Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV063020\
Data File : VV017273.D
Acq On : 30 Jun 2020 20:22
Operator : SY/MD
Sample : L3168-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 01 06:06:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161160	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159903	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72884	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45694	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.40%			
7) Chloroethane-d5	1.58	69	38259	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.80%			
11) 1,1-Dichloroethene-d2	2.13	63	68483	3.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.40%			
20) 2-Butanone-d5	3.93	46	125189	50.78	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.56%			
24) Chloroform-d	4.38	84	102716	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.06	65	59230	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
32) Benzene-d6	5.08	84	192239	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.10	67	56462	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.34	98	170077	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
45) trans-1,3-Dichloropropene-	7.64	79	24164	4.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.40%			
48) 2-Hexanone-d5	8.11	63	88011	44.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.32%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40975	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	67868	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
8) Chloroethane	1.55	64	234708	40.159	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	639	0.075	ug/L #	21
14) Carbon disulfide	2.31	76	942	0.041	ug/L #	47
15) Methyl Acetate	2.47	43	1179	0.387	ug/L #	59
25) Chloroform	4.41	83	5891	0.293	ug/L	98
35) Methylcyclohexane	6.10	83	15626	0.820	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	8100	0.781	ug/L #	85
39) cis-1,3-Dichloropropene	7.00	75	1993	0.129	ug/L #	76
47) 1,1,2-Trichloroethane	8.00	97	1971	0.268	ug/L #	25
49) Tetrachloroethene	8.00	164	199634	20.227	ug/L	97
50) 2-Hexanone	8.16	43	3539	0.831	ug/L #	83
51) Dibromochloromethane	8.00	129	177451	19.911	ug/L #	11

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

Quantitation Report (Not Reviewed)

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Misc : 25.0mL/MSVOA_V/WATER
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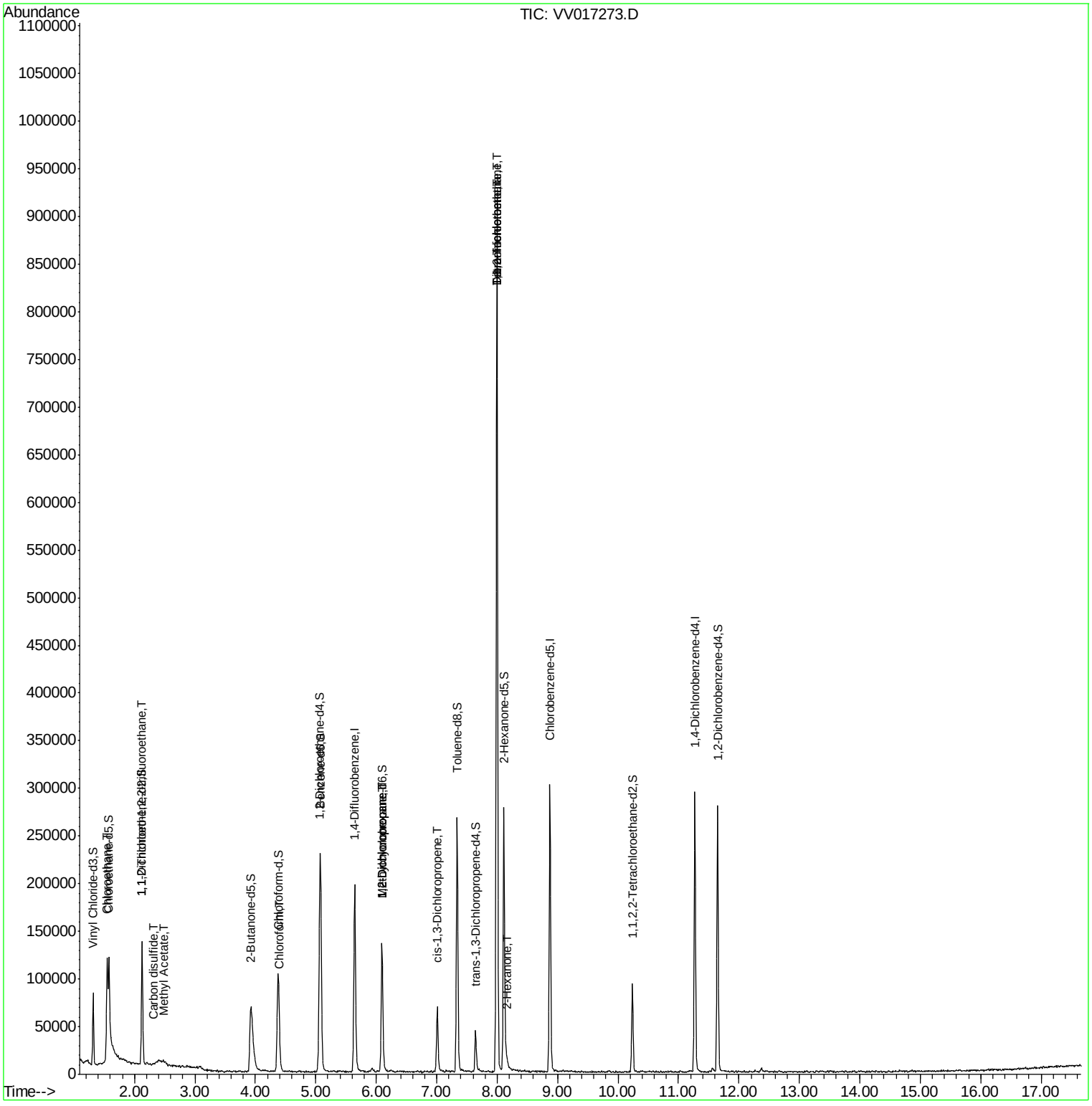
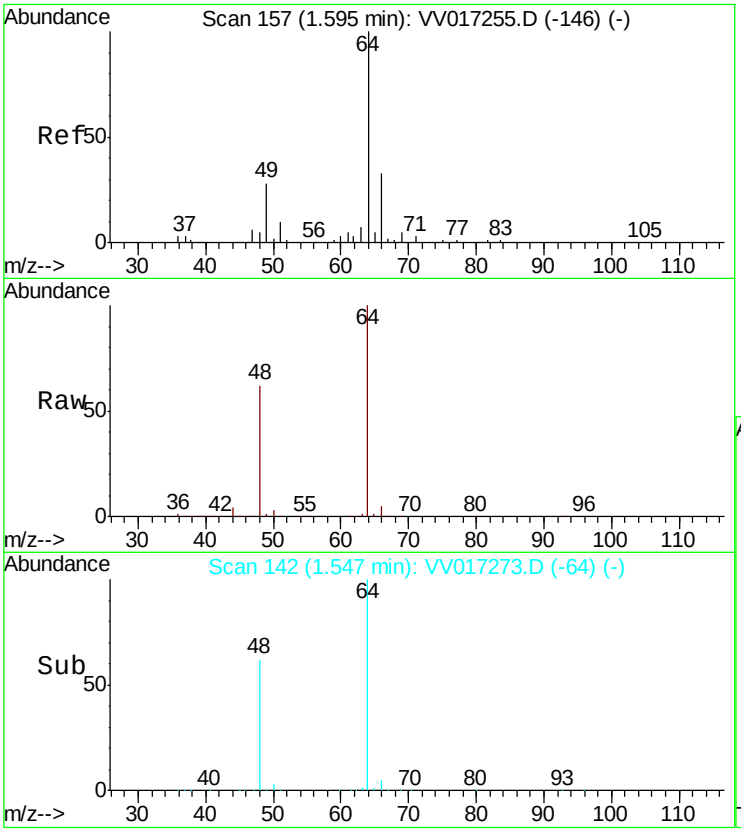
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 01 06:06:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration



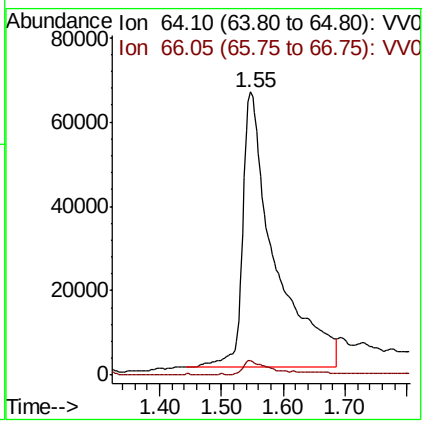


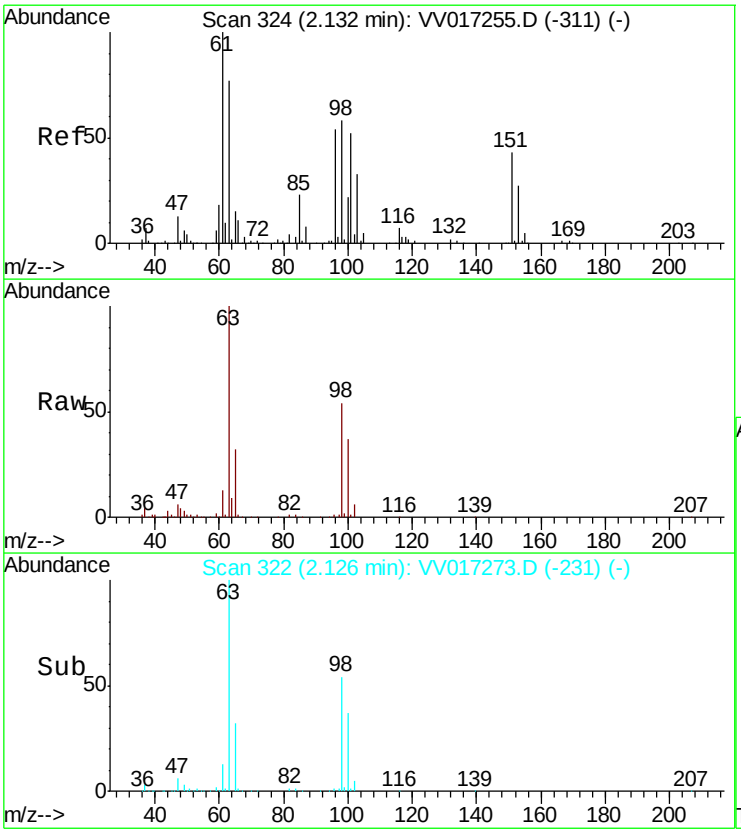
#8
Chloroethane
Concen: 40.159 ug/L
RT: 1.55 min Scan# 142
Delta R.T. -0.05 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 234708

Ion	Ratio	Lower	Upper
64	100		
66	5.2	22.8	42.4#

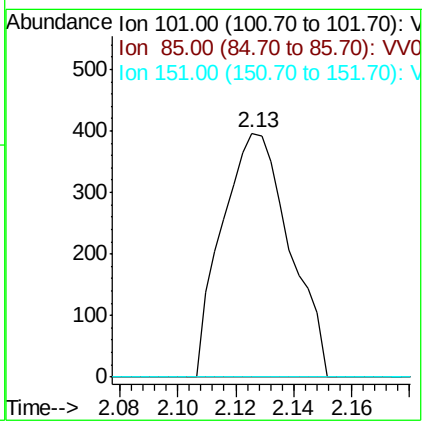


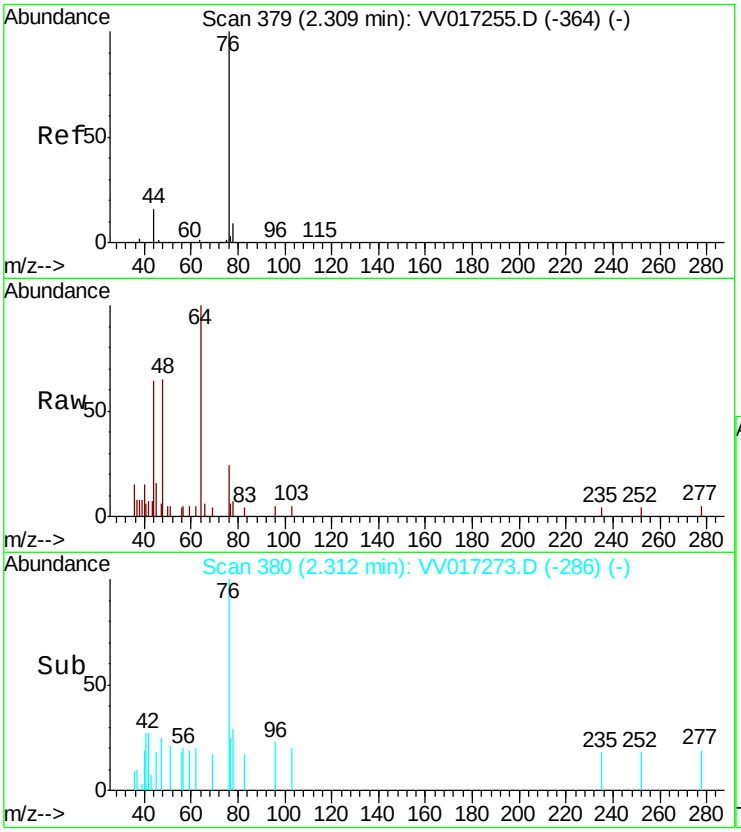


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Tgt Ion:101 Resp: 639

Ion	Ratio	Lower	Upper
101	100		
85	6.9	35.4	53.2#
151	0.0	63.9	95.9#



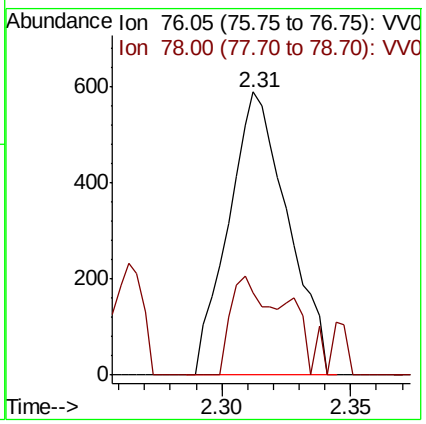


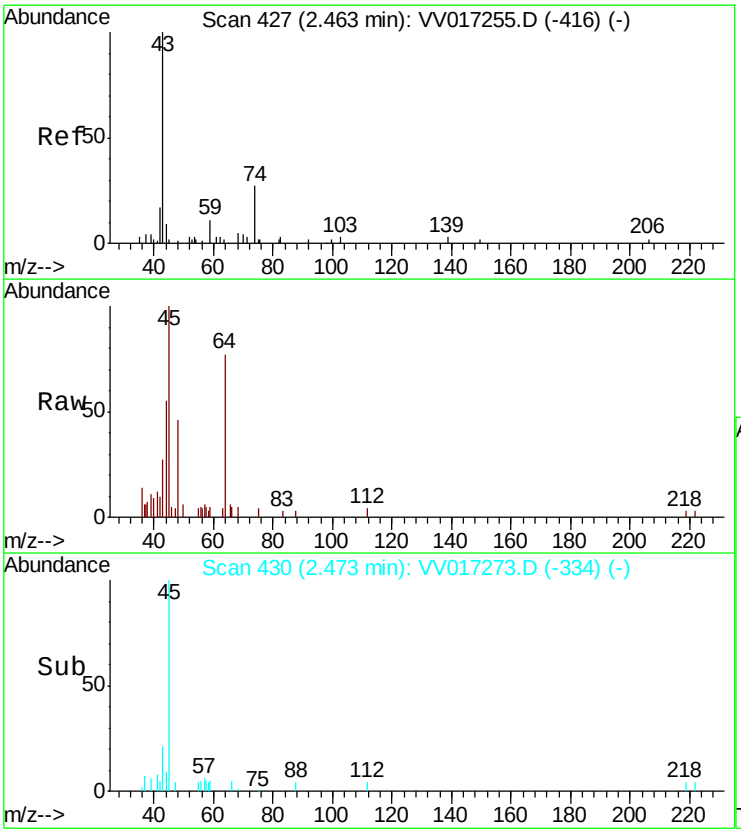
#14
Carbon disulfide
Concen: 0.041 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 942

Ion	Ratio	Lower	Upper
76	100		
78	29.2	7.7	11.5#

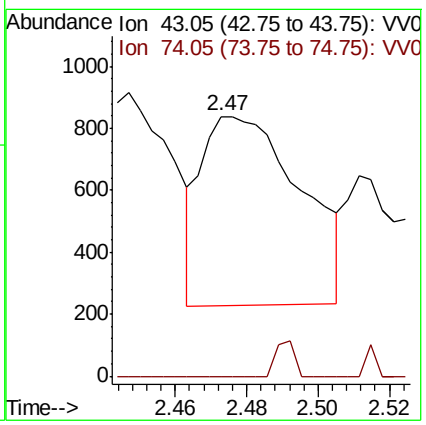


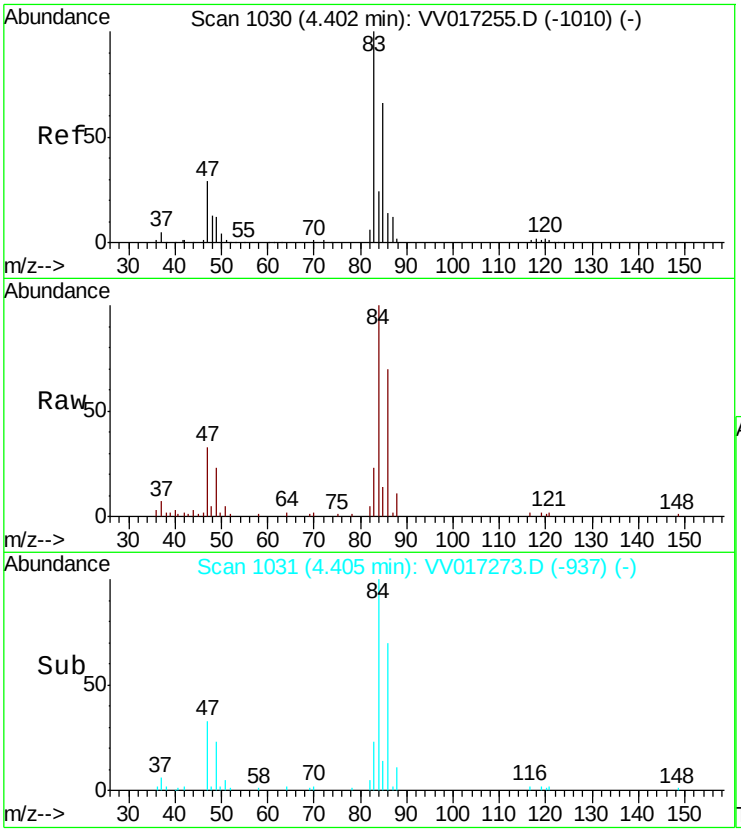


#15
Methyl Acetate
Concen: 0.387 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.01 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Tgt Ion: 43 Resp: 1179

Ion	Ratio	Lower	Upper
43	100		
74	3.5	19.1	28.7#



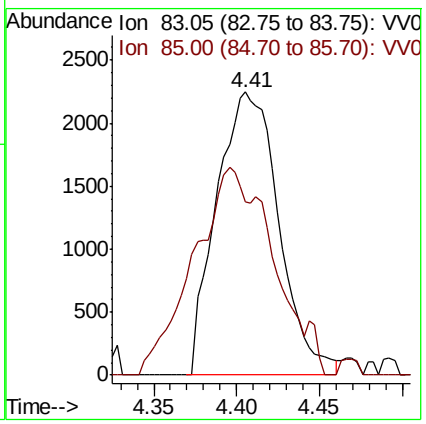


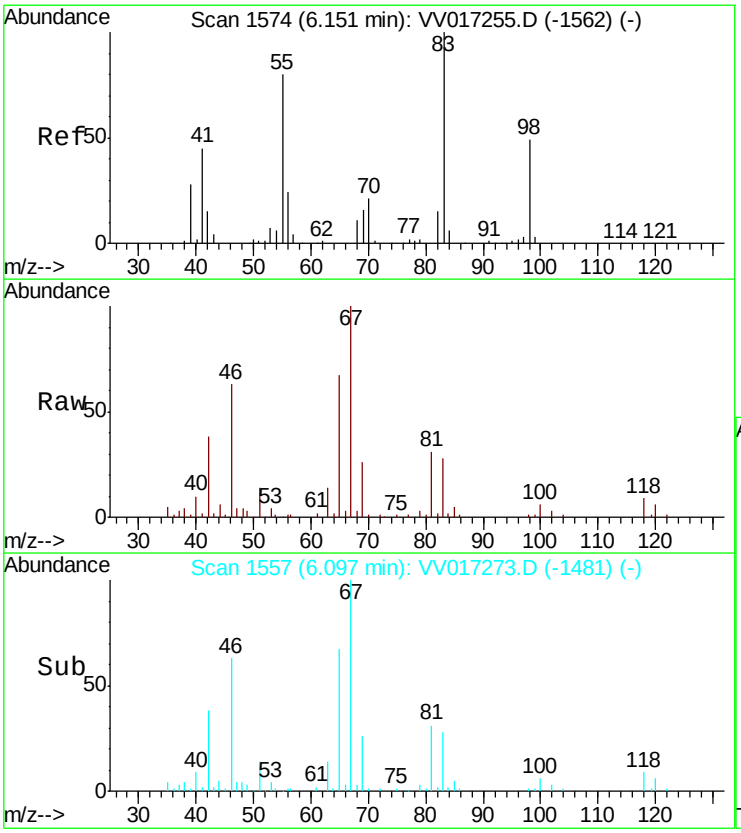
#25
Chloroform
Concen: 0.293 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 5891

Ion	Ratio	Lower	Upper
83	100		
85	61.4	44.2	82.2

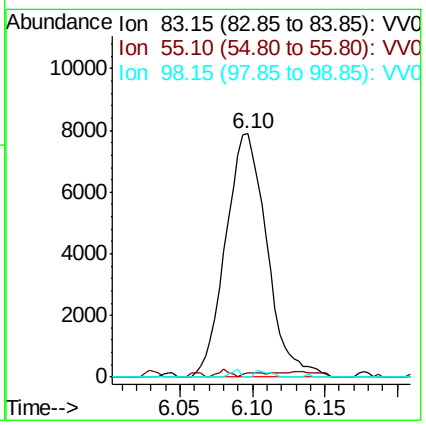


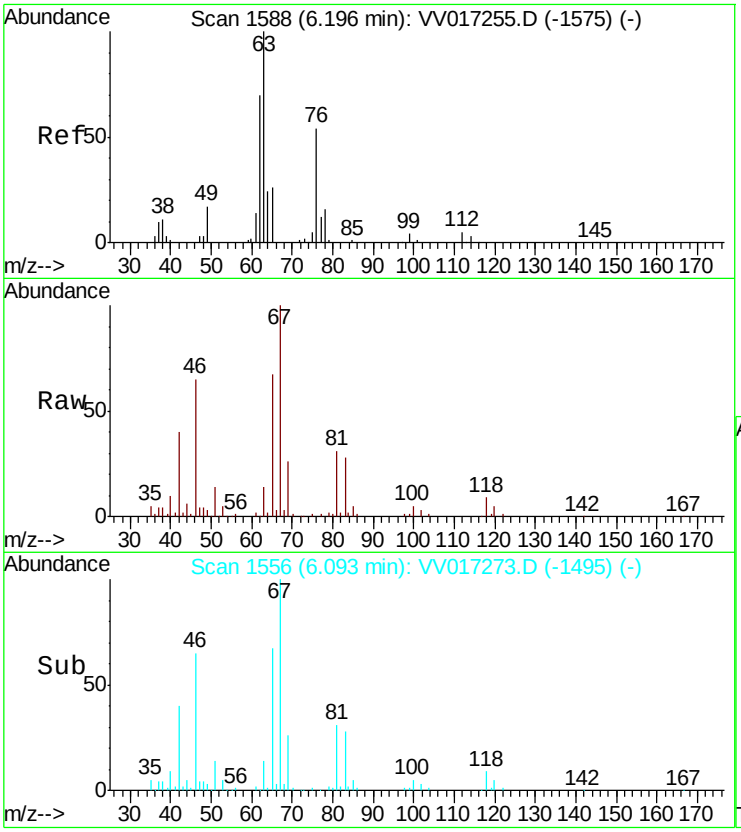


#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Tgt Ion: 83 Resp: 15626

Ion	Ratio	Lower	Upper
83	100		
55	1.0	63.6	95.4#
98	0.9	38.8	58.2#



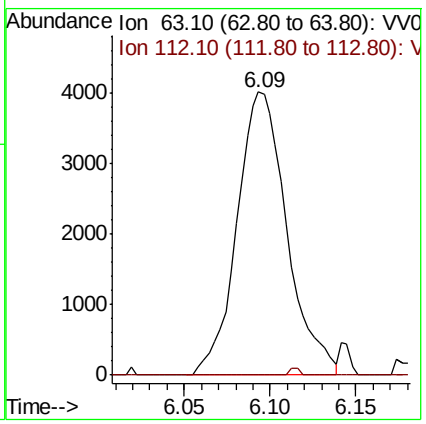


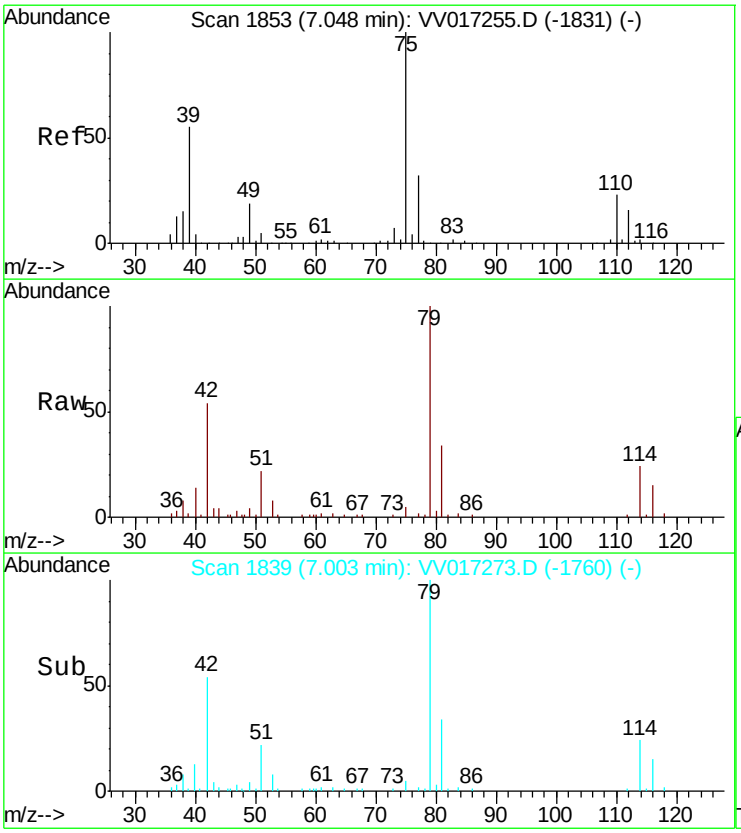
#37
1,2-Dichloropropane
Concen: 0.781 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 8100

Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.4	6.6#

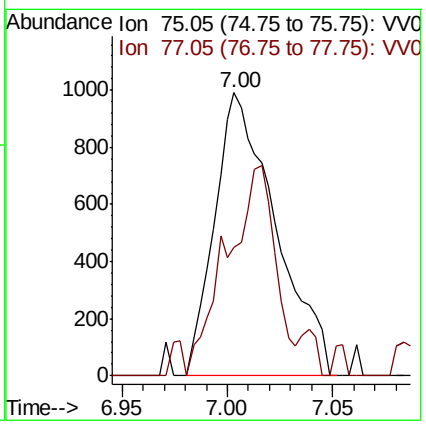


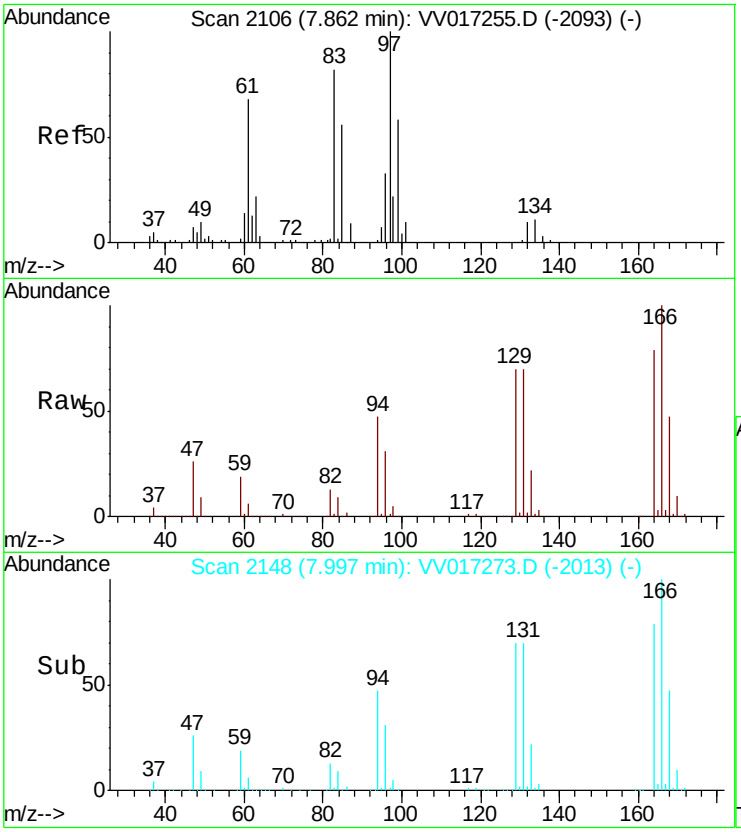


#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.00 min Scan# 1839
Delta R.T. -0.04 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Tgt Ion: 75 Resp: 1993

Ion	Ratio	Lower	Upper
75	100		
77	45.3	22.3	41.5#



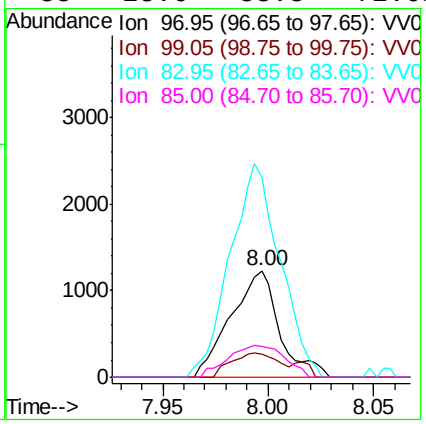


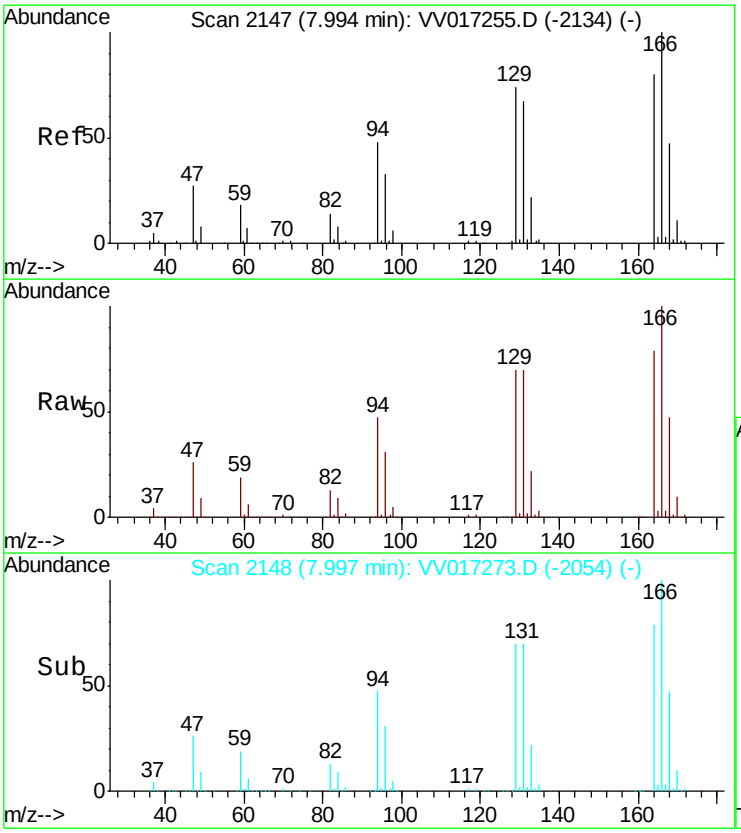
#47
1,1,2-Trichloroethane
Concen: 0.268 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.14 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 1971

Ion	Ratio	Lower	Upper
97	100		
99	21.6	43.6	81.0#
83	187.6	57.4	106.6#
85	28.6	38.8	72.0#

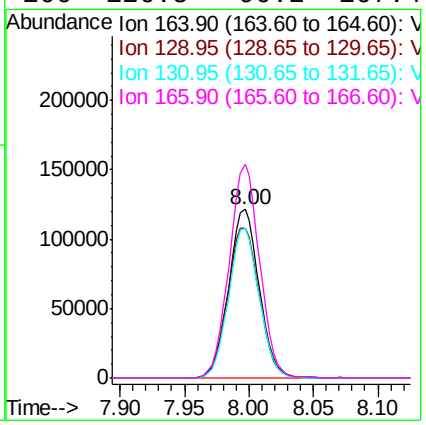


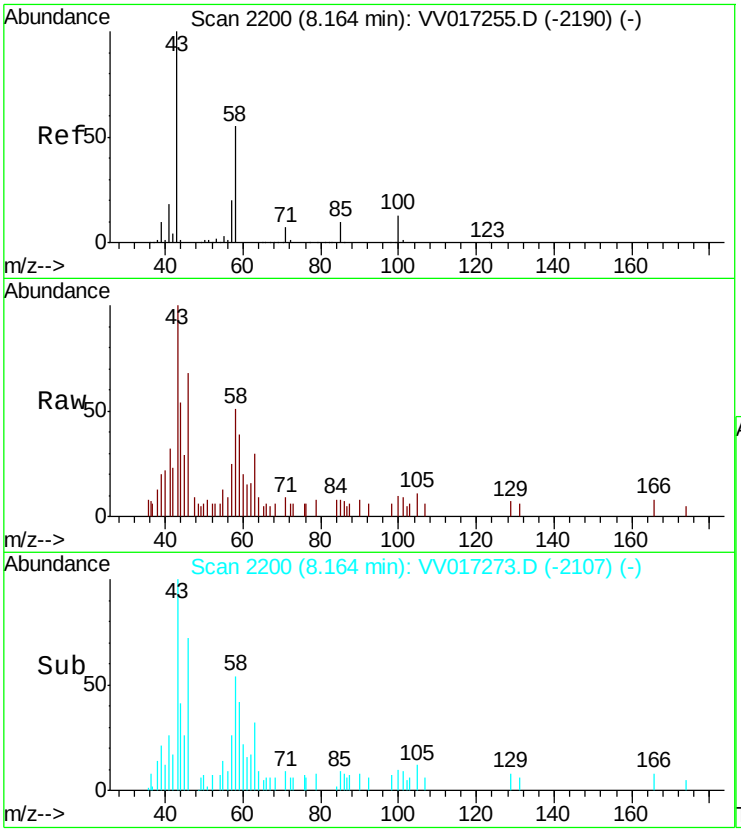


#49
Tetrachloroethene
Concen: 20.227 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Tgt Ion:164 Resp: 199634

Ion	Ratio	Lower	Upper
164	100		
129	89.1	65.2	121.0
131	88.7	64.1	119.1
166	126.5	90.2	167.4



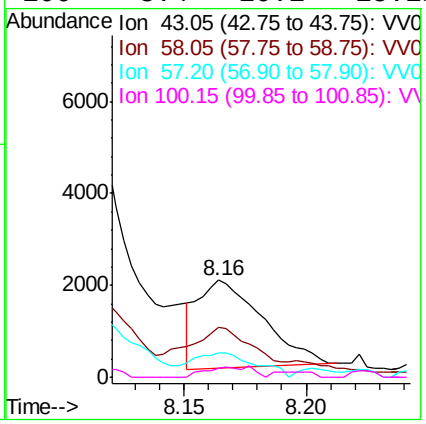


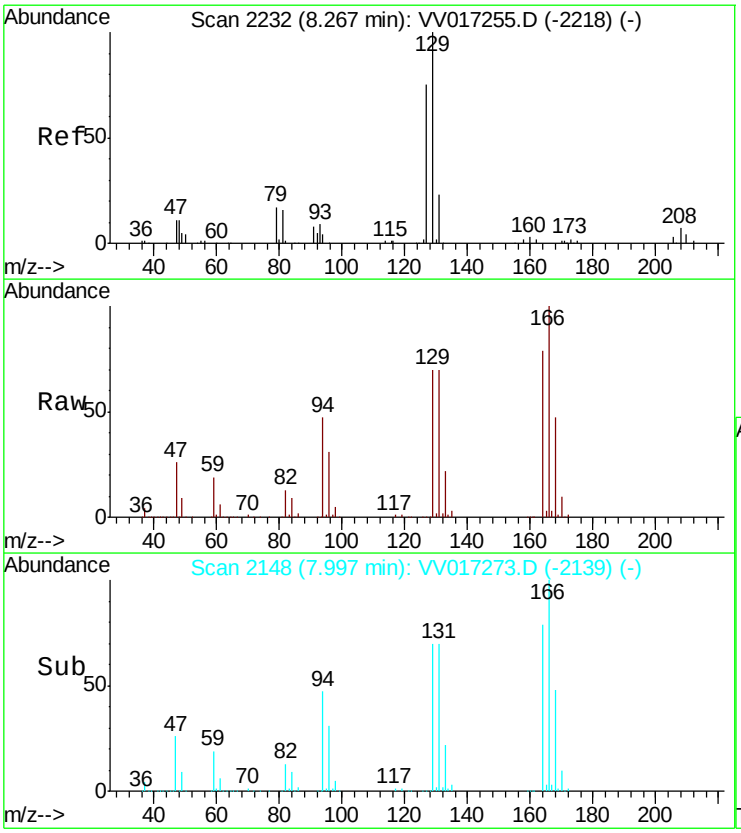
#50
2-Hexanone
Concen: 0.831 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3539

Ion	Ratio	Lower	Upper
43	100		
58	38.9	41.6	62.4#
57	26.3	15.4	23.0#
100	8.4	10.1	15.1#





#51
Dibromochloromethane
Concen: 19.911 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017273.D
Acq: 30 Jun 2020 20:22

Tgt Ion:129 Resp: 177451

Ion	Ratio	Lower	Upper
129	100		
127	0.2	54.1	100.5#