Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072820\
Data File : VV017711.D
Acq On : 28 Jul 2020 17:53
Operator : SY/MD
Sample : L3470-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 29 05:20:44 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	151925	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148320	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75088	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	28572	3.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.80%			
7) Chloroethane-d5	1.58	69	26498	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.12	63	53063	3.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.20%			
20) 2-Butanone-d5	3.94	46	82254	47.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.80%			
24) Chloroform-d	4.38	84	87649	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.06	65	46739	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.07	84	147116	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.09	67	41982	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.34	98	135703	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
45) trans-1,3-Dichloropropene-	7.65	79	17185	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
48) 2-Hexanone-d5	8.11	63	59374	46.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.04%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30546	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	60332	5.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.20%			
Target Compounds						Qvalue
8) Chloroethane	1.57	64	532	0.085	ug/L #	53
16) Methylene chloride	2.52	84	1568	0.172	ug/L	90
18) trans-1,2-Dichloroethene	2.78	96	1393	0.156	ug/L	77
22) cis-1,2-Dichloroethene	3.94	96	125766	11.203	ug/L	97
25) Chloroform	4.40	83	16224	0.771	ug/L	85
34) Trichloroethene	5.94	95	373594	31.857	ug/L	99
35) Methylcyclohexane	6.10	83	12122	0.683	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	6259	0.634	ug/L #	86
42) Toluene	7.42	91	4711	0.103	ug/L	94
49) Tetrachloroethene	7.99	164	2220	0.215	ug/L	95
50) 2-Hexanone	8.11	43	8854	2.313	ug/L #	73
51) Dibromochloromethane	8.00	129	1817	0.191	ug/L #	9

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

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Instrument :
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ClientSampleId :

Quant Time: Jul 29 05:20:44 2020
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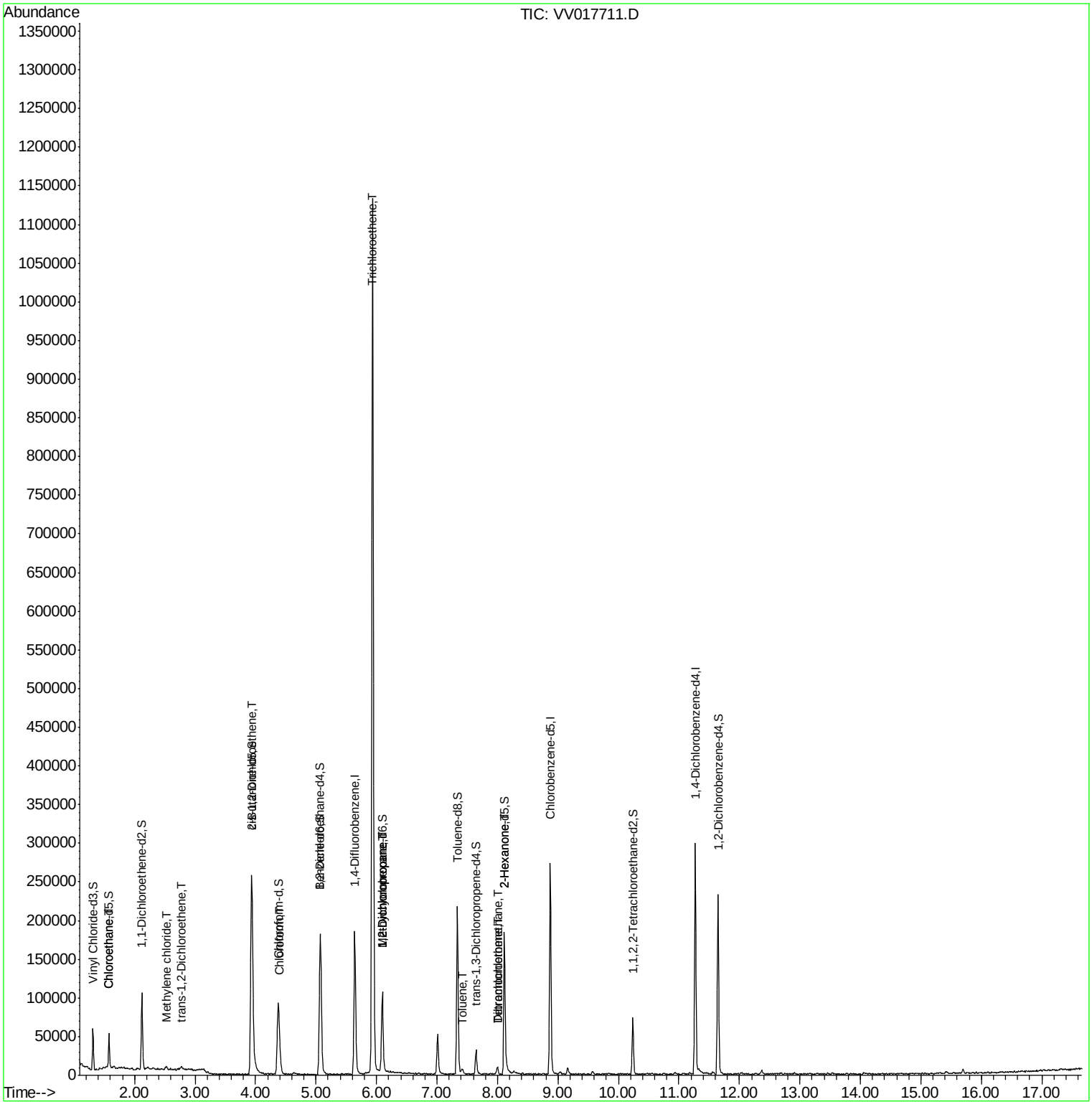
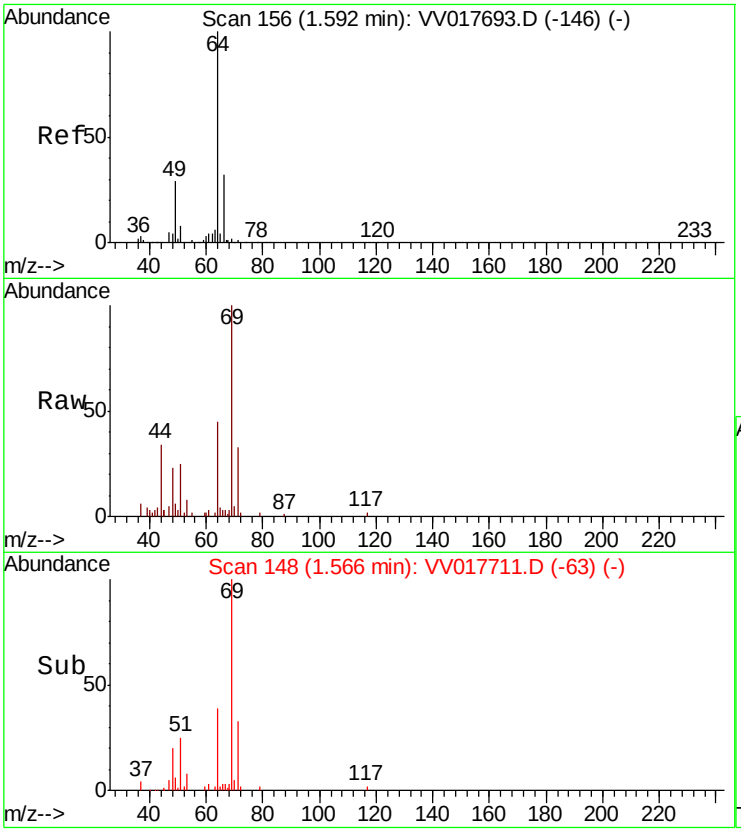
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 05:17:09 2020
Response via : Initial Calibration



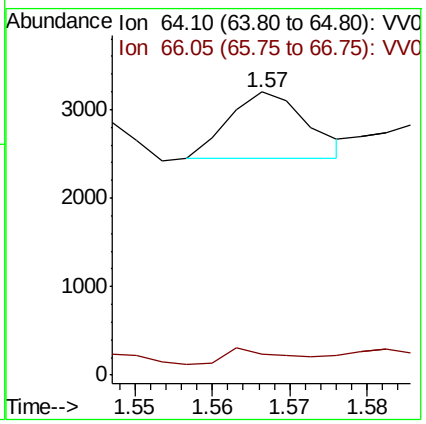


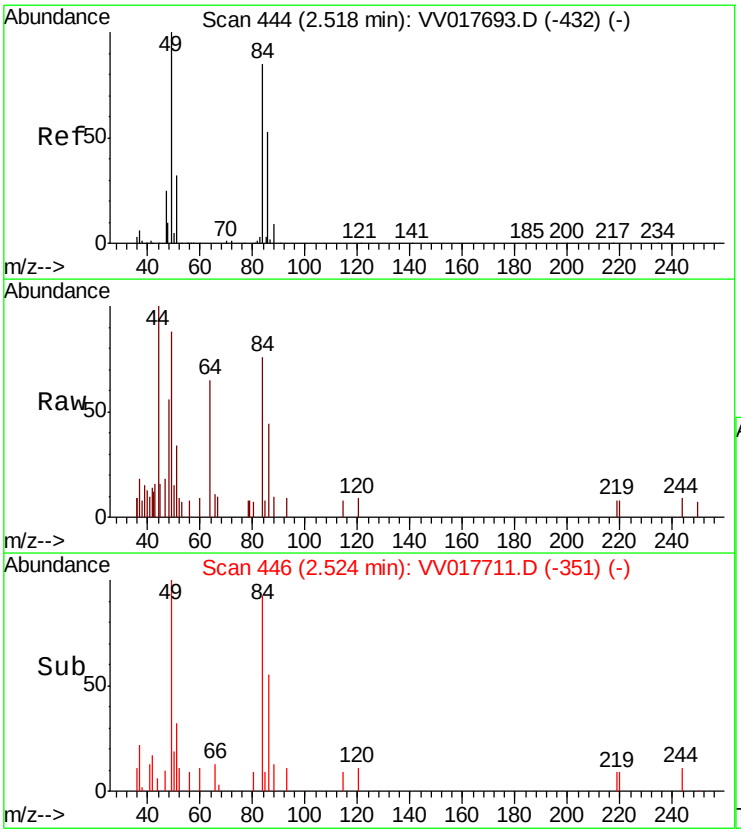
#8
Chloroethane
Concen: 0.085 ug/L
RT: 1.57 min Scan# 148
Delta R.T. -0.03 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 532

Ion	Ratio	Lower	Upper
64	100		
66	7.3	24.0	44.6#

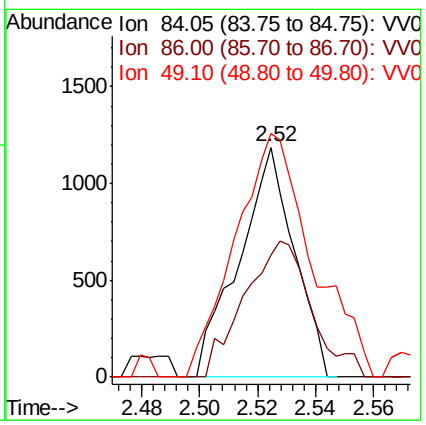


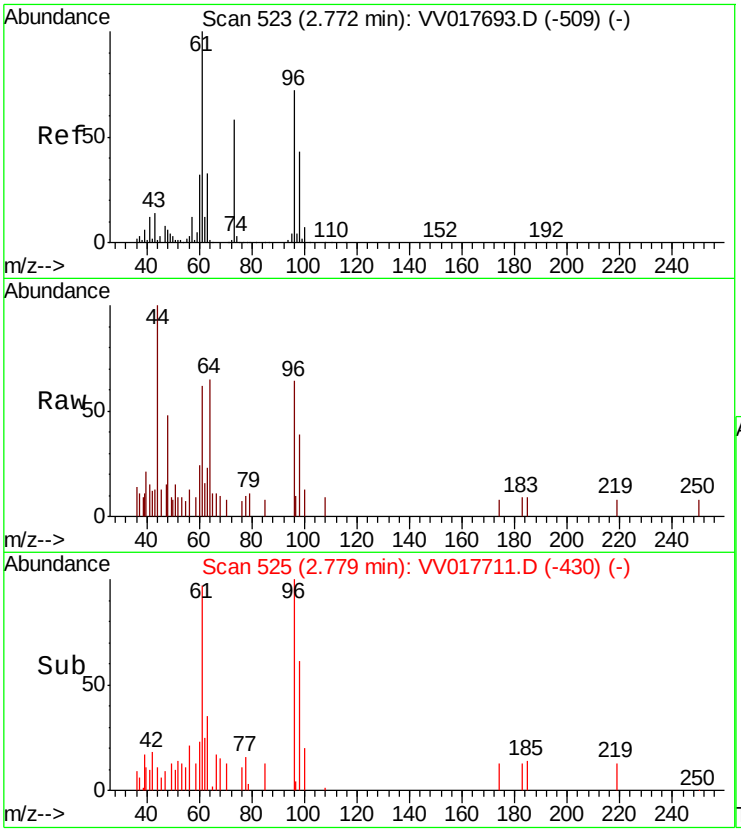


#16
Methylene chloride
Concen: 0.172 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Tgt Ion: 84 Resp: 1568

Ion	Ratio	Lower	Upper
84	100		
86	53.2	46.5	86.3
49	105.8	79.2	147.2



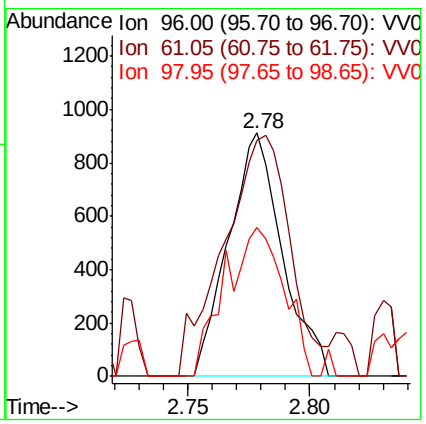


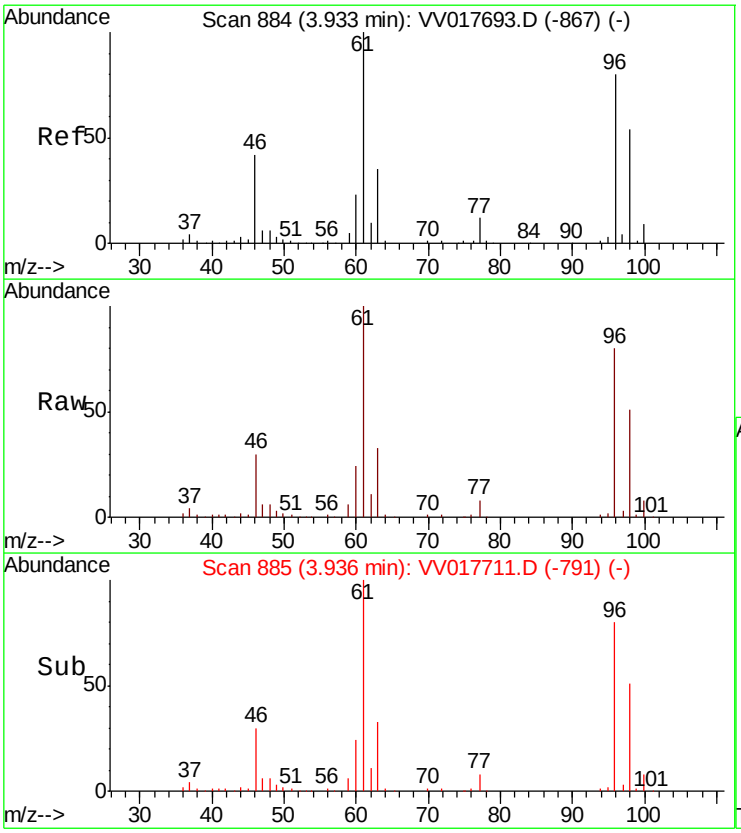
#18
trans-1,2-Dichloroethene
Concen: 0.156 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1393

Ion	Ratio	Lower	Upper
96	100		
61	97.1	96.0	178.4
98	61.2	43.5	80.9

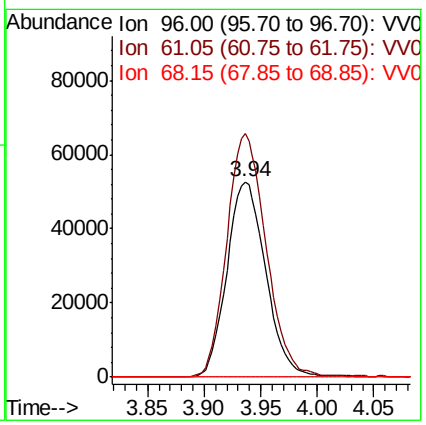


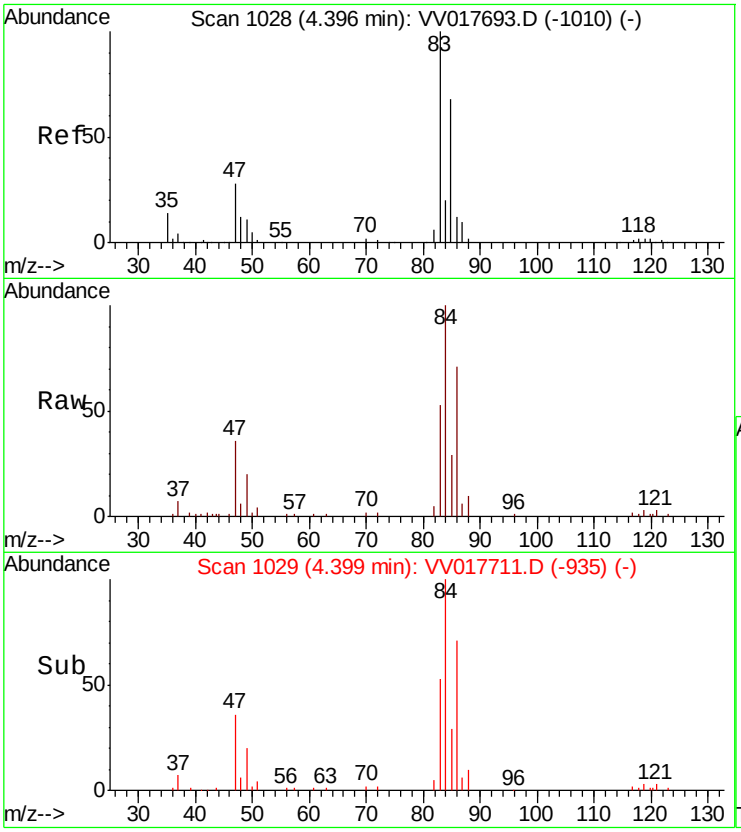


#22
cis-1,2-Dichloroethene
Concen: 11.203 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Tgt Ion: 96 Resp: 125766

Ion	Ratio	Lower	Upper
96	100		
61	124.5	89.6	166.4
68	0.0	0.0	0.0



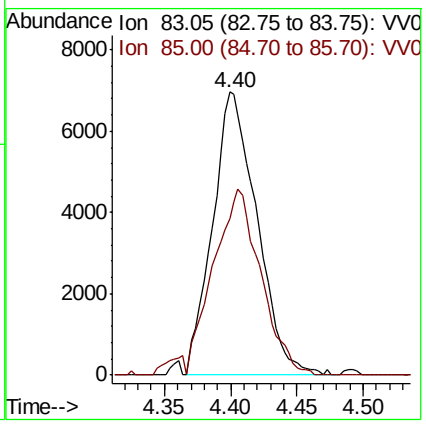


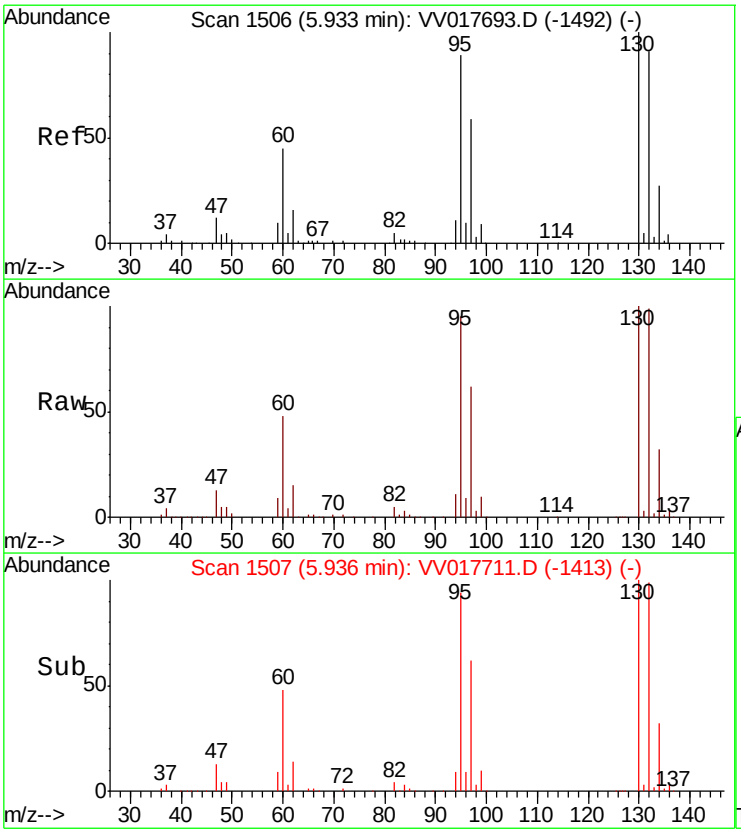
#25
Chloroform
Concen: 0.771 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 16224

Ion	Ratio	Lower	Upper
83	100		
85	55.5	47.3	87.9

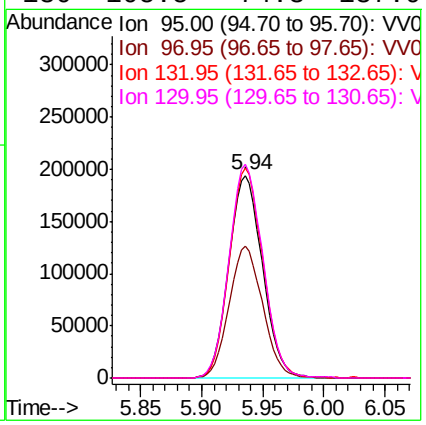


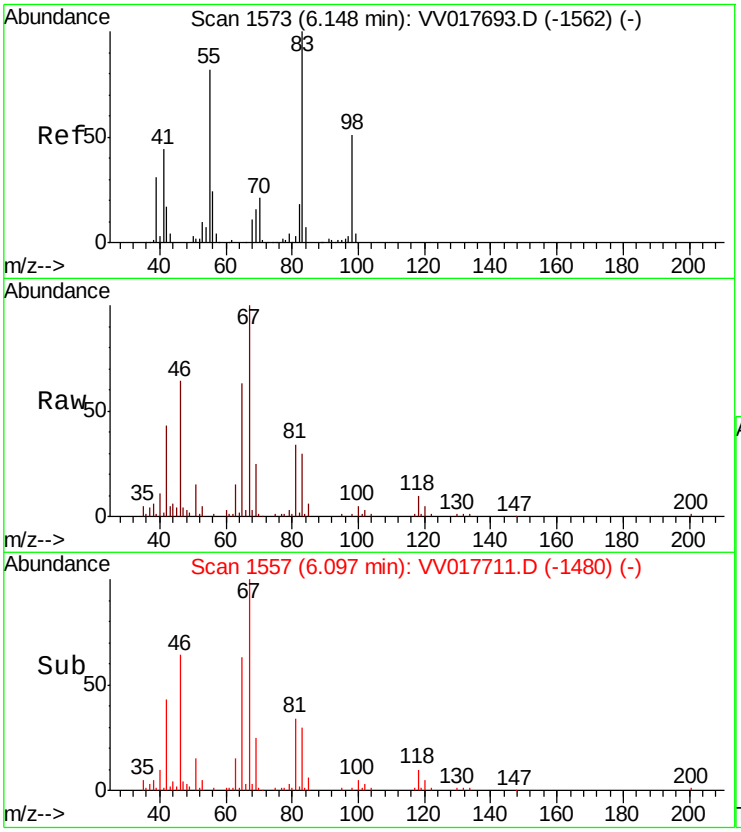


#34
Trichloroethene
Concen: 31.857 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Tgt Ion: 95 Resp: 373594

Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.1	85.5
132	104.0	71.7	133.1
130	105.5	74.3	137.9



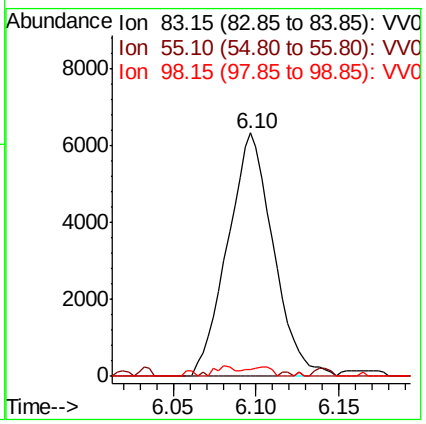


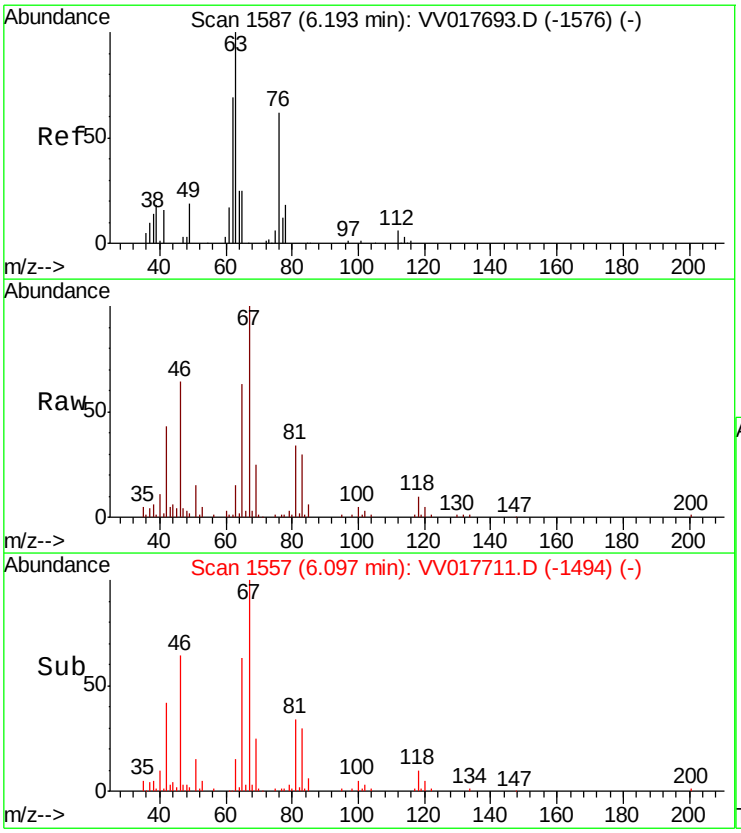
#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 12122

Ion	Ratio	Lower	Upper
83	100		
55	0.5	61.8	92.8#
98	0.0	39.0	58.6#

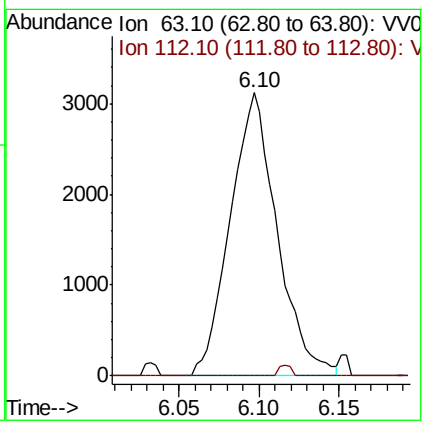


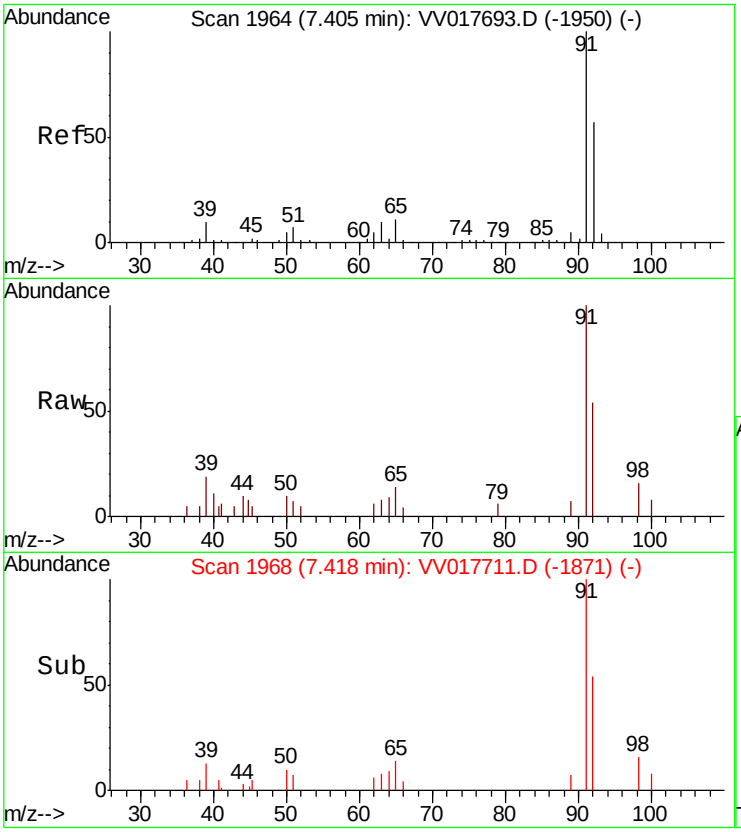


#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Tgt Ion: 63 Resp: 6259

Ion	Ratio	Lower	Upper
63	100		
112	1.0	4.5	6.7#



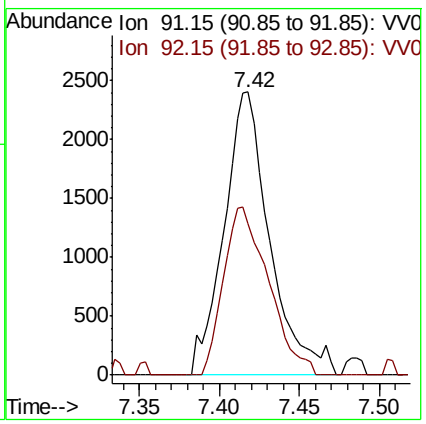


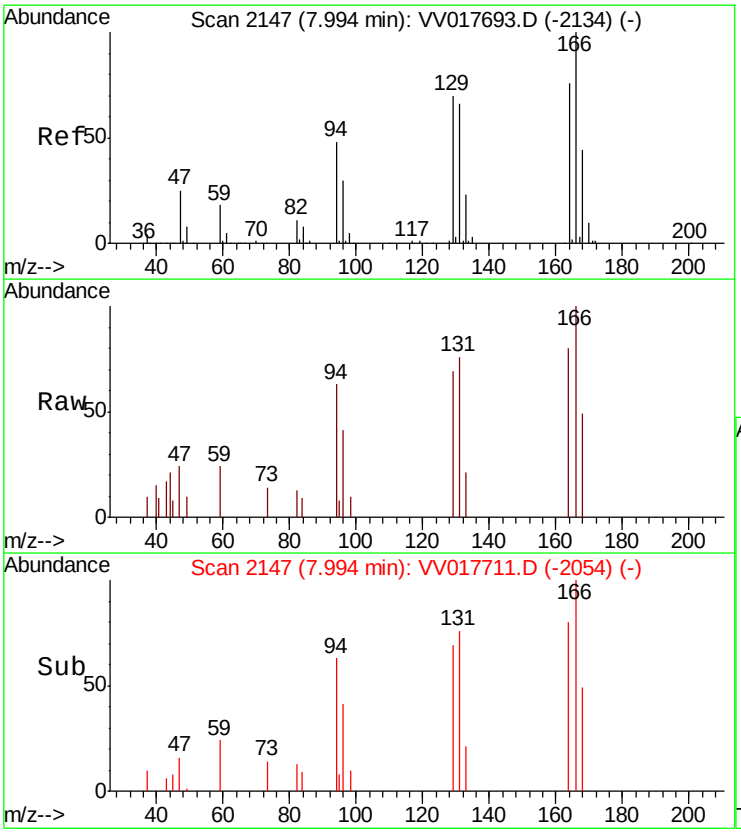
#42
Toluene
Concen: 0.103 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 4711

Ion	Ratio	Lower	Upper
91	100		
92	53.5	40.8	75.8

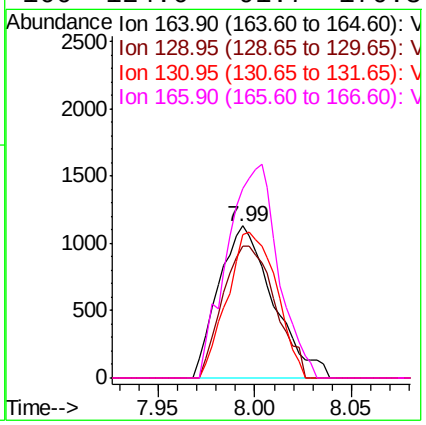


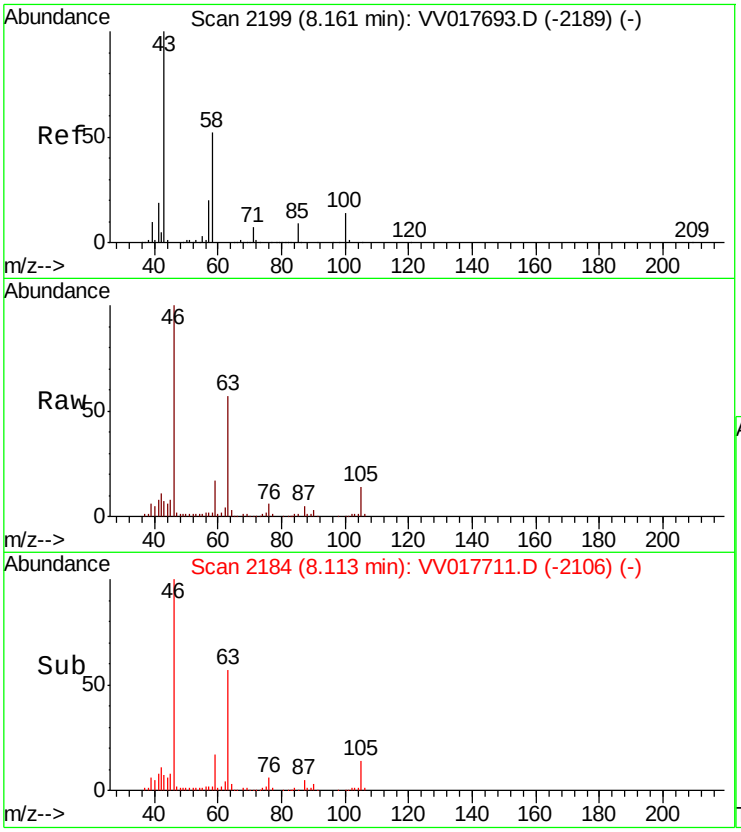


#49
Tetrachloroethene
Concen: 0.215 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Tgt Ion:164 Resp: 2220

Ion	Ratio	Lower	Upper
164	100		
129	86.3	65.0	120.8
131	94.3	63.6	118.2
166	124.6	91.7	170.3



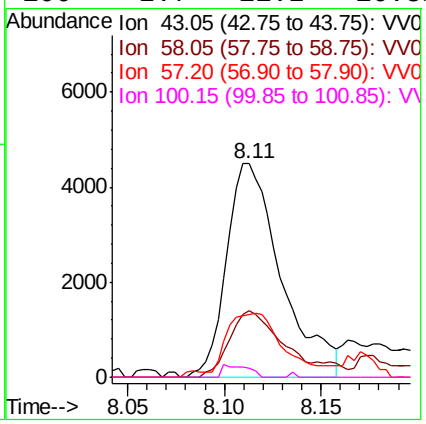


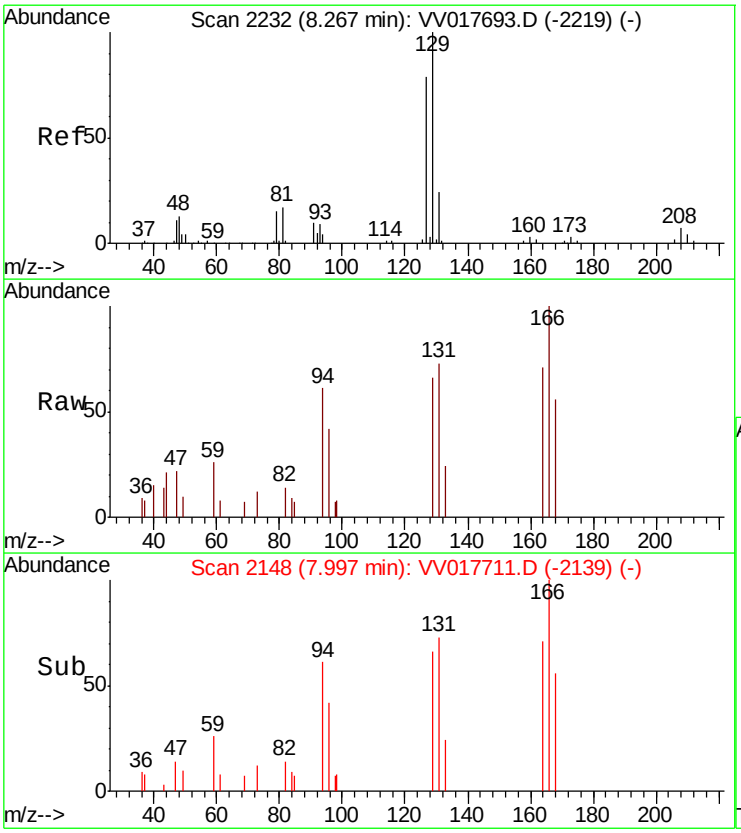
#50
2-Hexanone
Concen: 2.313 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 8854

Ion	Ratio	Lower	Upper
43	100		
58	32.6	41.6	62.4#
57	31.1	15.4	23.0#
100	2.7	11.2	16.8#





#51
Dibromochloromethane
Concen: 0.191 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Tgt Ion:129 Resp: 1817

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.3	104.5#