Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111219\

Quantitation Report (Not Reviewed)

Data File : VV013592.D
Acq On : 12 Nov 2019 16:30
Operator : SY/MD
Sample : K5743-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Nov 13 04:31:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 13 04:27:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.69	114	390770	5.00	ug/L	0.04
28) Chlorobenzene-d5	8.91	117	369029	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.30	152	165421	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.34	65	66895	4.06	ug/L	0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.20%			
7) Chloroethane-d5	1.60	69	71716	4.90	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.15	63	90972	2.79	ug/L	0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.80%#			
20) 2-Butanone-d5	4.03	46	298481	50.55	ug/L	0.09
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.10%			
24) Chloroform-d	4.42	84	188458	4.41	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.10	65	96557	4.32	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
32) Benzene-d6	5.11	84	320082	4.28	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
36) 1,2-Dichloropropane-d6	6.17	67	135511	5.38	ug/L	0.05
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.60%			
41) Toluene-d8	7.40	98	266072	4.12	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	7.69	79	46031	4.75	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.16	63	252462	65.01	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 130.02%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120974	6.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 120.40%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	147524	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
16) Methylene chloride	2.57	84	3260	0.106	ug/L	95
25) Chloroform	4.45	83	20208	0.341	ug/L	92
34) Trichloroethene	5.69	95	11783	0.381	ug/L #	3
35) Methylcyclohexane	6.17	83	34319	0.730	ug/L #	18
37) 1,2-Dichloropropane	6.16	63	14421	0.511	ug/L #	86
44) trans-1,3-Dichloropropene	7.69	75	1985	0.064	ug/L #	62
48) 2-Hexanone	8.16	43	36328	3.163	ug/L #	66

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

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Quant Time: Nov 13 04:31:28 2019
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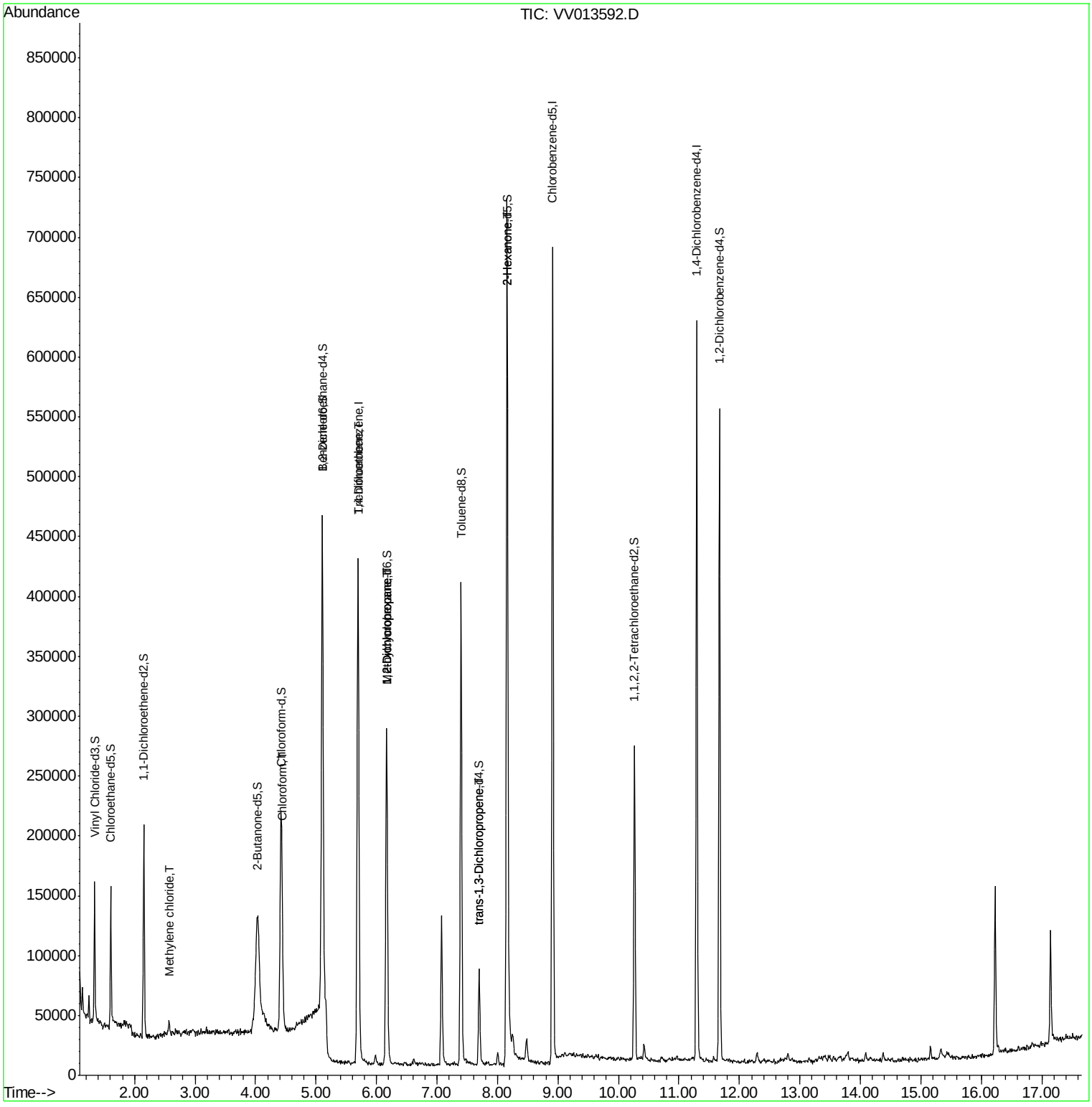
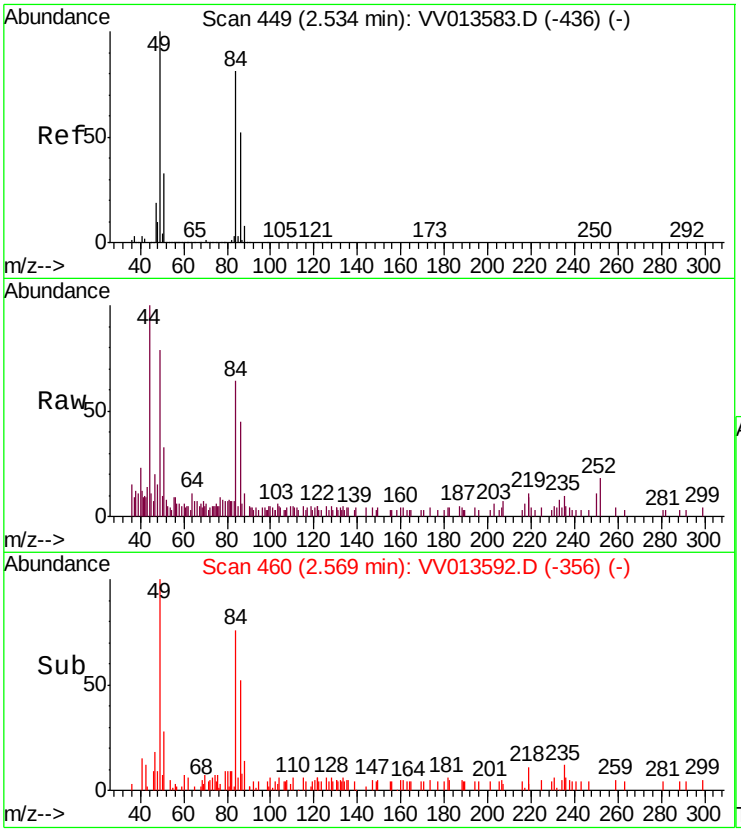
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 13 04:27:44 2019
Response via : Initial Calibration



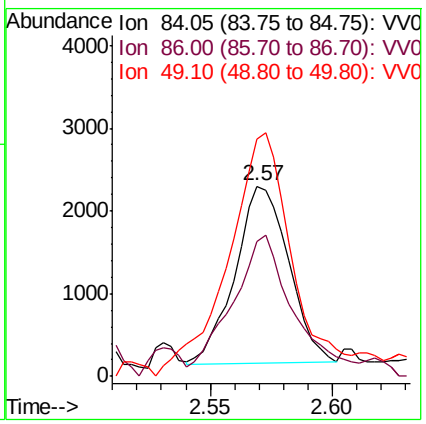


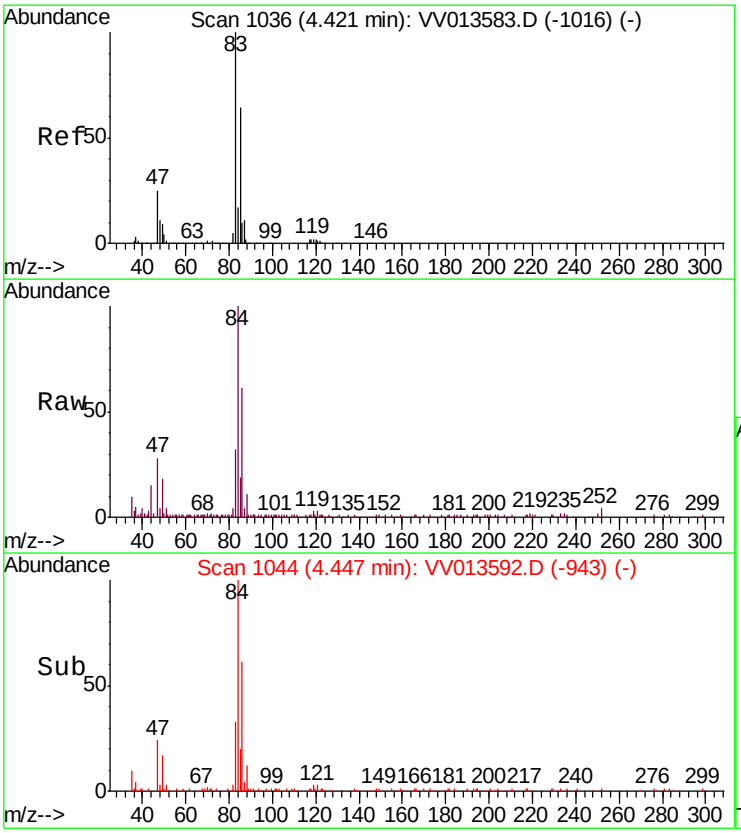
#16
Methylene chloride
Concen: 0.106 ug/L
RT: 2.57 min Scan# 460
Delta R.T. 0.04 min
Lab File: VV013592.D
Acq: 12 Nov 2019 16:30

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 3260

Ion	Ratio	Lower	Upper
84	100		
86	70.7	44.2	82.2
49	124.4	88.8	164.8

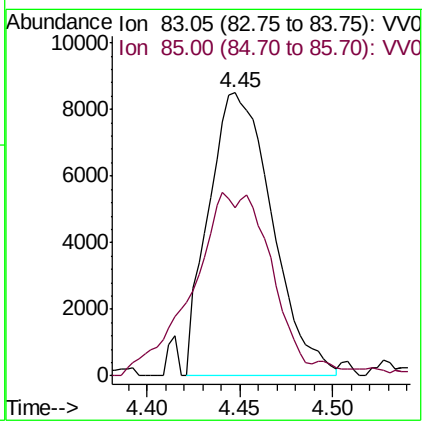


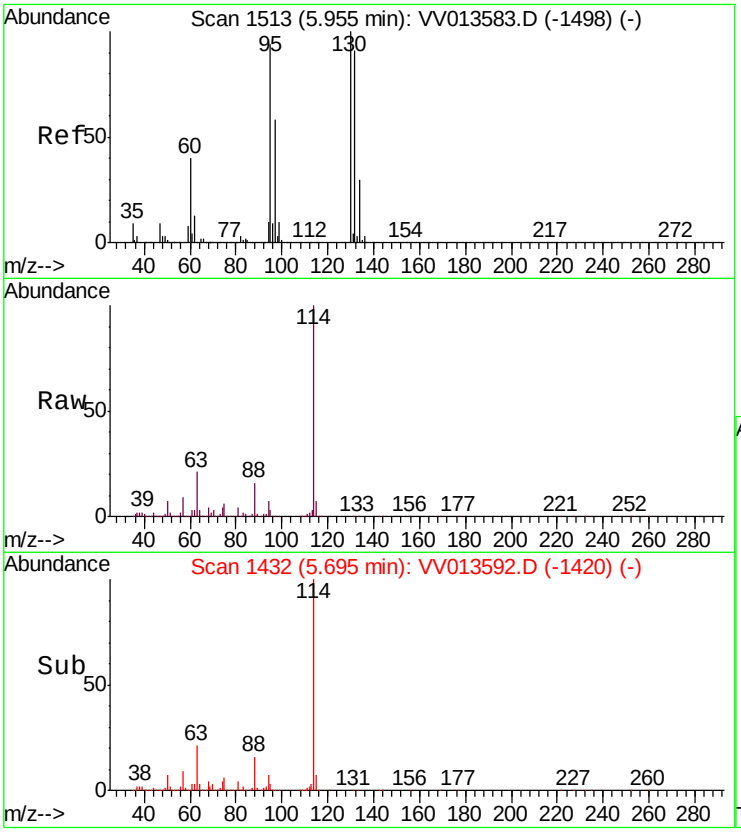


#25
Chloroform
Concen: 0.341 ug/L
RT: 4.45 min Scan# 1044
Delta R.T. 0.03 min
Lab File: VV013592.D
Acq: 12 Nov 2019 16:30

Tgt Ion: 83 Resp: 20208

Ion	Ratio	Lower	Upper
83	100		
85	59.6	46.3	86.1



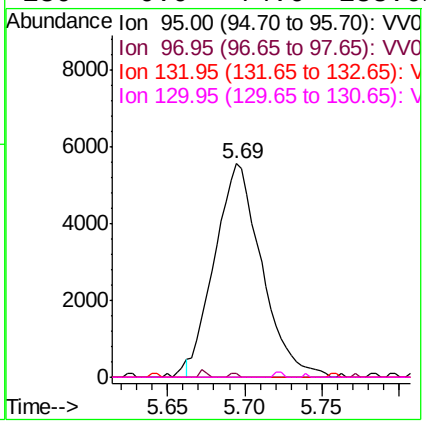


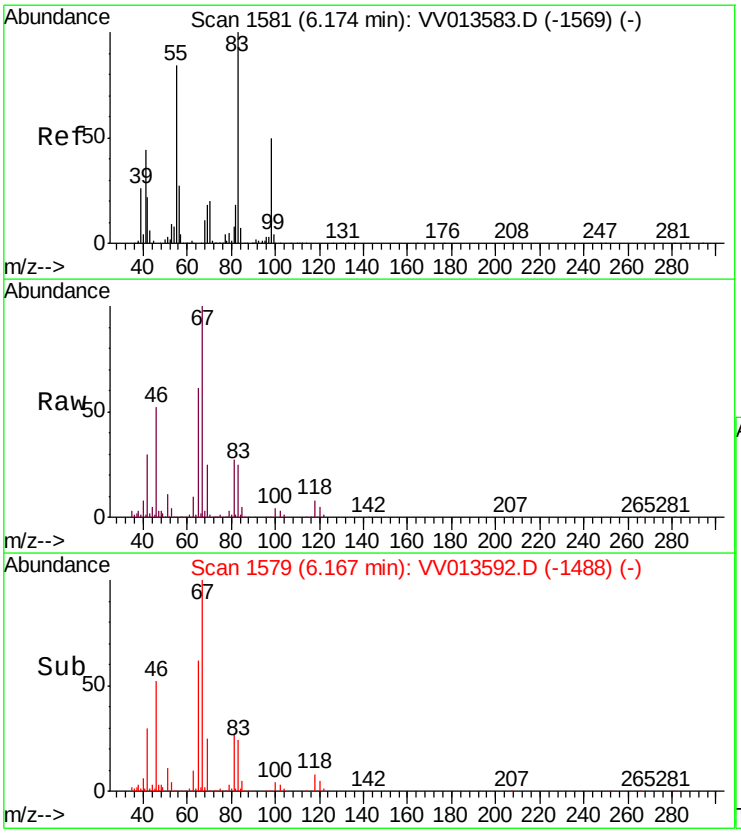
#34
Trichloroethene
Concen: 0.381 ug/L
RT: 5.69 min Scan# 1432
Delta R.T. -0.26 min
Lab File: VV013592.D
Acq: 12 Nov 2019 16:30

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 95 Resp: 11783

Ion	Ratio	Lower	Upper
95	100		
97	1.8	44.7	83.1#
132	0.0	71.6	133.0#
130	0.0	74.6	138.6#

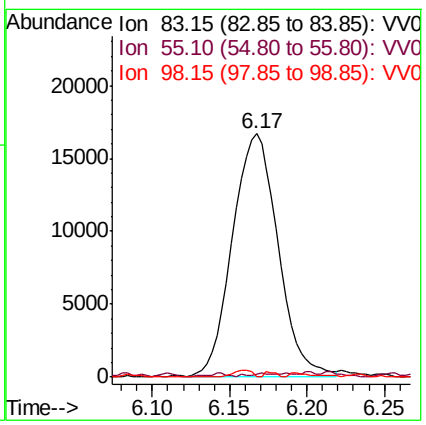


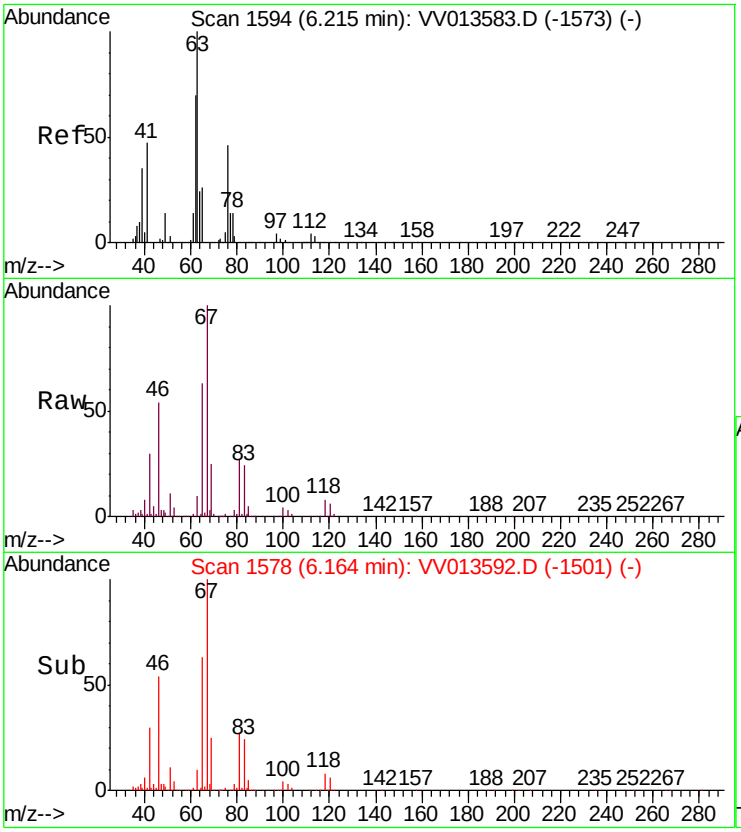


#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VV013592.D
Acq: 12 Nov 2019 16:30

Tgt Ion: 83 Resp: 34319

Ion	Ratio	Lower	Upper
83	100		
55	0.8	63.8	95.8#
98	0.6	38.4	57.6#



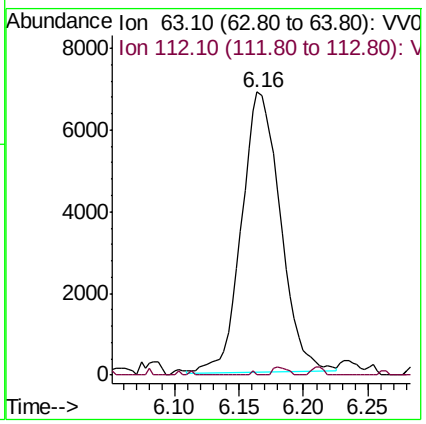


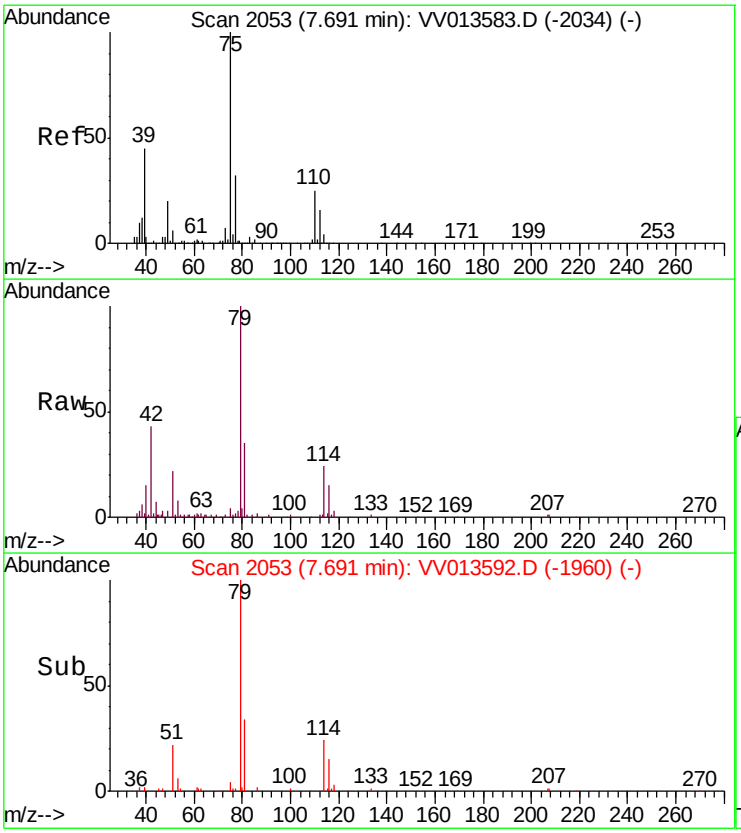
#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.05 min
Lab File: VV013592.D
Acq: 12 Nov 2019 16:30

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 63 Resp: 14421

Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.8	5.6#

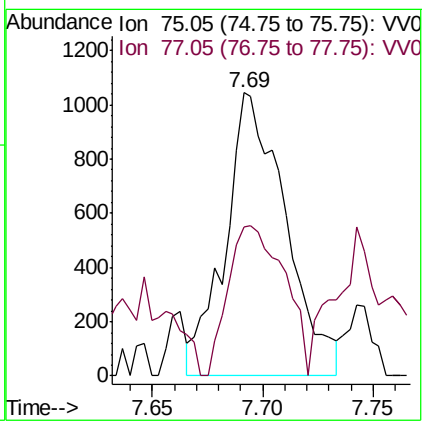


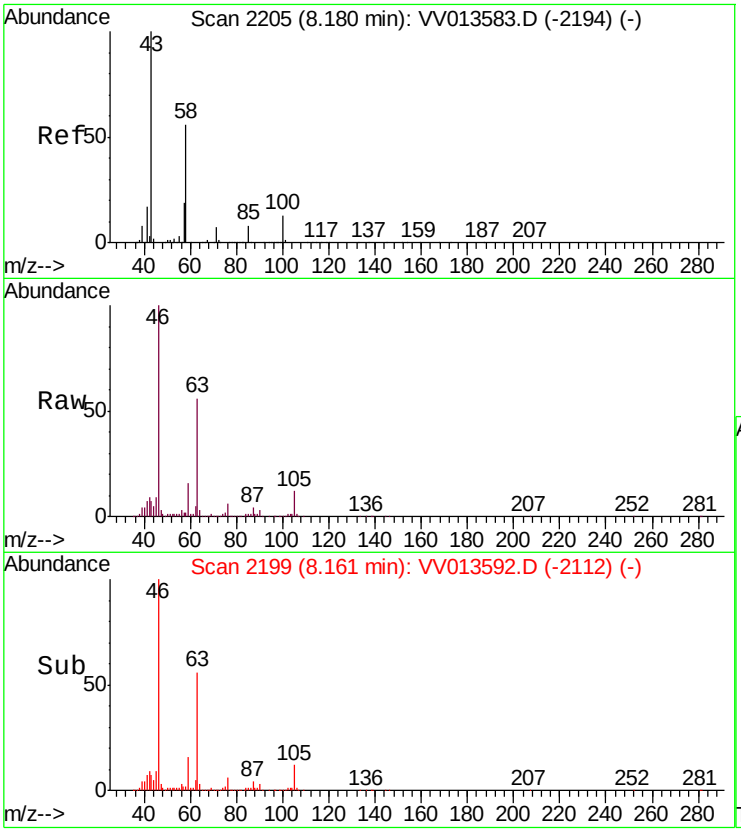


#44
trans-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VV013592.D
Acq: 12 Nov 2019 16:30

Tgt Ion: 75 Resp: 1985

Ion	Ratio	Lower	Upper
75	100		
77	52.7	22.2	41.2#





#48
2-Hexanone
Concen: 3.163 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. -0.02 min
Lab File: VV013592.D
Acq: 12 Nov 2019 16:30

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 36328

Ion	Ratio	Lower	Upper
43	100		
58	28.2	43.8	65.8#
57	33.1	15.0	22.6#
100	2.7	9.8	14.6#