Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062220\
Data File : VV017014.D
Acq On : 22 Jun 2020 12:06
Operator : SY/MD
Sample : L3074-02DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9M04DL

Quant Time: Jun 23 03:24:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 23 03:22:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346956	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159600	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	104614	42.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.46%			
7) Chloroethane-d5	1.58	69	70729	48.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.30%			
11) 1,1-Dichloroethene-d2	2.12	63	155576	37.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.68%			
21) 2-Butanone-d5	3.91	46	161429	89.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.09%			
24) Chloroform-d	4.37	84	234782	47.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.32%			
26) 1,2-Dichloroethane-d4	5.05	65	164622	48.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.24%			
32) Benzene-d6	5.07	84	450501	47.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.92%			
36) 1,2-Dichloropropane-d6	6.09	67	139697	47.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.42%			
41) Toluene-d8	7.34	98	410429	47.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.24%			
43) trans-1,3-Dichloropropene-	7.64	79	69687	45.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.44%			
47) 2-Hexanone-d5	8.11	63	95005	73.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.65%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160651	41.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.02%			
64) 1,2-Dichlorobenzene-d4	11.65	152	170704	50.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.24%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	17437	7.049	ug/L	89
8) Chloroethane	1.32	64	6924	5.666	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1589	0.861	ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1594	0.926	ug/L #	1
16) Methylene chloride	2.53	84	1770	0.700	ug/L	95
34) Trichloroethene	5.94	95	80539	30.823	ug/L	99
35) Methylcyclohexane	6.09	83	35083	8.559	ug/L #	17
46) Tetrachloroethene	8.00	164	176925	86.095	ug/L	98
48) 2-Hexanone	8.17	43	12432	4.466	ug/L #	92

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

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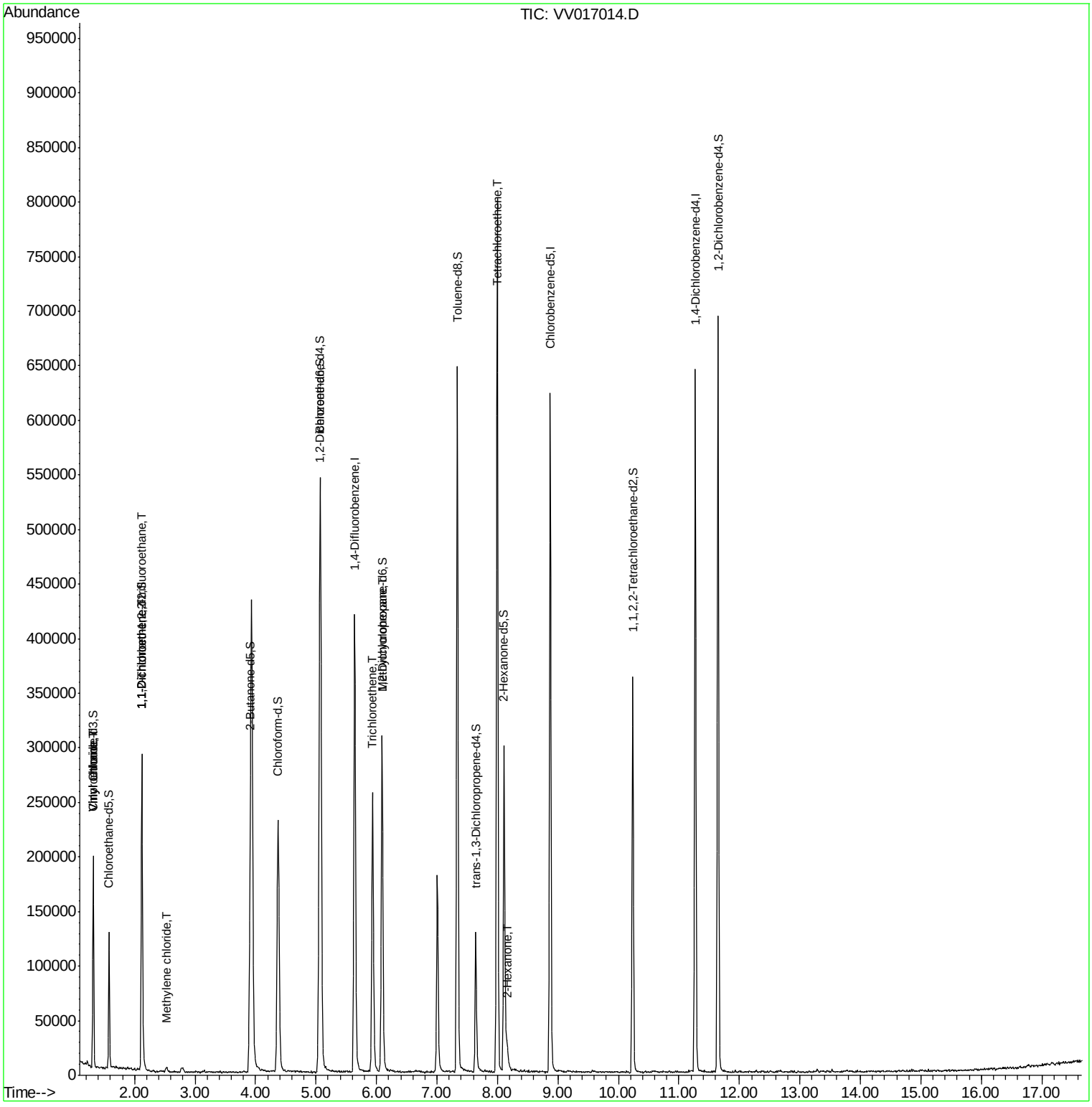
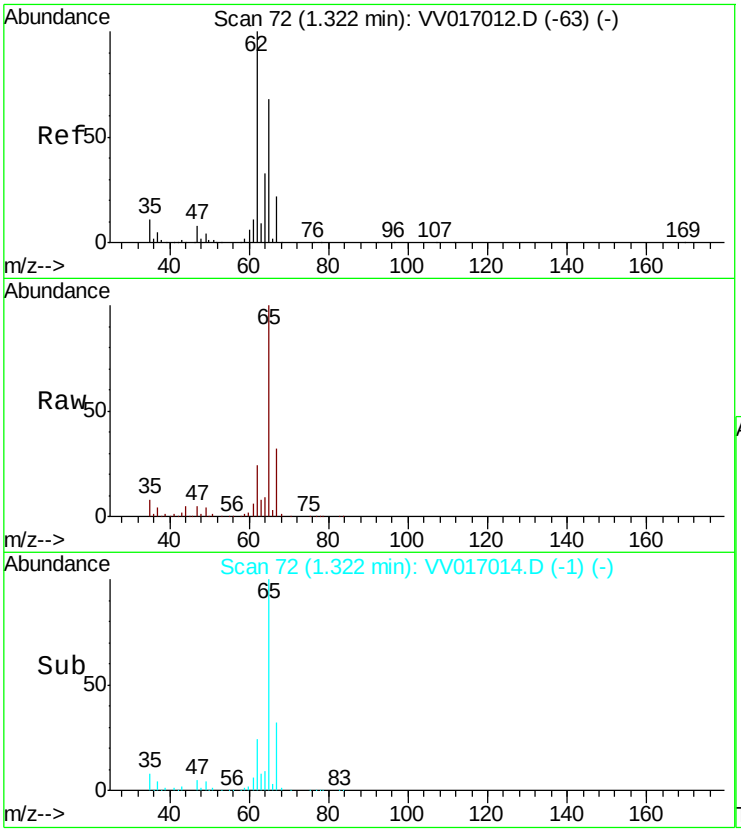
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9M04DL

Quant Time: Jun 23 03:24:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 23 03:22:30 2020
Response via : Initial Calibration



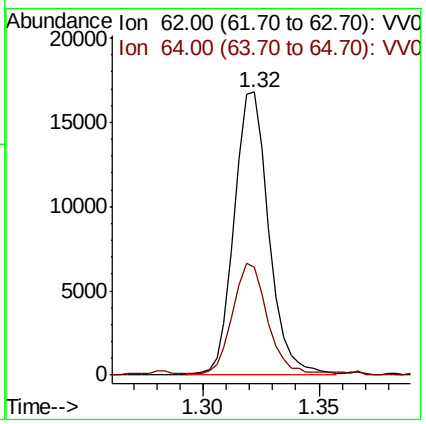


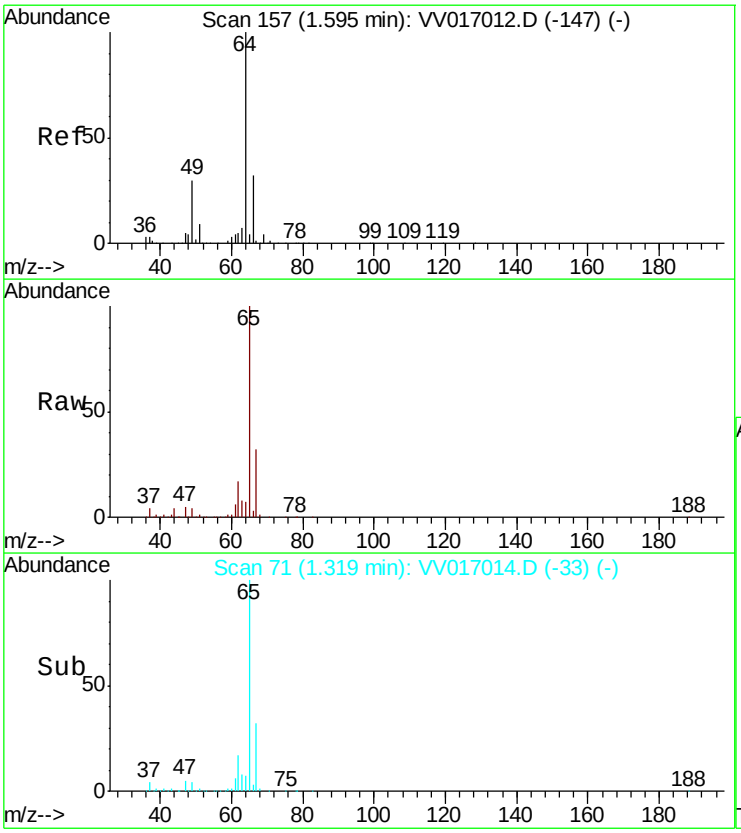
#5
Vinyl chloride
Concen: 7.049 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017014.D
Acq: 22 Jun 2020 12:06

Instrument :
MSVOA_V
ClientSampleId :
F9M04DL

Tgt Ion: 62 Resp: 17437

Ion	Ratio	Lower	Upper
62	100		
64	38.0	22.3	41.5

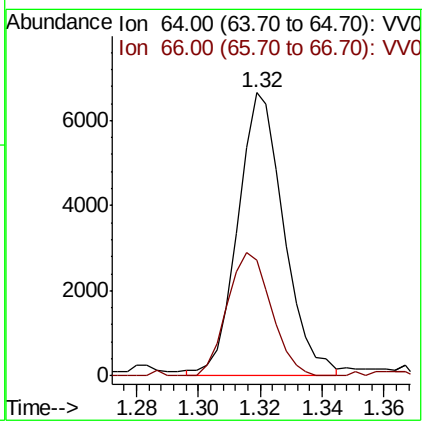


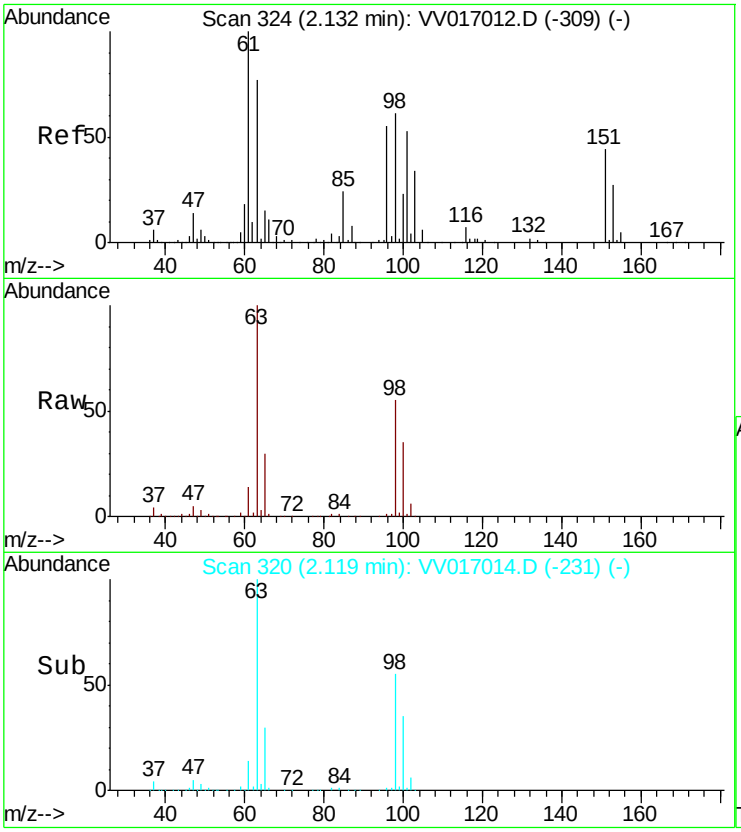


#8
Chloroethane
Concen: 5.666 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV017014.D
Acq: 22 Jun 2020 12:06

Tgt Ion: 64 Resp: 6924

Ion	Ratio	Lower	Upper
64	100		
66	40.9	23.2	43.0



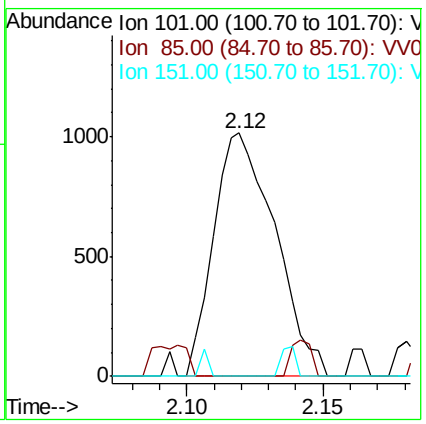


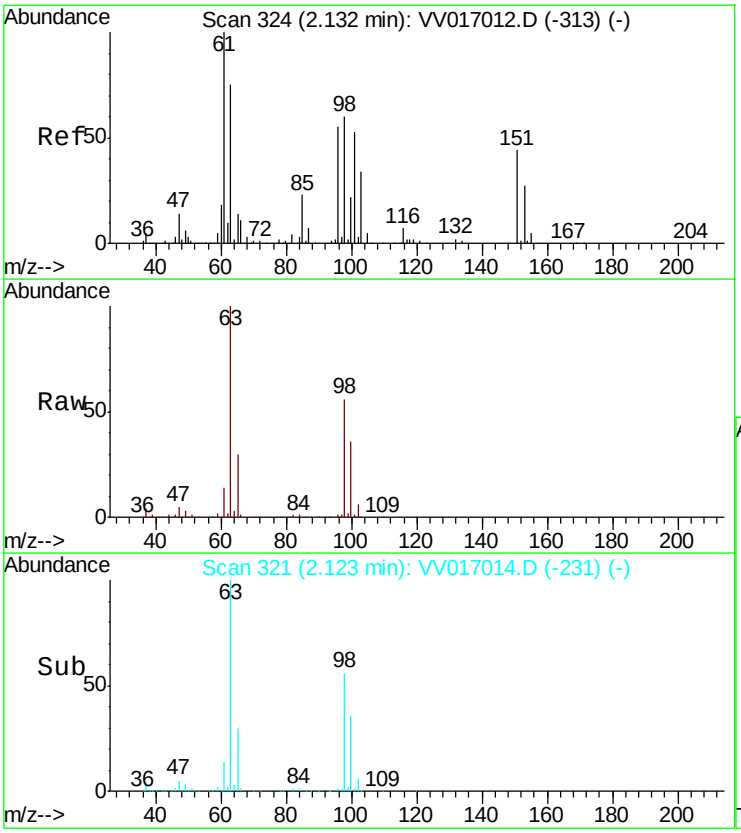
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.861 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV017014.D
Acq: 22 Jun 2020 12:06

Instrument : MSVOA_V
ClientSampleId : F9M04DL

Tgt Ion:101 Resp: 1589

Ion	Ratio	Lower	Upper
101	100		
85	5.0	35.5	53.3#
151	2.9	63.9	95.9#

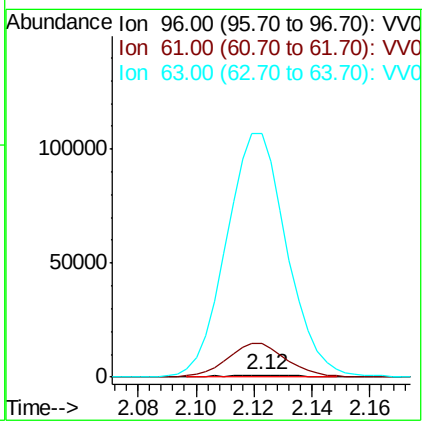


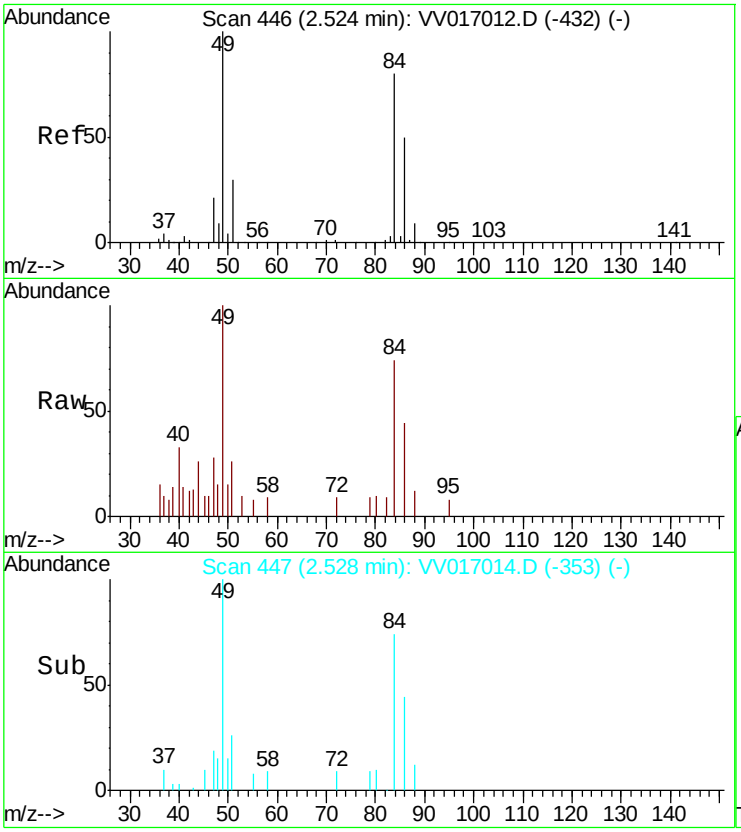


#12
1,1-Dichloroethene
Concen: 0.926 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017014.D
Acq: 22 Jun 2020 12:06

Tgt Ion: 96 Resp: 1594

Ion	Ratio	Lower	Upper
96	100		
61	1581.4	130.4	242.2#
63	11393.8	103.3	191.9#



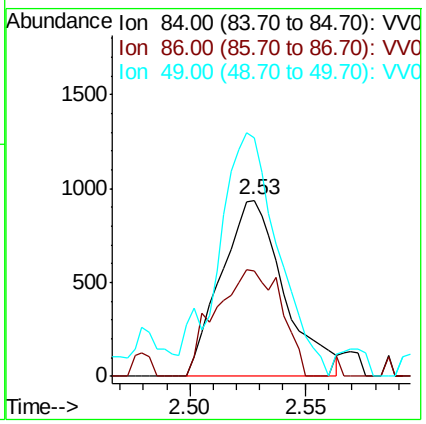


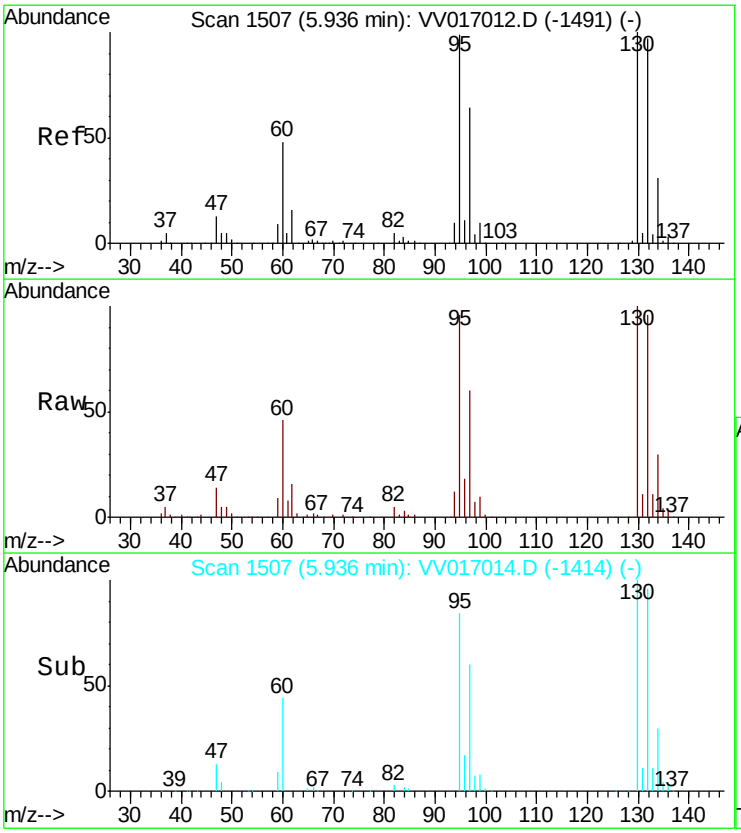
#16
Methylene chloride
Concen: 0.700 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV017014.D
Acq: 22 Jun 2020 12:06

Instrument : MSVOA_V
ClientSampleId : F9M04DL

Tgt Ion: 84 Resp: 1770

Ion	Ratio	Lower	Upper
84	100		
86	59.9	44.0	81.8
49	135.8	90.9	168.9

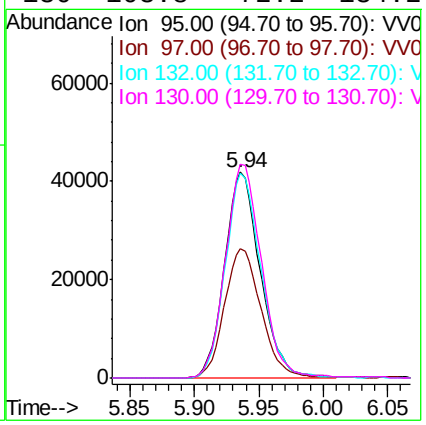


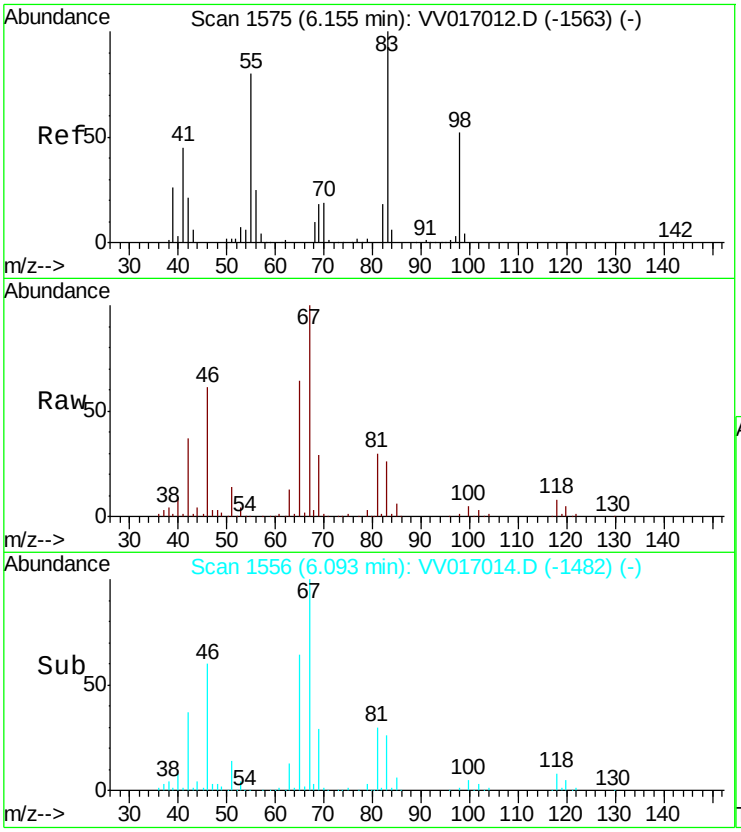


#34
Trichloroethene
Concen: 30.823 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017014.D
Acq: 22 Jun 2020 12:06

Tgt Ion: 95 Resp: 80539

Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.3	82.3
132	99.4	67.9	126.1
130	103.8	72.2	134.2



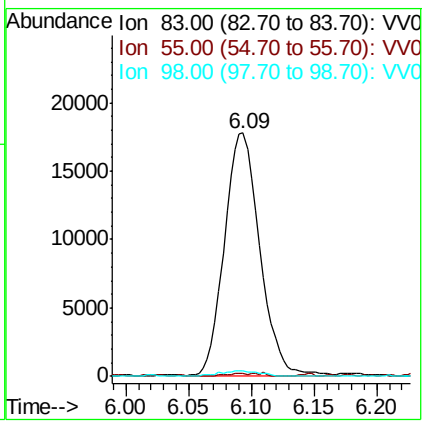


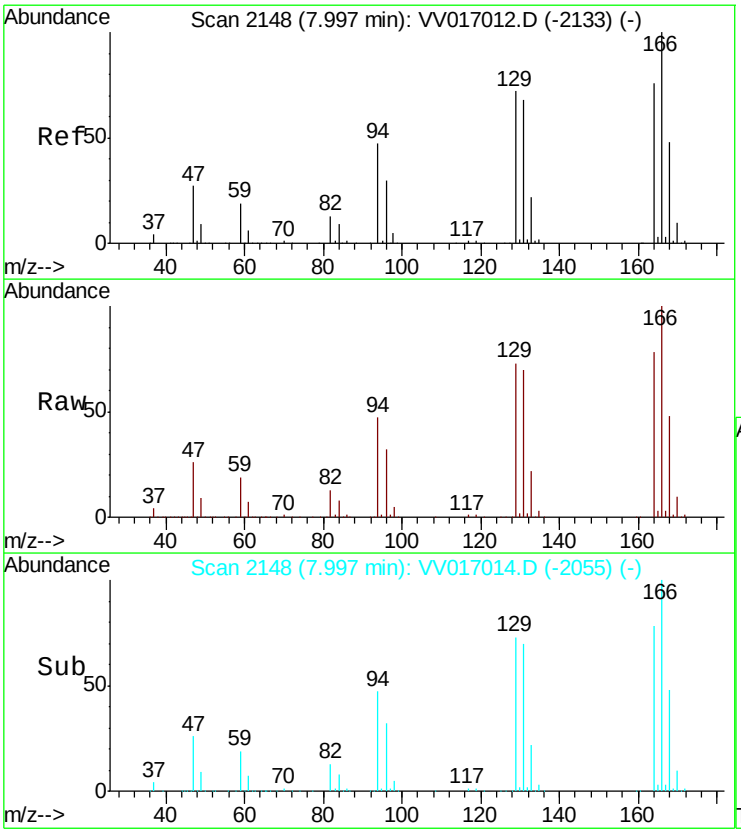
#35
Methylcyclohexane
Concen: 8.559 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017014.D
Acq: 22 Jun 2020 12:06

Instrument : MSVOA_V
ClientSampleId : F9M04DL

Tgt Ion: 83 Resp: 35083

Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.2	96.2#
98	0.8	40.3	60.5#

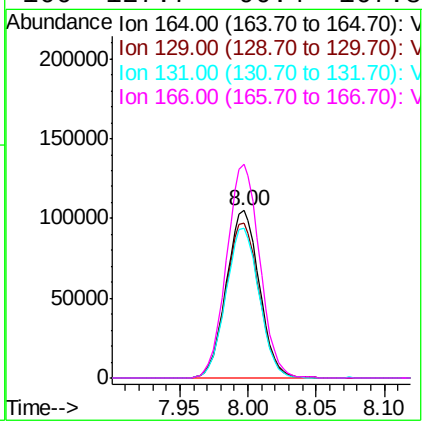


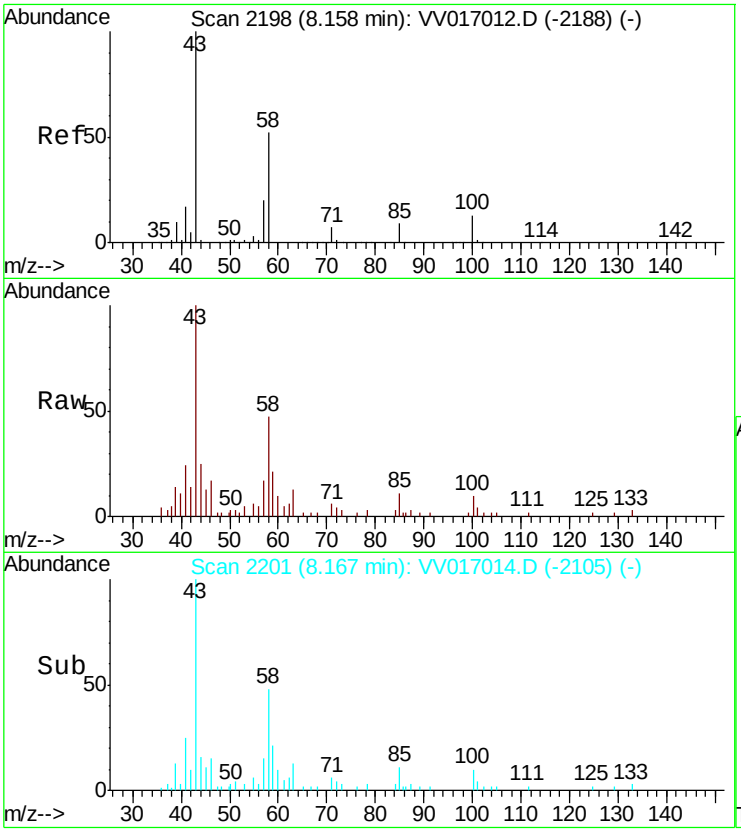


#46
Tetrachloroethene
Concen: 86.095 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017014.D
Acq: 22 Jun 2020 12:06

Tgt Ion:164 Resp: 176925

Ion	Ratio	Lower	Upper
164	100		
129	92.8	67.0	124.4
131	89.8	64.8	120.3
166	127.7	90.4	167.8





#48
2-Hexanone
Concen: 4.466 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017014.D
Acq: 22 Jun 2020 12:06

Instrument :
MSVOA_V
ClientSampleId :
F9M04DL

Tgt Ion: 43 Resp: 12432

Ion	Ratio	Lower	Upper
43	100		
58	49.5	43.1	64.7
57	16.3	15.3	22.9
100	6.4	10.0	15.0#