Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071819\

Quantitation Report (Not Reviewed)

Data File : VV011933.D
Acq On : 18 Jul 2019 14:58
Operator : SY/MD
Sample : K3772-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Jul 19 05:46:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 19 05:34:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158637	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65983	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56314	4.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.60%			
7) Chloroethane-d5	1.58	69	50000	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.13	63	70677	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	3.96	46	173733	59.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.08%			
24) Chloroform-d	4.40	84	122329	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.08	65	68747	5.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.80%			
32) Benzene-d6	5.09	84	246330	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.00%			
36) 1,2-Dichloropropane-d6	6.12	67	76525	5.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.60%			
41) Toluene-d8	7.36	98	206972	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
43) trans-1,3-Dichloropropene-	7.66	79	25942	5.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.00%			
46) 2-Hexanone-d5	8.13	63	110001	54.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43868	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	74502	5.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.00%			
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	3128	0.353	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	2437	0.199	ug/L	85
25) Chloroform	4.43	83	6479	0.268	ug/L	86
35) Methylcyclohexane	6.11	83	19213	0.963	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9795	0.848	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1374	0.109	ug/L #	81
48) 2-Hexanone	8.19	43	10224	2.058	ug/L #	84
58) 1,1,2,2-Tetrachloroethane	10.27	83	460	0.062	ug/L #	3

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

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Instrument : MSVOA_V
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Quant Time: Jul 19 05:46:38 2019
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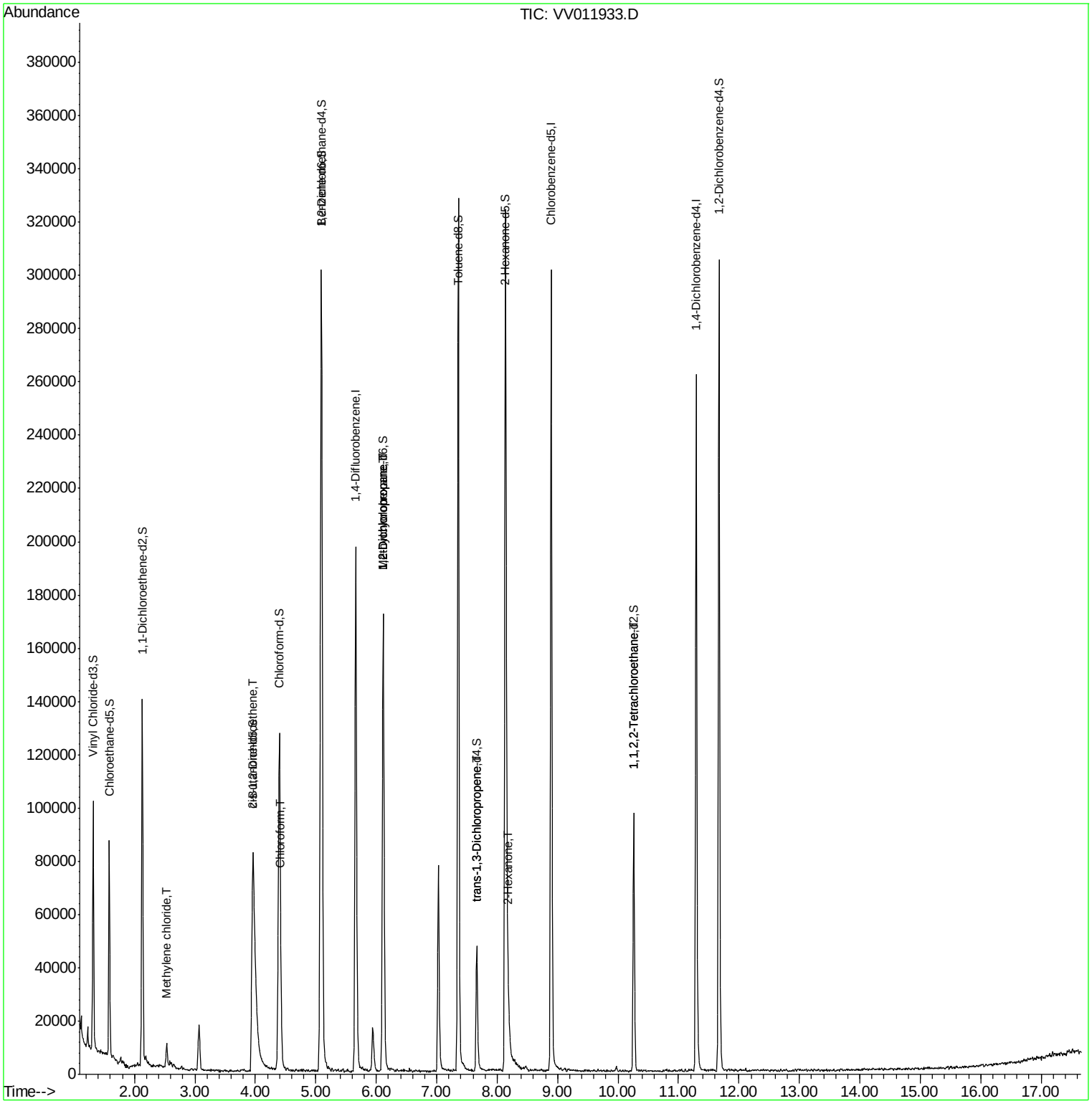
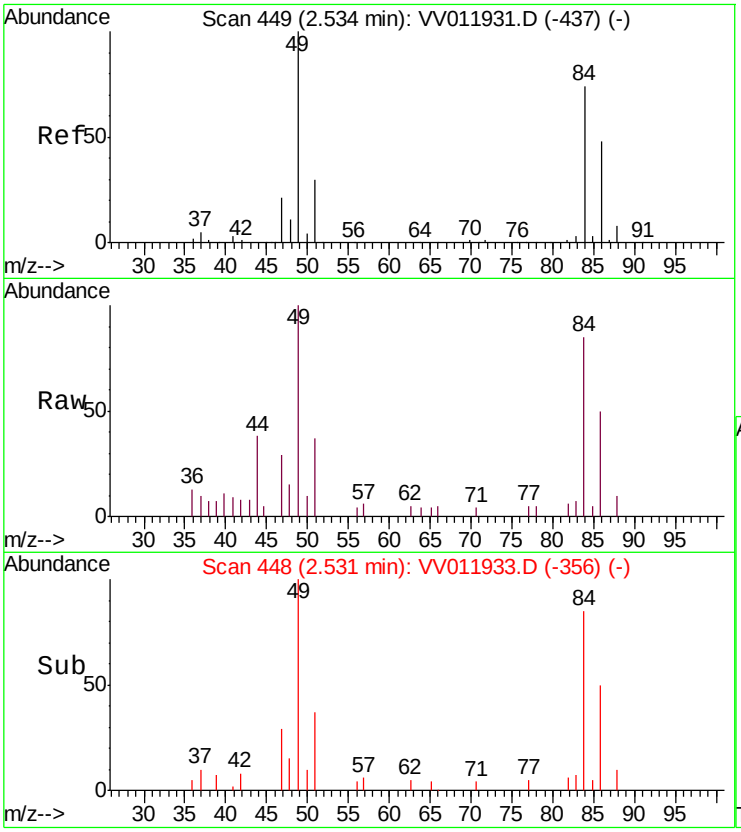
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 19 05:34:55 2019
Response via : Initial Calibration



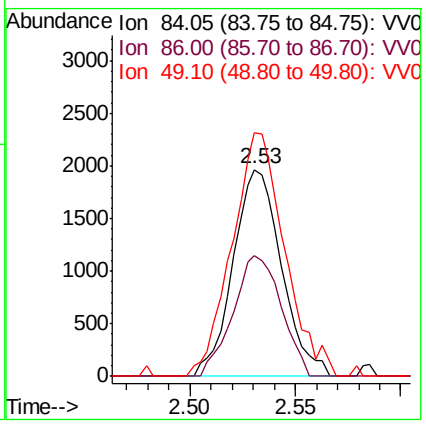


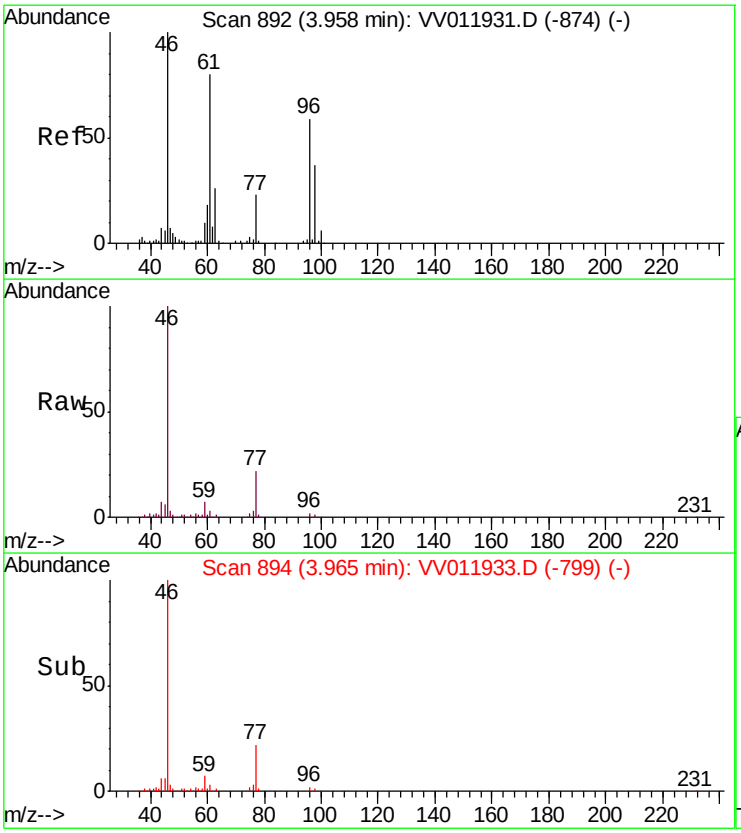
#16
Methylene chloride
Concen: 0.353 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV011933.D
Acq: 18 Jul 2019 14:58

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 3128

Ion	Ratio	Lower	Upper
84	100		
86	58.7	44.8	83.2
49	117.9	90.4	168.0

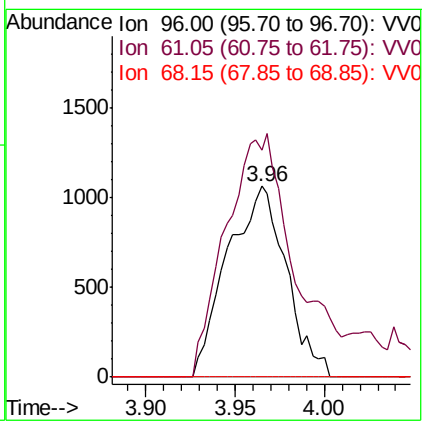


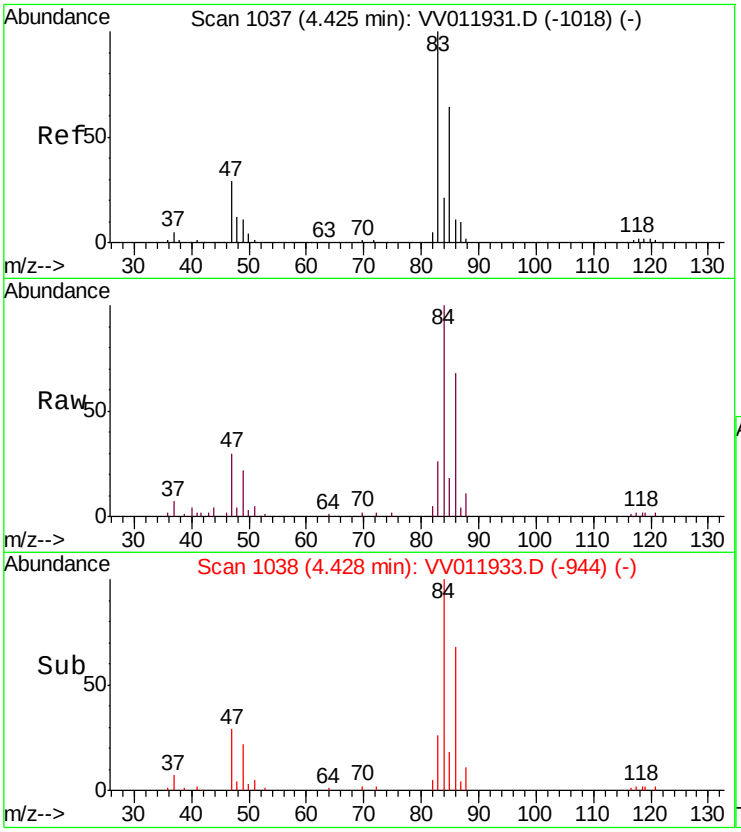


#22
cis-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV011933.D
Acq: 18 Jul 2019 14:58

Tgt Ion: 96 Resp: 2437

Ion	Ratio	Lower	Upper
96	100		
61	118.6	95.2	176.8
68	0.0	0.0	0.0



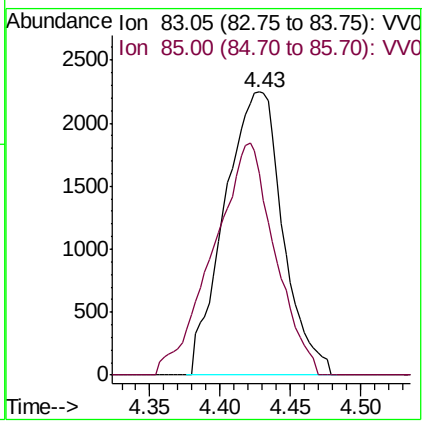


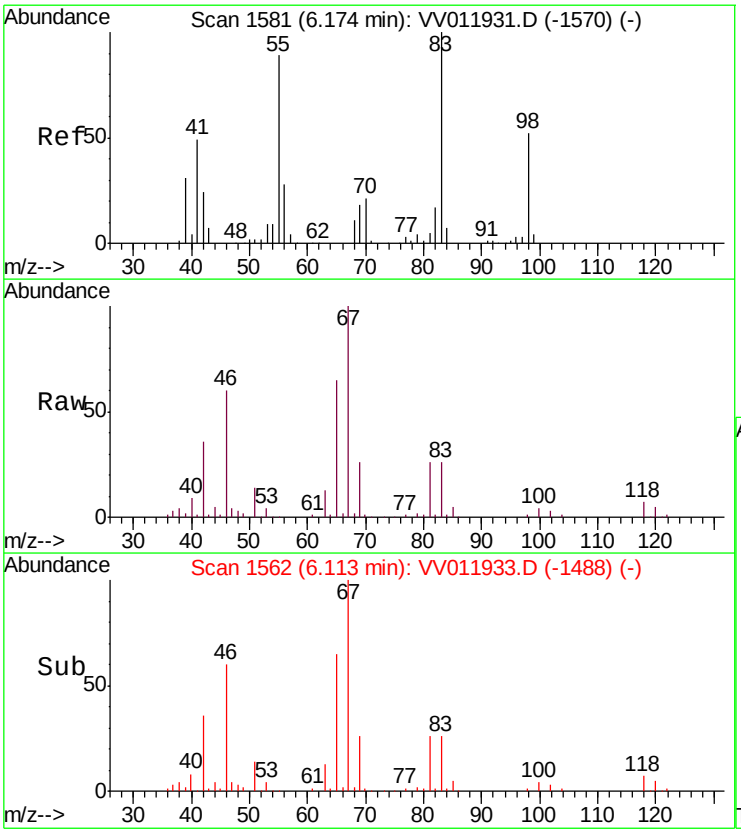
#25
Chloroform
Concen: 0.268 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011933.D
Acq: 18 Jul 2019 14:58

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 6479

Ion	Ratio	Lower	Upper
83	100		
85	71.1	42.5	78.9

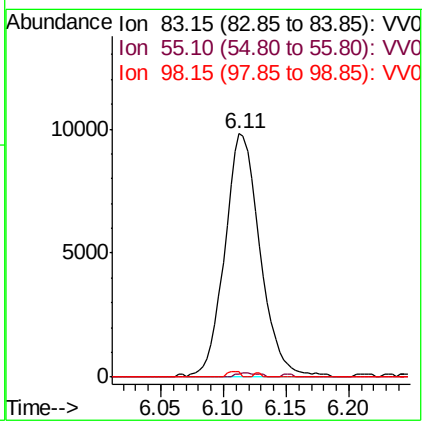


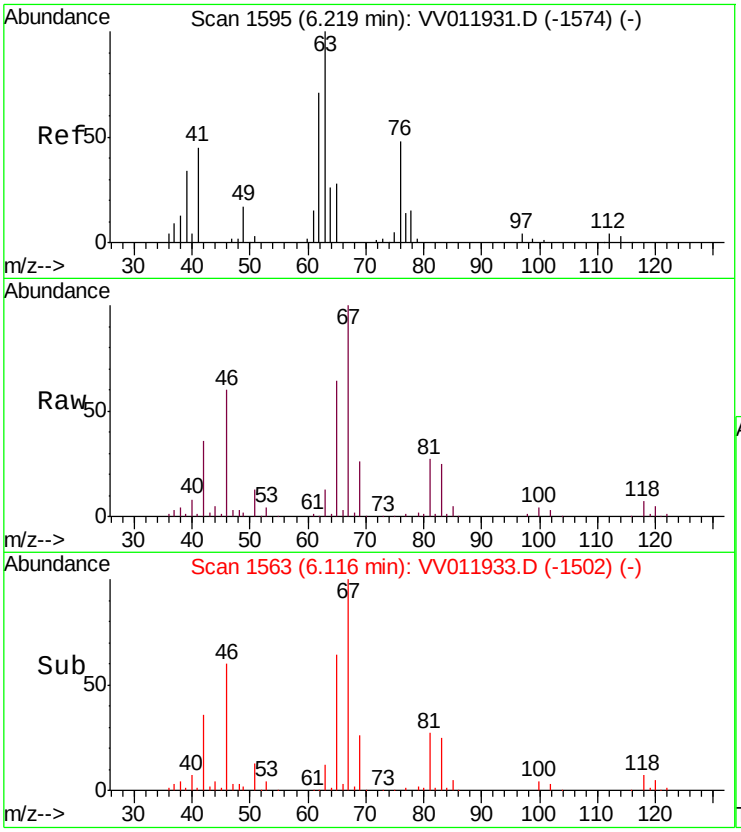


#35
Methylcyclohexane
Concen: 0.963 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011933.D
Acq: 18 Jul 2019 14:58

Tgt Ion: 83 Resp: 19213

Ion	Ratio	Lower	Upper
83	100		
55	1.1	66.7	100.1#
98	0.8	39.0	58.4#



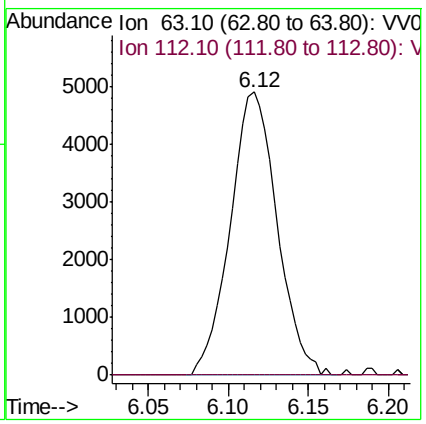


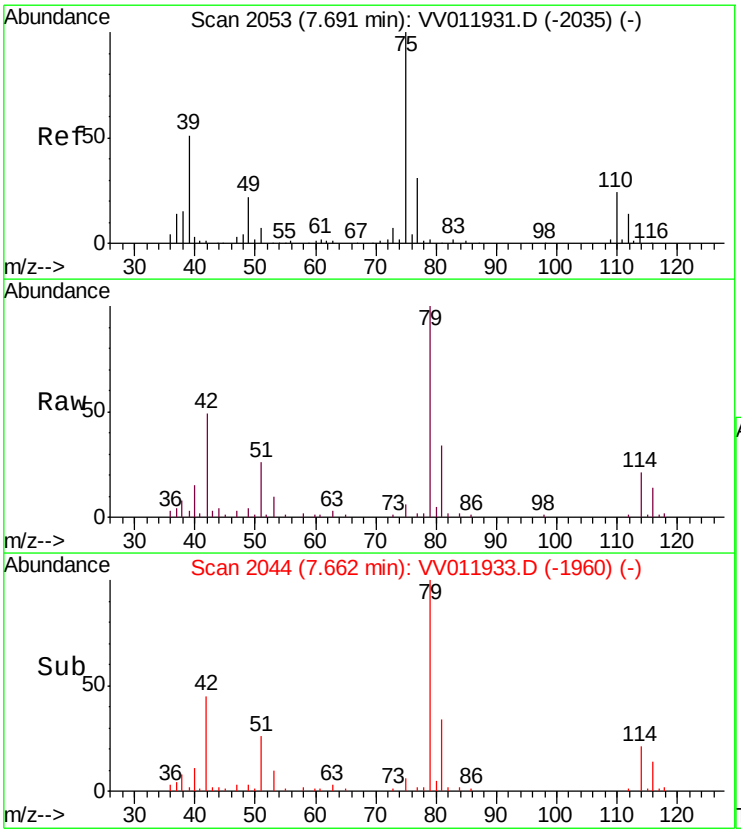
#37
1,2-Dichloropropane
Concen: 0.848 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011933.D
Acq: 18 Jul 2019 14:58

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 63 Resp: 9795

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

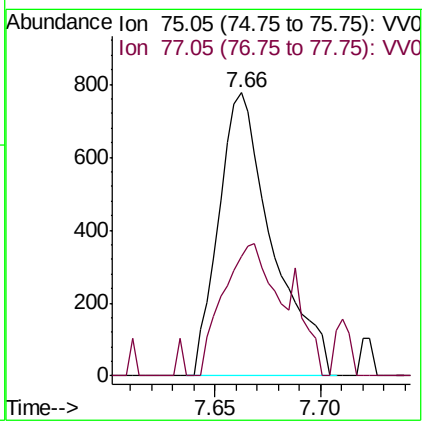


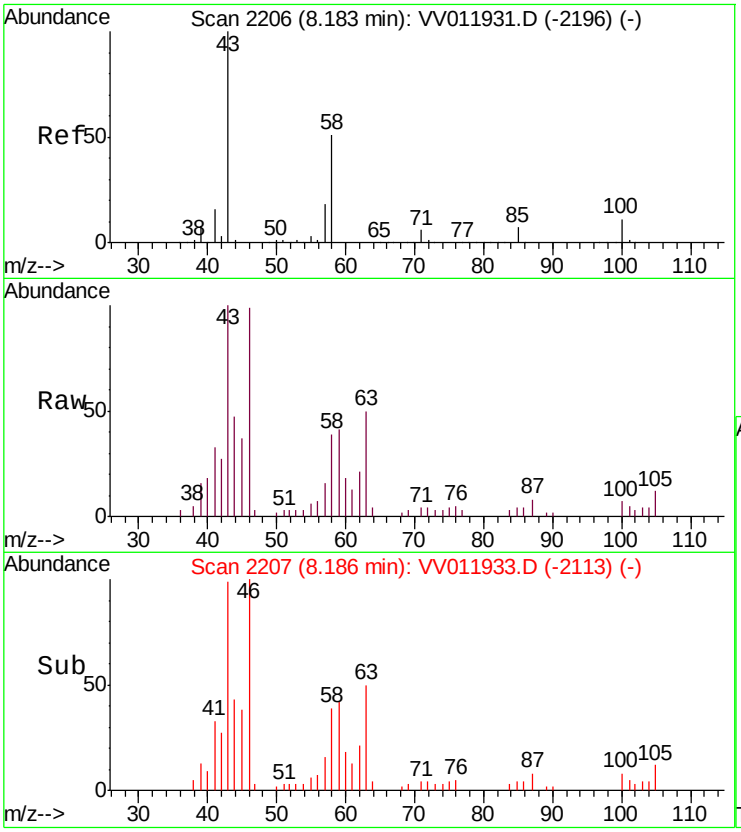


#44
trans-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011933.D
Acq: 18 Jul 2019 14:58

Tgt Ion: 75 Resp: 1374

Ion	Ratio	Lower	Upper
75	100		
77	42.3	22.3	41.3#



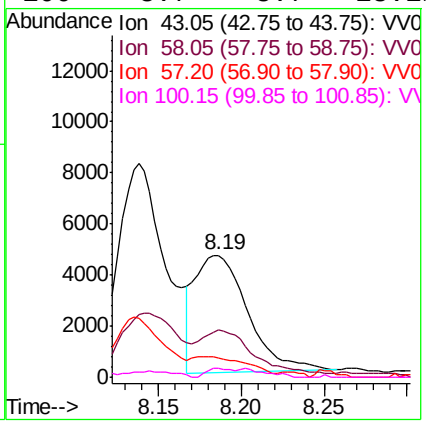


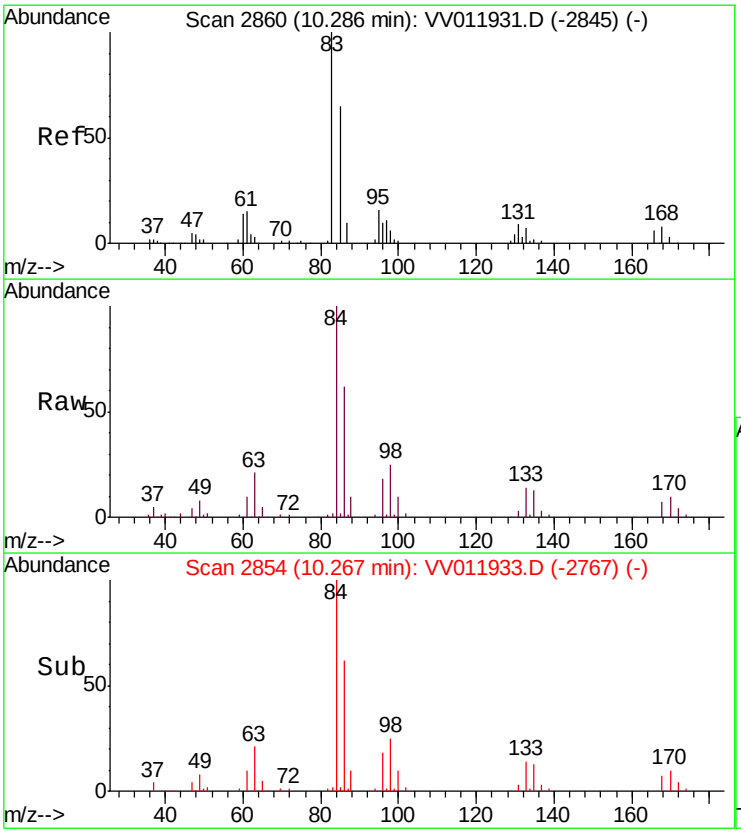
#48
2-Hexanone
Concen: 2.058 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV011933.D
Acq: 18 Jul 2019 14:58

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 43 Resp: 10224

Ion	Ratio	Lower	Upper
43	100		
58	37.4	41.1	61.7#
57	18.4	14.3	21.5
100	3.7	8.7	13.1#





#58
1,1,2,2-Tetrachloroethane
Concen: 0.062 ug/L
RT: 10.27 min Scan# 2854
Delta R.T. -0.02 min
Lab File: VV011933.D
Acq: 18 Jul 2019 14:58

Tgt Ion: 83 Resp: 460

Ion	Ratio	Lower	Upper
83	100		
85	102.9	44.9	83.3#
131	157.1	8.2	12.2#