Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
Data File : VV016482.D
Acq On : 04 Jun 2020 02:03
Operator : SY/MD
Sample : L2849-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 04 05:37:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360361	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337674	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153543	50.00	ug/L	0.00

System Monitoring Compounds

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3	1.32	65	122019	47.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.62%			
7) Chloroethane-d5	1.57	69	84229	45.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.42%			
11) 1,1-Dichloroethene-d2	2.12	63	160899	35.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.12%			
21) 2-Butanone-d5	3.89	46	174271	106.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.78%			
24) Chloroform-d	4.38	84	230286	48.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.16%			
26) 1,2-Dichloroethane-d4	5.05	65	160506	50.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.08%			
32) Benzene-d6	5.07	84	464451	51.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.70%			
36) 1,2-Dichloropropane-d6	6.09	67	144174	51.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.30%			
41) Toluene-d8	7.34	98	410773	50.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%			
43) trans-1,3-Dichloropropene-	7.64	79	60392	43.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.94%			
47) 2-Hexanone-d5	8.11	63	134934	111.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.79%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190277	49.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.56%			
64) 1,2-Dichlorobenzene-d4	11.65	152	159806	55.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.76%			

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
5) Vinyl chloride	1.32	62	23226	8.391	ug/L		92
8) Chloroethane	1.32	64	8729	5.627	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1608	0.773	ug/L	#	21
13) Acetone	2.17	43	1594	1.045	ug/L		84
20) cis-1,2-Dichloroethene	3.94	96	15006	5.508	ug/L		96
27) 1,2-Dichloroethane	5.07	62	3449	0.867	ug/L		99
34) Trichloroethene	5.94	95	1776	0.682	ug/L		94
35) Methylcyclohexane	6.09	83	35550	9.504	ug/L	#	18
39) cis-1,3-Dichloropropene	7.01	75	4693	1.243	ug/L	#	73
48) 2-Hexanone	8.11	43	16571	5.985	ug/L	#	70
59) 1,2,3-Trichloropropane	11.27	75	18620	5.765	ug/L		95

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

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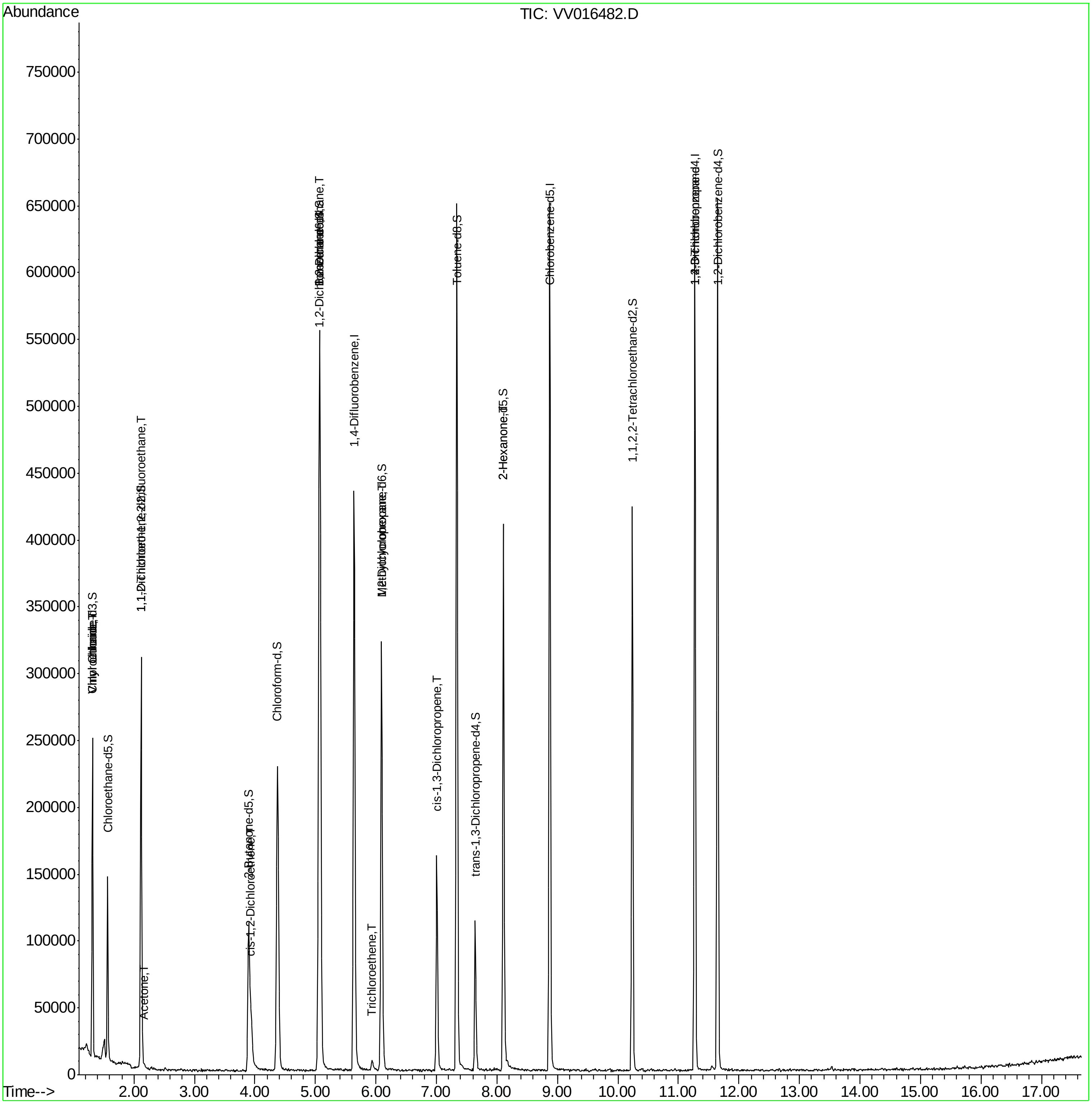
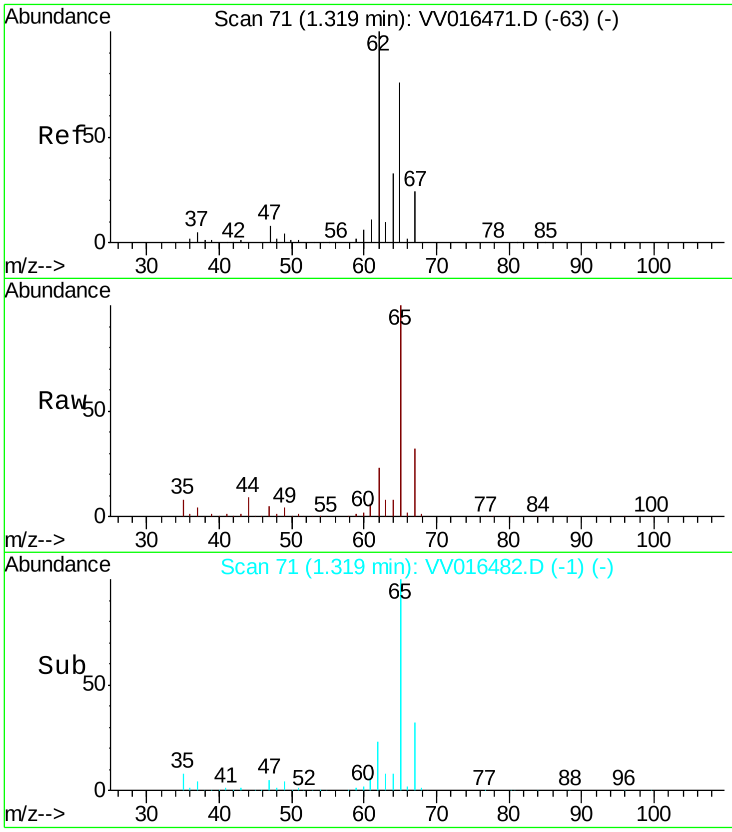
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 04 05:37:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration



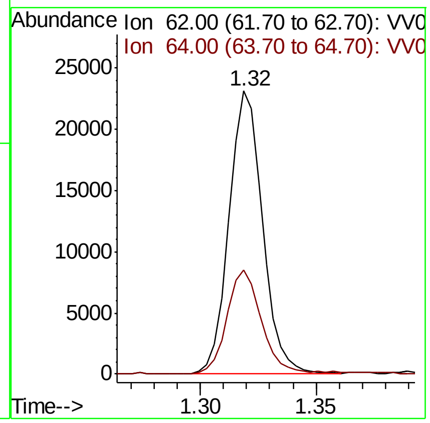


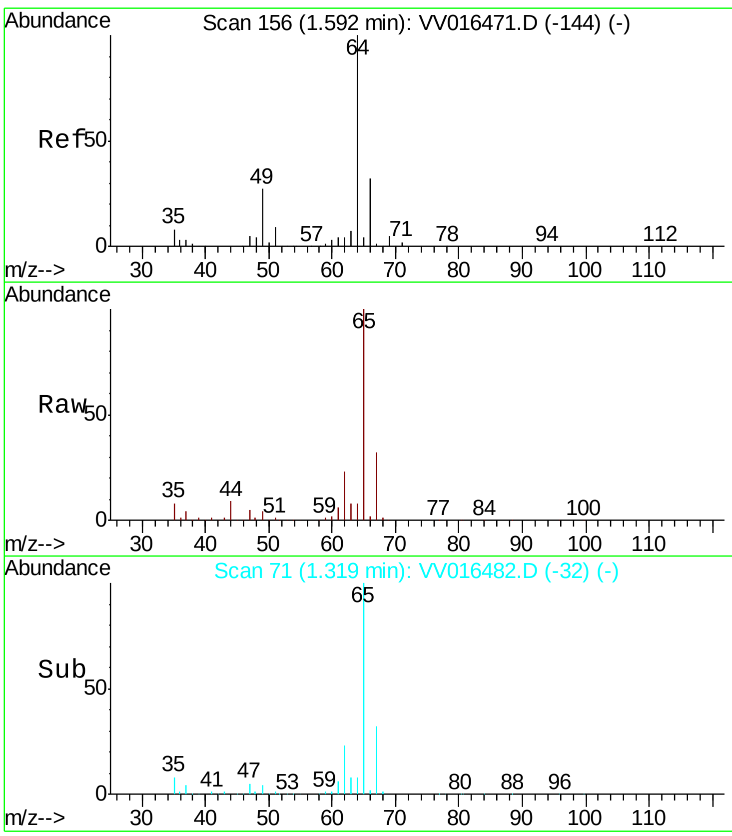
#5
Vinyl chloride
Concen: 8.391 ug/L
RT: 1.32 min   Scan# 71
Delta R.T.   0.00 min
Lab File: VV016482.D
Acq: 04 Jun 2020   02:03

Tgt Ion: 62 Resp: 23226

Ion	Ratio	Lower	Upper
62	100		
64	37.0	22.7	42.1

Instrument :
MSVOA_V
ClientSampleId :

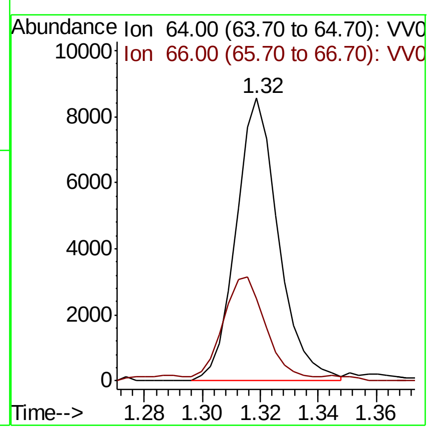


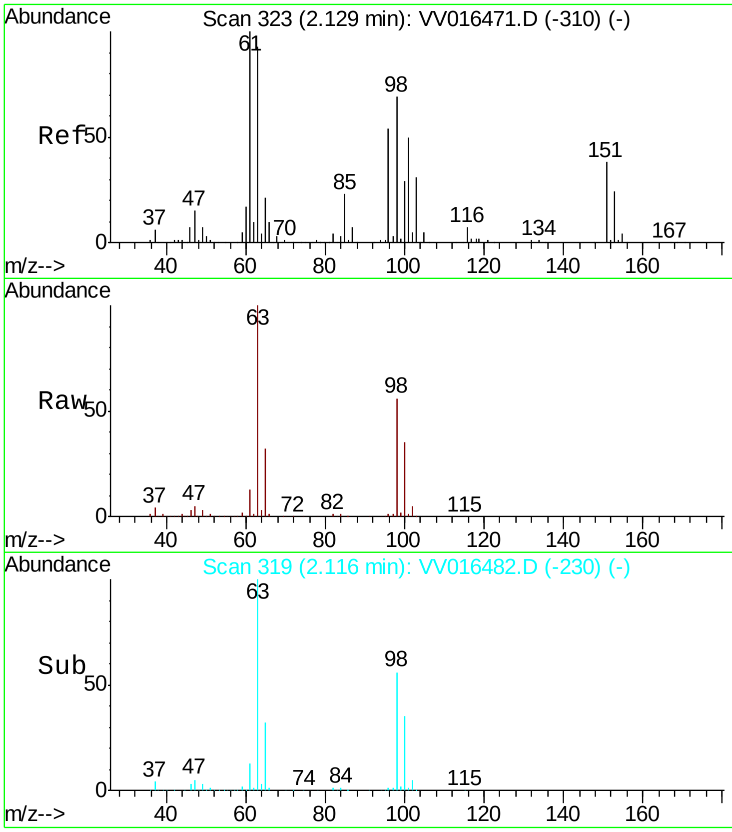


#8
Chloroethane
Concen: 5.627 ug/L
RT: 1.32 min   Scan# 71
Delta R.T.   -0.27 min
Lab File: VV016482.D
Acq: 04 Jun 2020   02:03

Tgt Ion: 64 Resp: 8729

Ion	Ratio	Lower	Upper
64	100		
66	29.2	21.4	39.8



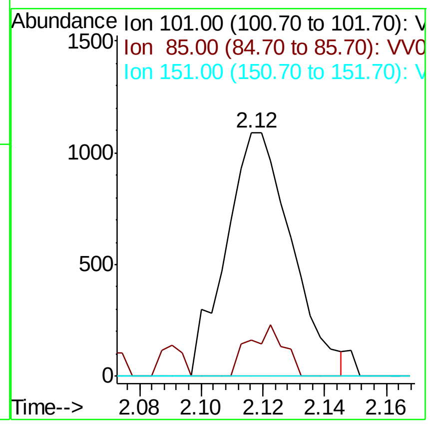


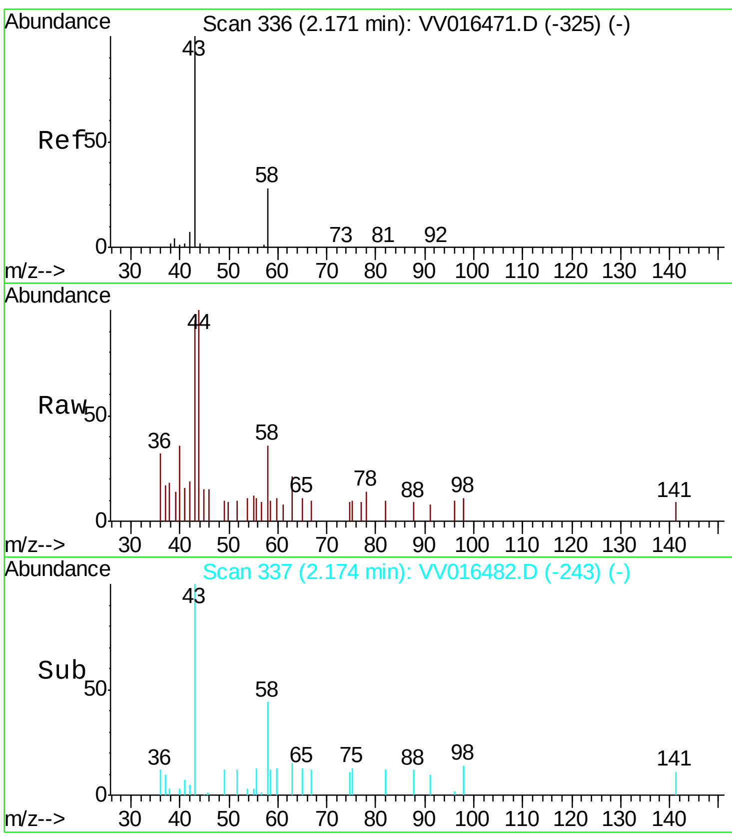
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.773 ug/L
RT: 2.12 min   Scan# 319
Delta R.T.   -0.01 min
Lab File: VV016482.D
Acq: 04 Jun 2020   02:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1608

Ion	Ratio	Lower	Upper
101	100		
85	5.3	35.6	53.4#
151	0.0	61.8	92.8#

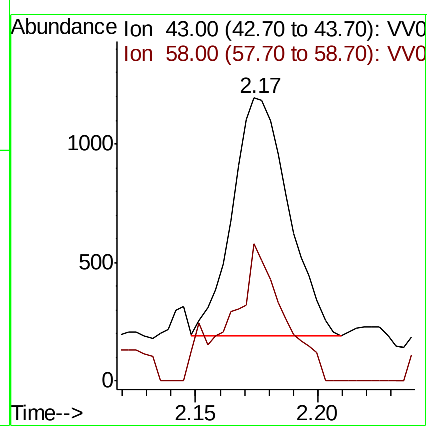


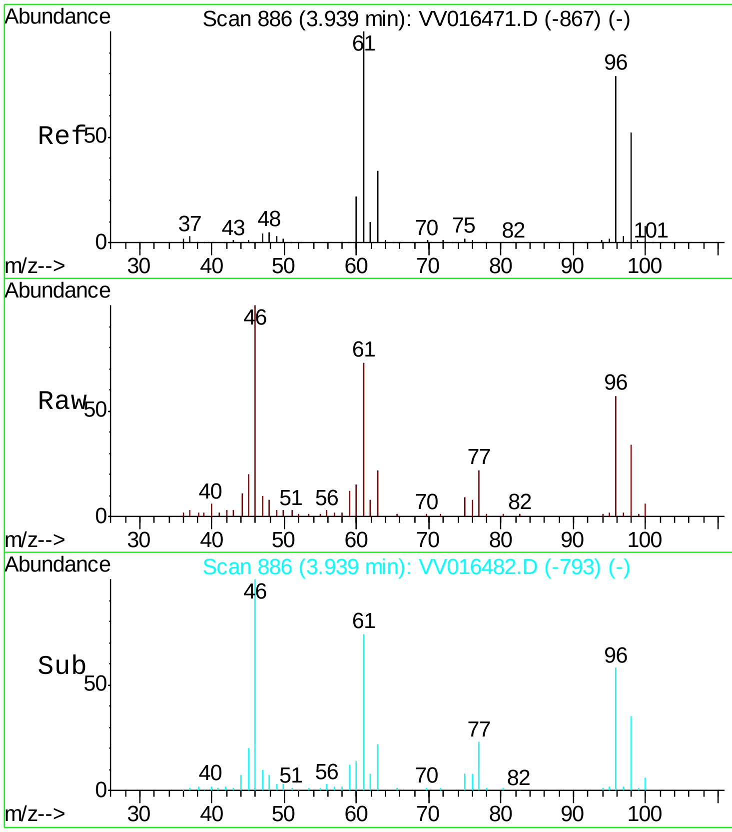


#13
Acetone
Concen: 1.045 ug/L
RT: 2.17 min   Scan# 337
Delta R.T.   0.00 min
Lab File: VV016482.D
Acq: 04 Jun 2020   02:03

Tgt Ion: 43 Resp: 1594

Ion	Ratio	Lower	Upper
43	100		
58	37.0	0.0	57.2



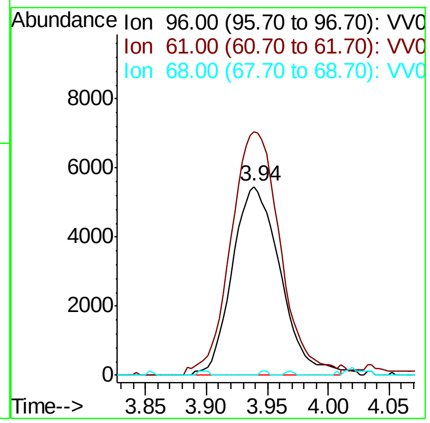


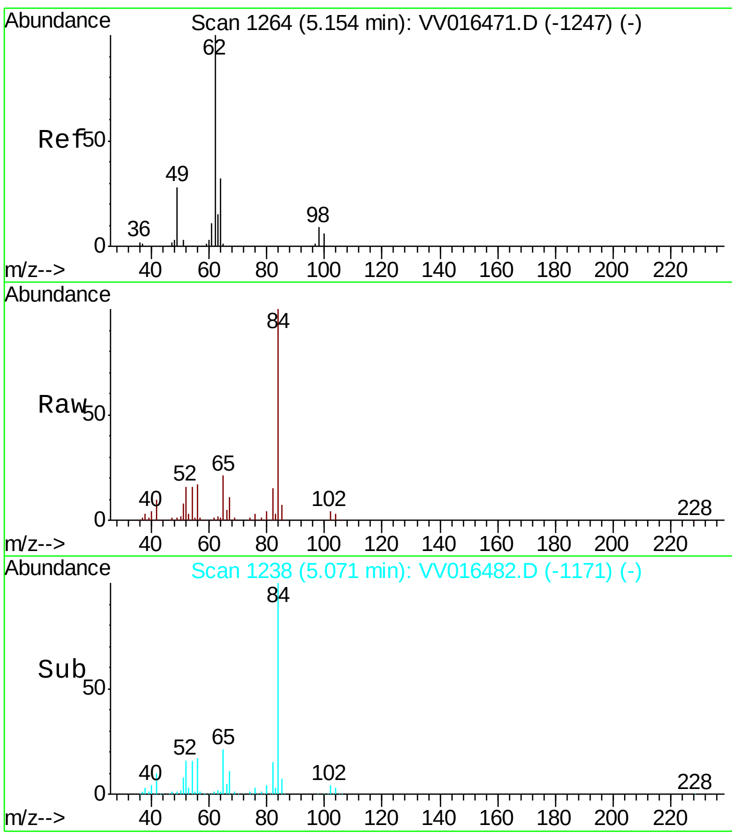
#20
cis-1,2-Dichloroethene
Concen: 5.508 ug/L
RT: 3.94 min   Scan# 886
Delta R.T.   0.00 min
Lab File: VV016482.D
Acq: 04 Jun 2020   02:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 15006

Ion	Ratio	Lower	Upper
96	100		
61	128.7	93.4	173.4
68	0.0	0.0	0.0

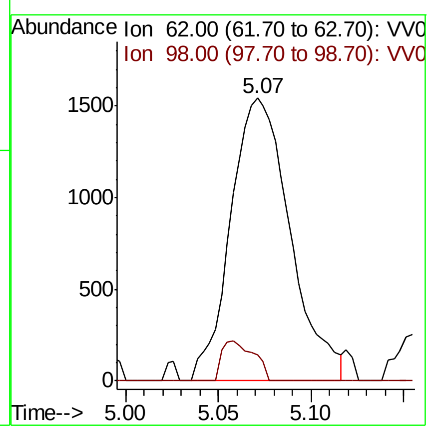


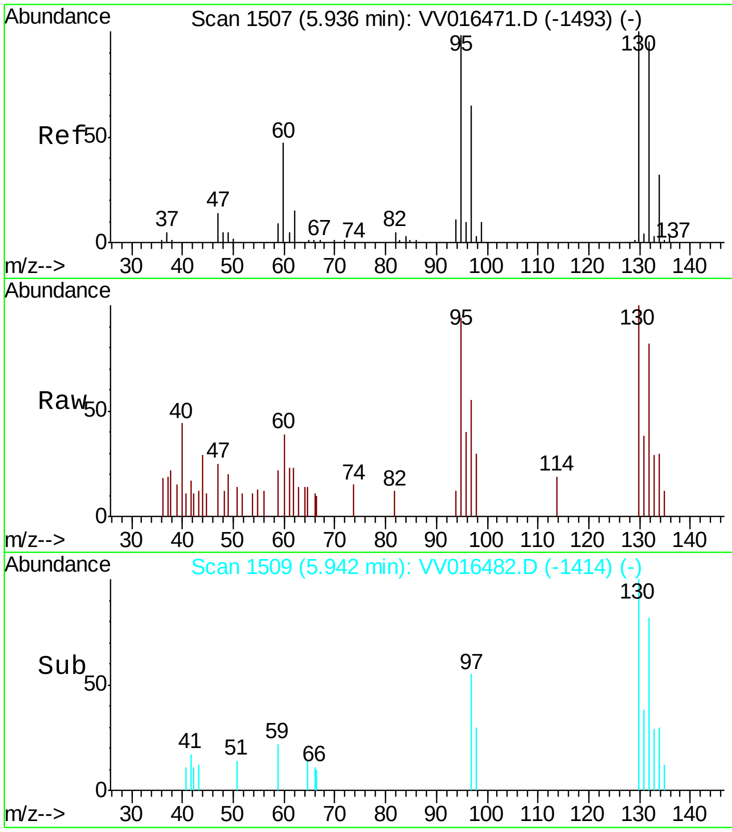


#27
1,2-Dichloroethane
Concen: 0.867 ug/L
RT: 5.07 min   Scan# 1238
Delta R.T.   -0.08 min
Lab File: VV016482.D
Acq: 04 Jun 2020   02:03

Tgt Ion: 62 Resp: 3449

Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.9	10.3



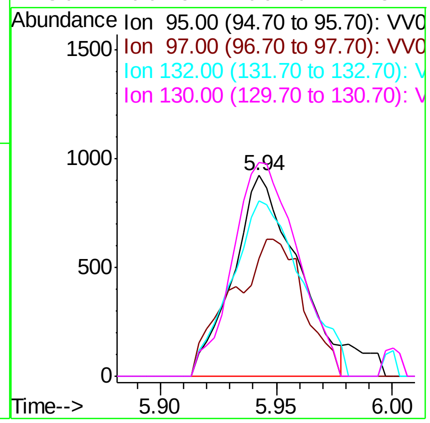


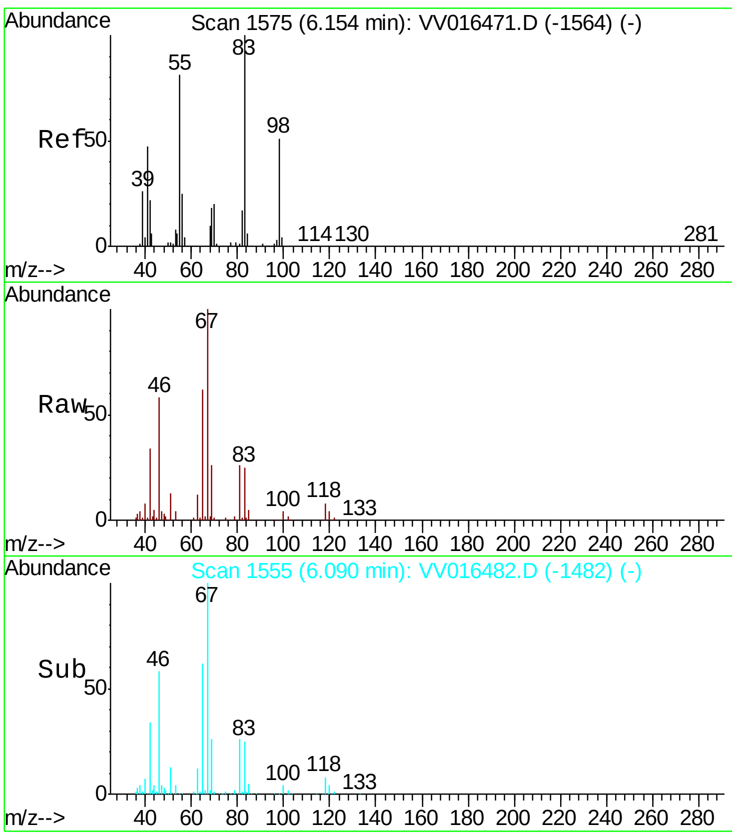
#34
Trichloroethene
Concen: 0.682 ug/L
RT: 5.94 min   Scan# 1509
Delta R.T.   0.01 min
Lab File: VV016482.D
Acq: 04 Jun 2020   02:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1776

Ion	Ratio	Lower	Upper
95	100		
97	59.0	42.8	79.6
132	87.5	65.6	121.8
130	106.5	69.0	128.1

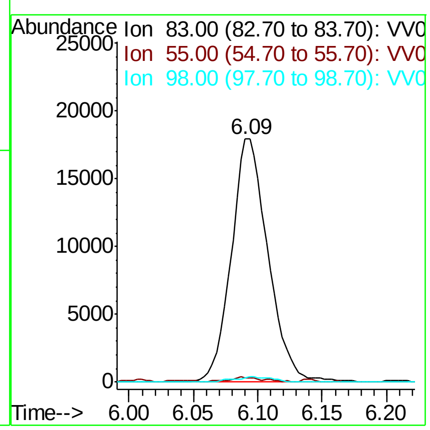


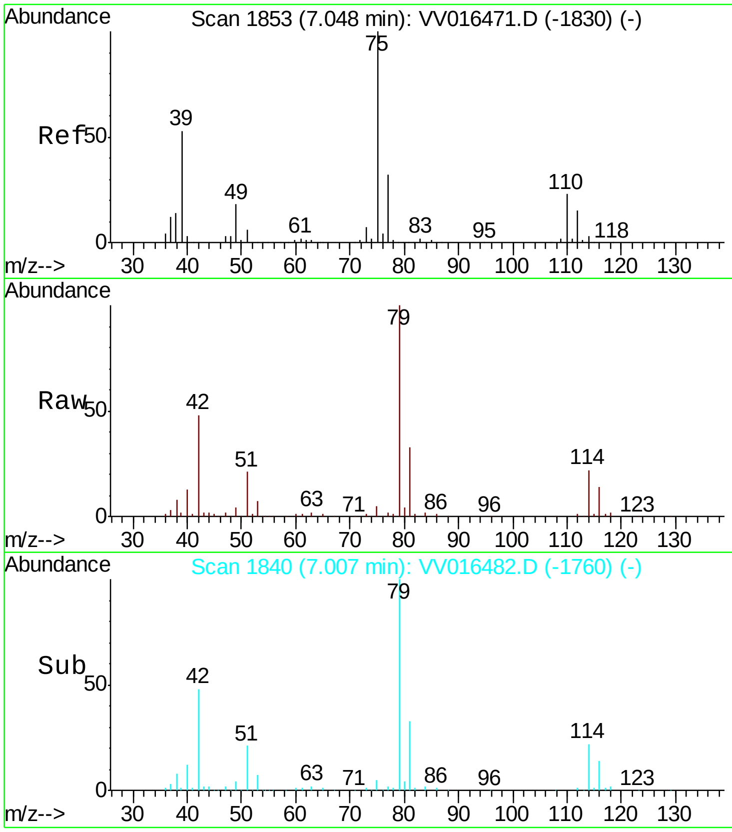


#35
Methylcyclohexane
Concen: 9.504 ug/L
RT: 6.09 min   Scan# 1555
Delta R.T.   -0.06 min
Lab File: VV016482.D
Acq: 04 Jun 2020   02:03

Tgt Ion: 83 Resp: 35550

Ion	Ratio	Lower	Upper
83	100		
55	0.6	63.4	95.0#
98	0.6	39.4	59.0#



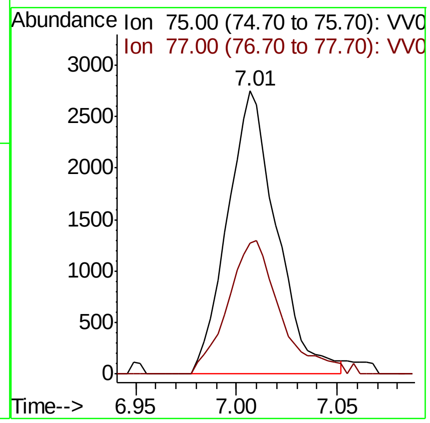


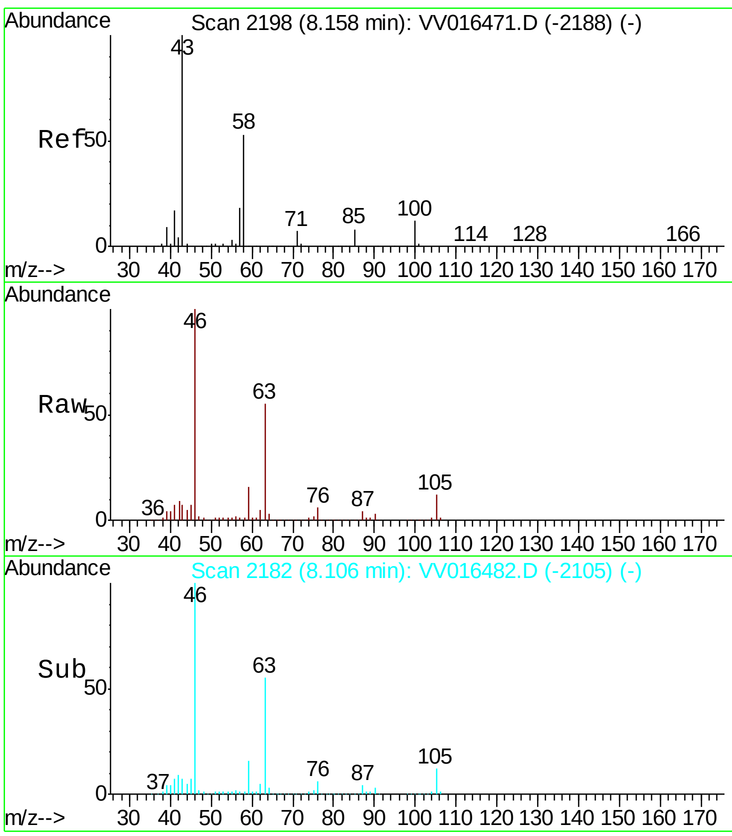
#39
cis-1,3-Dichloropropene
Concen: 1.243 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV016482.D
Acq: 04 Jun 2020 02:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4693

Ion	Ratio	Lower	Upper
75	100		
77	46.2	22.0	41.0#

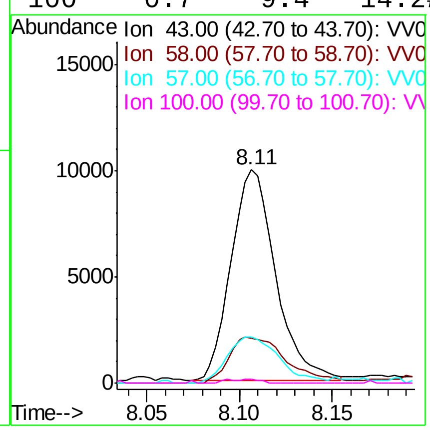


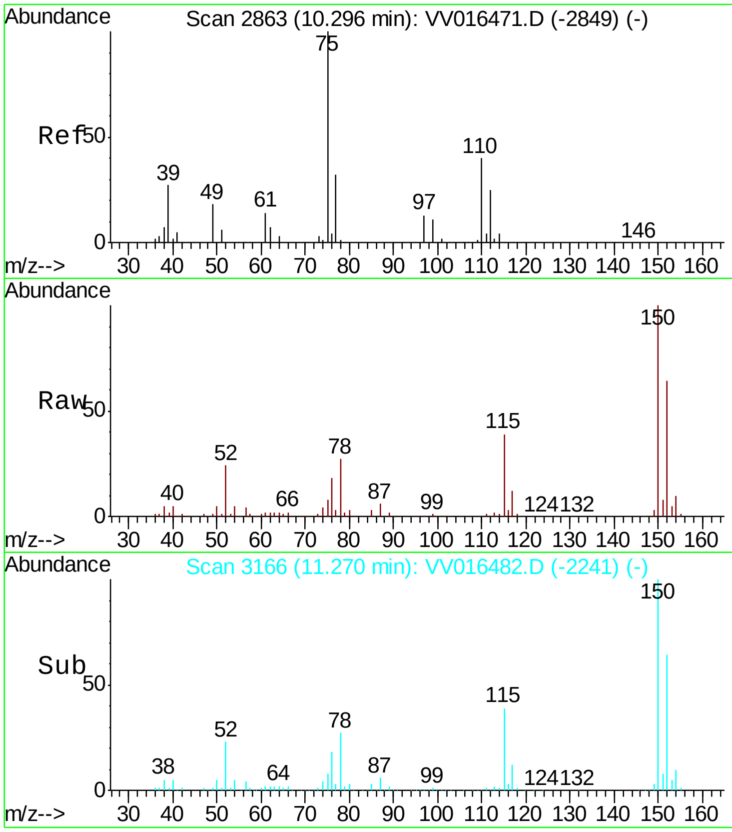


#48
2-Hexanone
Concen: 5.985 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV016482.D
Acq: 04 Jun 2020 02:03

Tgt Ion: 43 Resp: 16571

Ion	Ratio	Lower	Upper
43	100		
58	28.2	42.7	64.1#
57	25.7	14.5	21.7#
100	0.7	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 5.765 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV016482.D
Acq: 04 Jun 2020 02:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 18620

Ion	Ratio	Lower	Upper
75	100		
77	36.2	26.6	40.0