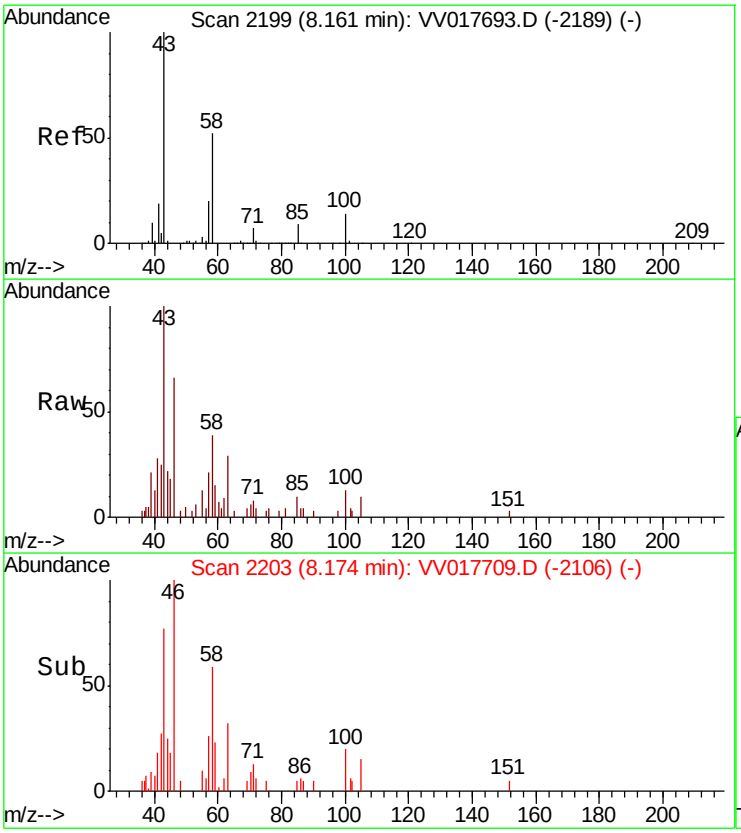
#49
Tetrachloroethene
Concen: 0.244 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 2456

Ion	Ratio	Lower	Upper
164	100		
129	71.8	65.0	120.8
131	100.6	63.6	118.2
166	99.0	91.7	170.3

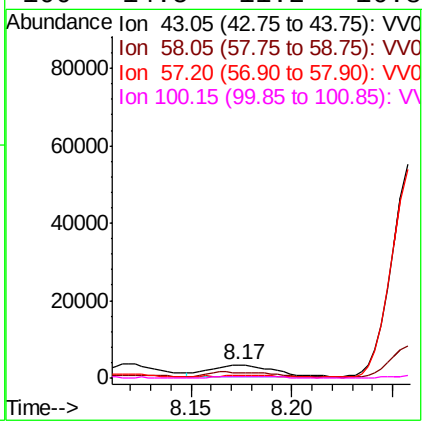


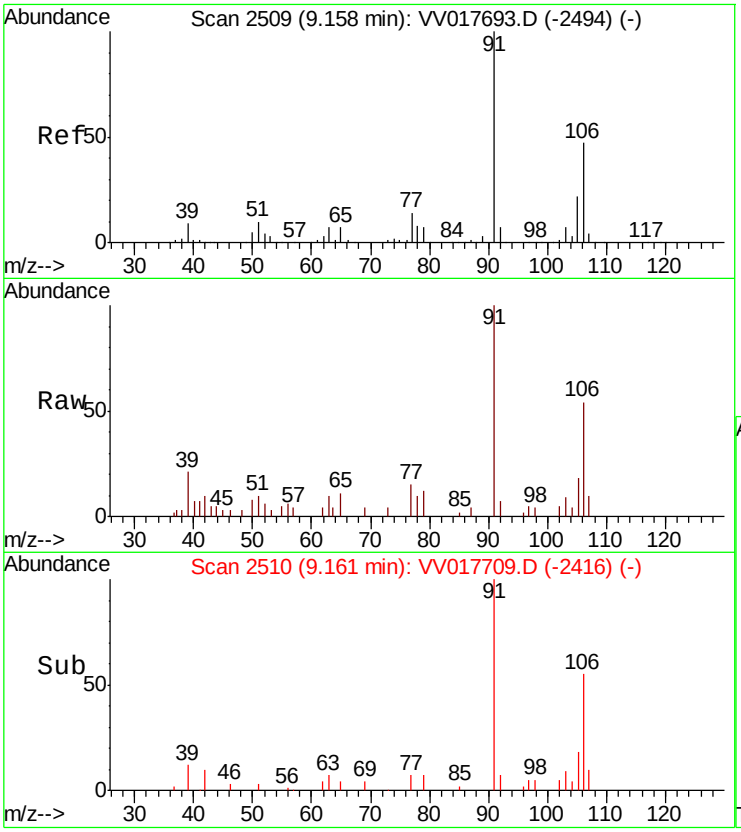


#50
2-Hexanone
Concen: 1.617 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion: 43 Resp: 6032

Ion	Ratio	Lower	Upper
43	100		
58	21.1	41.6	62.4#
57	0.0	15.4	23.0#
100	14.5	11.2	16.8



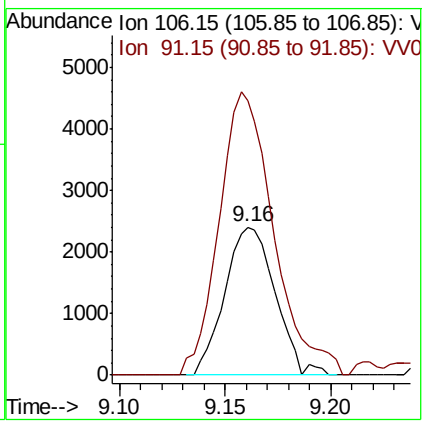


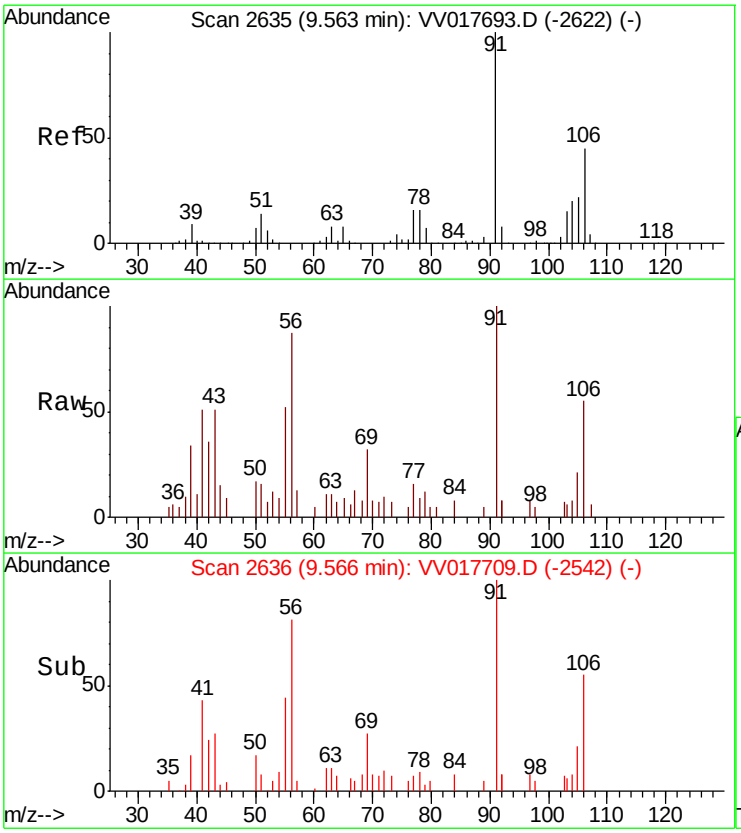
#55
m,p-xylene
Concen: 0.212 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 3990

Ion	Ratio	Lower	Upper
106	100		
91	186.0	141.3	262.3

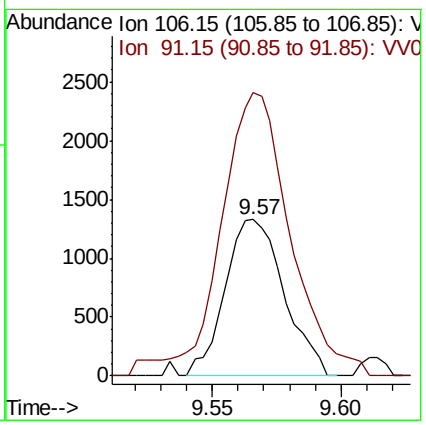


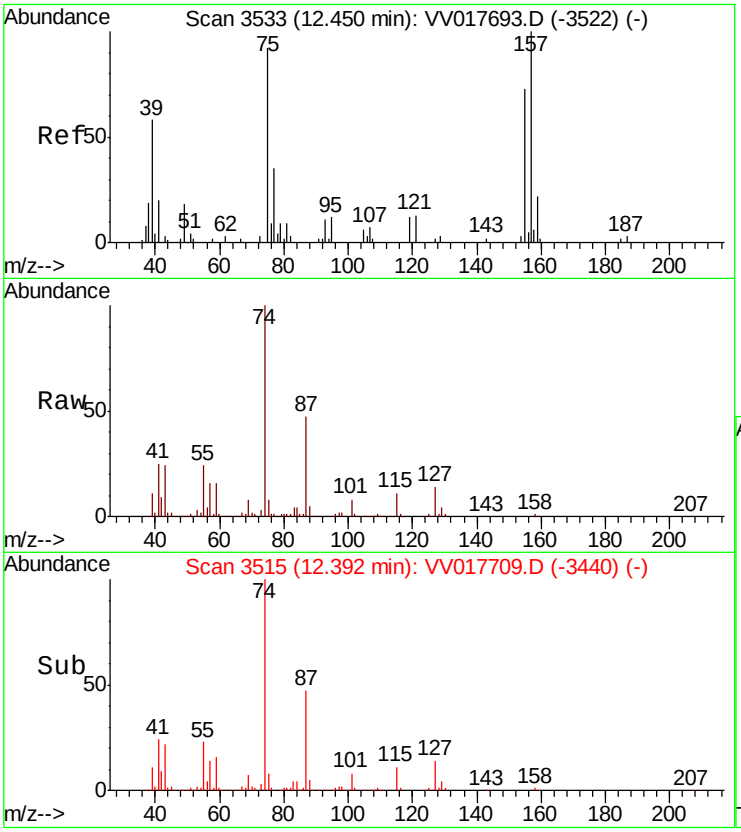


#56
o-xylene
Concen: 0.116 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion:106 Resp: 2122

Ion	Ratio	Lower	Upper
106	100		
91	181.3	153.9	285.7





#67
1,2-Dibromo-3-chloropropane
Concen: 5.644 ug/L
RT: 12.39 min Scan# 3515
Delta R.T. -0.06 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 8331

Ion	Ratio	Lower	Upper
75	100		
155	0.0	68.7	103.1#
157	0.0	87.8	131.8#