Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042720\
Data File : VV015740.D
Acq On : 27 Apr 2020 19:30
Operator : SY/MD
Sample : L2413-18DL 400X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 28 02:22:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125127	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57474	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	24996	3.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.40%			
7) Chloroethane-d5	1.58	69	27702	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.12	63	43840	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	3.94	46	116659	55.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.12%			
24) Chloroform-d	4.38	84	69360	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.06	65	45630	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
32) Benzene-d6	5.07	84	138958	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.09	67	46082	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.34	98	123409	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.64	79	13975	3.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.40%			
46) 2-Hexanone-d5	8.11	63	84881	48.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.60%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34615	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	11.65	152	49461	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	11460	1.157	ug/L	96
8) Chloroethane	1.51	64	8072	1.241	ug/L #	56
12) 1,1-Dichloroethene	2.12	96	586	0.080	ug/L #	1
16) Methylene chloride	2.52	84	5203	0.579	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	44401	4.925	ug/L	95
25) Chloroform	4.40	83	8711	0.512	ug/L	95
35) Methylcyclohexane	6.10	83	11728	0.801	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	5628	0.641	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1330	0.109	ug/L #	74
44) trans-1,3-Dichloropropene	7.65	75	771	0.075	ug/L #	47
48) 2-Hexanone	8.17	43	5269	1.296	ug/L #	87

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

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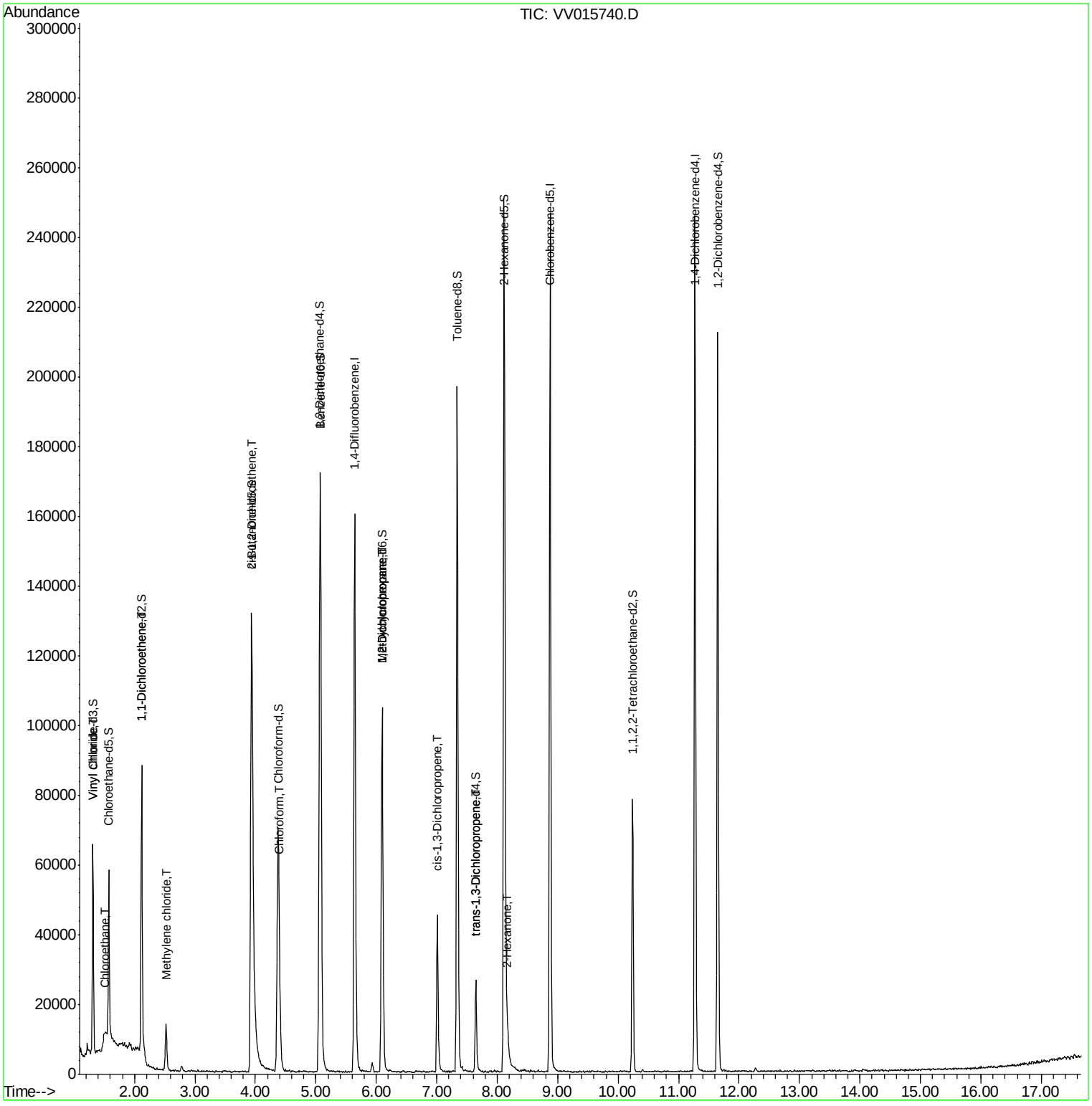
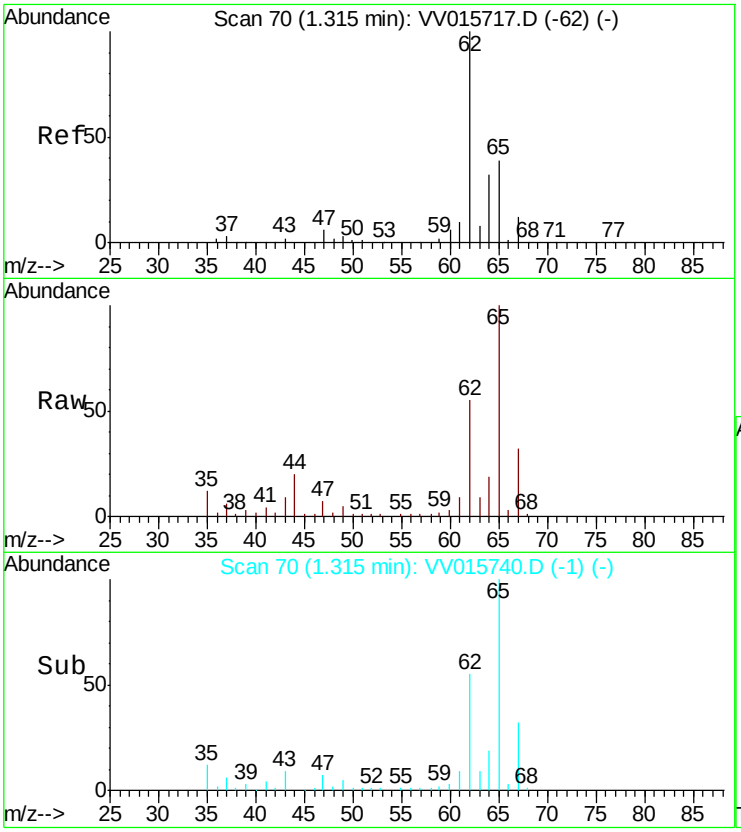
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 28 02:22:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration



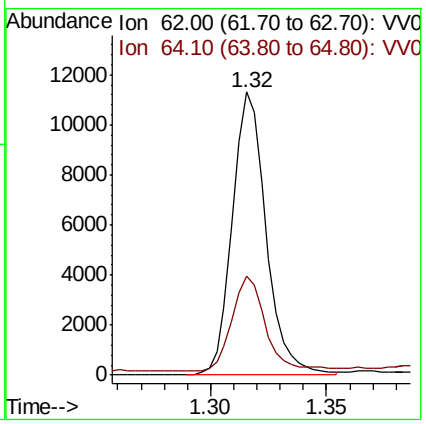


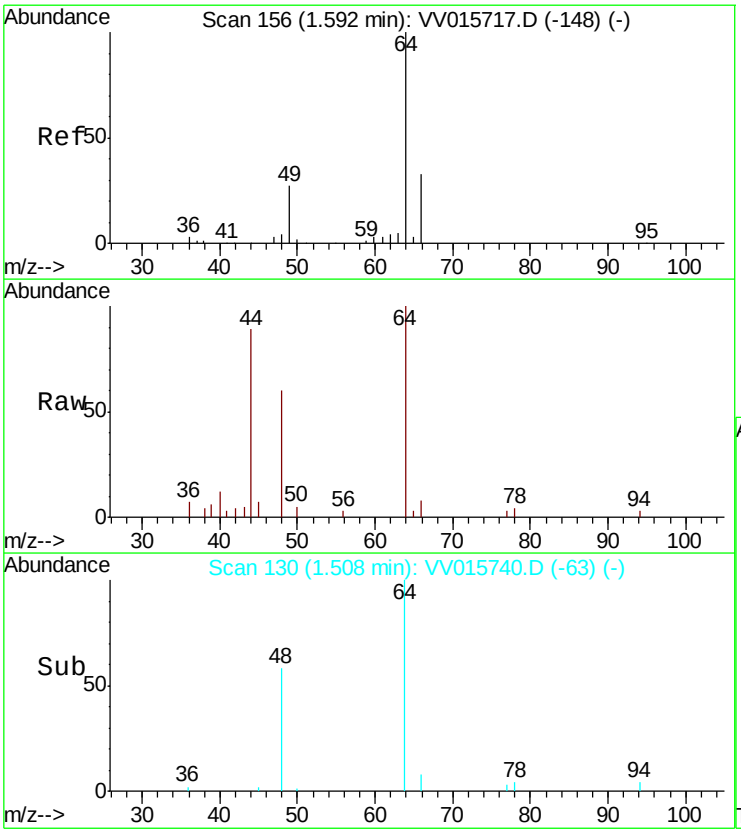
#5
Vinyl chloride
Concen: 1.157 ug/L
RT: 1.32 min Scan# 70
Delta R.T. 0.00 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 11460

Ion	Ratio	Lower	Upper
62	100		
64	34.8	22.7	42.1

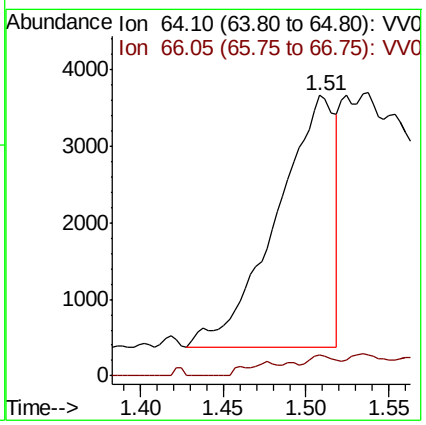


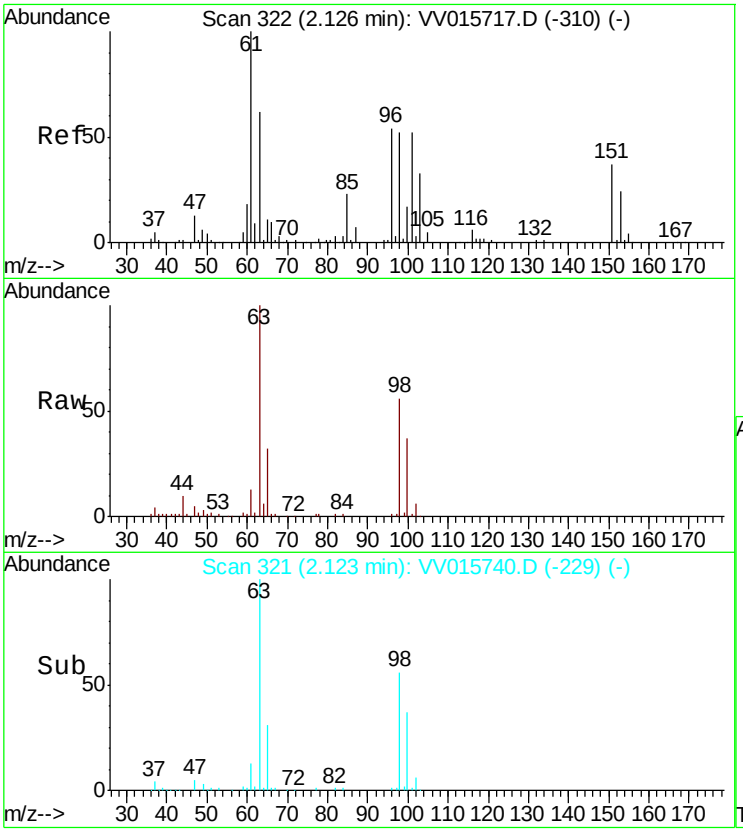


#8
Chloroethane
Concen: 1.241 ug/L
RT: 1.51 min Scan# 130
Delta R.T. -0.08 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Tgt Ion: 64 Resp: 8072

Ion	Ratio	Lower	Upper
64	100		
66	7.6	22.3	41.5#



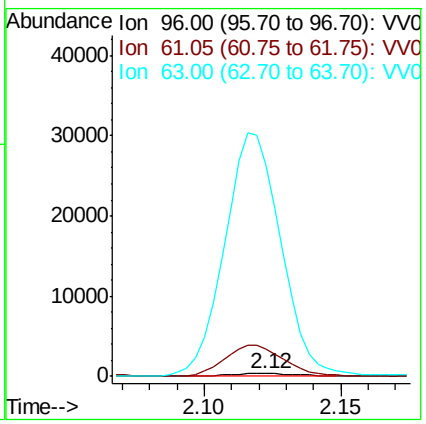


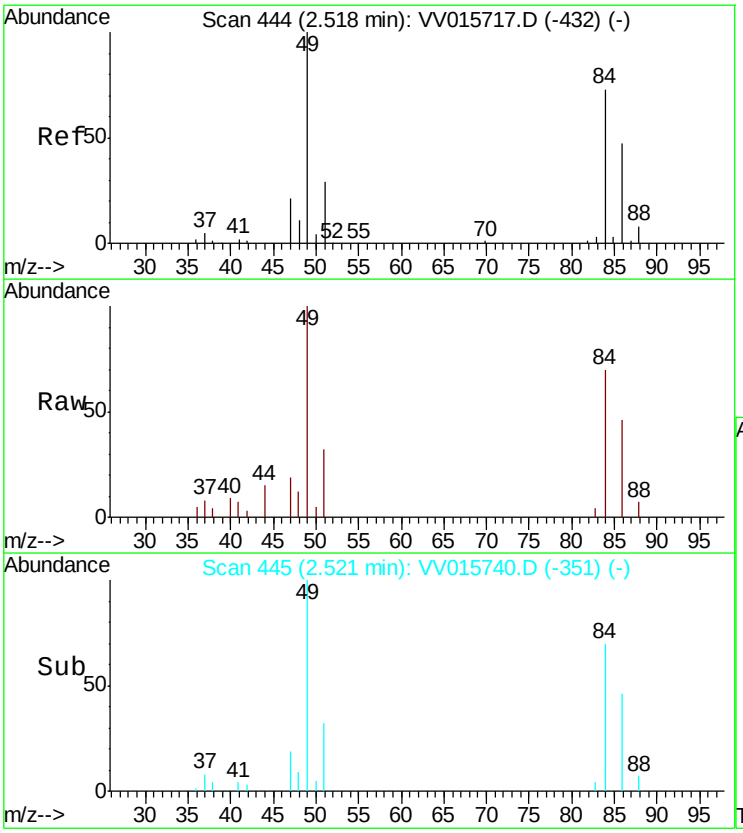
#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 586

Ion	Ratio	Lower	Upper
96	100		
61	952.4	130.1	241.7#
63	7351.5	91.4	169.8#

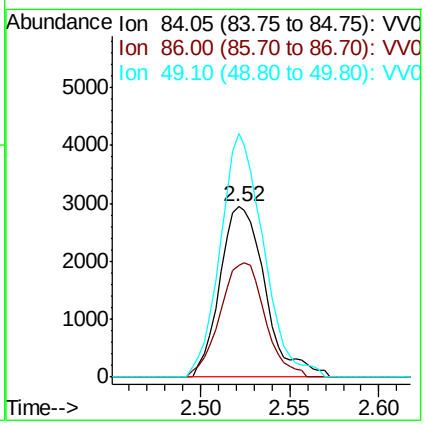


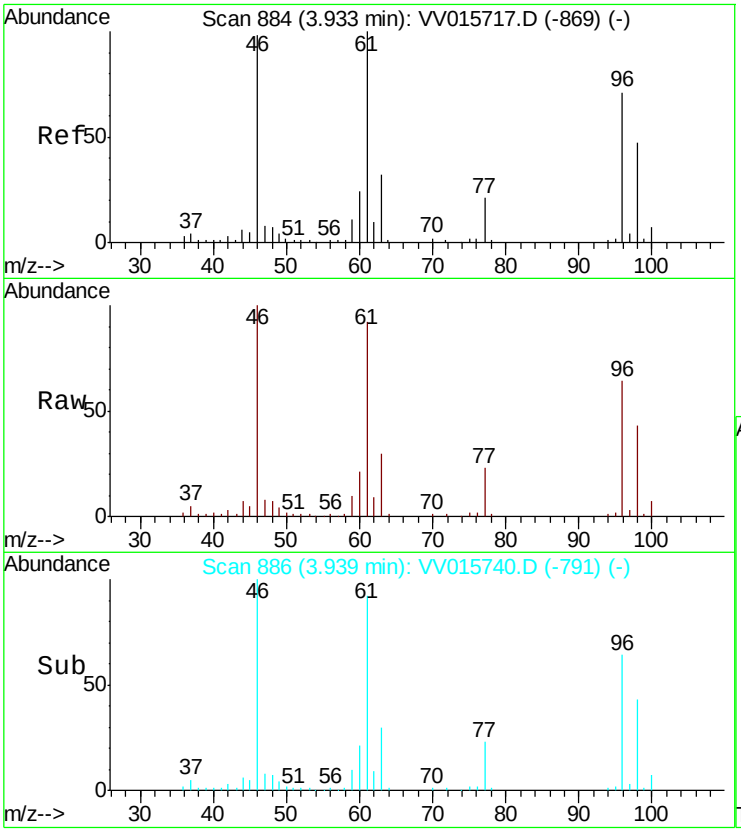


#16
Methylene chloride
Concen: 0.579 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Tgt Ion: 84 Resp: 5203

Ion	Ratio	Lower	Upper
84	100		
86	65.8	45.1	83.7
49	142.8	94.4	175.4



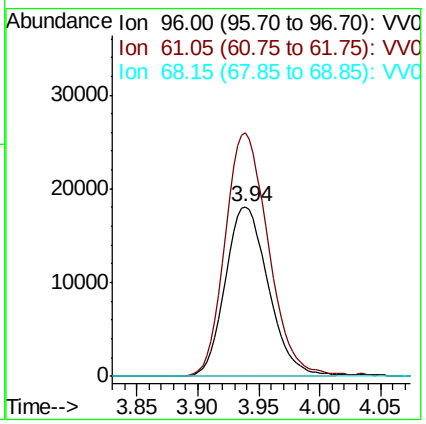


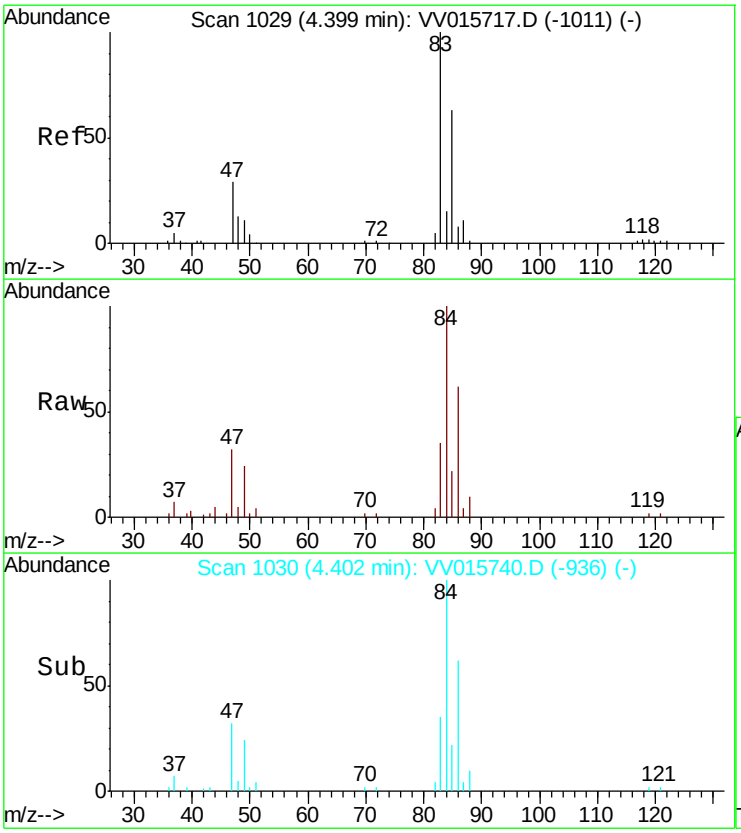
#22
cis-1,2-Dichloroethene
Concen: 4.925 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 44401

Ion	Ratio	Lower	Upper
96	100		
61	143.3	96.4	179.0
68	0.0	0.0	0.0

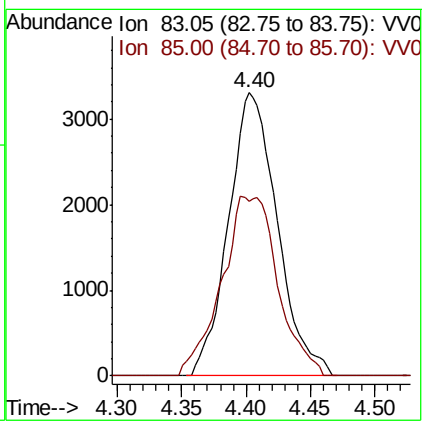


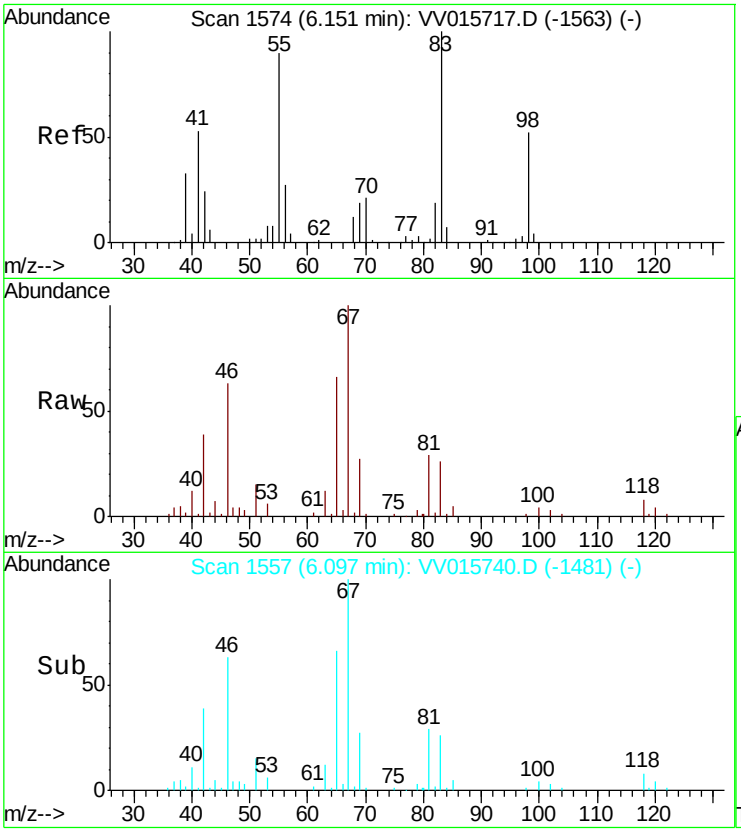


#25
Chloroform
Concen: 0.512 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Tgt Ion: 83 Resp: 8711

Ion	Ratio	Lower	Upper
83	100		
85	61.7	46.1	85.5



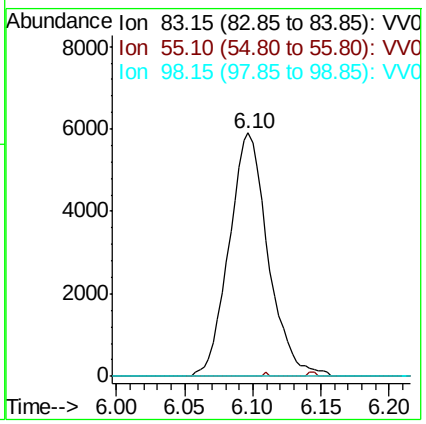


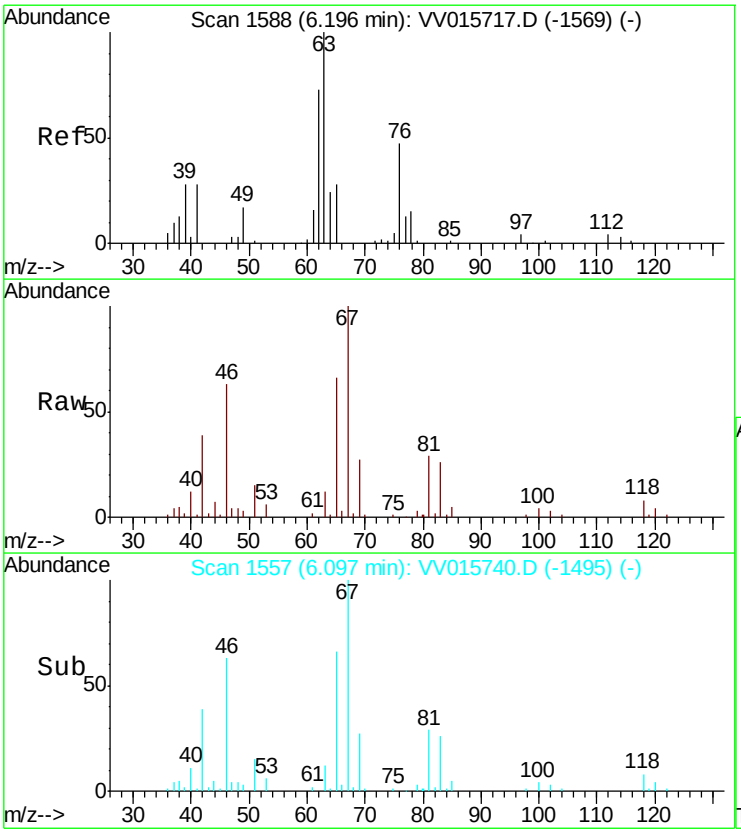
#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 11728

Ion	Ratio	Lower	Upper
83	100		
55	0.2	66.6	99.8#
98	0.0	39.5	59.3#

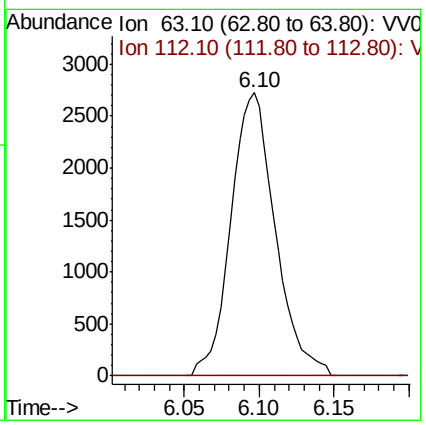


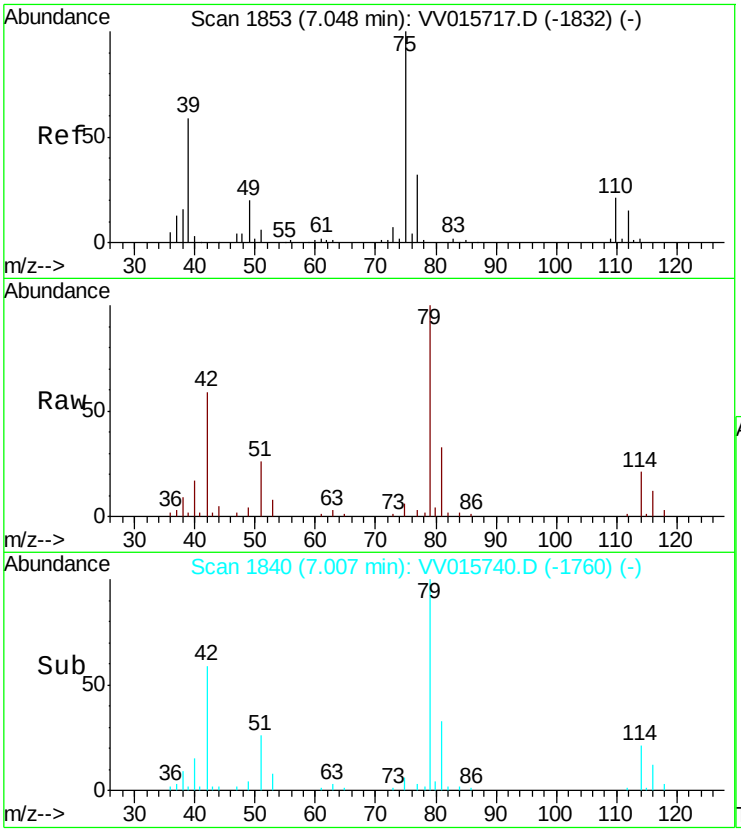


#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Tgt Ion: 63 Resp: 5628

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



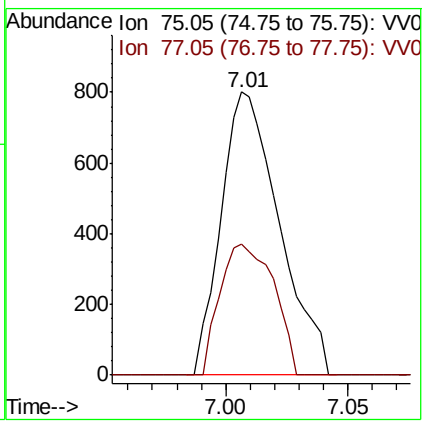


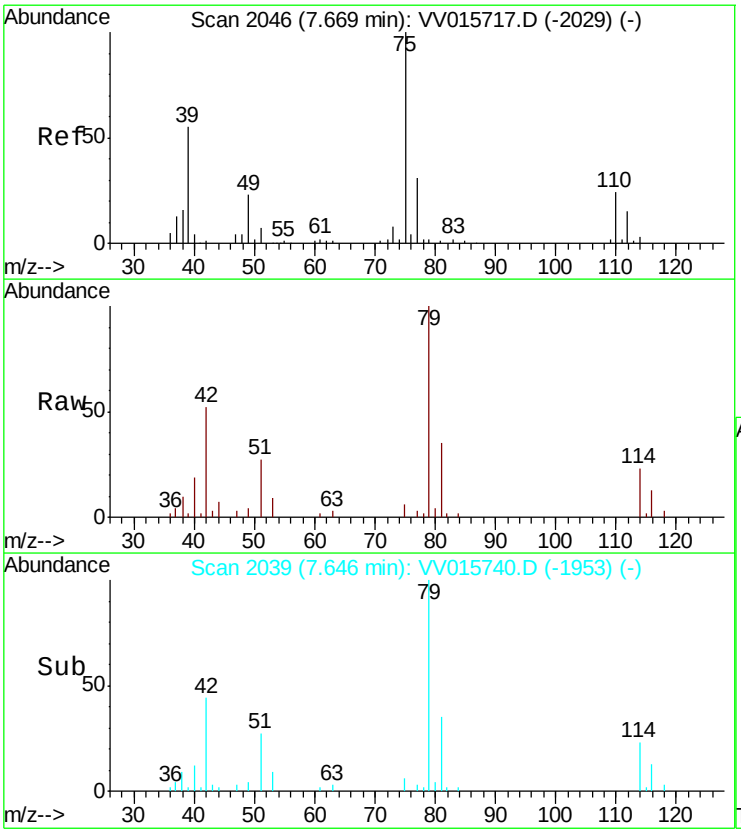
#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1330

Ion	Ratio	Lower	Upper
75	100		
77	46.4	22.3	41.5#

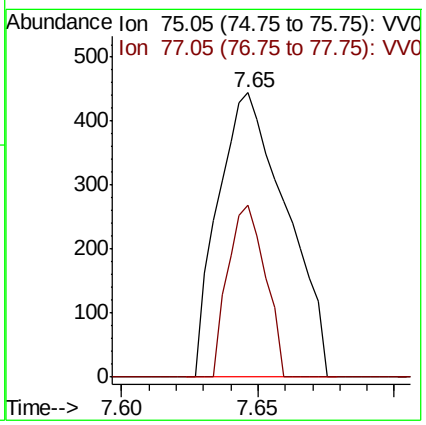


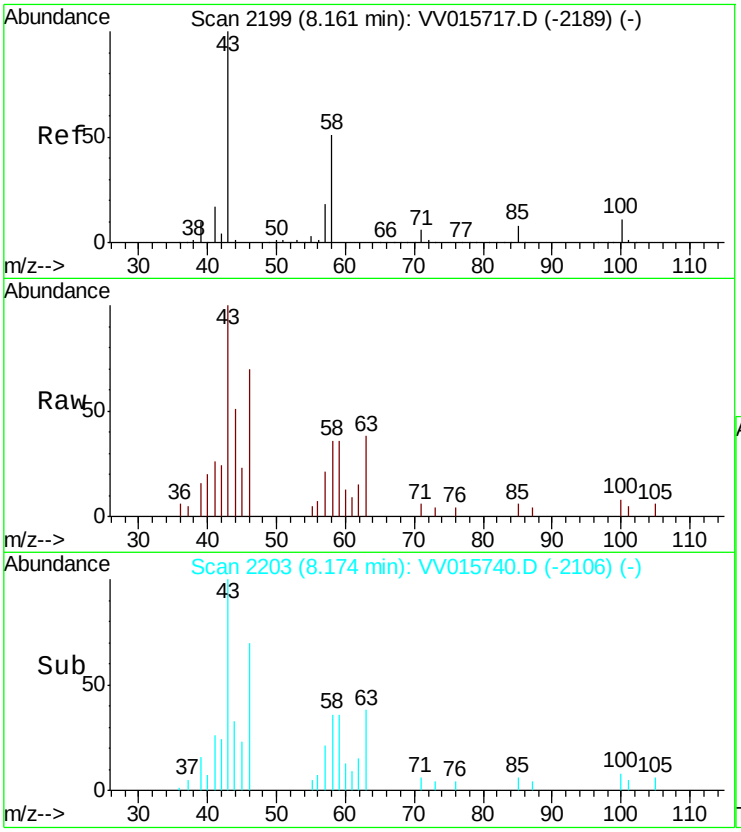


#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.02 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Tgt Ion: 75 Resp: 771

Ion	Ratio	Lower	Upper
75	100		
77	60.6	21.8	40.6#





#48
2-Hexanone
Concen: 1.296 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV015740.D
Acq: 27 Apr 2020 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5269

Ion	Ratio	Lower	Upper
43	100		
58	43.1	41.1	61.7
57	12.8	15.0	22.4#
100	5.6	9.0	13.4#