Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042720\
Data File : VV015734.D
Acq On : 27 Apr 2020 17:10
Operator : SY/MD
Sample : L2413-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 28 02:21:15 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	132955	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129841	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60767	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	27546	3.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.20%			
7) Chloroethane-d5	1.58	69	28826	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	2.12	63	45196	2.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.40%#			
20) 2-Butanone-d5	3.92	46	114130	51.16	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.32%			
24) Chloroform-d	4.38	84	78253	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.06	65	45708	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.08	84	142562	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.10	67	46975	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.34	98	129042	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	7.65	79	14766	3.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.00%			
46) 2-Hexanone-d5	8.11	63	83730	44.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.68%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35040	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	51103	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	50455	4.795	ug/L	85
8) Chloroethane	1.35	64	73730	10.669	ug/L #	51
12) 1,1-Dichloroethene	2.13	96	594	0.077	ug/L #	1
16) Methylene chloride	2.52	84	3130	0.328	ug/L	91
17) Methyl tert-butyl Ether	2.79	73	1542	0.071	ug/L #	78
18) trans-1,2-Dichloroethene	2.78	96	1425	0.164	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	108220	11.297	ug/L	100
27) 1,2-Dichloroethane	5.08	62	1067	0.090	ug/L #	78
35) Methylcyclohexane	6.10	83	11872	0.755	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5782	0.613	ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	867	0.078	ug/L #	78
48) 2-Hexanone	8.17	43	4870	1.116	ug/L #	84

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

Quantitation Report (Not Reviewed)

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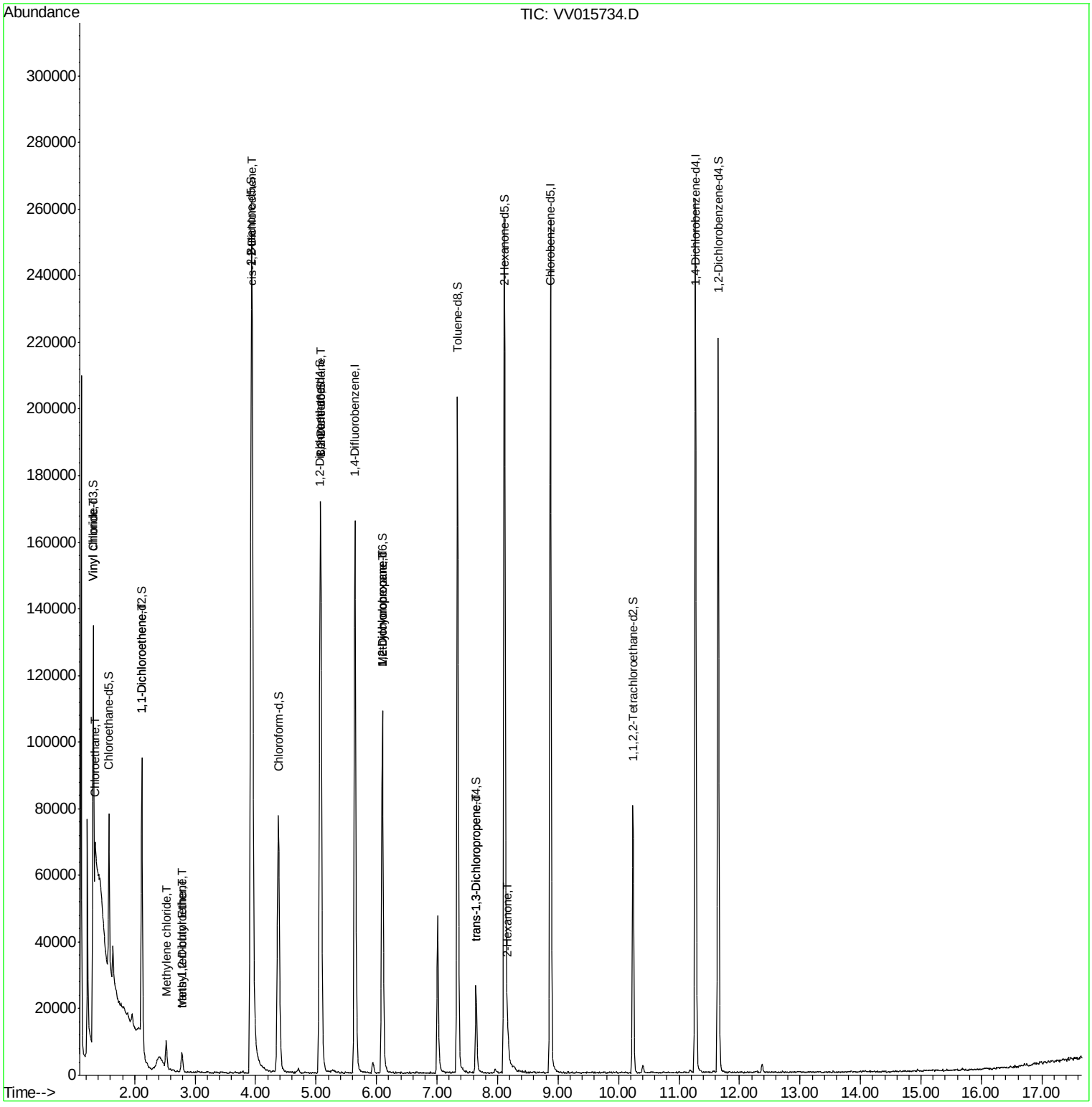
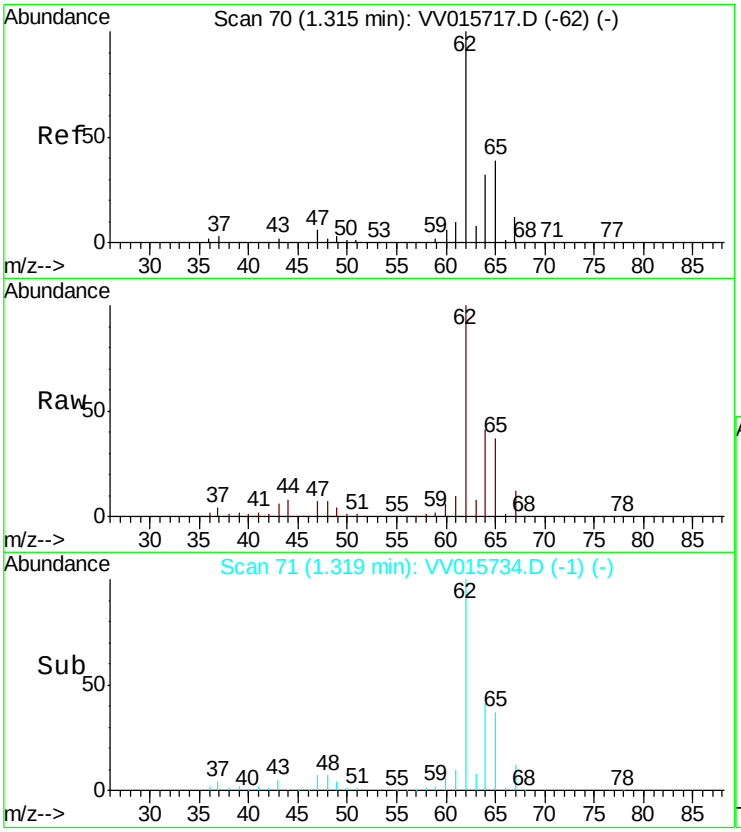
Acq On : 27 Apr 2020 17:10
Operator : SY/MD
Sample : L2413-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 28 02:21:15 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



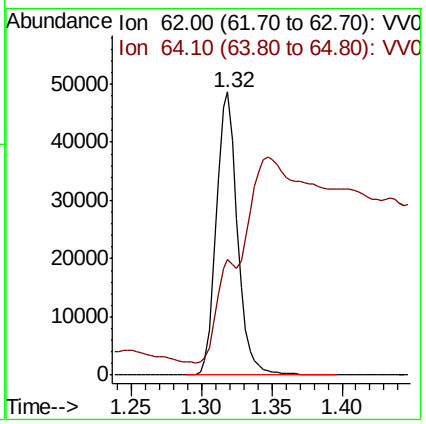


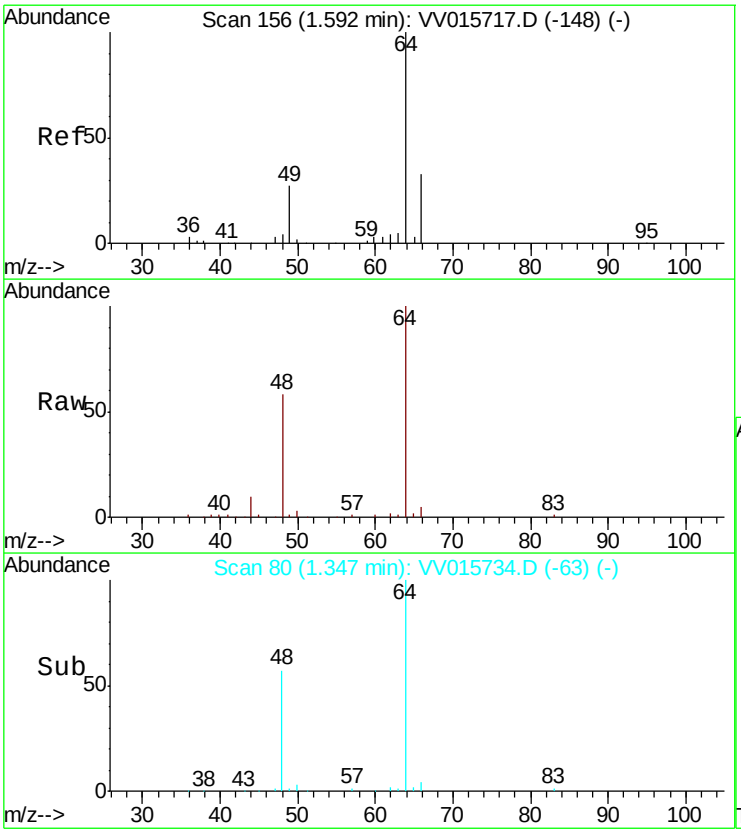
#5
Vinyl chloride
Concen: 4.795 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 50455

Ion	Ratio	Lower	Upper
62	100		
64	40.8	22.7	42.1

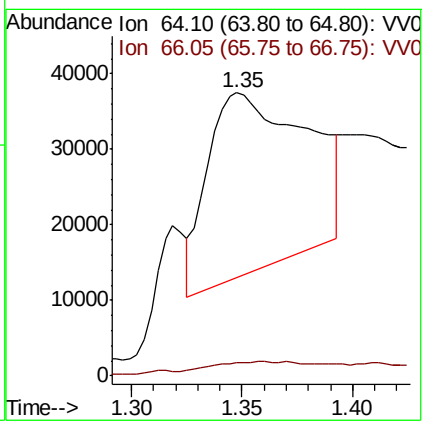


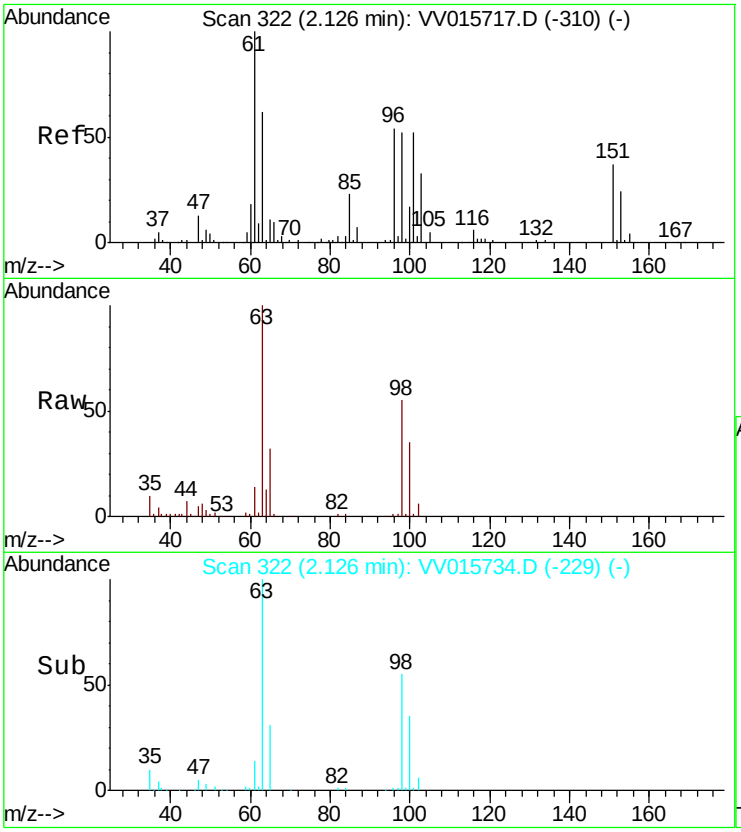


#8
Chloroethane
Concen: 10.669 ug/L
RT: 1.35 min Scan# 80
Delta R.T. -0.24 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Tgt Ion: 64 Resp: 73730

Ion	Ratio	Lower	Upper
64	100		
66	4.6	22.3	41.5#



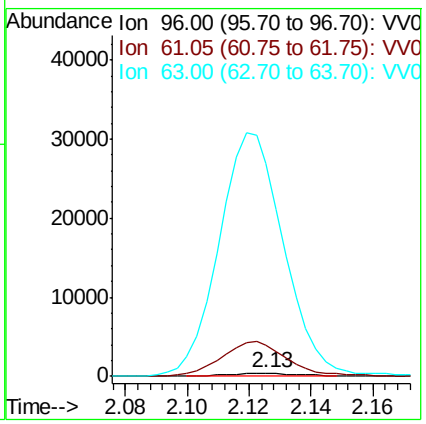


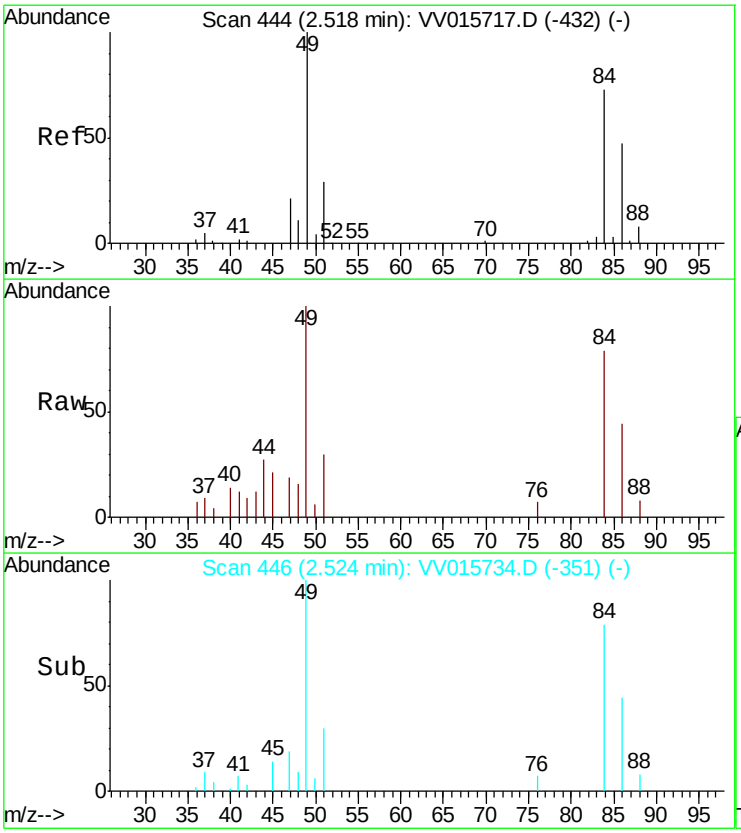
#12
1,1-Dichloroethene
Concen: 0.077 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 594

Ion	Ratio	Lower	Upper
96	100		
61	1000.0	130.1	241.7#
63	6908.0	91.4	169.8#

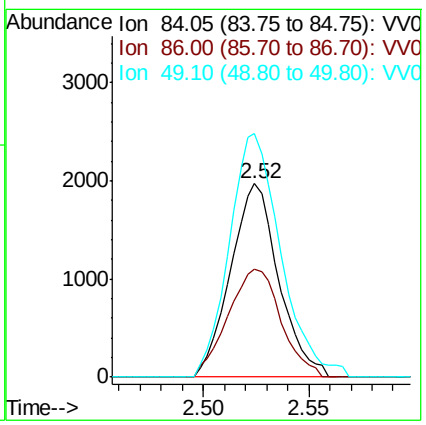


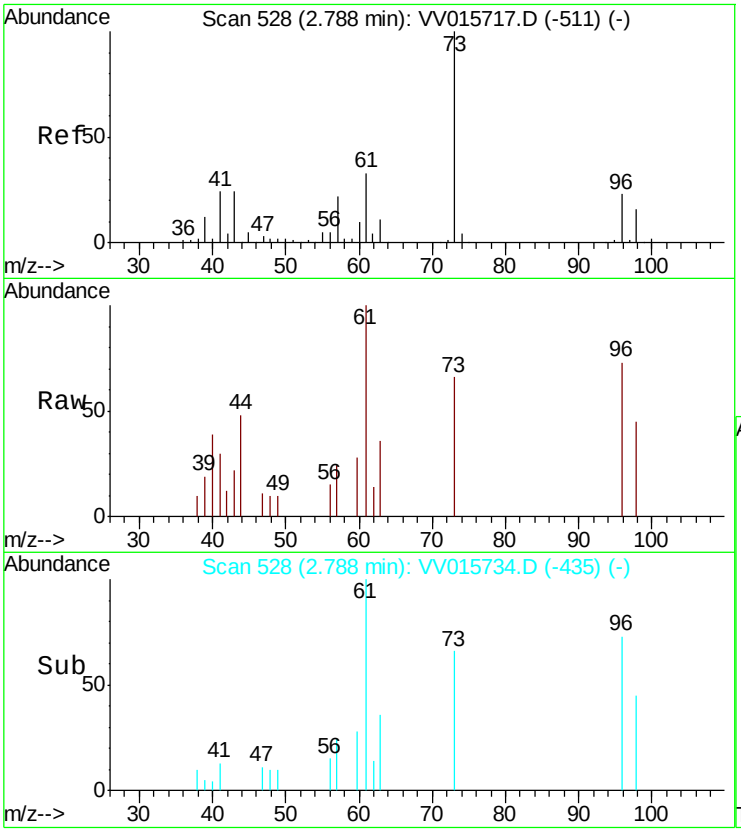


#16
Methylene chloride
Concen: 0.328 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Tgt Ion: 84 Resp: 3130

Ion	Ratio	Lower	Upper
84	100		
86	55.8	45.1	83.7
49	126.1	94.4	175.4



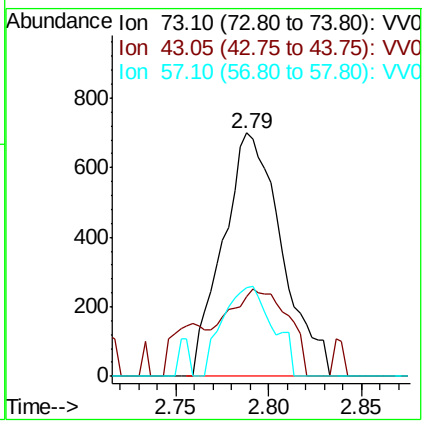


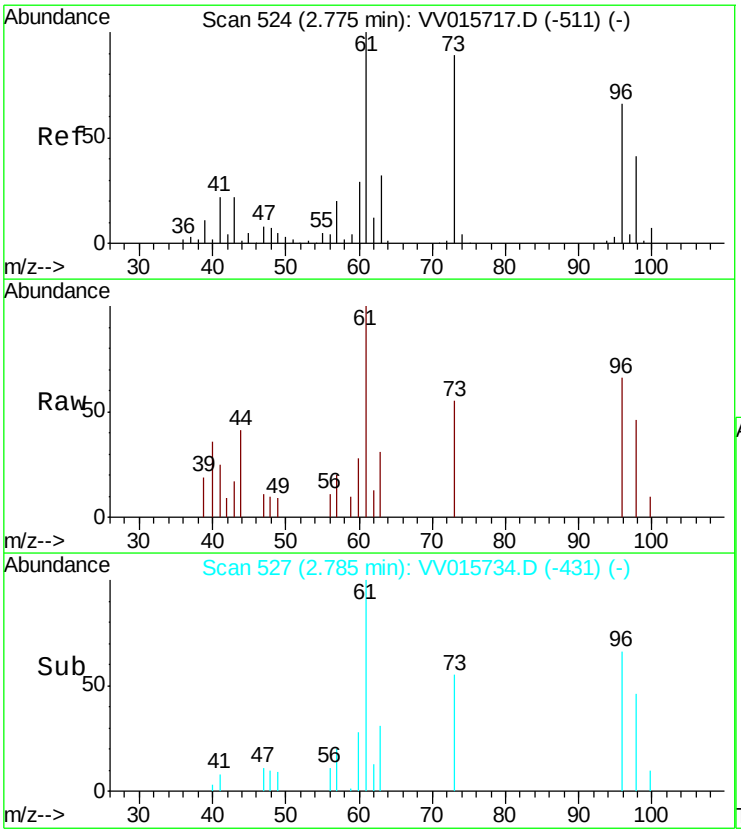
#17
Methyl tert-butyl Ether
Concen: 0.071 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 1542

Ion	Ratio	Lower	Upper
73	100		
43	37.0	20.1	30.1#
57	31.5	17.8	26.8#

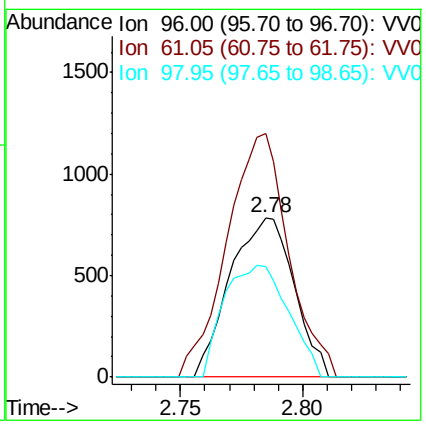


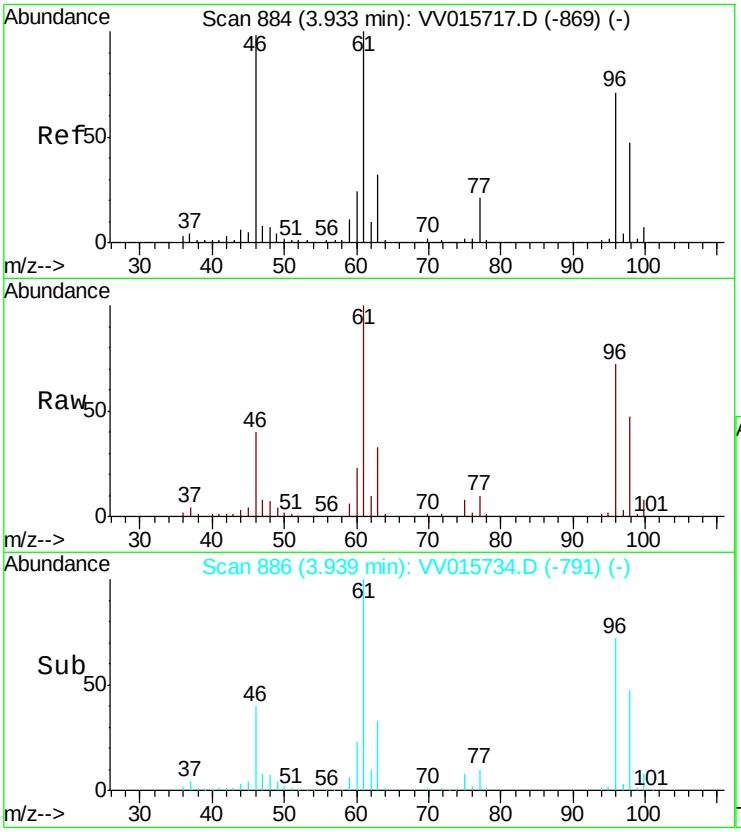


#18
trans-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Tgt Ion: 96 Resp: 1425

Ion	Ratio	Lower	Upper
96	100		
61	152.4	105.5	195.9
98	69.5	44.2	82.0



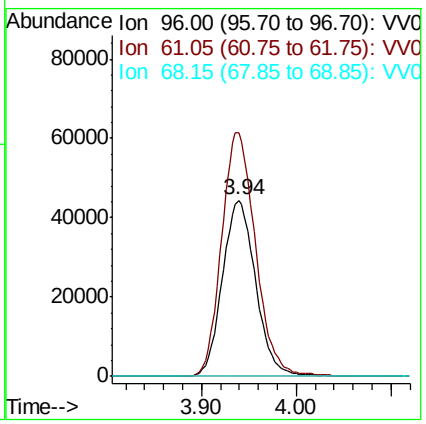


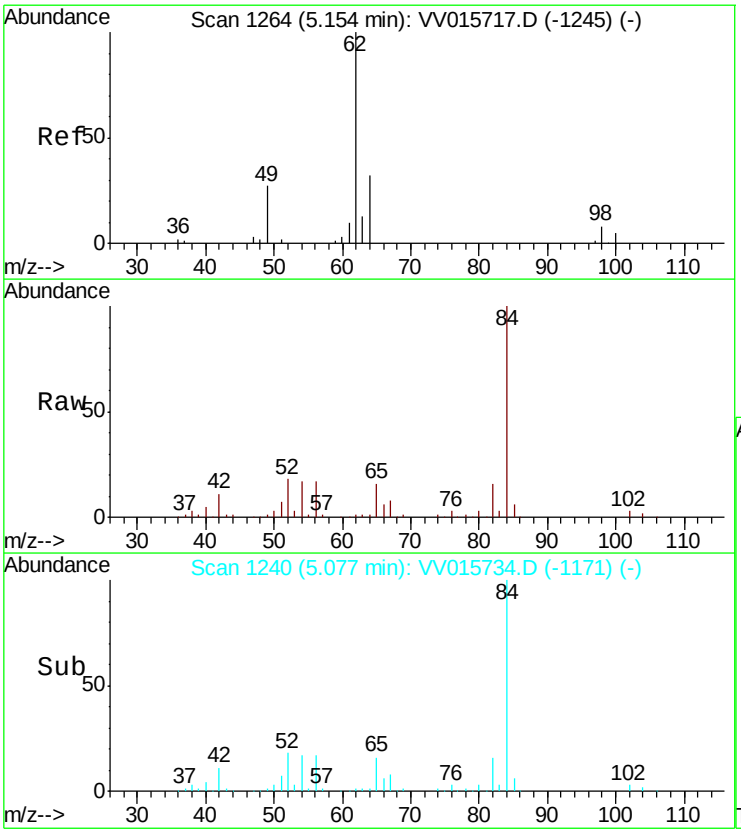
#22
cis-1,2-Dichloroethene
Concen: 11.297 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 108220

Ion	Ratio	Lower	Upper
96	100		
61	138.0	96.4	179.0
68	0.0	0.0	0.0

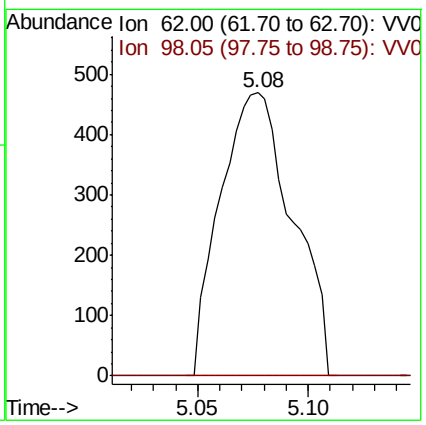


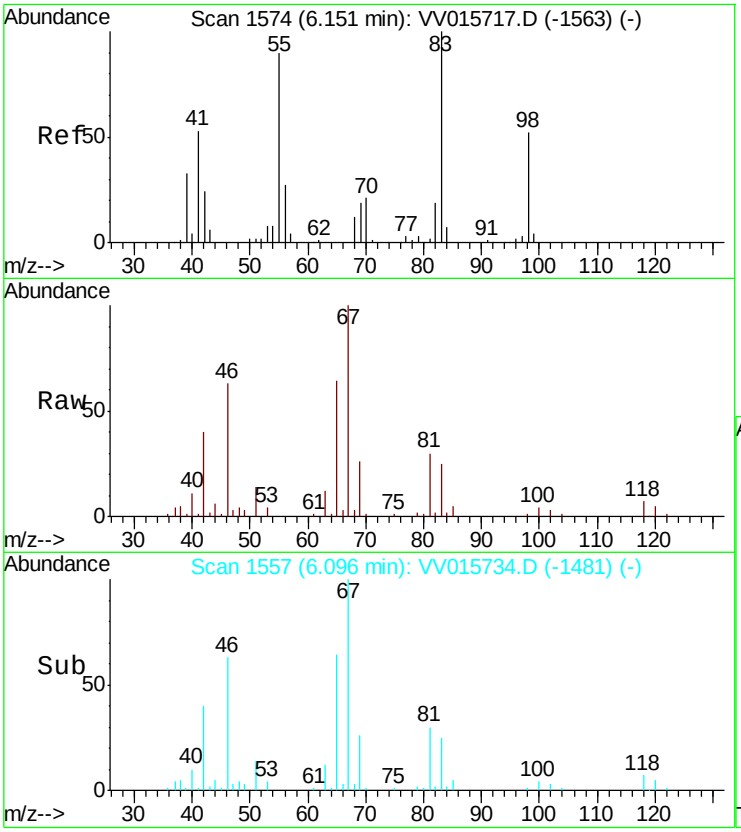


#27
1,2-Dichloroethane
Concen: 0.090 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Tgt Ion: 62 Resp: 1067

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#



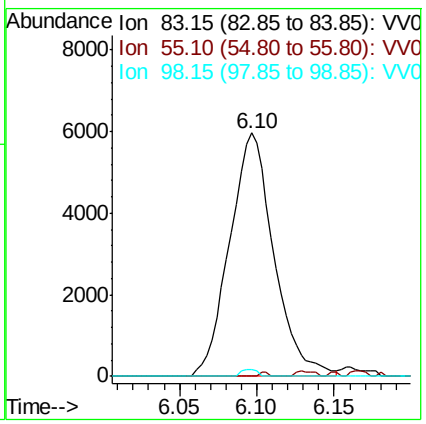


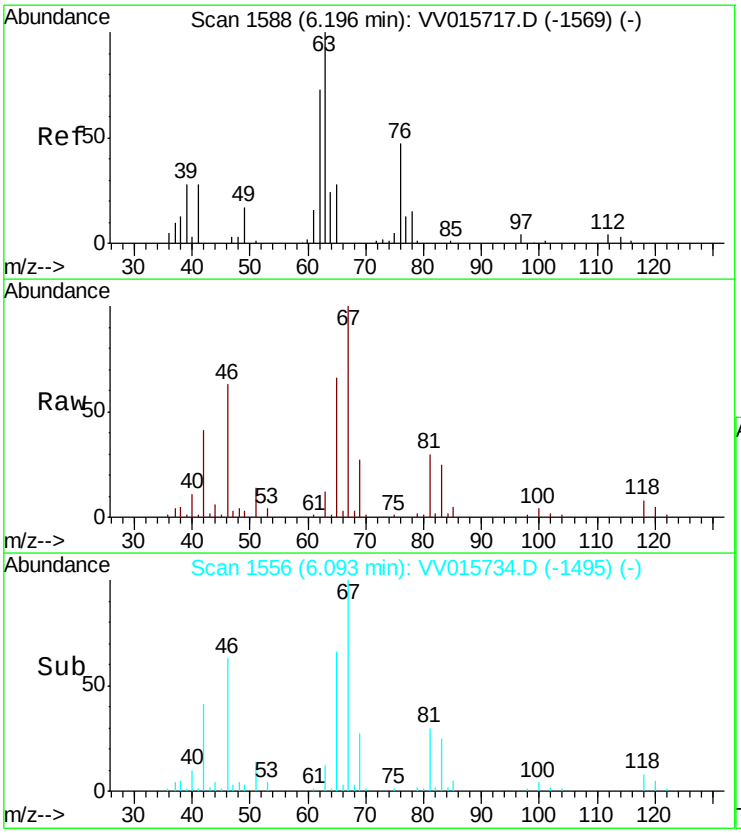
#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 11872

Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.6	99.8#
98	0.9	39.5	59.3#

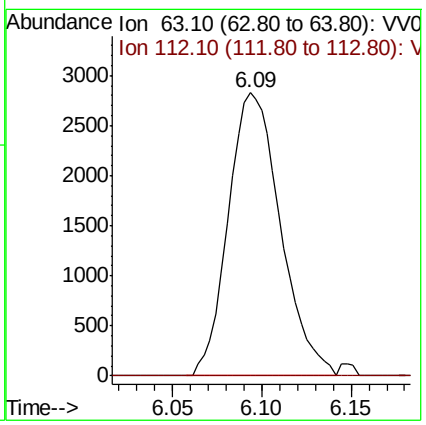


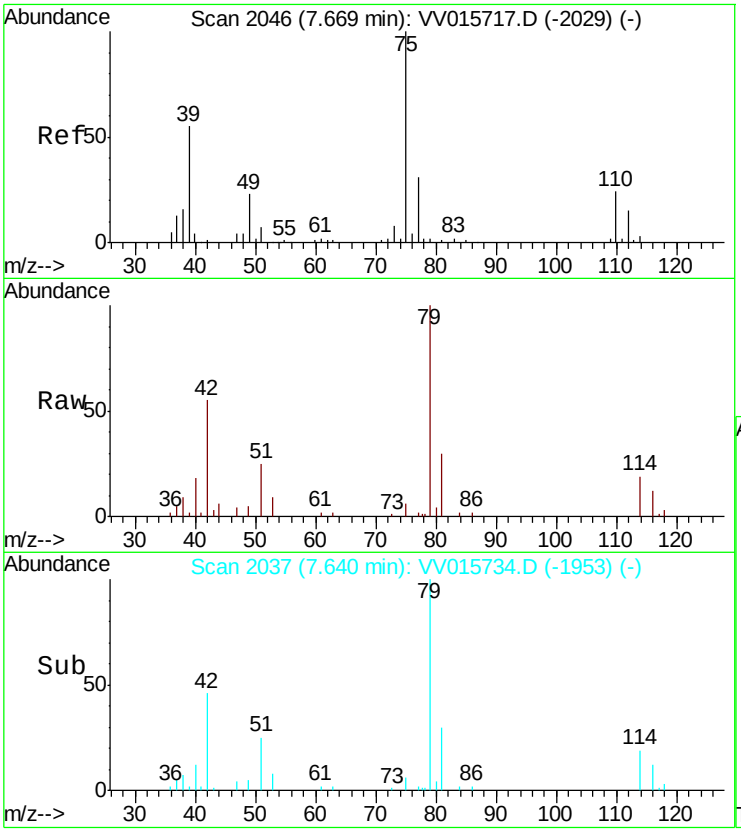


#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Tgt Ion: 63 Resp: 5782

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



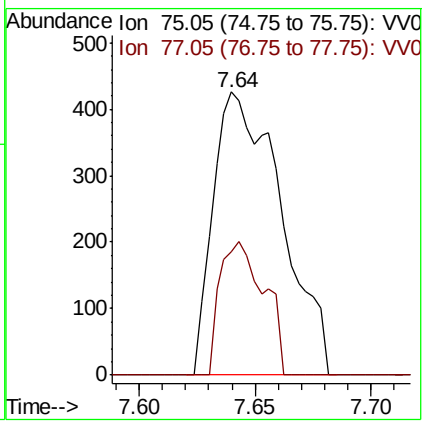


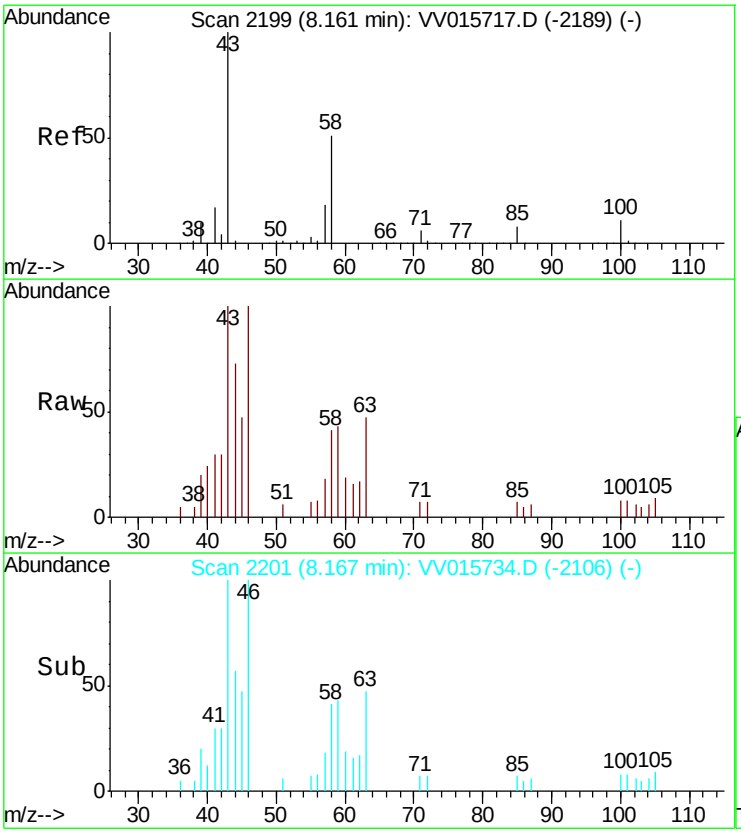
#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 867

Ion	Ratio	Lower	Upper
75	100		
77	43.4	21.8	40.6#





#48
2-Hexanone
Concen: 1.116 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV015734.D
Acq: 27 Apr 2020 17:10

Tgt Ion: 43 Resp: 4870

Ion	Ratio	Lower	Upper
43	100		
58	46.9	41.1	61.7
57	0.0	15.0	22.4#
100	5.5	9.0	13.4#