Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051320\
Data File : VV016046.D
Acq On : 13 May 2020 17:15
Operator : SY/MD
Sample : L2542-14DL 40X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 14 02:31:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150119	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148014	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68325	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45287	5.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.20%			
7) Chloroethane-d5	1.58	69	41694	5.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.00%			
11) 1,1-Dichloroethene-d2	2.13	63	66216	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.60%			
20) 2-Butanone-d5	3.95	46	113831	49.00	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.00%			
24) Chloroform-d	4.38	84	91247	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
26) 1,2-Dichloroethane-d4	5.06	65	51069	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.08	84	178194	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.10	67	54484	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.34	98	156792	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
45) trans-1,3-Dichloropropene-	7.65	79	18785	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
48) 2-Hexanone-d5	8.12	63	89867	48.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.96%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38229	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	55899	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	4891	0.616	ug/L #	61
12) 1,1-Dichloroethene	2.13	96	652	0.079	ug/L #	1
16) Methylene chloride	2.53	84	3579	0.362	ug/L	93
17) Methyl tert-butyl Ether	2.79	73	156173	7.275	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	586	0.061	ug/L	92
27) 1,2-Dichloroethane	5.08	62	1298	0.109	ug/L #	76
35) Methylcyclohexane	6.10	83	13481	0.838	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6752	0.714	ug/L #	87
46) trans-1,3-Dichloropropene	7.64	75	886	0.078	ug/L #	65
50) 2-Hexanone	8.12	43	13633	3.269	ug/L #	77

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

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Instrument :
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ClientSampleId :

Quant Time: May 14 02:31:11 2020
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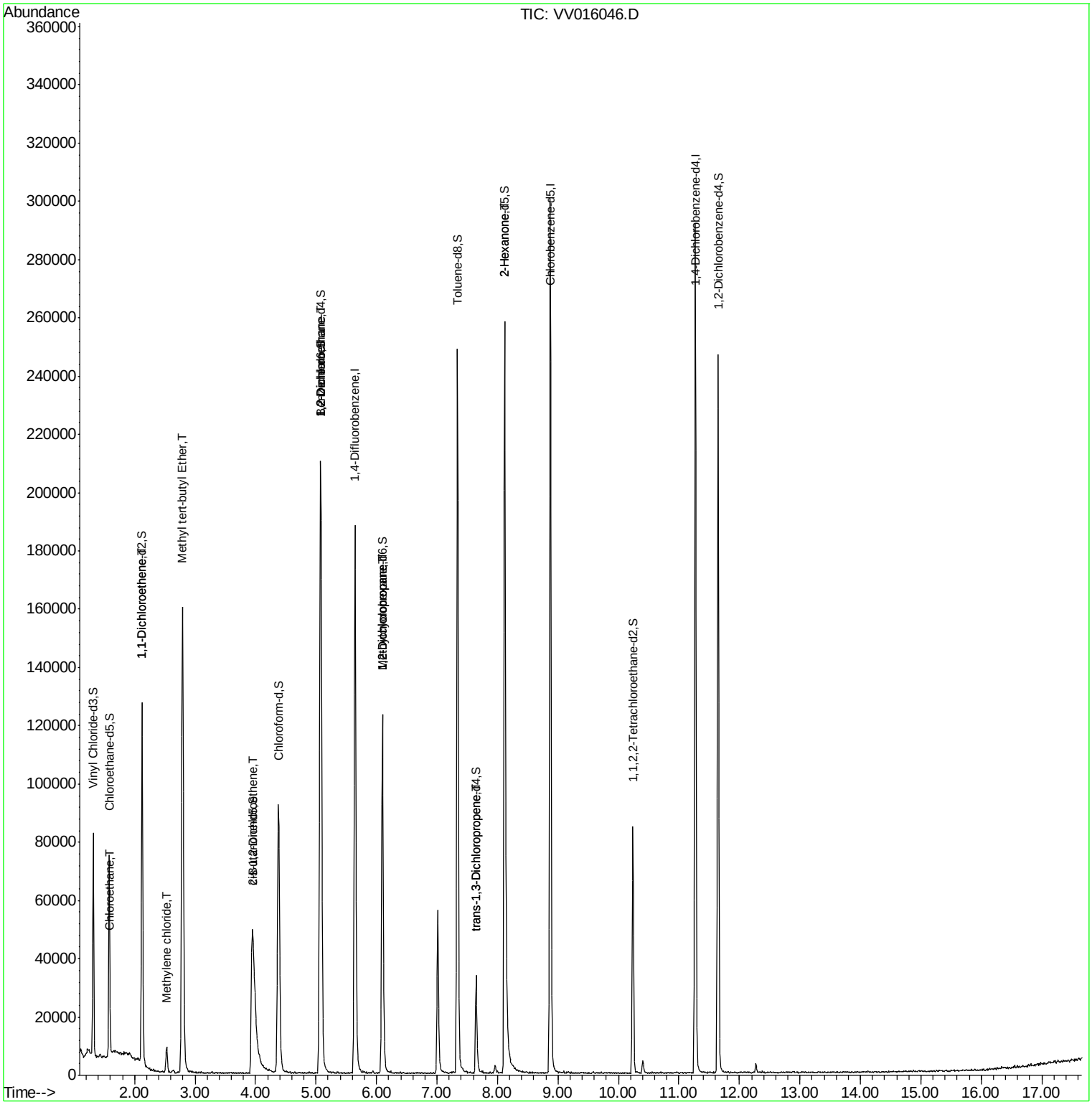
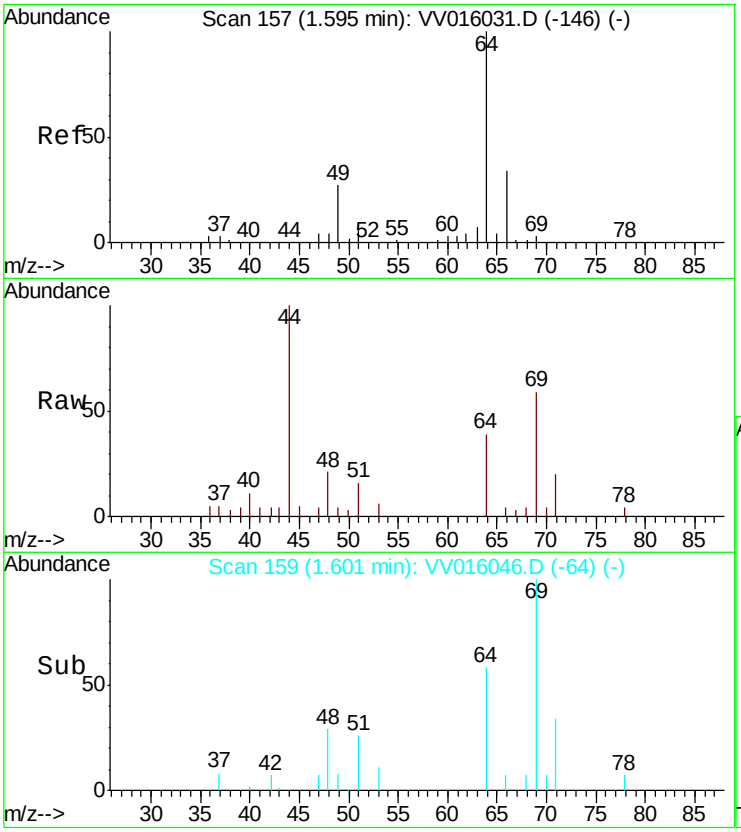
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration



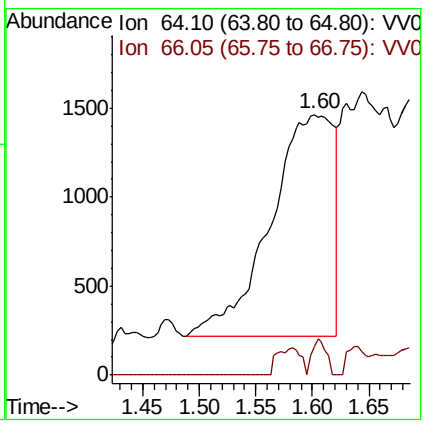


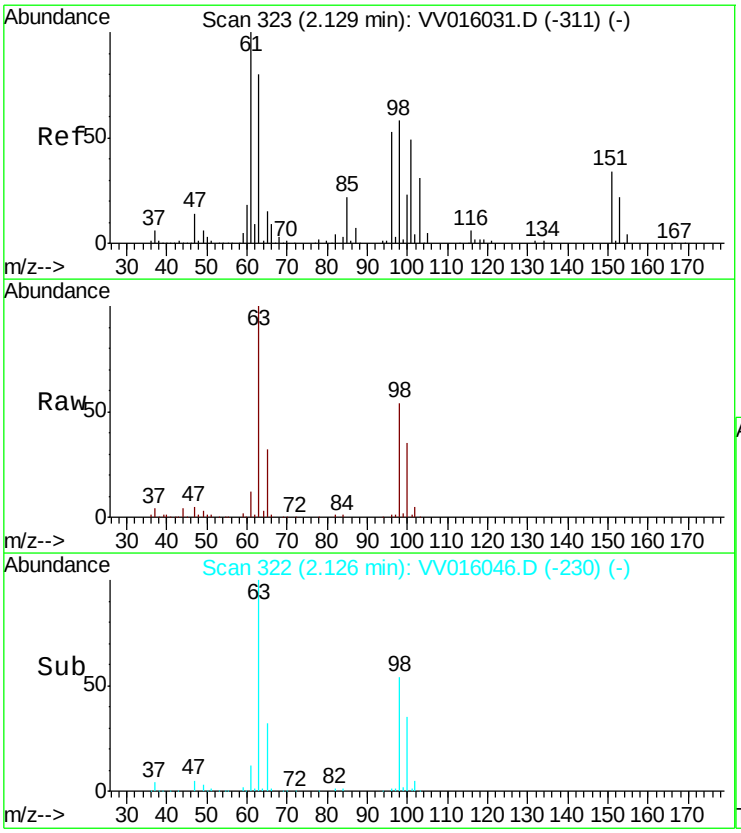
#8
Chloroethane
Concen: 0.616 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.01 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 4891

Ion	Ratio	Lower	Upper
64	100		
66	11.2	23.6	43.8#

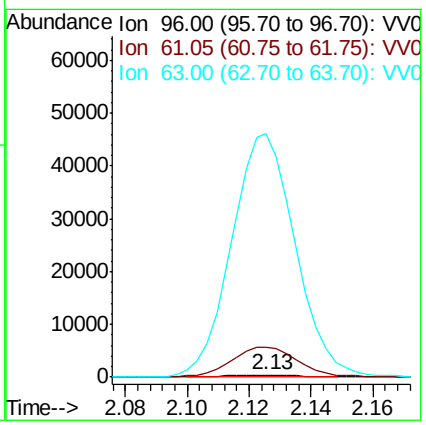


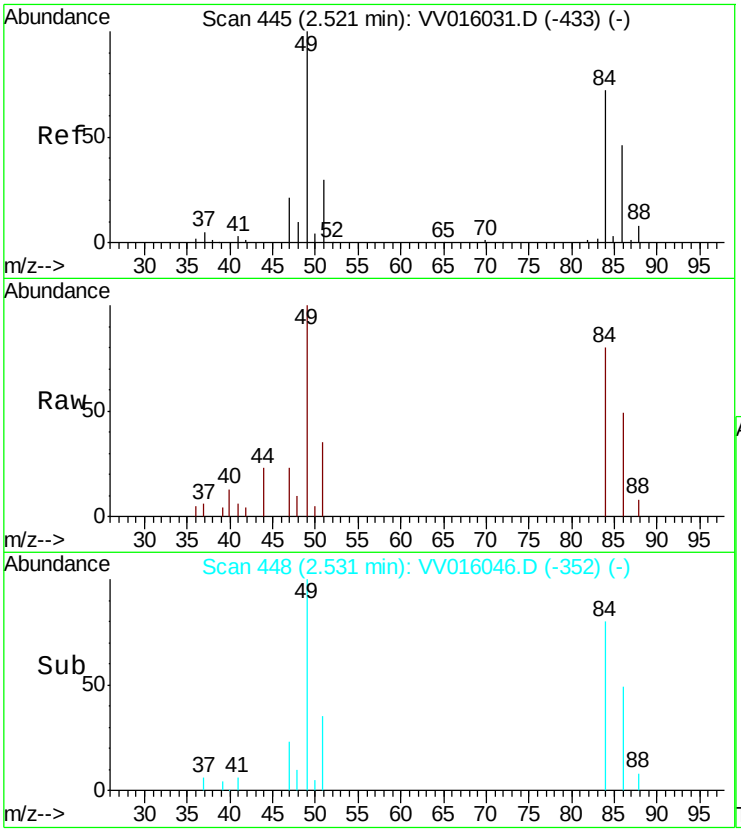


#12
1,1-Dichloroethene
Concen: 0.079 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Tgt Ion: 96 Resp: 652

Ion	Ratio	Lower	Upper
96	100		
61	1379.9	139.9	259.7#
63	11169.0	106.4	197.6#



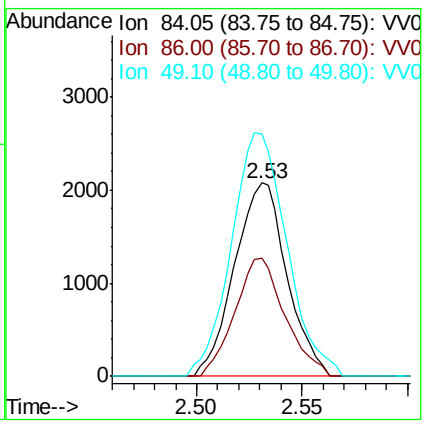


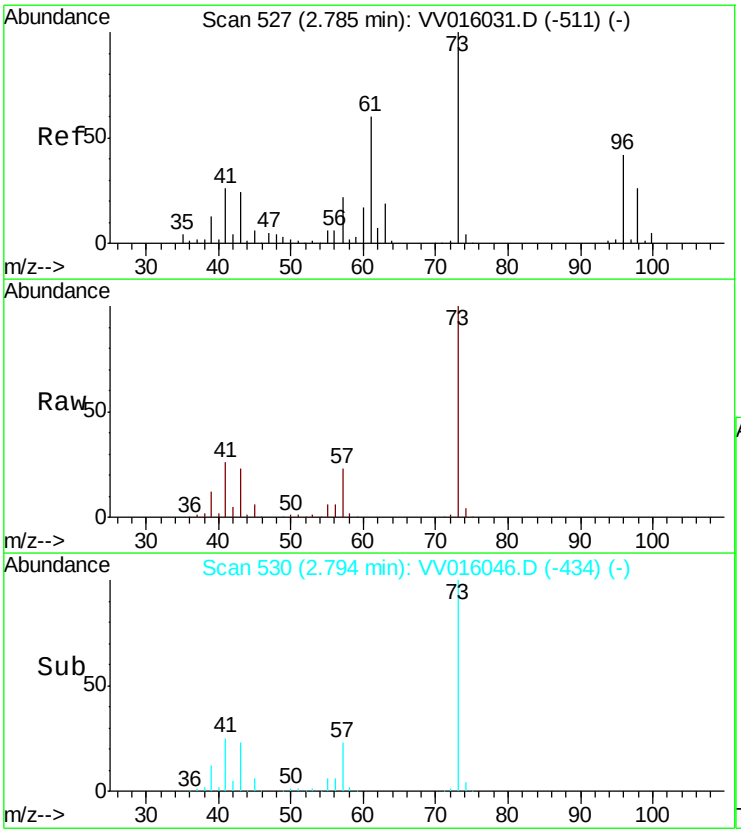
#16
Methylene chloride
Concen: 0.362 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 3579

Ion	Ratio	Lower	Upper
84	100		
86	61.2	45.6	84.8
49	125.1	93.6	173.8

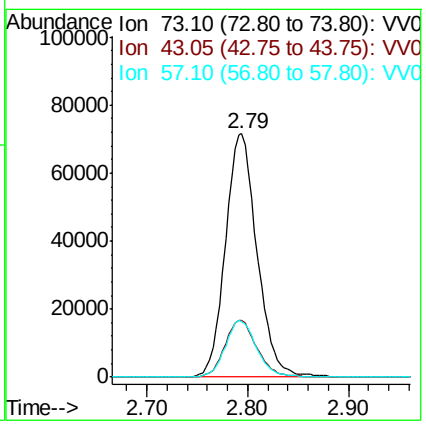


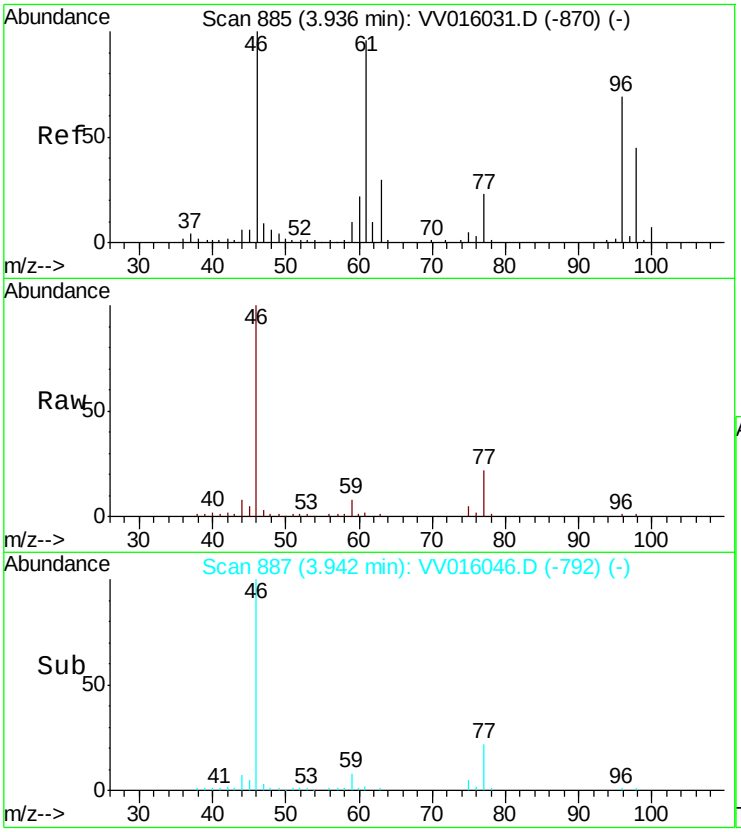


#17
Methyl tert-butyl Ether
Concen: 7.275 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Tgt Ion: 73 Resp: 156173

Ion	Ratio	Lower	Upper
73	100		
43	23.8	18.8	28.2
57	23.2	17.8	26.6



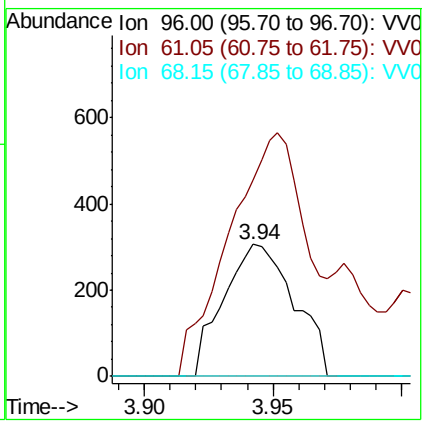


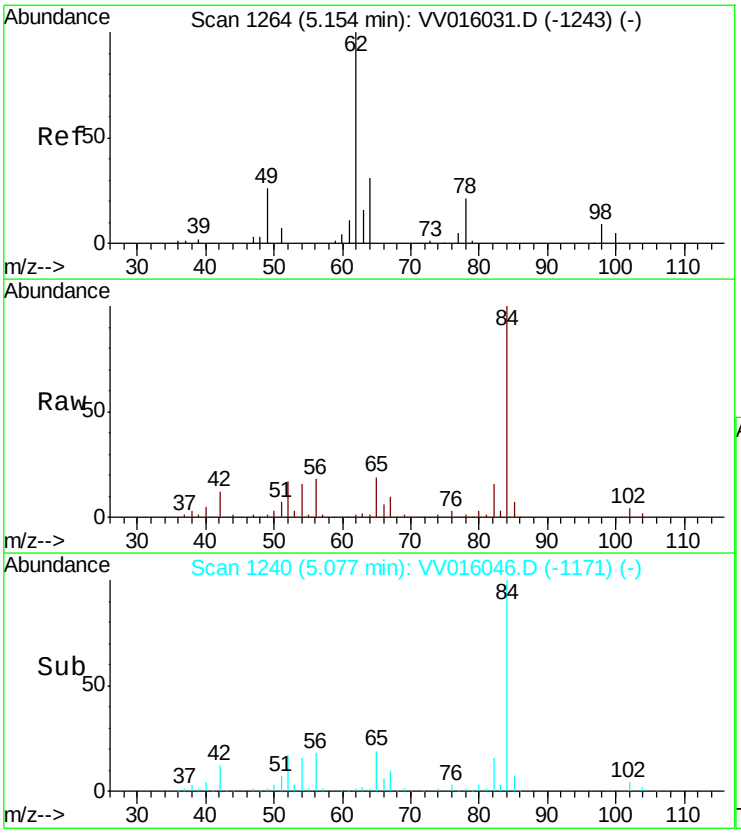
#22
cis-1,2-Dichloroethene
Concen: 0.061 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 586

Ion	Ratio	Lower	Upper
96	100		
61	148.4	97.2	180.6
68	0.0	0.0	0.0

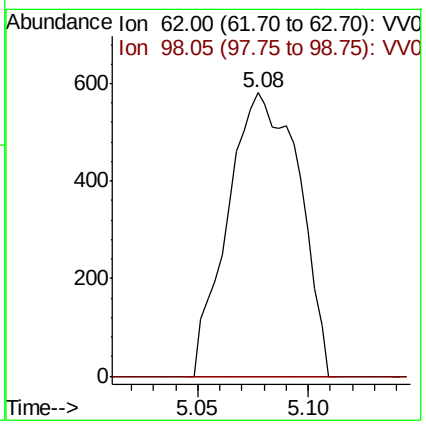


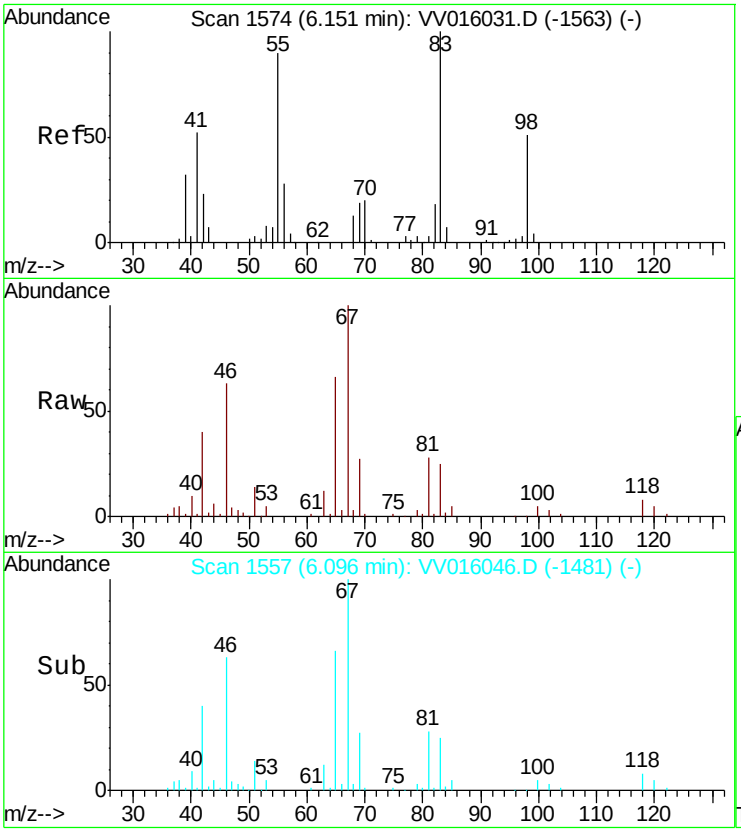


#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Tgt Ion: 62 Resp: 1298

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#



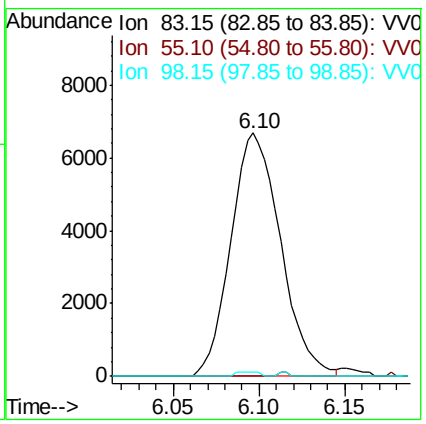


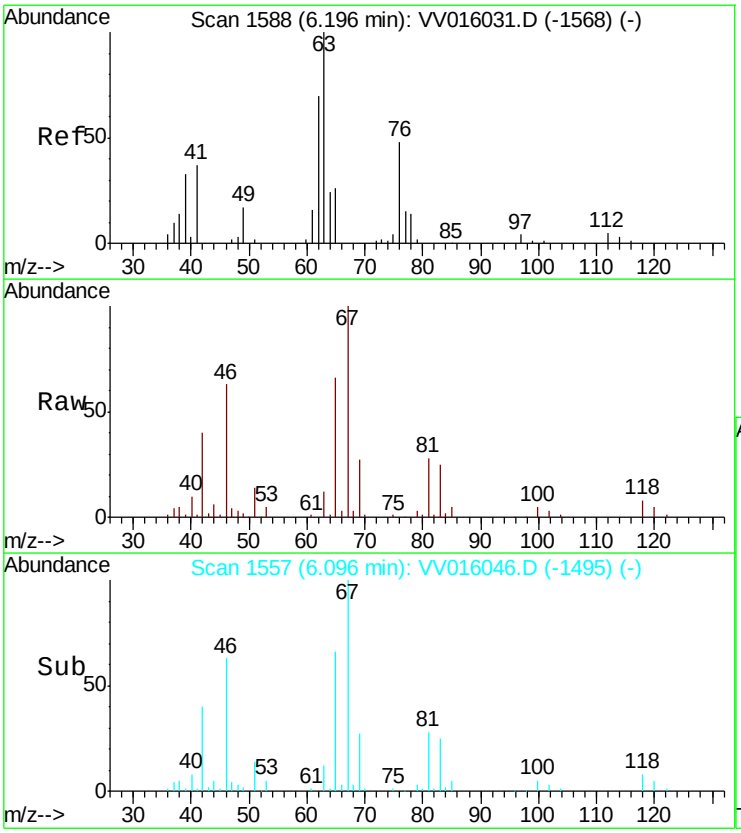
#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 13481

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.2#
98	0.9	37.9	56.9#

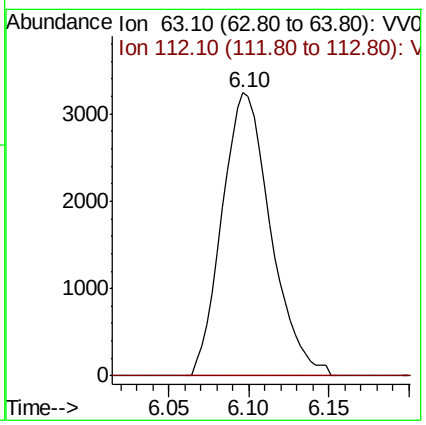


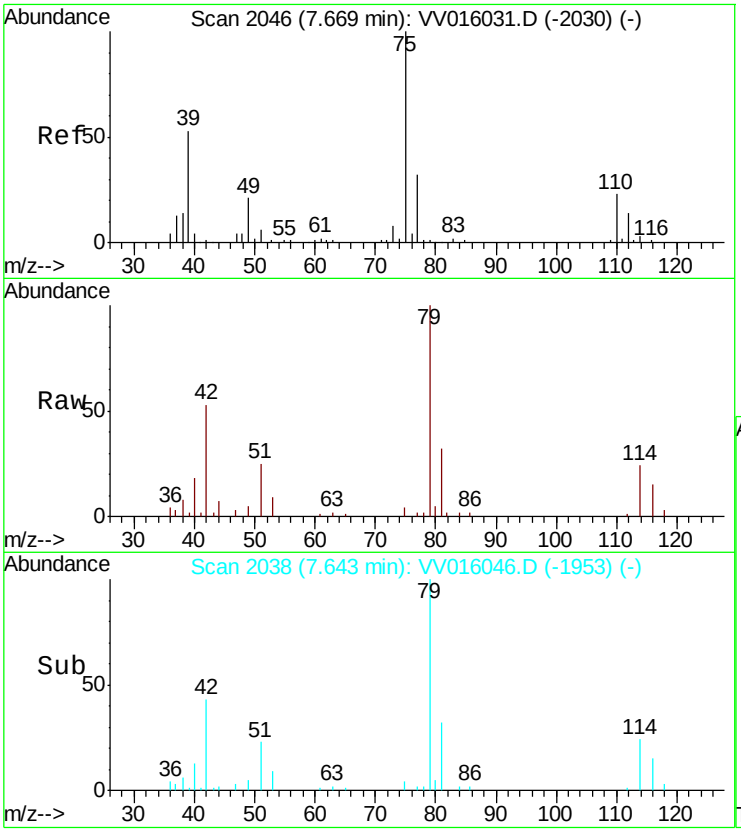


#37
1,2-Dichloropropane
Concen: 0.714 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Tgt Ion: 63 Resp: 6752

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



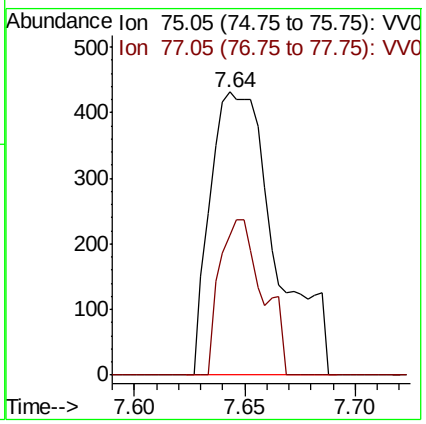


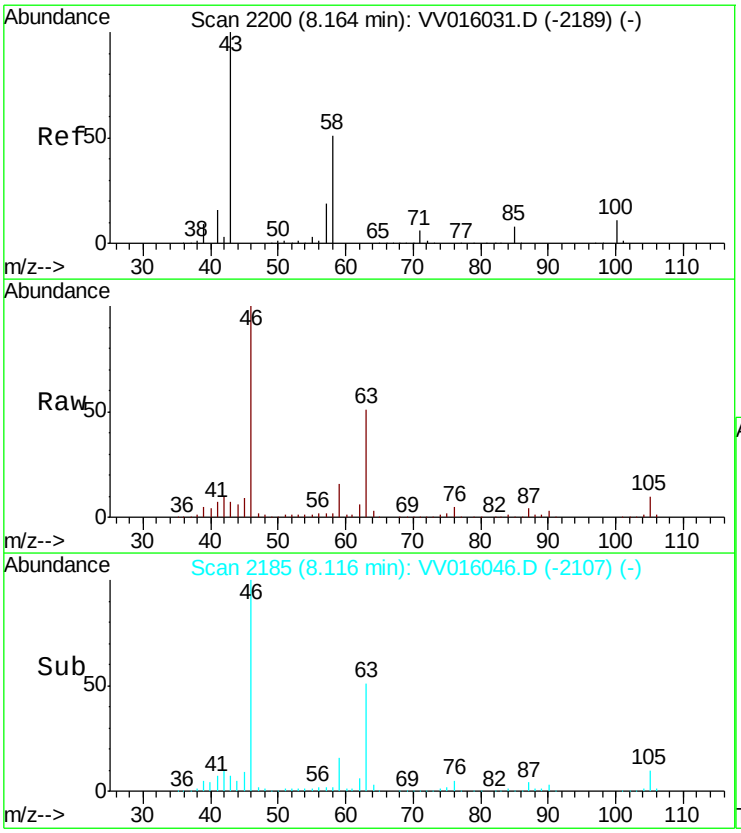
#46
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 886

Ion	Ratio	Lower	Upper
75	100		
77	49.5	21.3	39.6#





#50
2-Hexanone
Concen: 3.269 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016046.D
Acq: 13 May 2020 17:15

Tgt Ion: 43 Resp: 13633

Ion	Ratio	Lower	Upper
43	100		
58	34.9	40.8	61.2#
57	26.8	14.7	22.1#
100	0.5	9.0	13.6#