Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017041.D
Acq On : 23 Jun 2020 00:57
Operator : SY/MD
Sample : L3067-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH7

Quant Time: Jun 23 05:01:25 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	187716	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	178369	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	92852	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	42790	3.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.00%			
7) Chloroethane-d5	1.58	69	34455	4.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.20%			
11) 1,1-Dichloroethene-d2	2.12	63	72168	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.40%			
20) 2-Butanone-d5	3.95	46	133448	46.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.96%			
24) Chloroform-d	4.38	84	108431	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.06	65	58452	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.07	84	205939	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	6.10	67	62638	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	7.34	98	200425	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
45) trans-1,3-Dichloropropene-	7.64	79	25240	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
48) 2-Hexanone-d5	8.11	63	91864	41.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.58%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44640	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	79464	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1412	0.111	ug/L	91
5) Vinyl chloride	1.21	62	1544	0.125	ug/L	87
8) Chloroethane	1.60	64	79373	11.660	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	705	0.071	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	8507	0.944	ug/L #	1
13) Acetone	2.23	43	5493	3.784	ug/L	89
14) Carbon disulfide	2.31	76	1597	0.059	ug/L #	66
16) Methylene chloride	2.52	84	4473	0.464	ug/L	91
18) trans-1,2-Dichloroethene	2.78	96	2260	0.237	ug/L	96
19) 1,1-Dichloroethane	3.21	63	8654786	403.478	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	3471	0.266	ug/L	99
27) 1,2-Dichloroethane	5.16	62	14898	1.023	ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	6159	0.288	ug/L #	77
33) Benzene	5.13	78	3910	0.084	ug/L	100
35) Methylcyclohexane	6.10	83	15532	0.730	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	7852	0.679	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	2262	0.132	ug/L	85

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017041.D
Acq On : 23 Jun 2020 00:57
Operator : SY/MD
Sample : L3067-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH7

Quant Time: Jun 23 05:01:25 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)
40) 4-Methyl-2-pentanone	7.16	43	86780	12.998	ug/L	#	46
42) Toluene	7.41	91	8503	0.157	ug/L		99
46) trans-1,3-Dichloropropene	7.65	75	1484	0.100	ug/L		96
50) 2-Hexanone	8.17	43	3806	0.801	ug/L		90
55) m,p-xylene	9.16	106	4037	0.178	ug/L		74

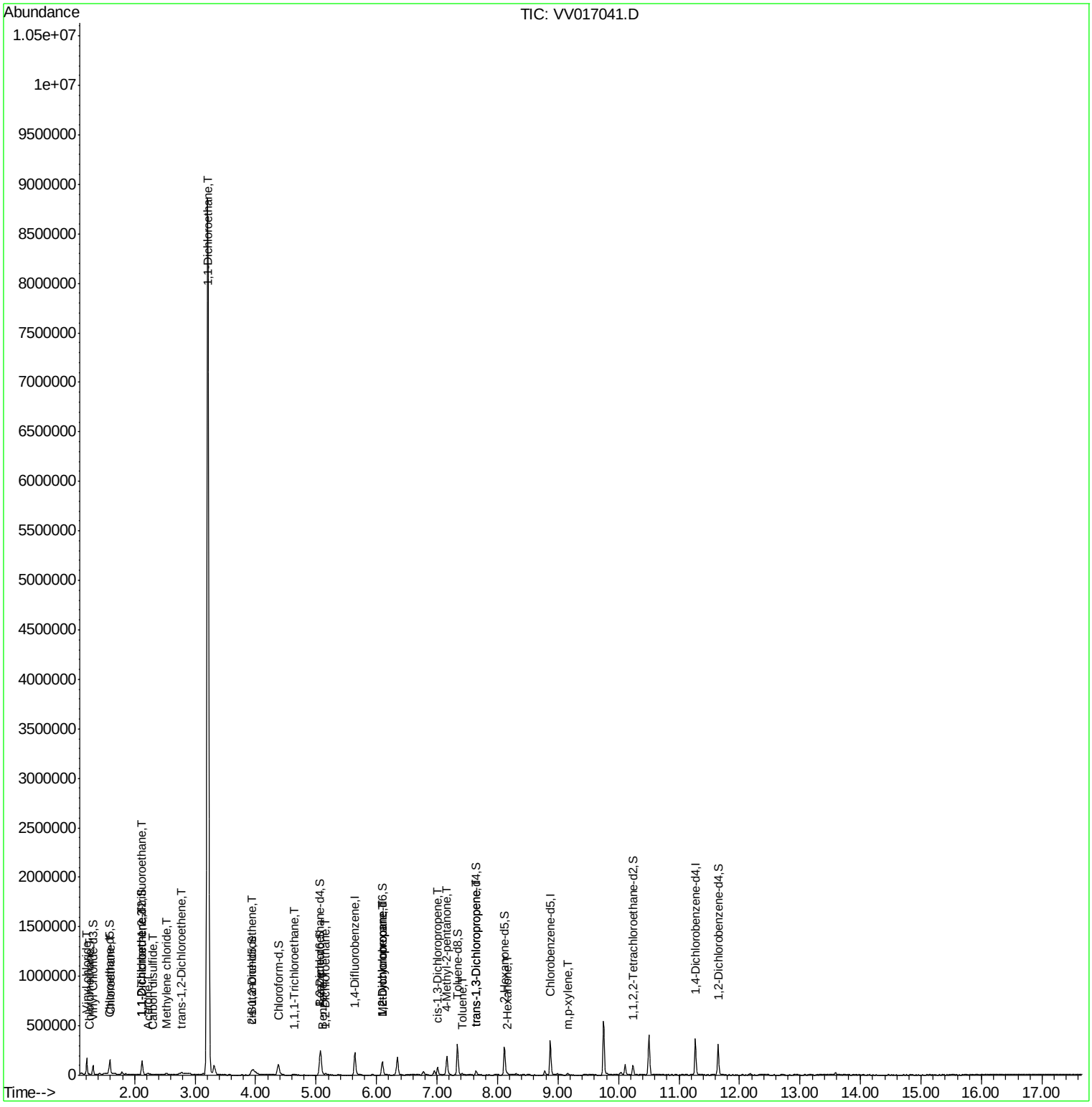
(#) = qualifier out of range (m) = manual integration (+) = signals summed

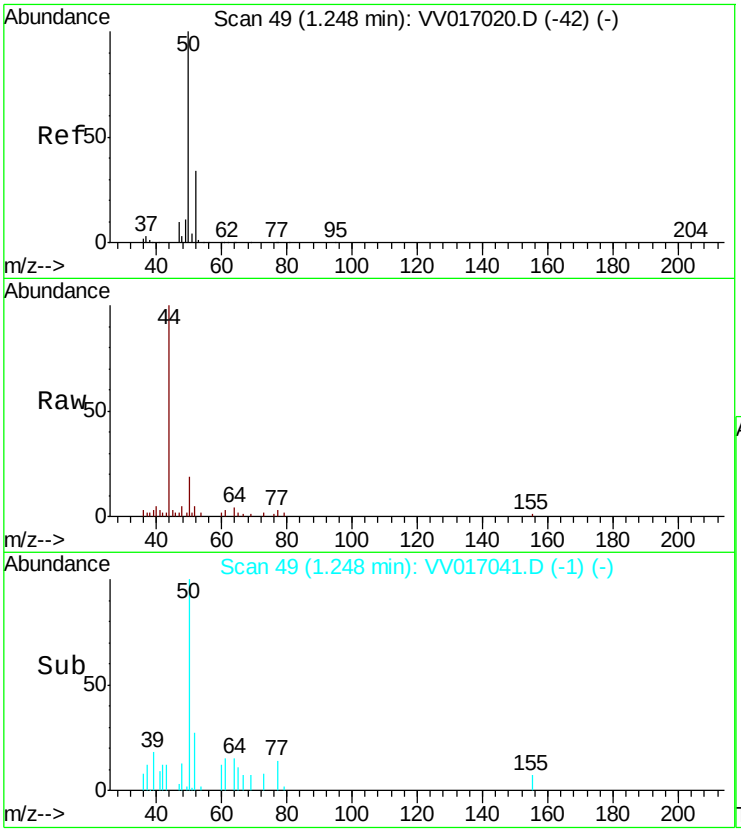
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017041.D
Acq On : 23 Jun 2020 00:57
Operator : SY/MD
Sample : L3067-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXH7

Quant Time: Jun 23 05:01:25 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



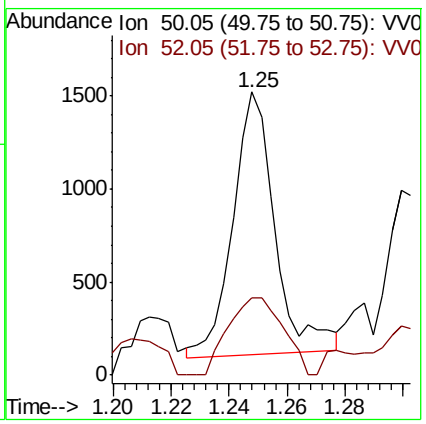


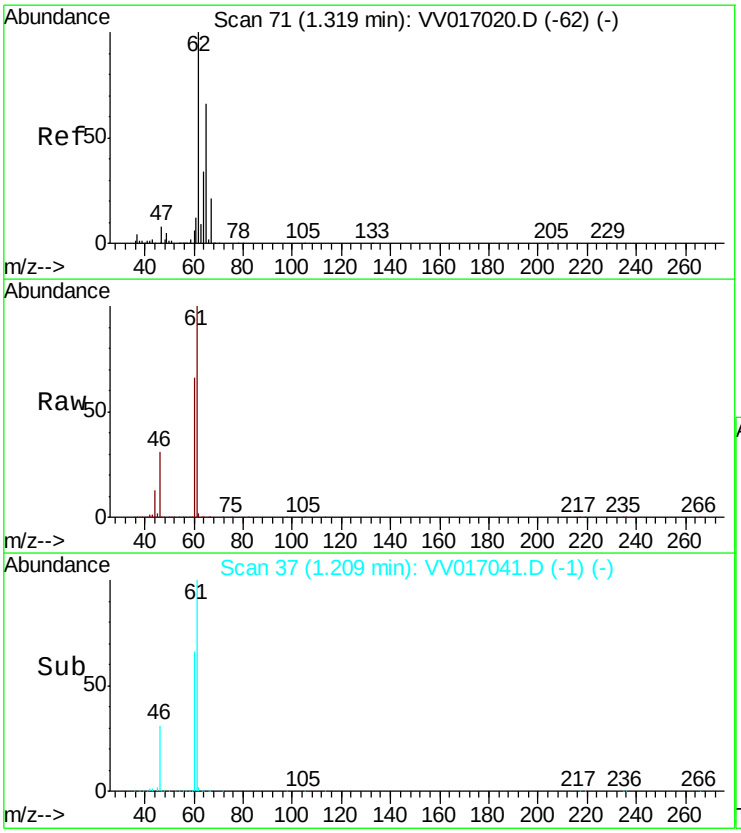
#3
Chloromethane
Concen: 0.111 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 50 Resp: 1412

Ion	Ratio	Lower	Upper
50	100		
52	27.4	22.5	41.9

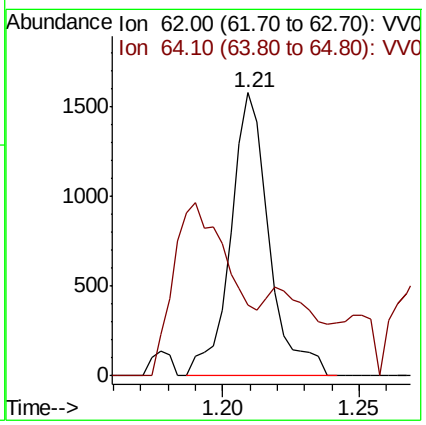


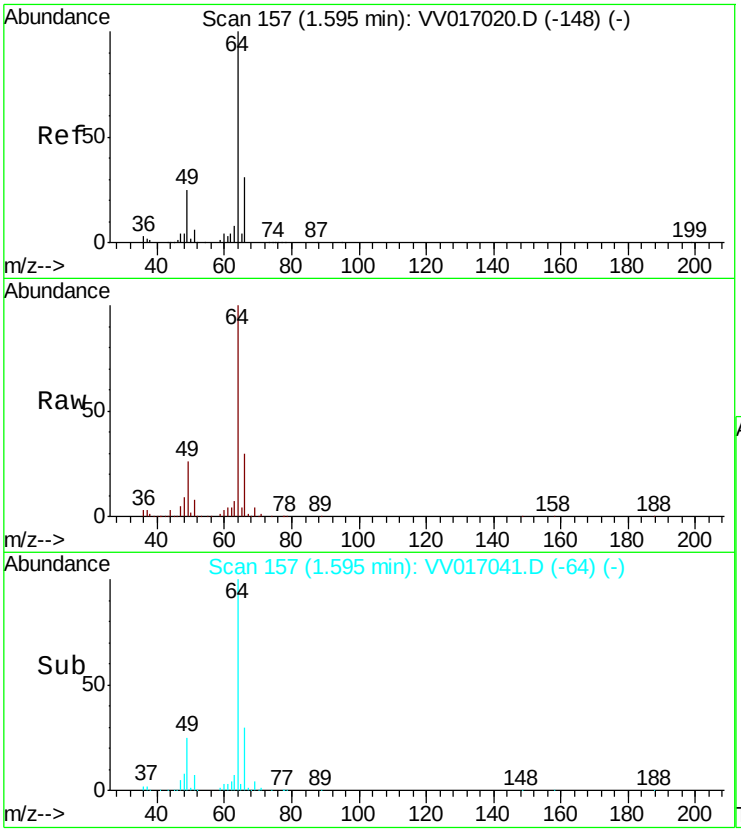


#5
Vinyl chloride
Concen: 0.125 ug/L
RT: 1.21 min Scan# 37
Delta R.T. -0.11 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion: 62 Resp: 1544

Ion	Ratio	Lower	Upper
62	100		
64	24.9	22.5	41.7



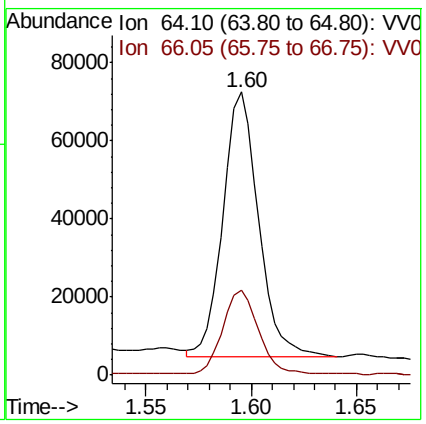


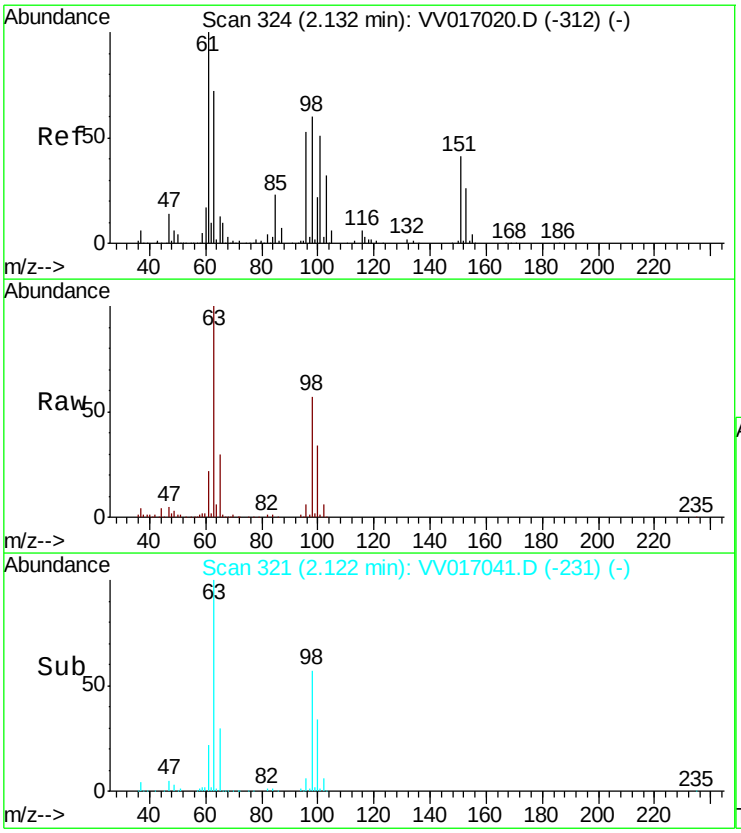
#8
Chloroethane
Concen: 11.660 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 64 Resp: 79373

Ion	Ratio	Lower	Upper
64	100		
66	30.1	22.8	42.4

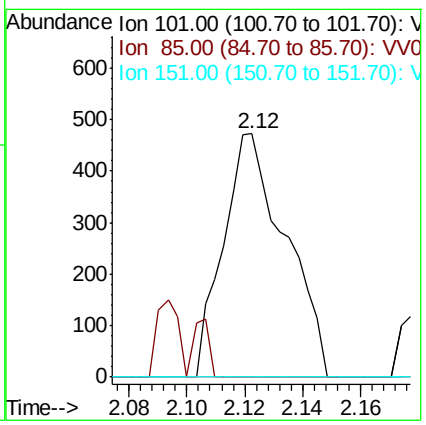


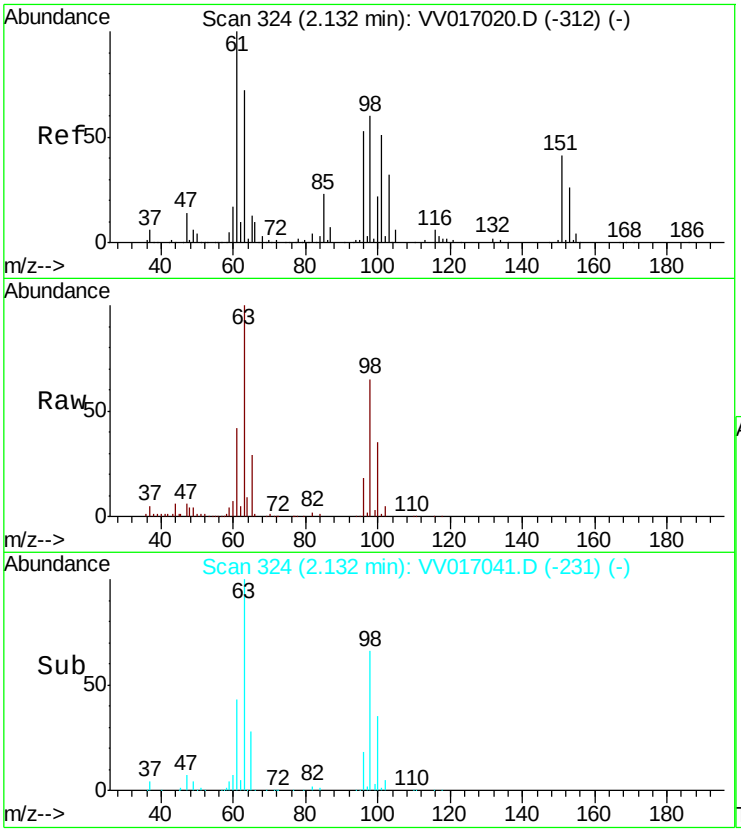


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion:101 Resp: 705

Ion	Ratio	Lower	Upper
101	100		
85	6.0	35.4	53.2#
151	0.0	63.9	95.9#



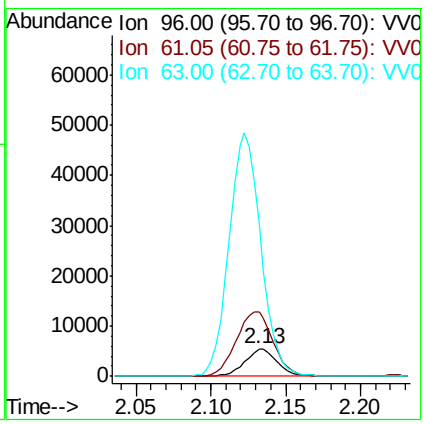


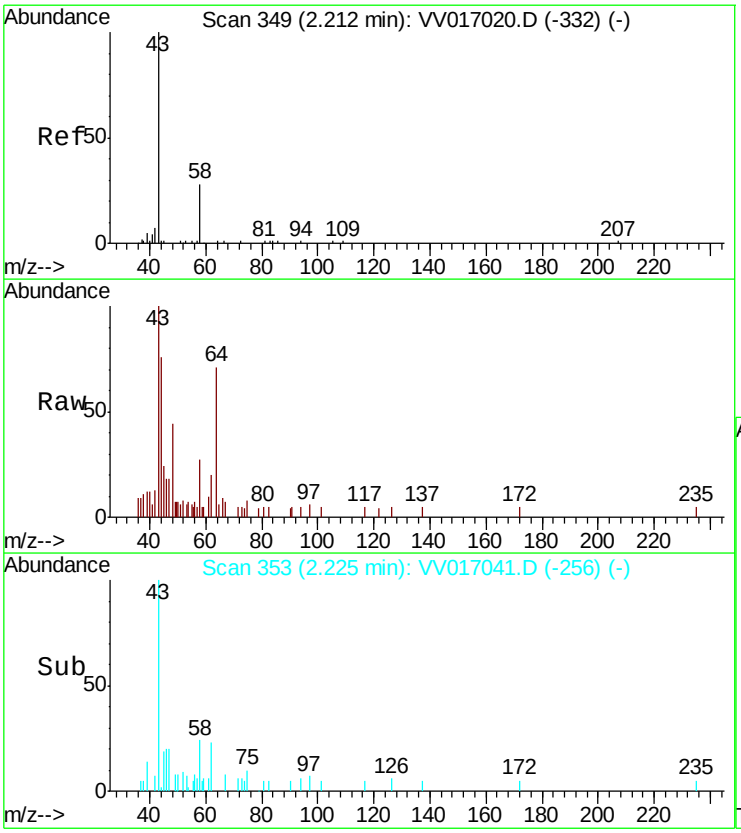
#12
1,1-Dichloroethene
Concen: 0.944 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 96 Resp: 8507

Ion	Ratio	Lower	Upper
96	100		
61	230.7	125.0	232.2
63	545.1	109.8	203.8#

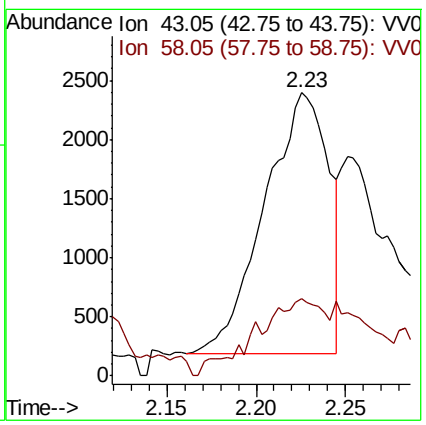


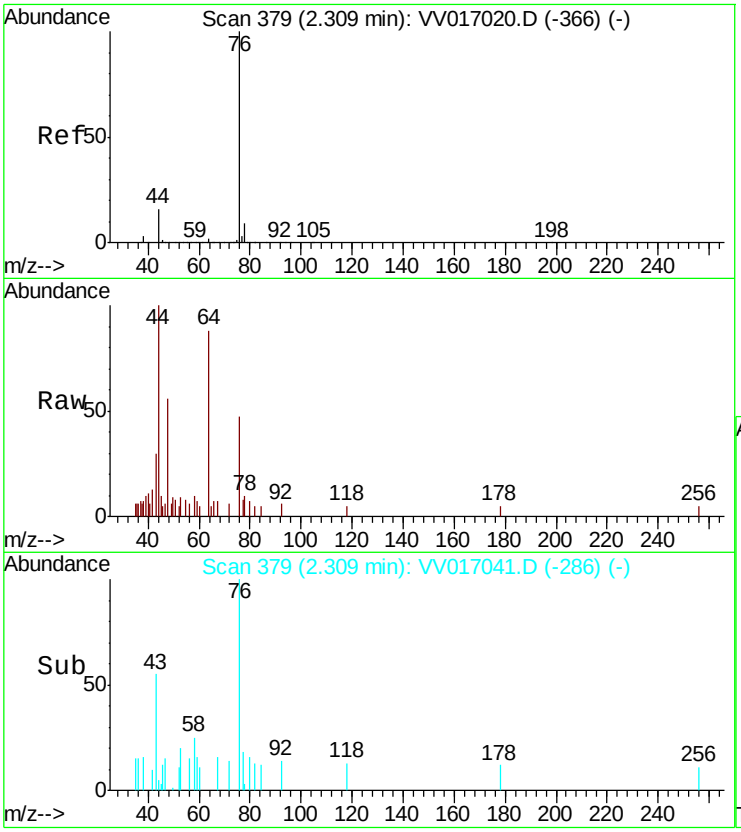


#13
Acetone
Concen: 3.784 ug/L
RT: 2.23 min Scan# 353
Delta R.T. 0.01 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion: 43 Resp: 5493

Ion	Ratio	Lower	Upper
43	100		
58	23.4	0.0	58.4



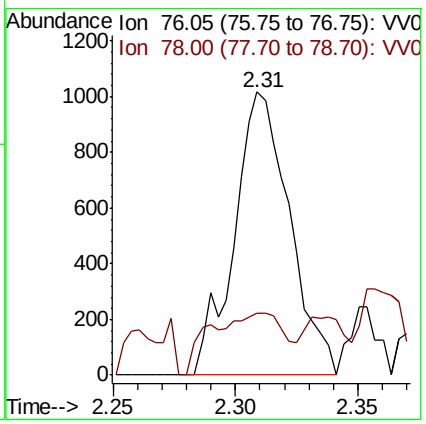


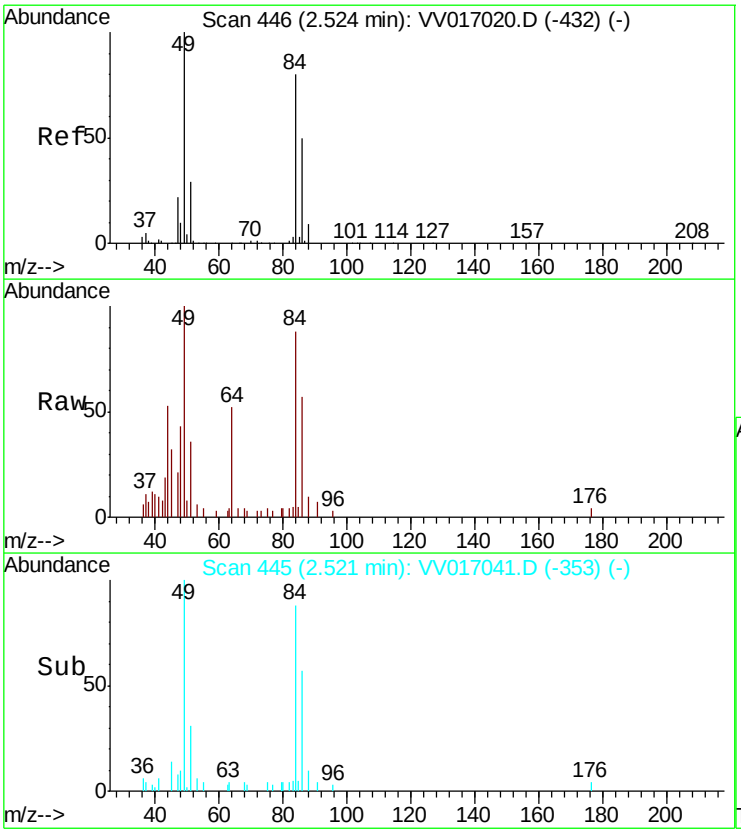
#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 76 Resp: 1597

Ion	Ratio	Lower	Upper
76	100		
78	22.0	7.7	11.5#

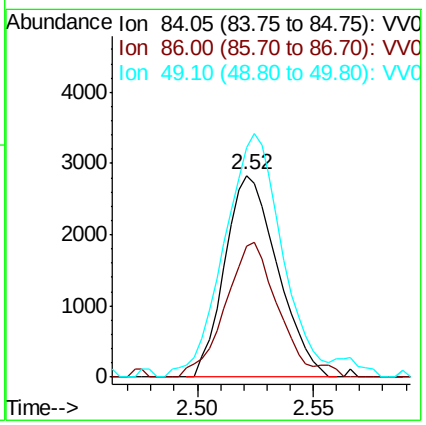


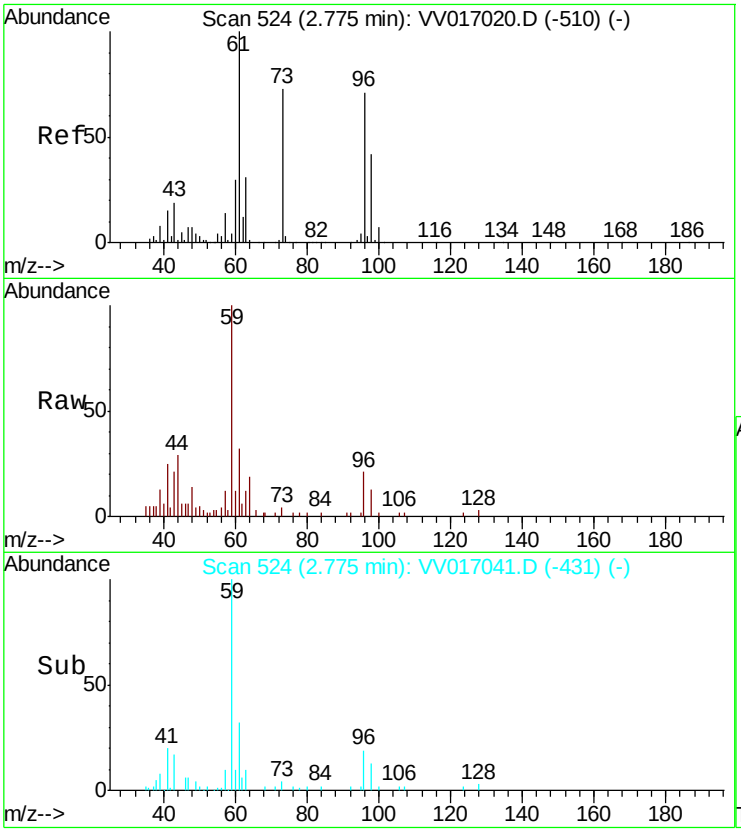


#16
Methylene chloride
Concen: 0.464 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion: 84 Resp: 4473

Ion	Ratio	Lower	Upper
84	100		
86	65.0	45.8	85.0
49	113.4	89.6	166.4



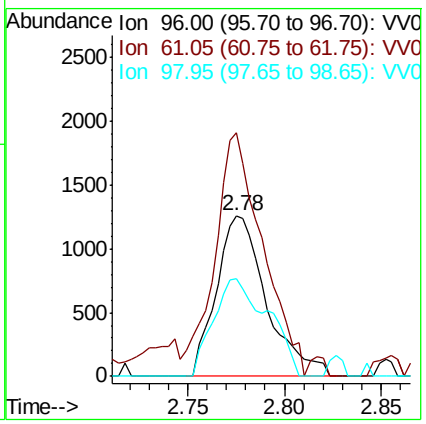


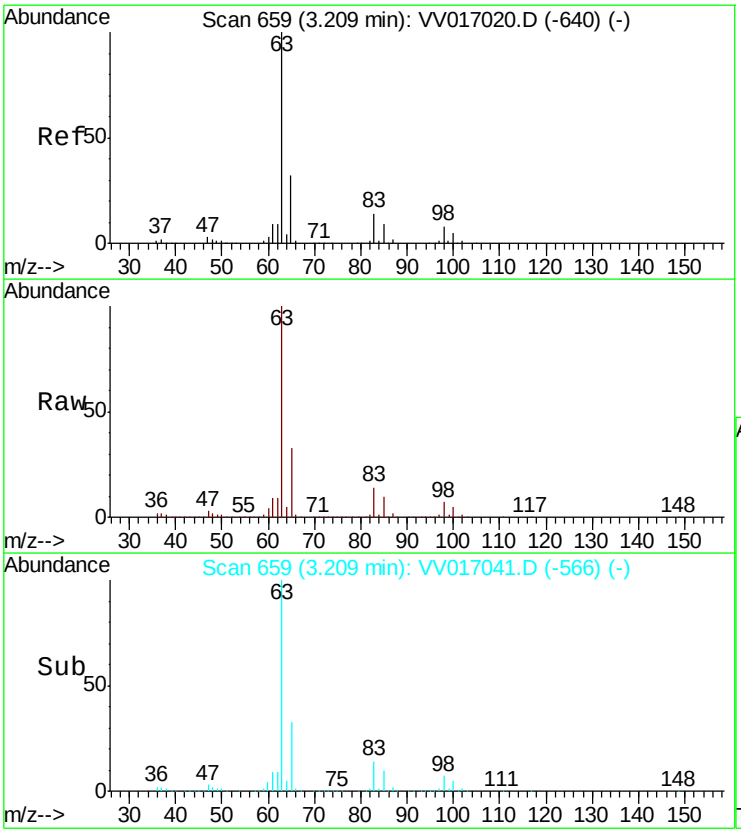
#18
trans-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 96 Resp: 2260

Ion	Ratio	Lower	Upper
96	100		
61	151.2	102.3	189.9
98	60.7	44.7	82.9

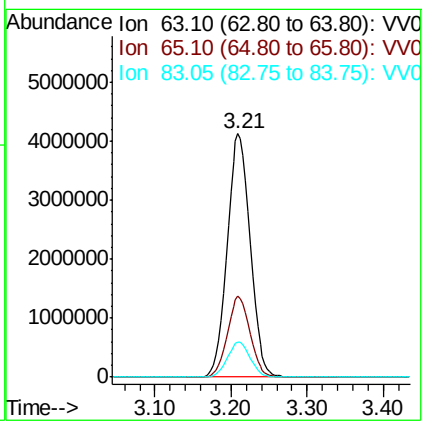


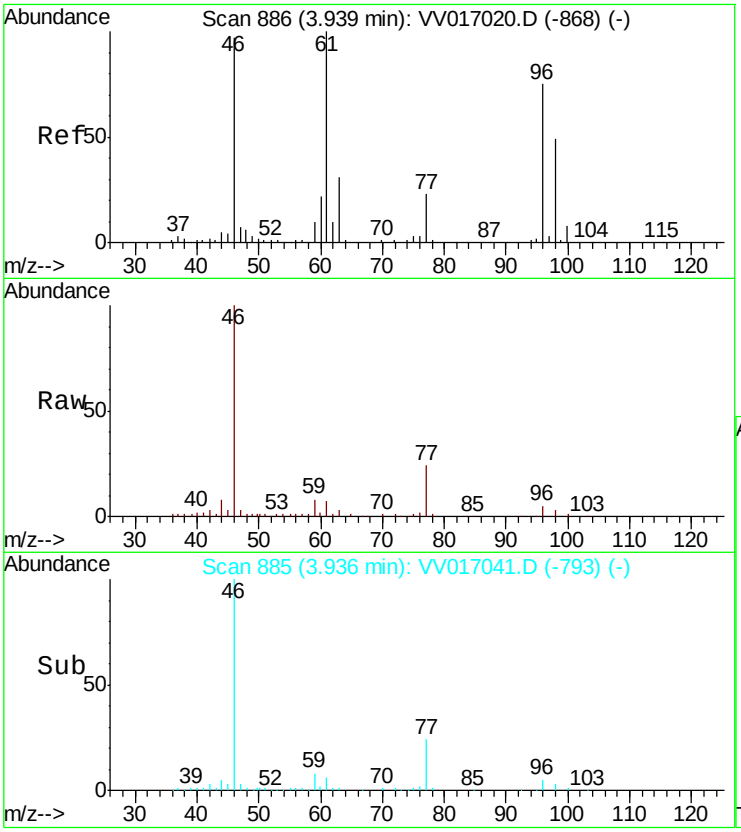


#19
1,1-Dichloroethane
Concen: 403.478 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion: 63 Resp: 8654786

Ion	Ratio	Lower	Upper
63	100		
65	33.1	21.8	40.4
83	14.4	9.7	17.9



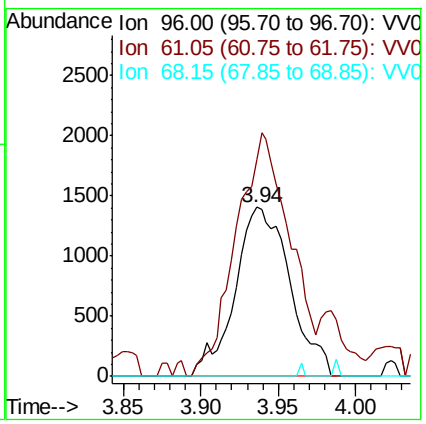


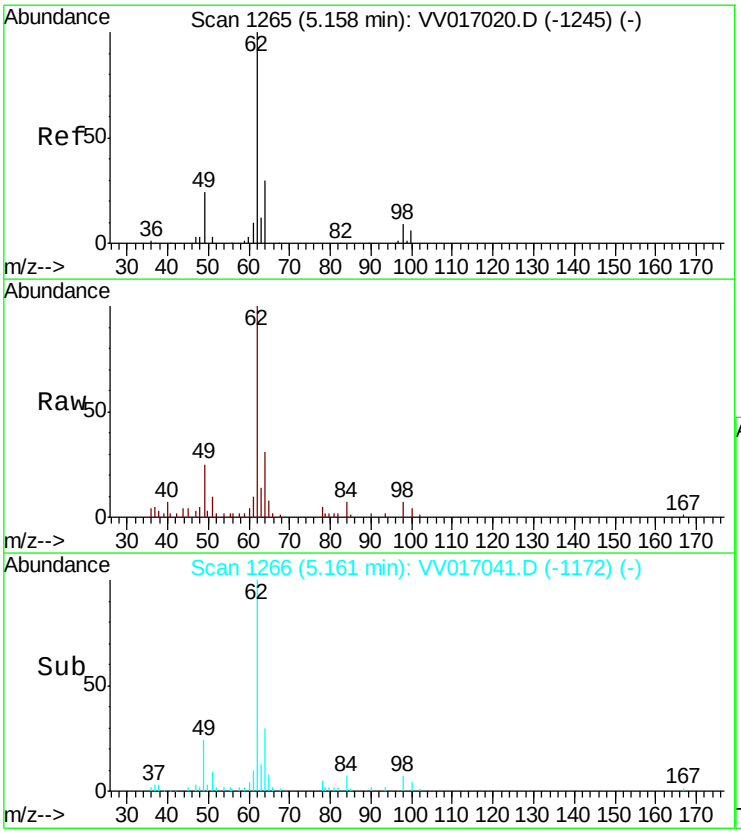
#22
cis-1,2-Dichloroethene
Concen: 0.266 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 96 Resp: 3471

Ion	Ratio	Lower	Upper
96	100		
61	128.5	91.0	169.0
68	0.0	0.0	0.0

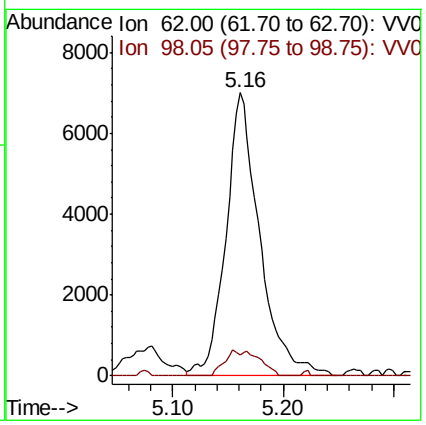


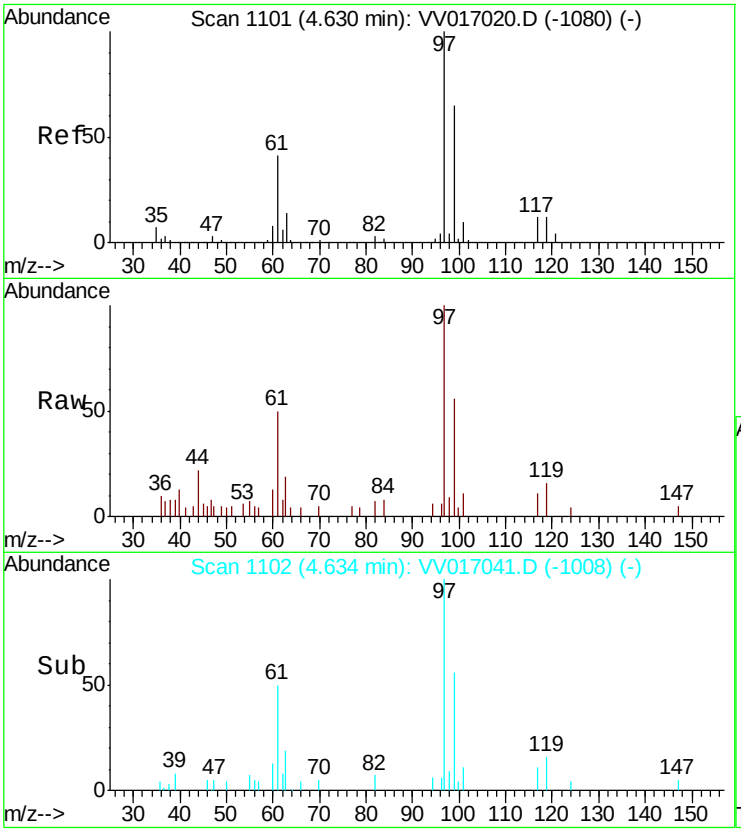


#27
1,2-Dichloroethane
Concen: 1.023 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion: 62 Resp: 14898

Ion	Ratio	Lower	Upper
62	100		
98	7.5	6.7	10.1



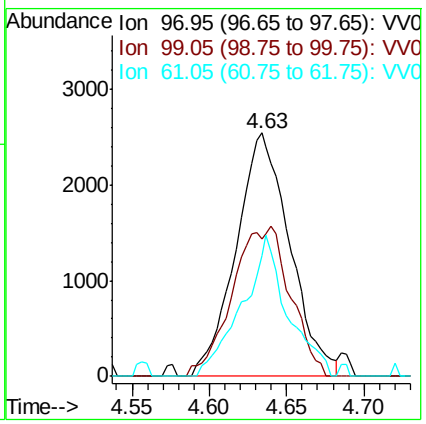


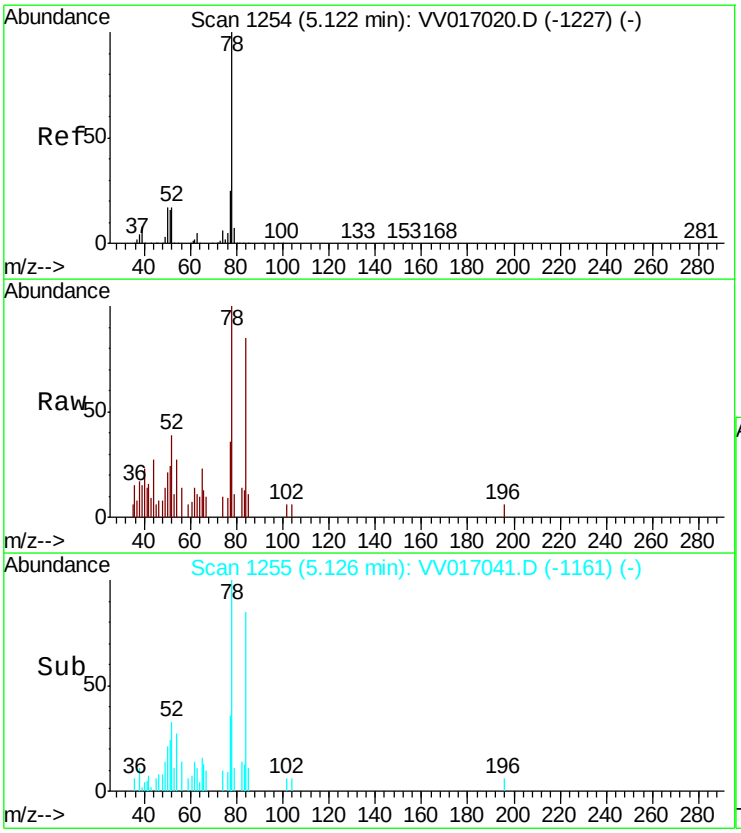
#29
1,1,1-Trichloroethane
Concen: 0.288 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 97 Resp: 6159

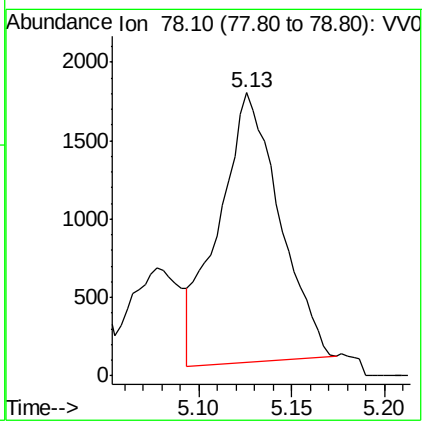
Ion	Ratio	Lower	Upper
97	100		
99	35.7	50.3	75.5#
61	49.1	36.0	54.0

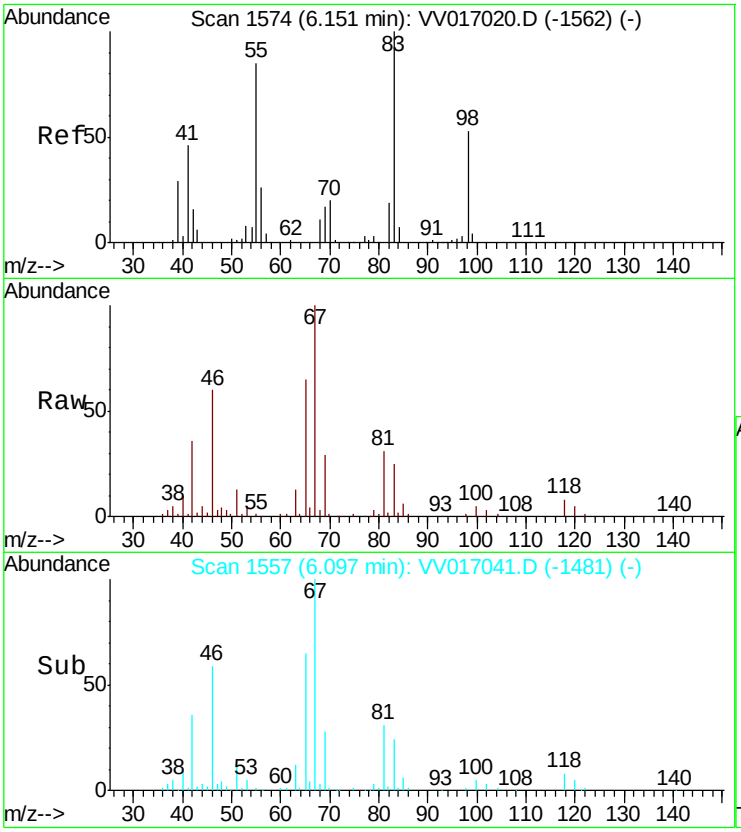




#33
Benzene
Concen: 0.084 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion: 78 Resp: 3910



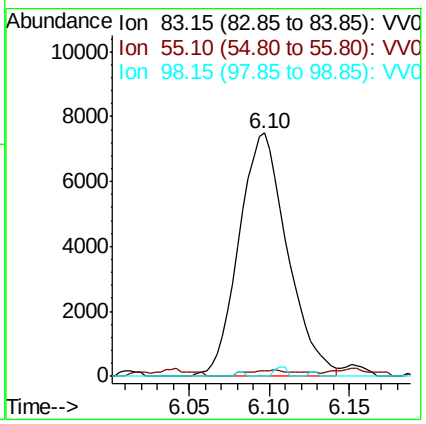


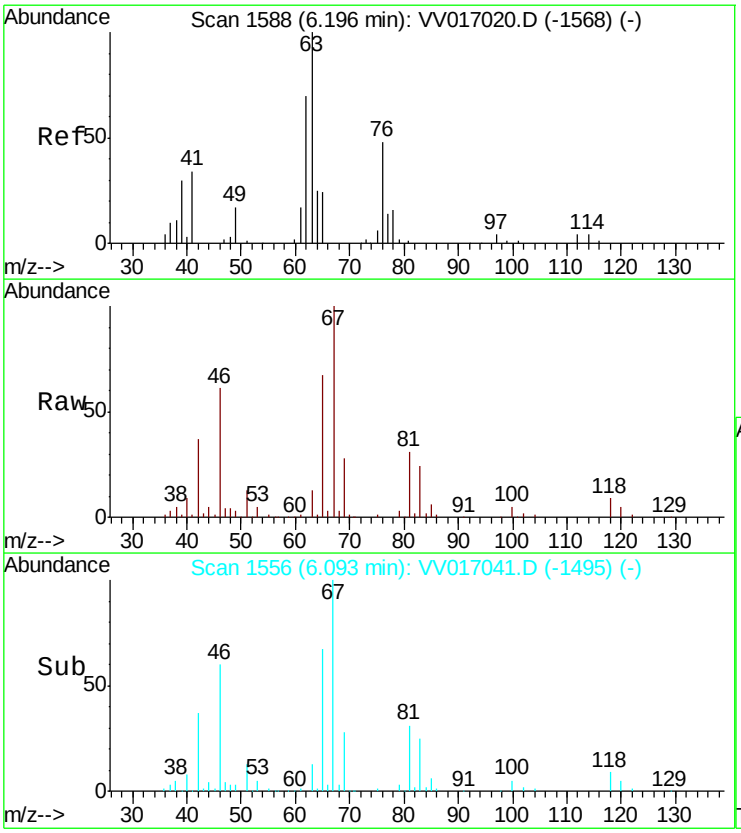
#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 83 Resp: 15532

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.6	95.4#
98	1.0	38.8	58.2#

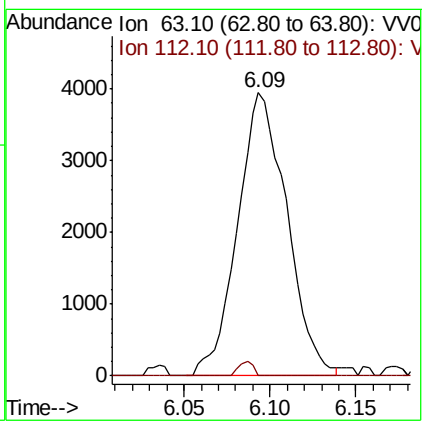


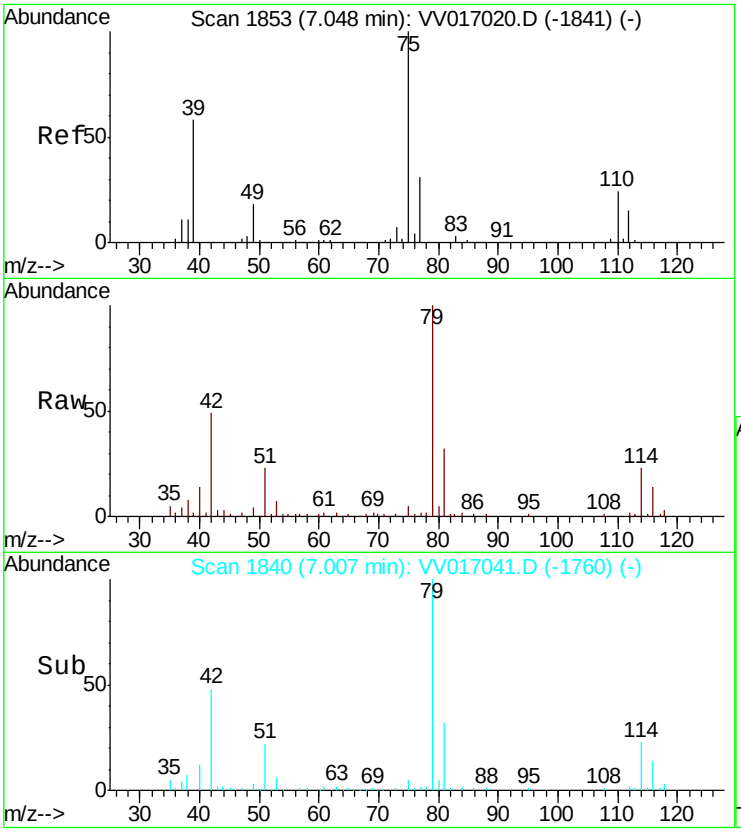


#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion: 63 Resp: 7852

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#



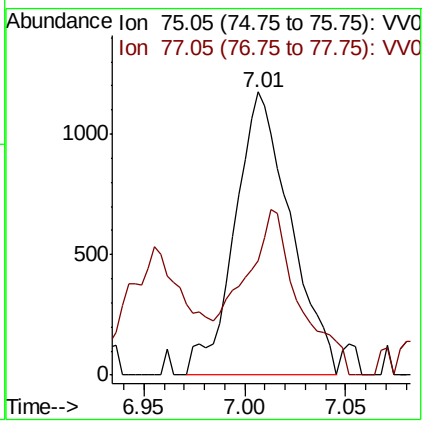


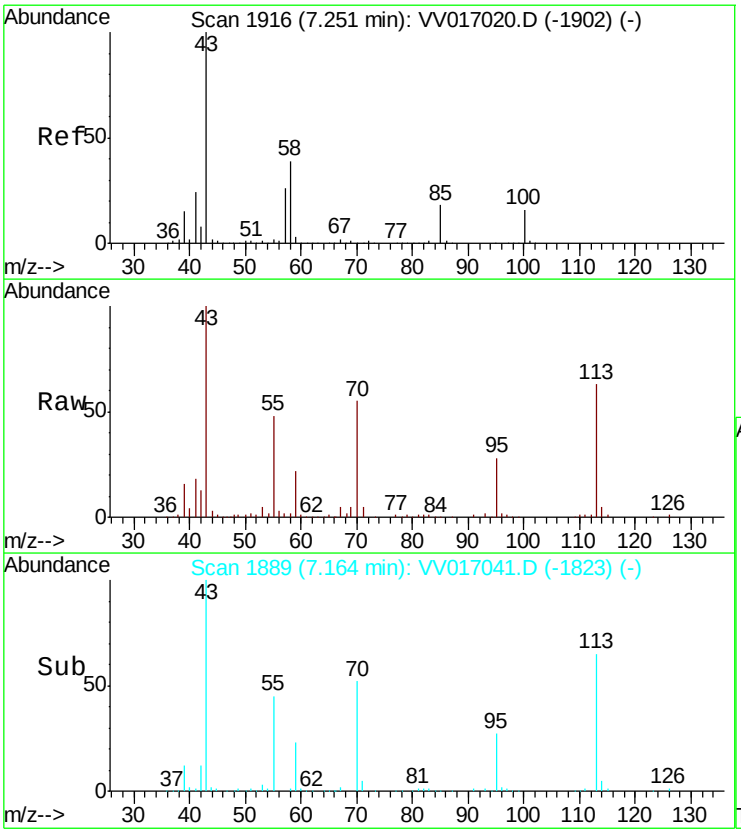
#39
cis-1,3-Dichloropropene
Concen: 0.132 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 75 Resp: 2262

Ion	Ratio	Lower	Upper
75	100		
77	40.4	22.3	41.5

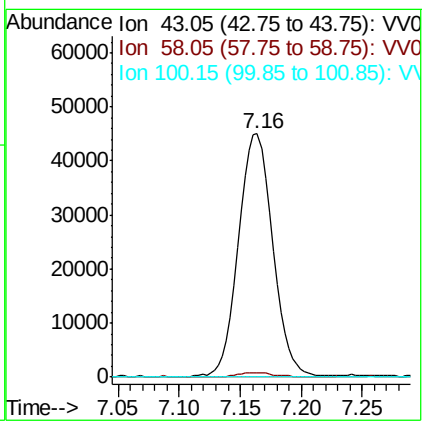


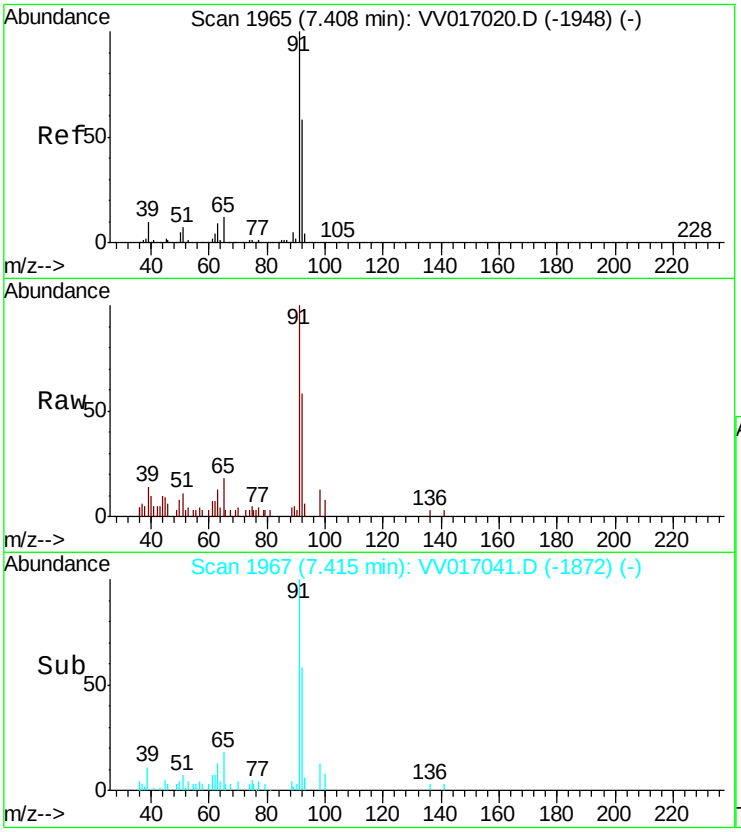


#40
4-Methyl-2-pentanone
Concen: 12.998 ug/L
RT: 7.16 min Scan# 1889
Delta R.T. -0.09 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion: 43 Resp: 86780

Ion	Ratio	Lower	Upper
43	100		
58	0.9	30.4	45.6#
100	0.0	12.7	19.1#



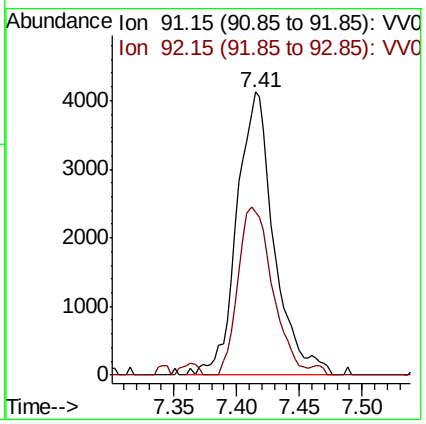


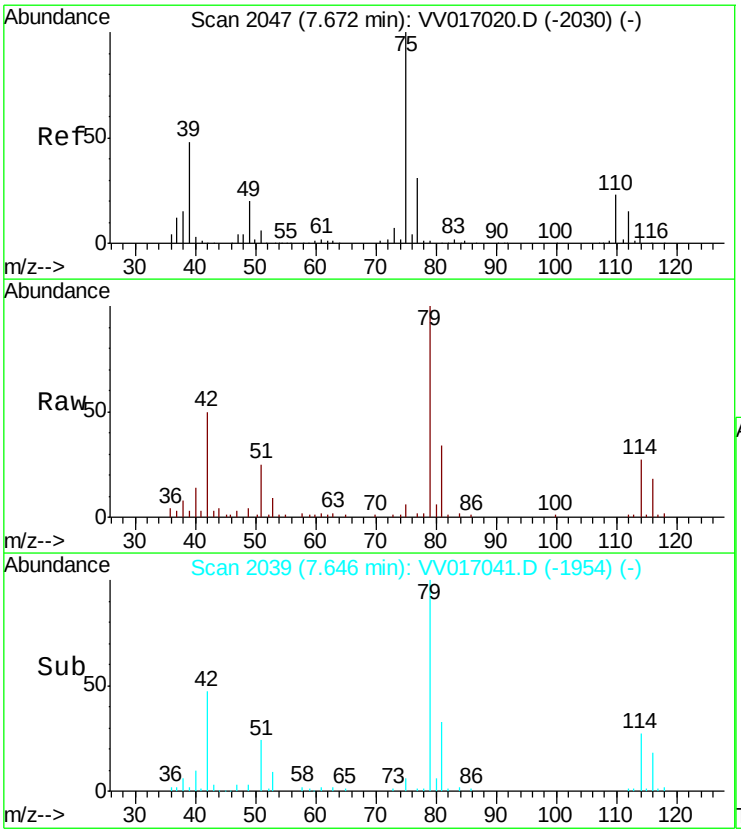
#42
Toluene
Concen: 0.157 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 91 Resp: 8503

Ion	Ratio	Lower	Upper
91	100		
92	57.8	39.9	74.1

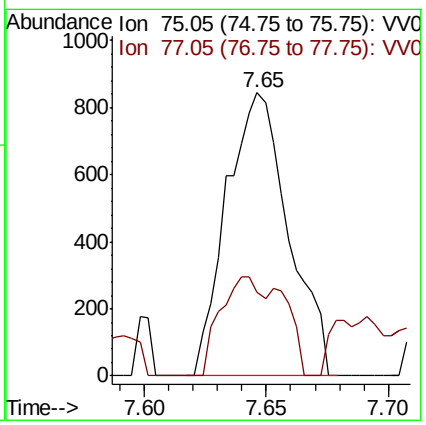


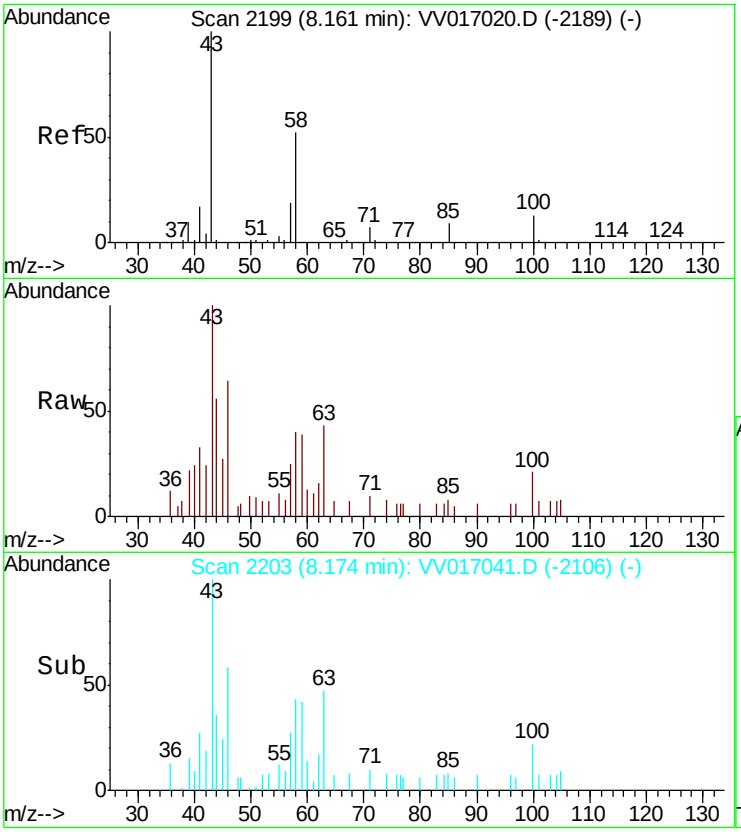


#46
trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion: 75 Resp: 1484

Ion	Ratio	Lower	Upper
75	100		
77	29.4	22.3	41.3



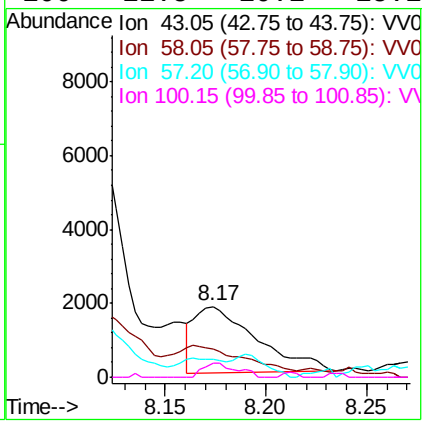


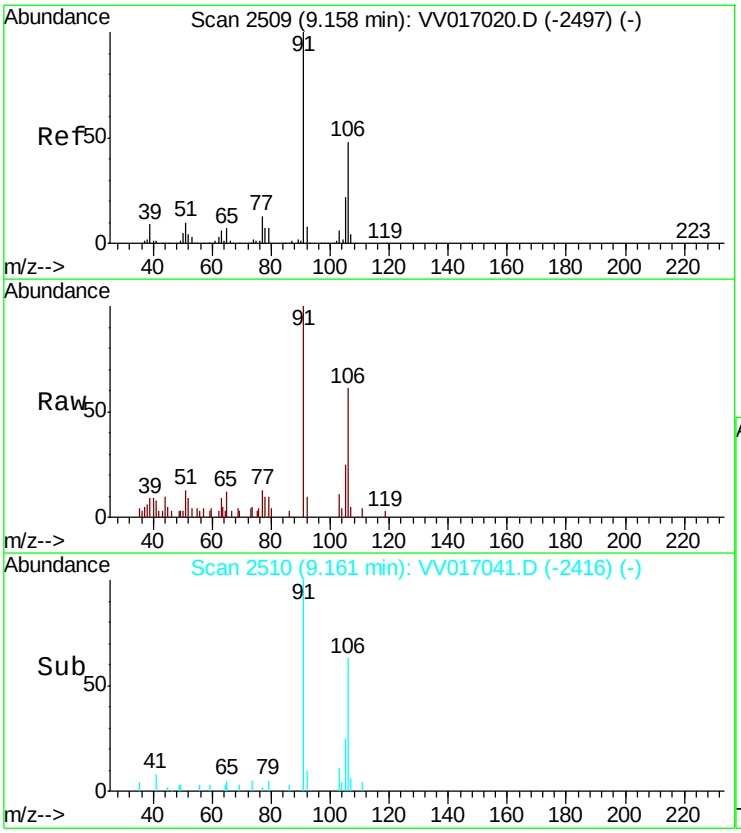
#50
2-Hexanone
Concen: 0.801 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH7

Tgt Ion: 43 Resp: 3806

Ion	Ratio	Lower	Upper
43	100		
58	41.8	41.6	62.4
57	20.3	15.4	23.0
100	11.5	10.1	15.1





#55
m,p-xylene
Concen: 0.178 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017041.D
Acq: 23 Jun 2020 00:57

Tgt Ion:106 Resp: 4037

Ion	Ratio	Lower	Upper
106	100		
91	164.6	142.7	264.9