Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082119\

Quantitation Report (Not Reviewed)

Data File : VV012322.D
Acq On : 21 Aug 2019 19:07
Operator : SY/MD
Sample : VV0821WBL01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK66

Quant Time: Aug 22 03:51:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	225708	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	207732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	102119	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50447	47.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.42%			
7) Chloroethane-d5	1.58	69	38223	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.78%			
11) 1,1-Dichloroethene-d2	2.13	63	80680	38.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.70%			
21) 2-Butanone-d5	3.93	46	63783	76.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.58%			
24) Chloroform-d	4.40	84	141673	46.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.28%			
26) 1,2-Dichloroethane-d4	5.08	65	107821	51.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.96%			
32) Benzene-d6	5.10	84	283764	51.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.44%			
36) 1,2-Dichloropropane-d6	6.12	67	76619	51.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.30%			
41) Toluene-d8	7.36	98	272712	50.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.02%			
43) trans-1,3-Dichloropropene-	7.66	79	46171	50.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.08%			
47) 2-Hexanone-d5	8.13	63	59679	96.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.53%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	106770	50.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.08%			
64) 1,2-Dichlorobenzene-d4	11.67	152	115247	51.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.68%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	848	0.853	ug/L #	23
14) Carbon disulfide	2.32	76	2412	0.706	ug/L #	93
25) Chloroform	4.42	83	10365	3.639	ug/L	97
39) cis-1,3-Dichloropropene	7.03	75	2821	1.280	ug/L #	56
44) trans-1,3-Dichloropropene	7.66	75	2291	1.091	ug/L	91
48) 2-Hexanone	8.18	43	3357	2.786	ug/L #	49
69) Naphthalene	13.56	128	3573	0.674	ug/L #	90

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

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Quantitation Report (Not Reviewed)

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Misc : 5mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
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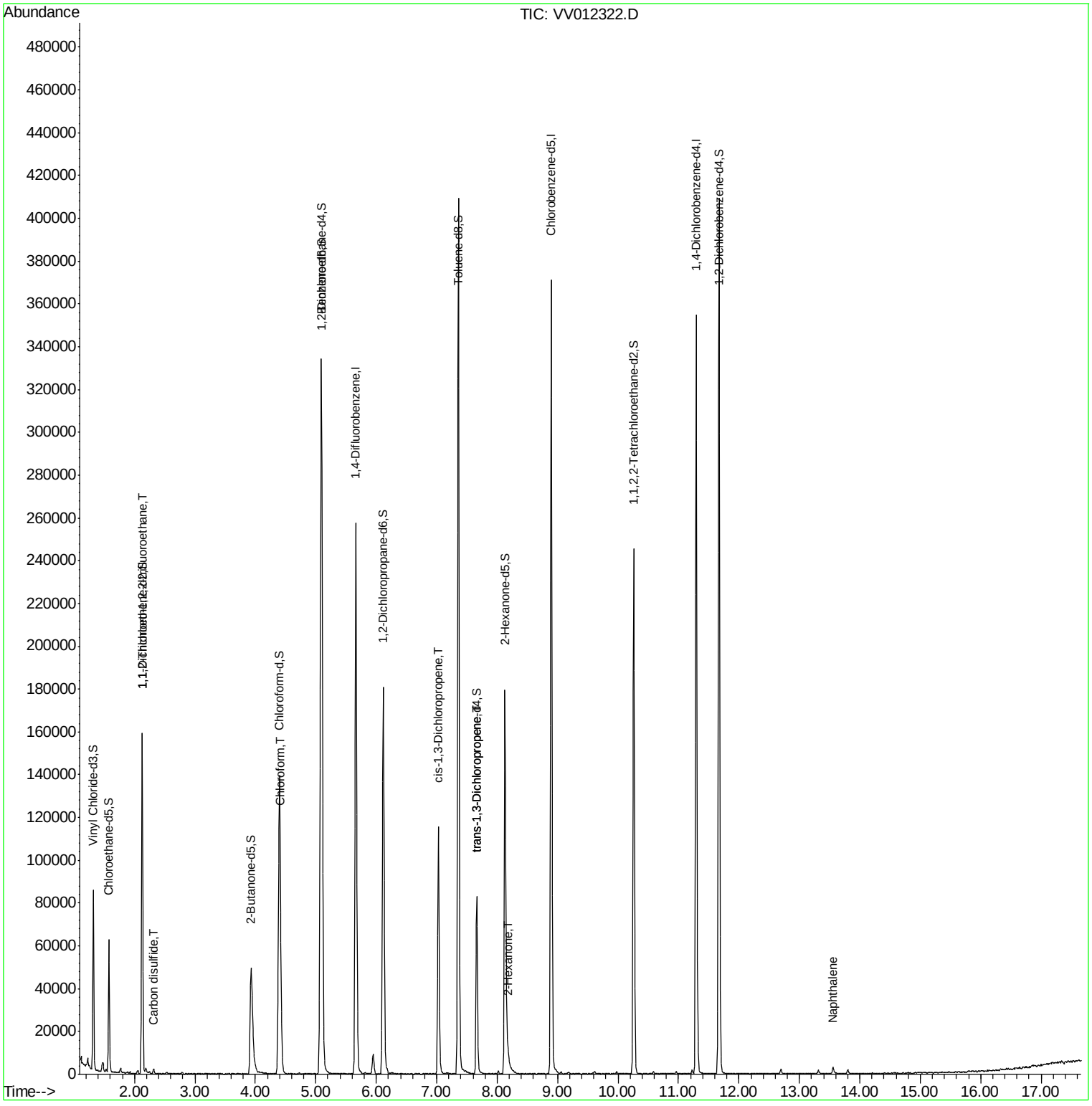
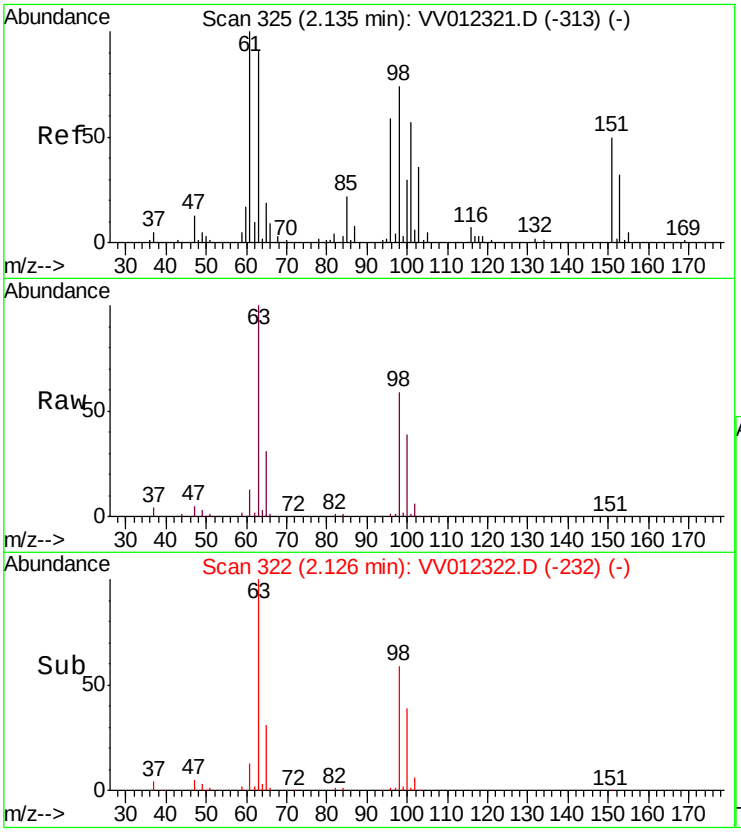
Quant Time: Aug 22 03:51:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration



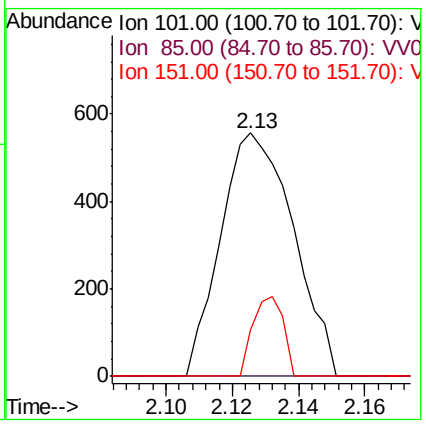


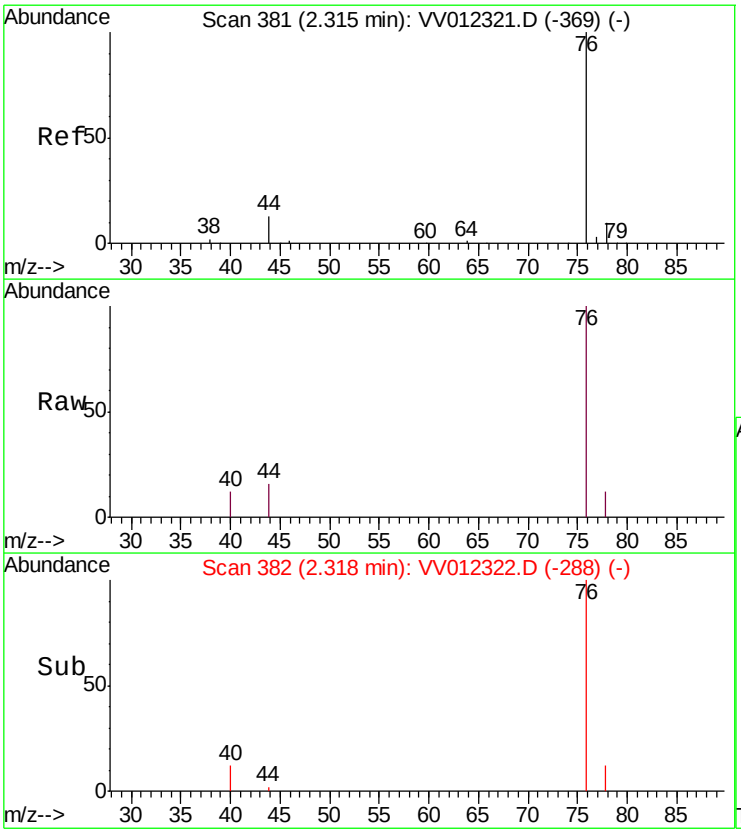
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.853 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012322.D
Acq: 21 Aug 2019 19:07

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Tgt Ion:101 Resp: 848

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.7	50.5#
151	13.6	73.0	109.6#

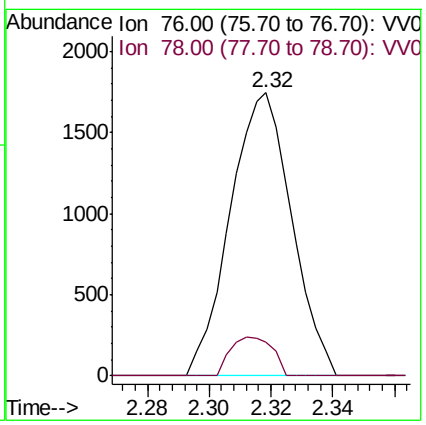


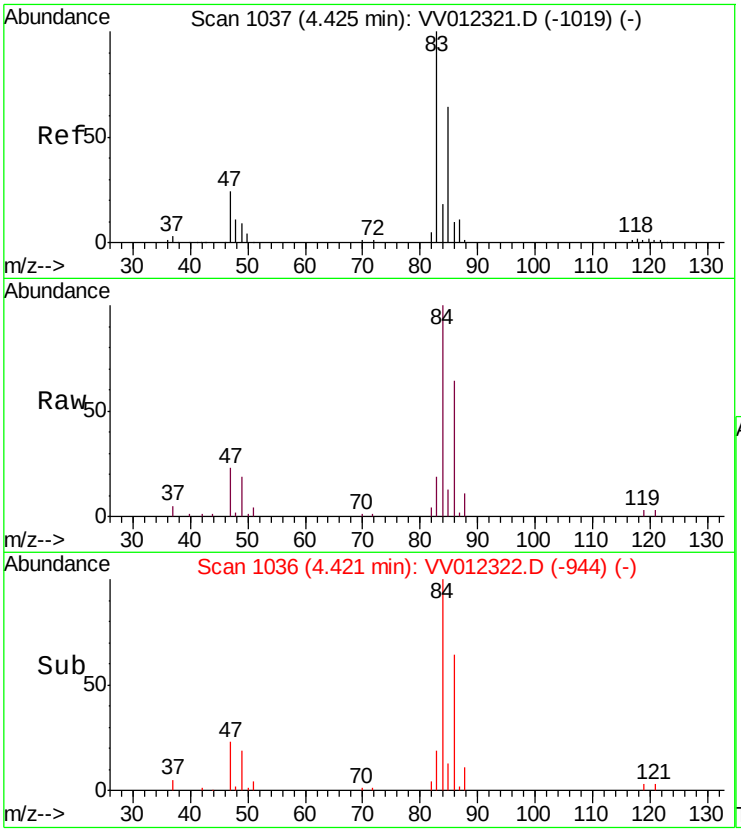


#14
Carbon disulfide
Concen: 0.706 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV012322.D
Acq: 21 Aug 2019 19:07

Tgt Ion: 76 Resp: 2412

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.6	11.4#



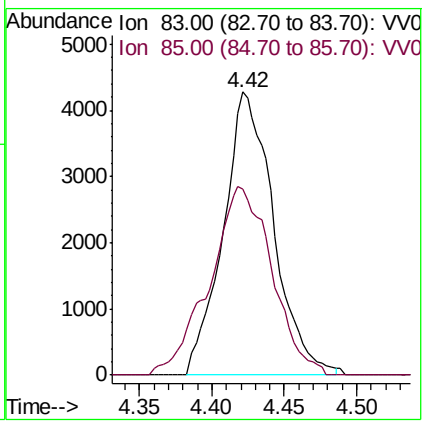


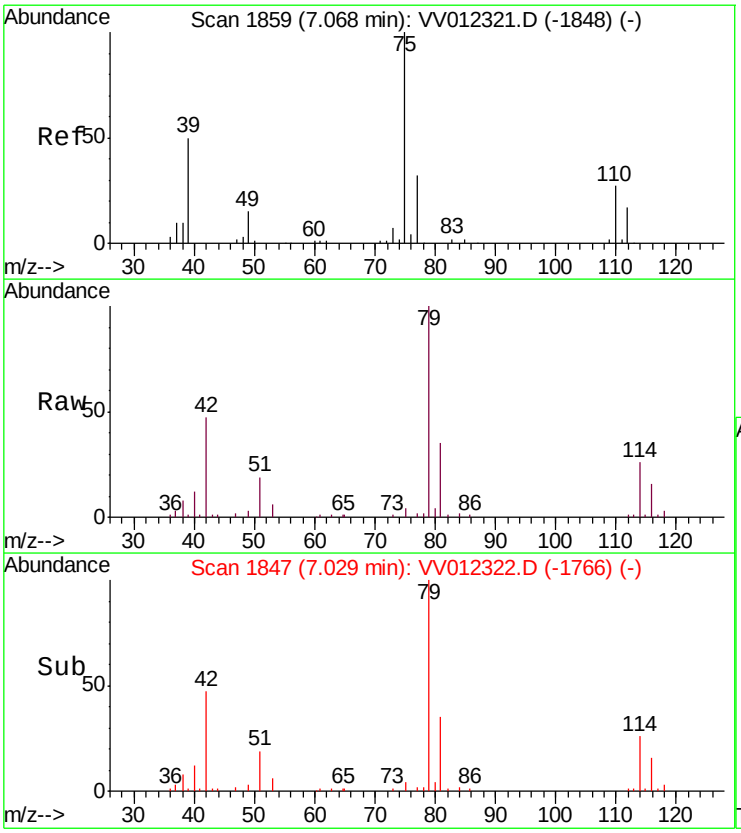
#25
Chloroform
Concen: 3.639 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012322.D
Acq: 21 Aug 2019 19:07

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Tgt Ion: 83 Resp: 10365

Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.5	82.7

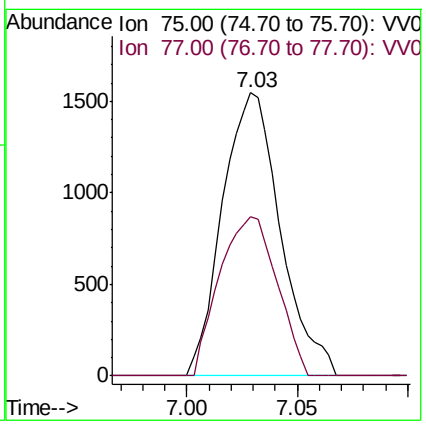


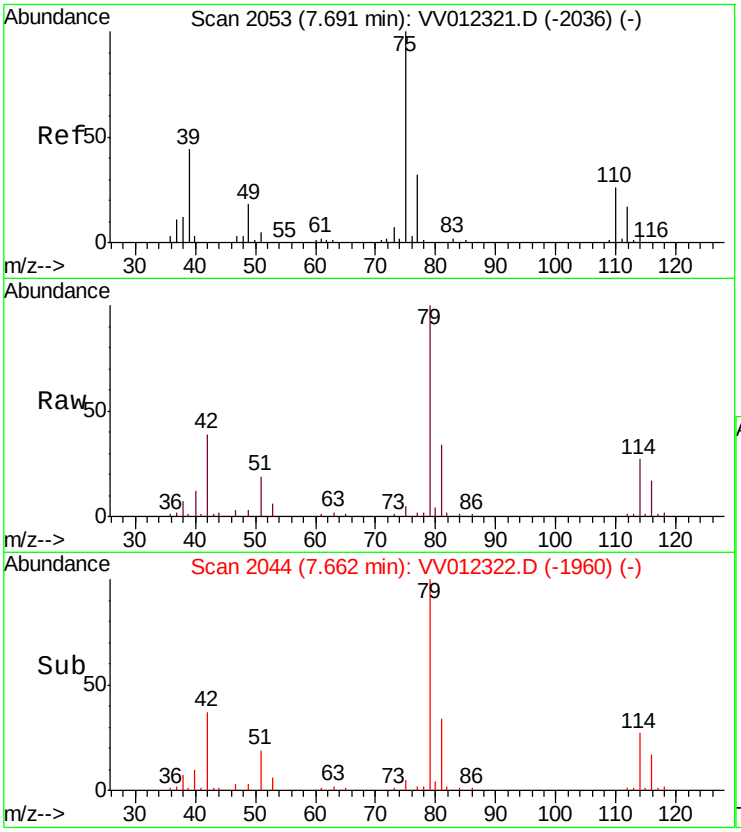


#39
cis-1,3-Dichloropropene
Concen: 1.280 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012322.D
Acq: 21 Aug 2019 19:07

Tgt Ion: 75 Resp: 2821

Ion	Ratio	Lower	Upper
75	100		
77	56.4	22.5	41.7#



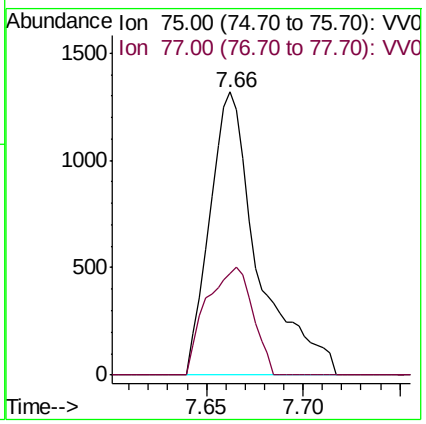


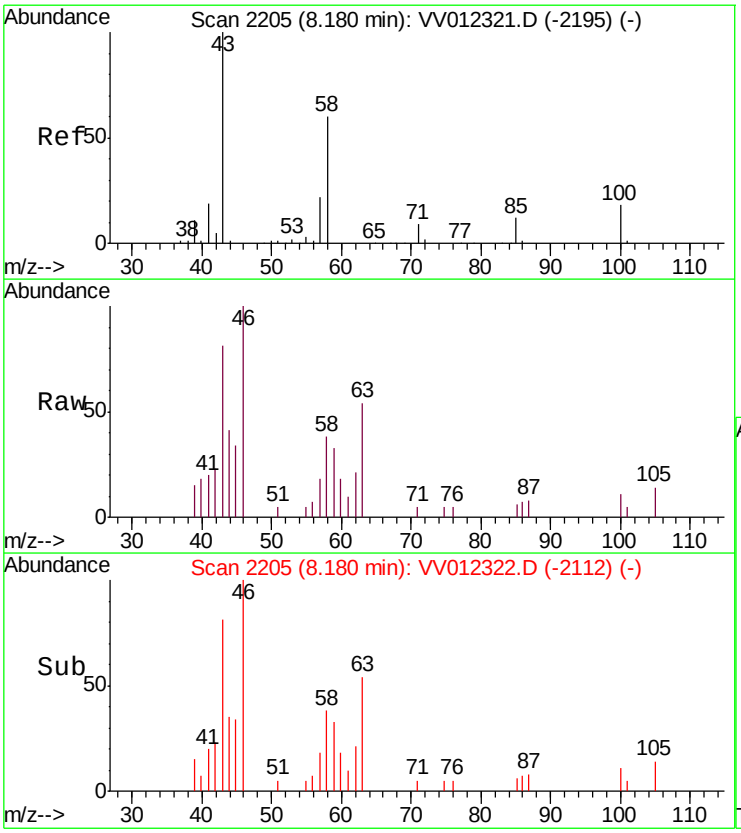
#44
trans-1,3-Dichloropropene
Concen: 1.091 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012322.D
Acq: 21 Aug 2019 19:07

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Tgt Ion: 75 Resp: 2291

Ion	Ratio	Lower	Upper
75	100		
77	36.1	21.7	40.3

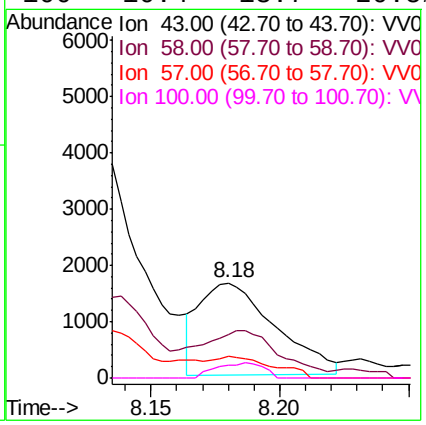


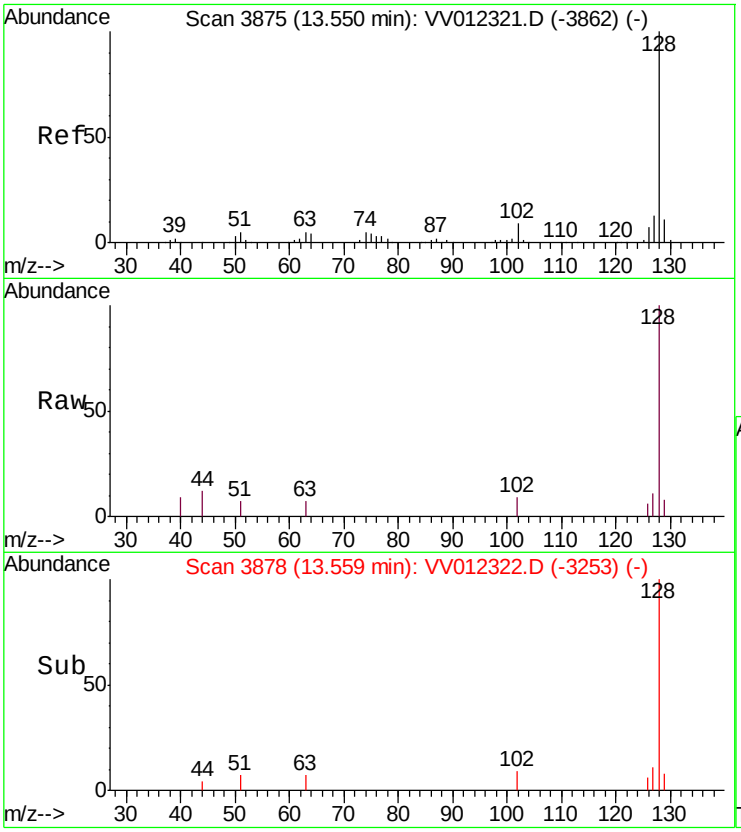


#48
2-Hexanone
Concen: 2.786 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV012322.D
Acq: 21 Aug 2019 19:07

Tgt Ion: 43 Resp: 3357

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.7	68.5#
57	16.6	16.8	25.2#
100	10.4	13.7	20.5#





#69
Naphthalene
Concen: 0.674 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV012322.D
Acq: 21 Aug 2019 19:07

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Tgt Ion:128 Resp: 3573

Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.2	15.4#
129	6.3	8.8	13.2#