Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\

Quantitation Report (Not Reviewed)

Data File : VV010973.D
Acq On : 20 May 2019 22:22
Operator : SY/MD
Sample : K2846-16
Misc : 4.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB9

Quant Time: May 21 04:08:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	101645	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100058	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37171	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22100	19.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.28%			
7) Chloroethane-d5	1.57	69	17783	22.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.68%			
10) 1,1-Dichloroethene-d2	2.12	63	32455	14.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.28%			
20) 2-Butanone-d5	3.94	46	21188	52.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.98%			
24) Chloroform-d	4.40	84	54667	20.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.04%			
26) 1,2-Dichloroethane-d4	5.08	65	38702	24.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%			
29) Benzene-d6	5.10	84	127765	23.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.56%			
33) 1,2-Dichloropropane-d6	6.12	67	43601	25.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.48%			
37) Toluene-d8	7.36	98	106884	21.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.20%			
38) trans-1,3-Dichloropropene-	7.66	79	13054	18.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.28%			
39) 2-Hexanone-d5	8.13	63	18100	55.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.82%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41498	23.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.80%			
61) 1,2-Dichlorobenzene-d4	11.67	152	38851	25.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.96%			
Target Compounds						Qvalue
6) Bromomethane	1.52	94	345	0.725	ug/L	97
13) Acetone	2.19	43	2848	7.386	ug/L	97
14) Carbon disulfide	2.31	76	6070	2.021	ug/L	99
16) Methylene chloride	2.53	84	5356	3.070	ug/L	92
25) Chloroform	4.42	83	13651	4.478	ug/L	99
35) Trichloroethene	5.66	95	3010	1.889	ug/L #	6
36) Methylcyclohexane	6.12	83	10287	4.366	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	4331	2.857	ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	4359	3.489	ug/L	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\

Quantitation Report (Not Reviewed)

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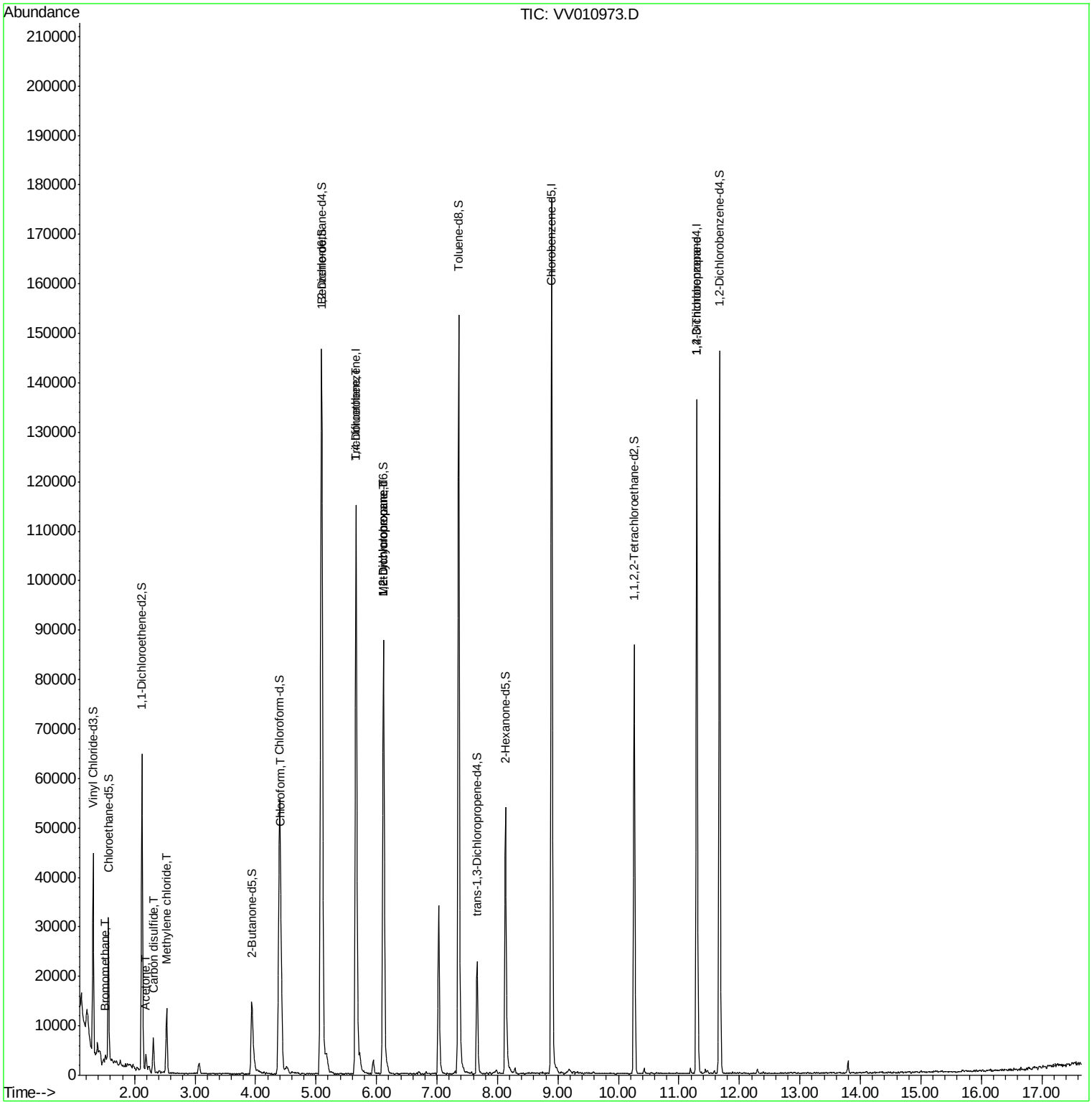
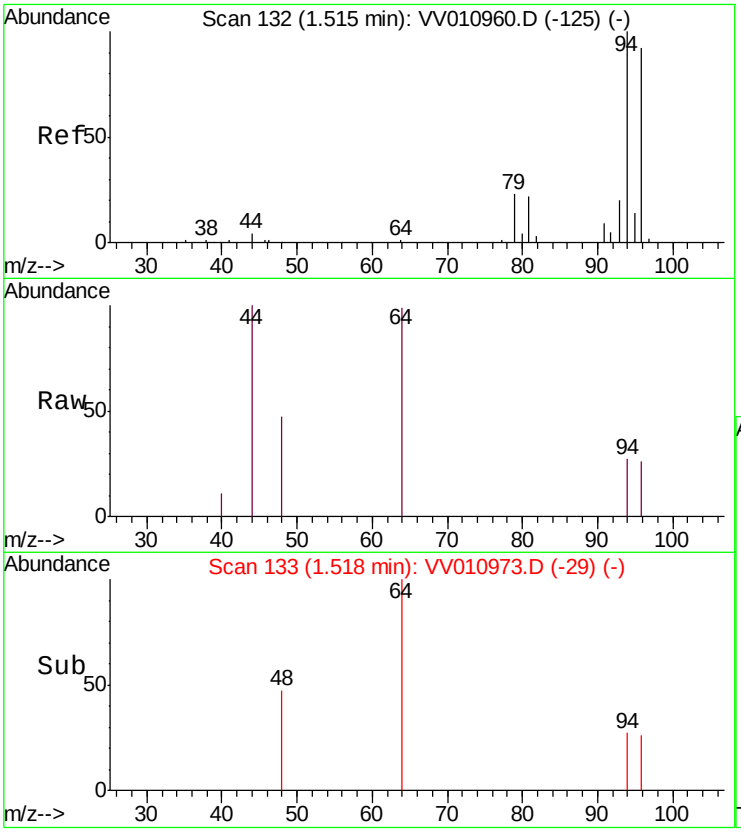
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB9

Quant Time: May 21 04:08:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration



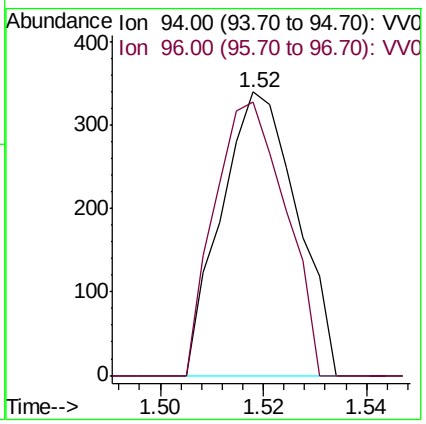


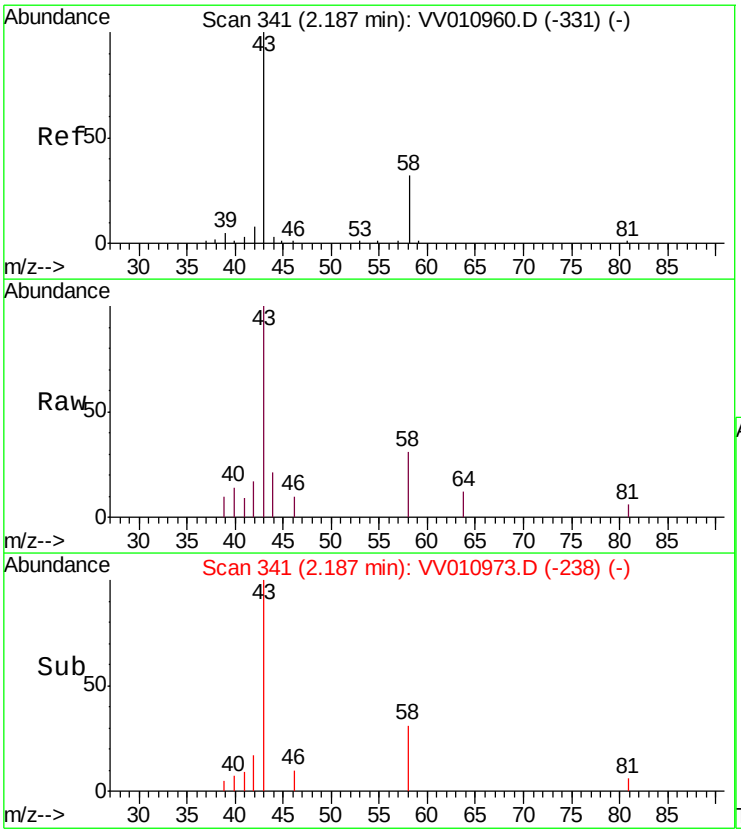
#6
Bromomethane
Concen: 0.725 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.00 min
Lab File: VV010973.D
Acq: 20 May 2019 22:22

Instrument :
MSVOA_V
ClientSampleId :
BFHB9

Tgt Ion: 94 Resp: 345

Ion	Ratio	Lower	Upper
94	100		
96	90.7	9.3	177.7

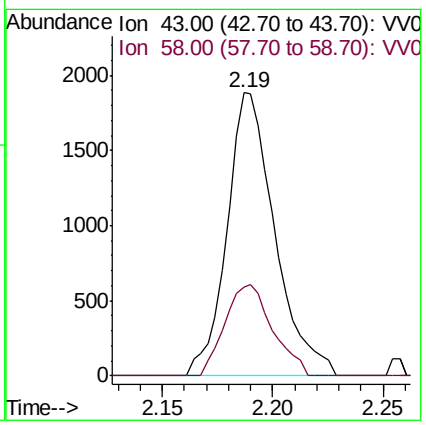


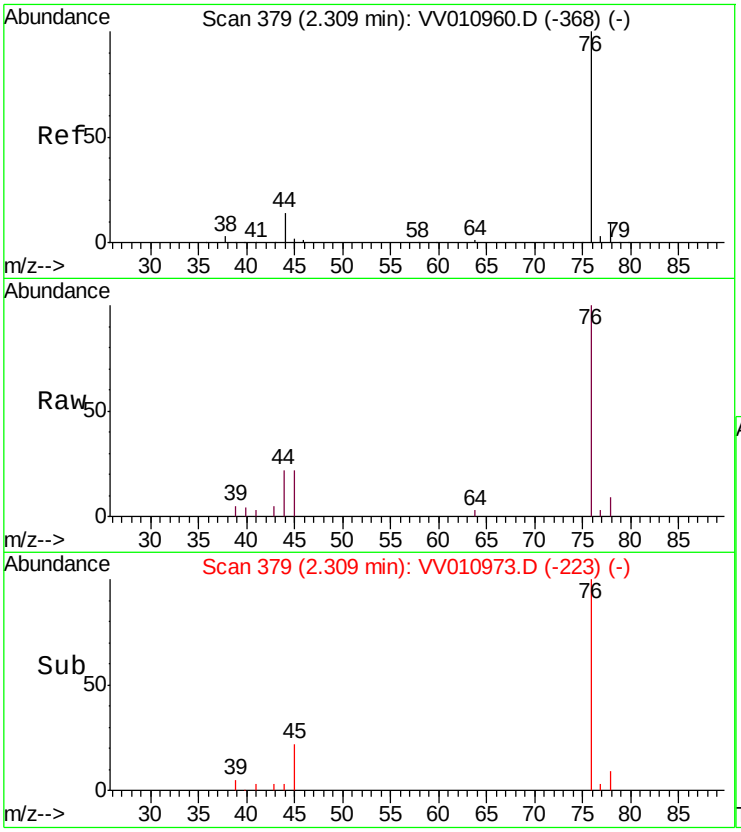


#13
Acetone
Concen: 7.386 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010973.D
Acq: 20 May 2019 22:22

Tgt Ion: 43 Resp: 2848

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	60.8



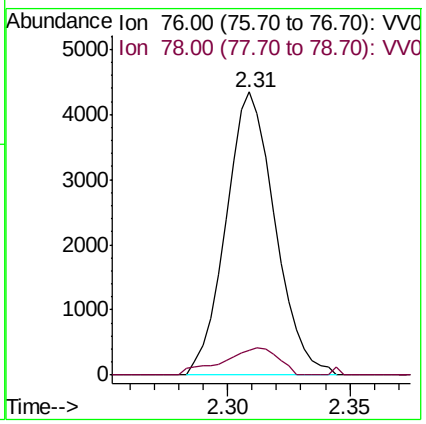


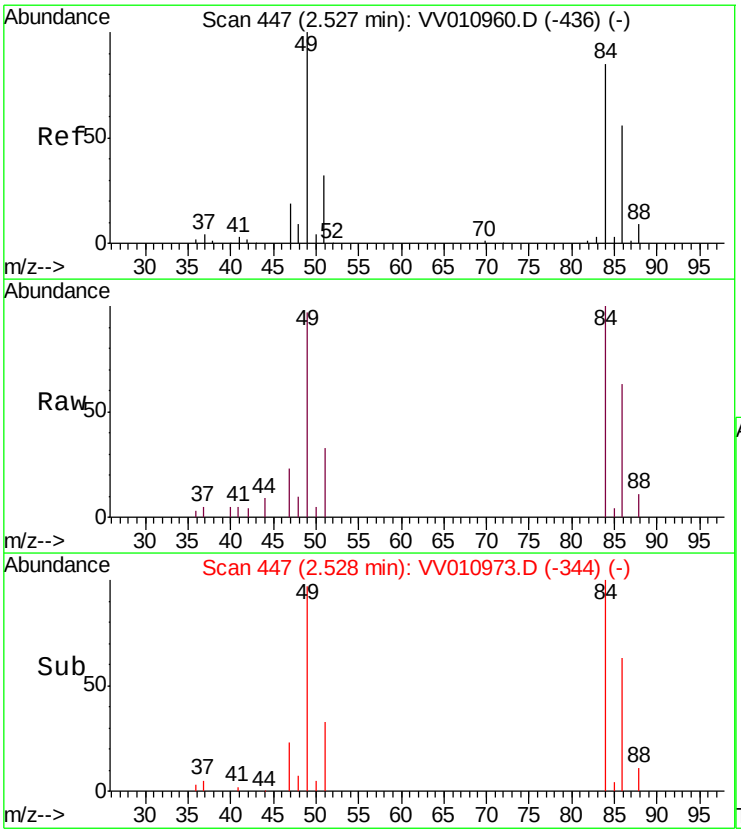
#14
Carbon disulfide
Concen: 2.021 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV010973.D
Acq: 20 May 2019 22:22

Instrument :
MSVOA_V
ClientSampleId :
BFHB9

Tgt Ion: 76 Resp: 6070

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

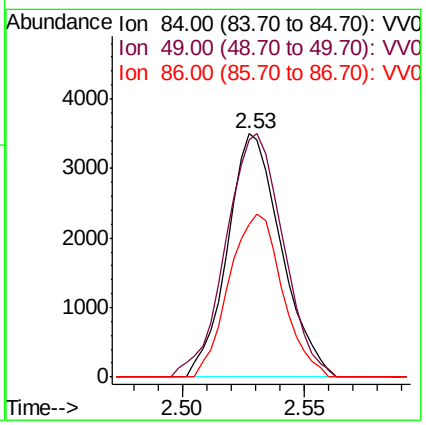


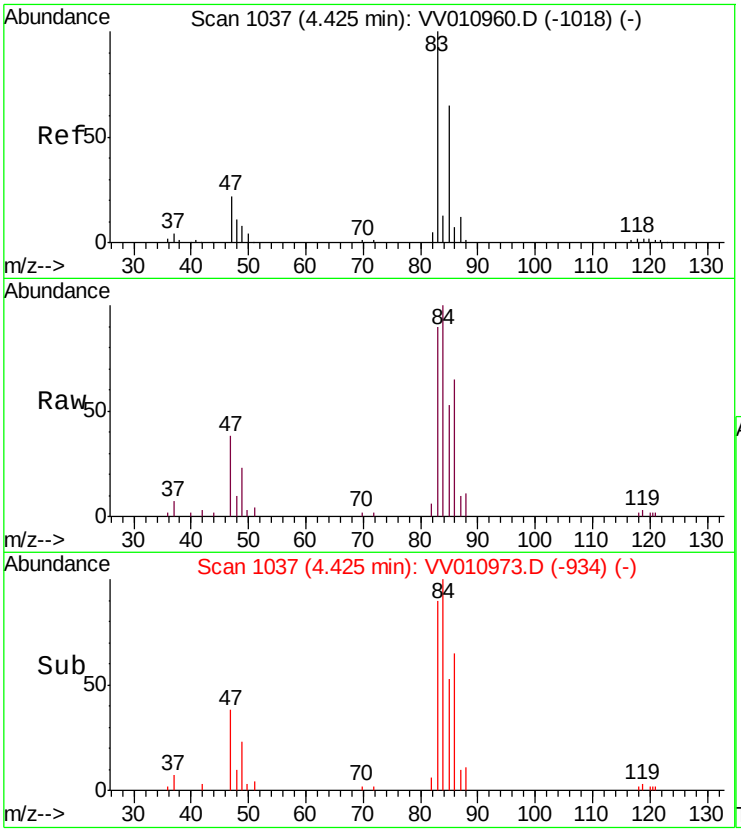


#16
Methylene chloride
Concen: 3.070 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV010973.D
Acq: 20 May 2019 22:22

Tgt Ion: 84 Resp: 5356

Ion	Ratio	Lower	Upper
84	100		
49	97.3	77.4	143.8
86	62.7	44.0	81.6



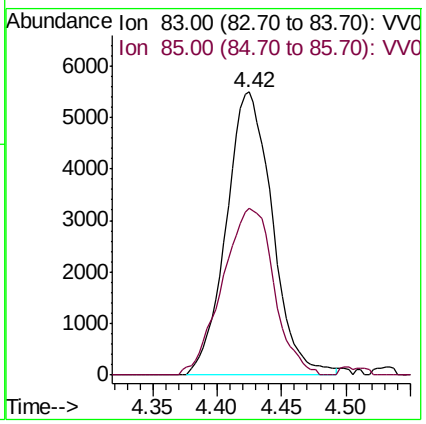


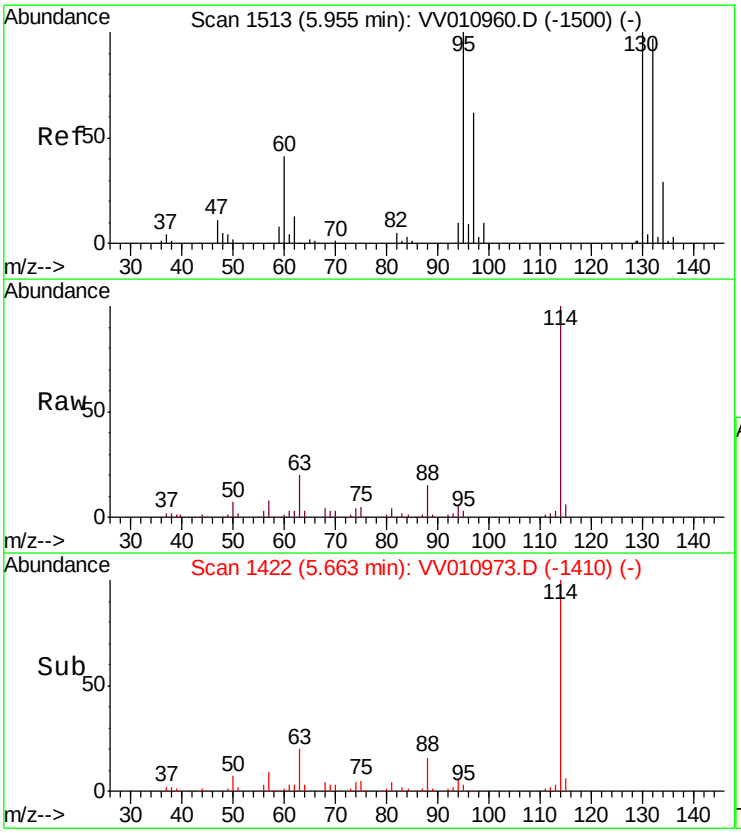
#25
Chloroform
Concen: 4.478 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010973.D
Acq: 20 May 2019 22:22

Instrument : MSVOA_V
ClientSampleId : BFHB9

Tgt Ion: 83 Resp: 13651

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.6	84.8

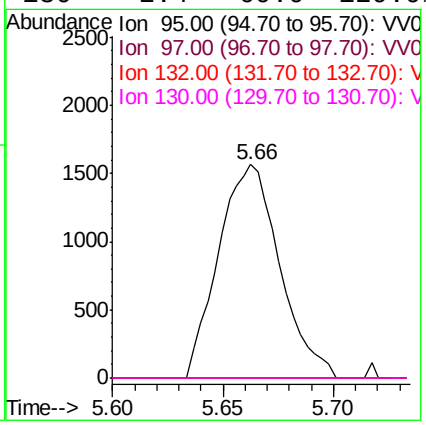


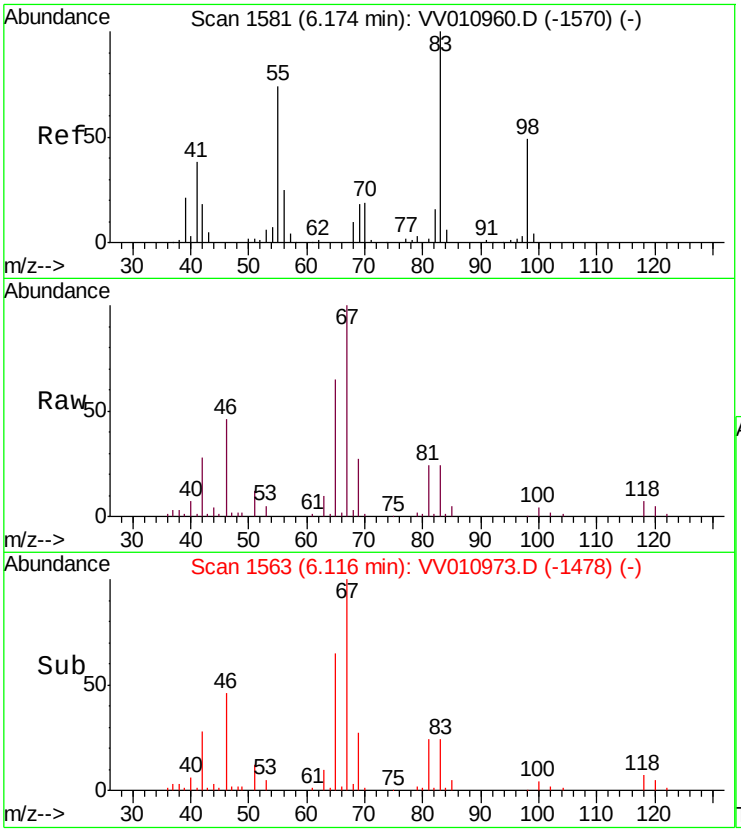


#35
Trichloroethene
Concen: 1.889 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010973.D
Acq: 20 May 2019 22:22

Tgt Ion: 95 Resp: 3010

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.4	80.6#
132	0.0	68.8	127.8#
130	2.4	69.9	129.9#



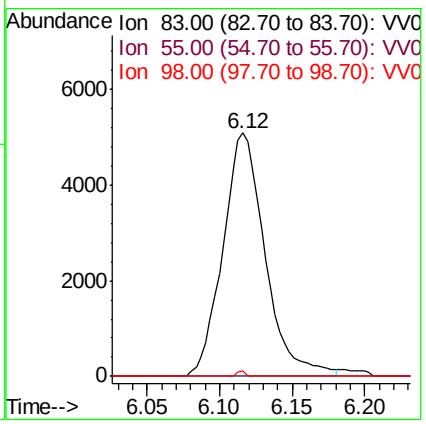


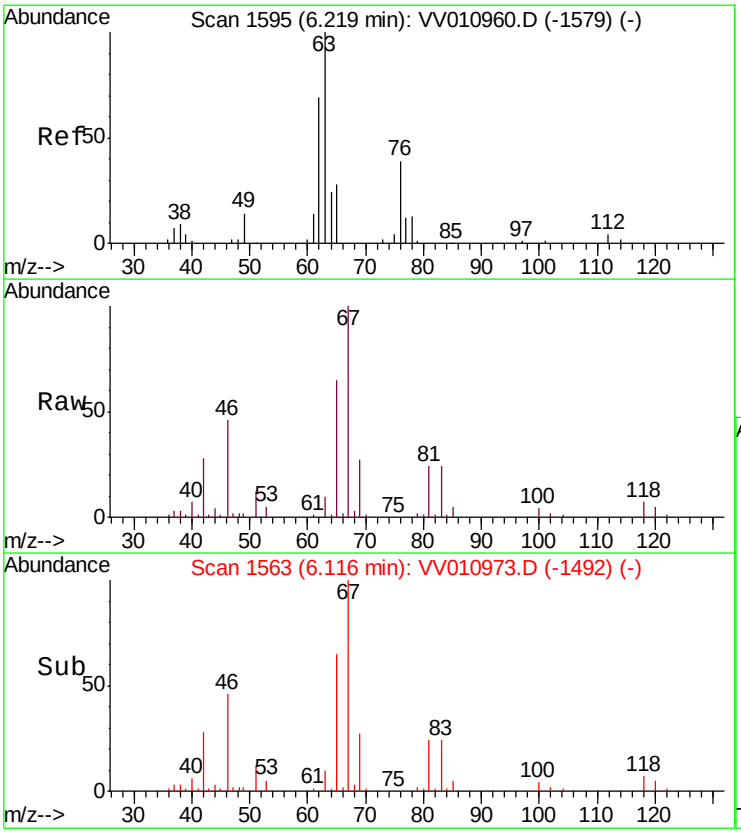
#36
Methylcyclohexane
Concen: 4.366 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010973.D
Acq: 20 May 2019 22:22

Instrument :
MSVOA_V
ClientSampleId :
BFHB9

Tgt Ion: 83 Resp: 10287

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.0	85.4#
98	0.4	36.2	54.4#

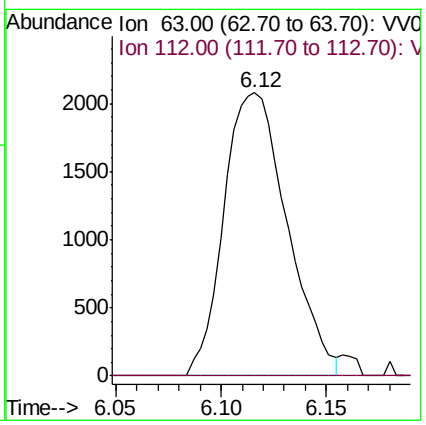


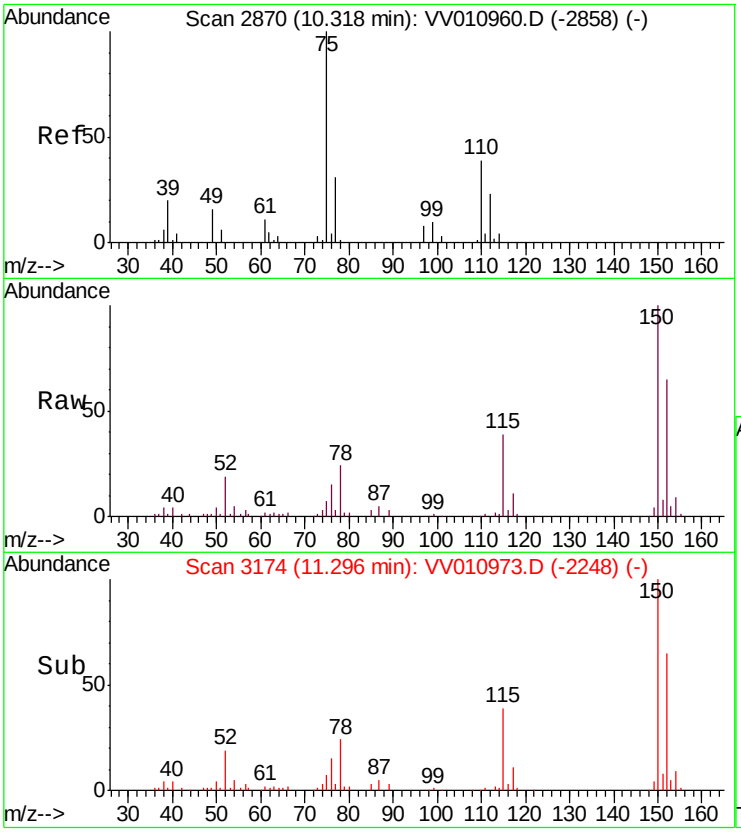


#40
1,2-Dichloropropane
Concen: 2.857 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010973.D
Acq: 20 May 2019 22:22

Tgt Ion: 63 Resp: 4331

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 3.489 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010973.D
Acq: 20 May 2019 22:22

Instrument :
MSVOA_V
ClientSampleId :
BFHB9

Tgt Ion: 75 Resp: 4359

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.4	38.2