Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
Data File : VV007289.D
Acq On : 31 Aug 2018 09:43
Operator : SY/MD
Sample : VSTD005
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD005

Quant Time: Aug 31 23:41:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 31 23:38:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	415807	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	383431	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	153515	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	10017	3.55	ug/L		0.00
7) Chloroethane-d5	1.57	69	7723	3.52	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	15737	3.16	ug/L		0.00
21) 2-Butanone-d5	3.96	46	11653	5.44	ug/L		0.00
24) Chloroform-d	4.40	84	20381	3.65	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.09	65	12070	3.57	ug/L		0.00
32) Benzene-d6	5.10	84	35569	3.30	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.12	67	13196	3.72	ug/L		0.00
41) Toluene-d8	7.36	98	27432	2.89	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.67	79	4977	3.21	ug/L		0.00
47) 2-Hexanone-d5	8.14	63	6648	5.81	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	16917	3.57	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11320	3.56	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	3991	1.208	ug/L	#	87
3) Chloromethane	1.26	50	5764	1.484	ug/L		100
6) Bromomethane	1.53	94	2253	1.852	ug/L		91
8) Chloroethane	1.59	64	2447	1.251	ug/L		96
13) Acetone	2.20	43	5851	3.561	ug/L		98
14) Carbon disulfide	2.32	76	9850	1.261	ug/L	#	88
16) Methylene chloride	2.54	84	4401	1.513	ug/L		89
17) trans-1,2-Dichloroethene	2.79	96	3471	1.255	ug/L		91
22) 2-Butanone	4.05	43	6212	2.483	ug/L		80
23) Bromochloromethane	4.31	128	1984	1.206	ug/L		97
40) 4-Methyl-2-pentanone	7.28	43	6183	1.675	ug/L	#	95
45) 1,1,2-Trichloroethane	7.89	97	3577	1.223	ug/L		95
48) 2-Hexanone	8.20	43	4778	1.626	ug/L	#	99
61) Bromoform	9.78	173	2283	1.235	ug/L	#	96

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

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MSVOA_V
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VSTD005

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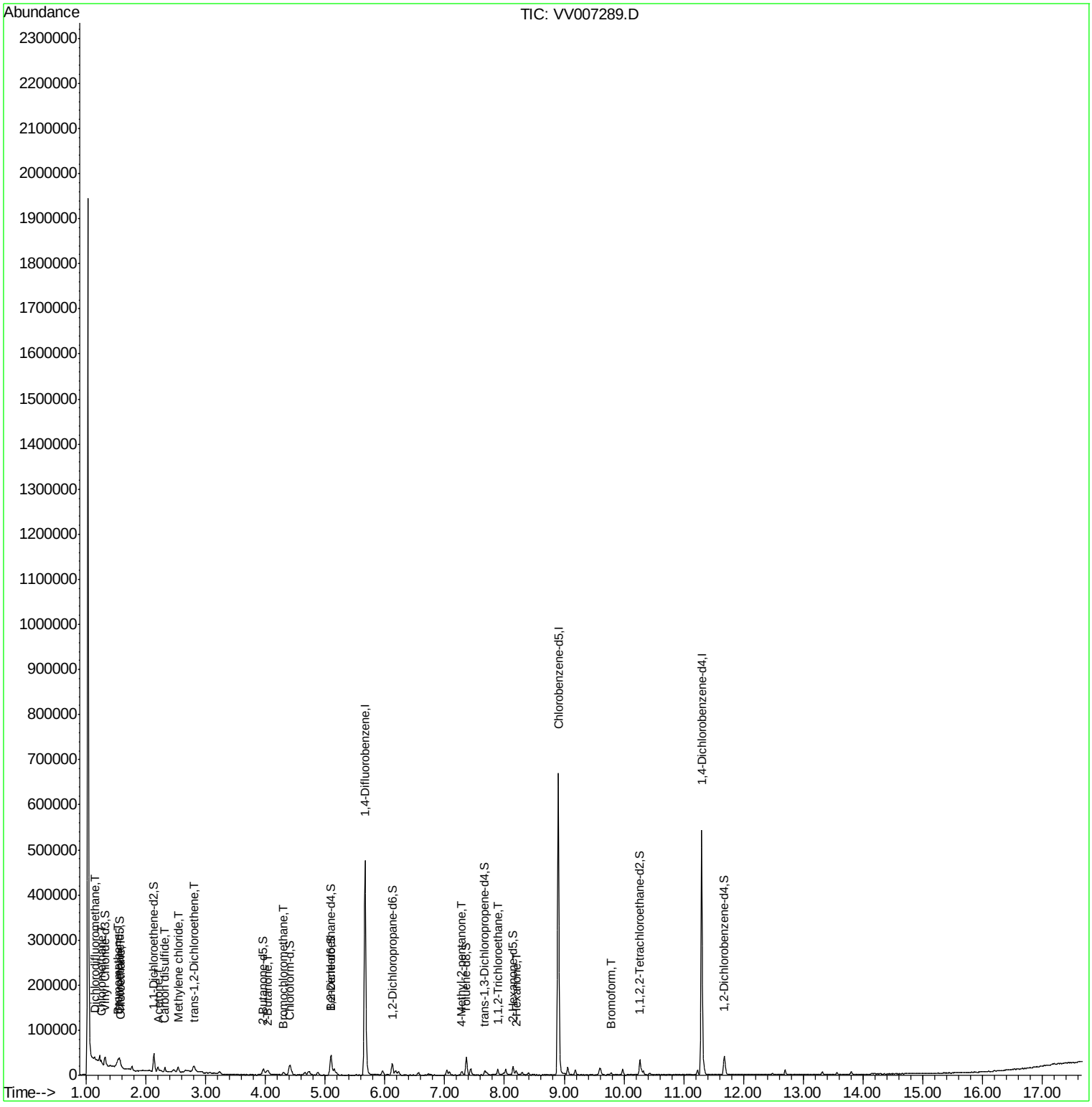
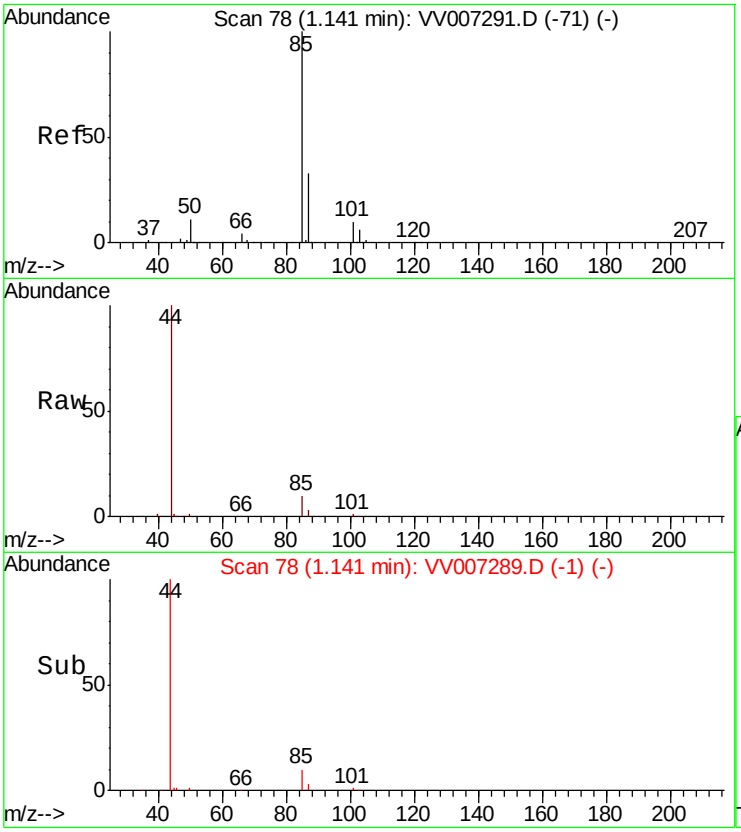


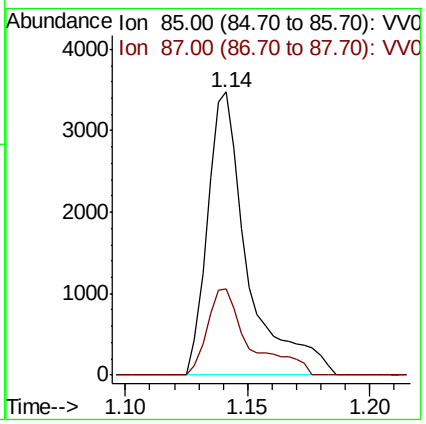


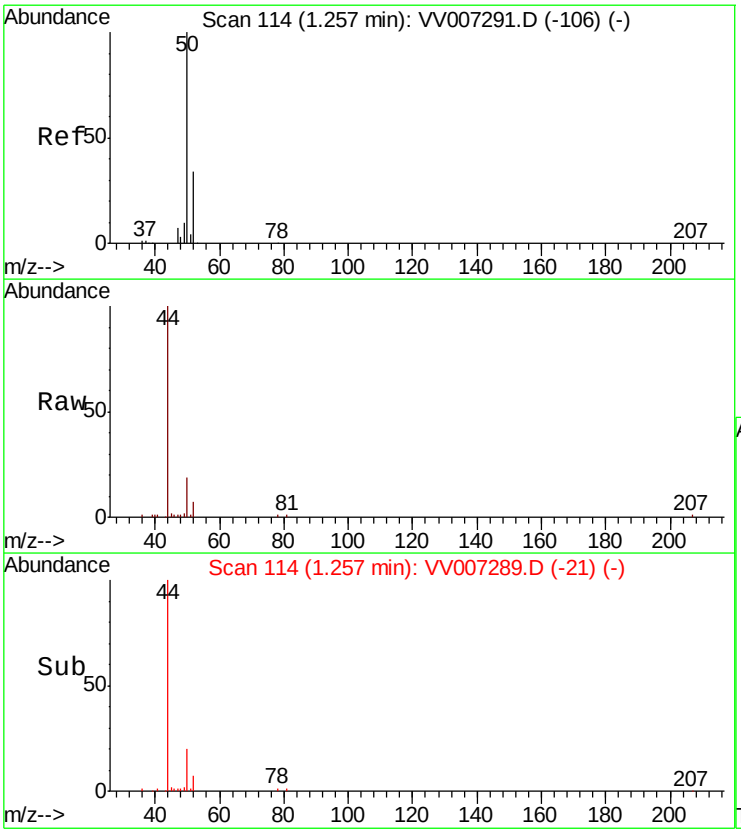
#2
Dichlorodifluoromethane
Concen: 1.208 ug/L
RT: 1.14 min Scan# 78
Delta R.T. 0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD005

Tgt Ion: 85 Resp: 3991

Ion	Ratio	Lower	Upper
85	100		
87	31.9	20.3	30.5#

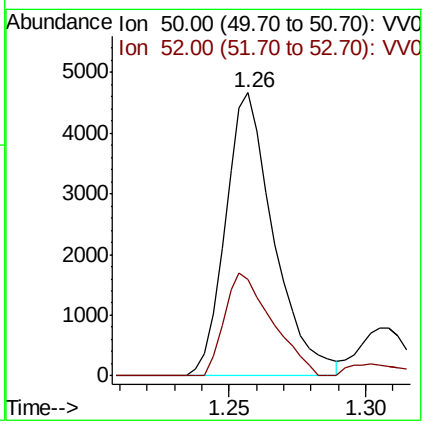


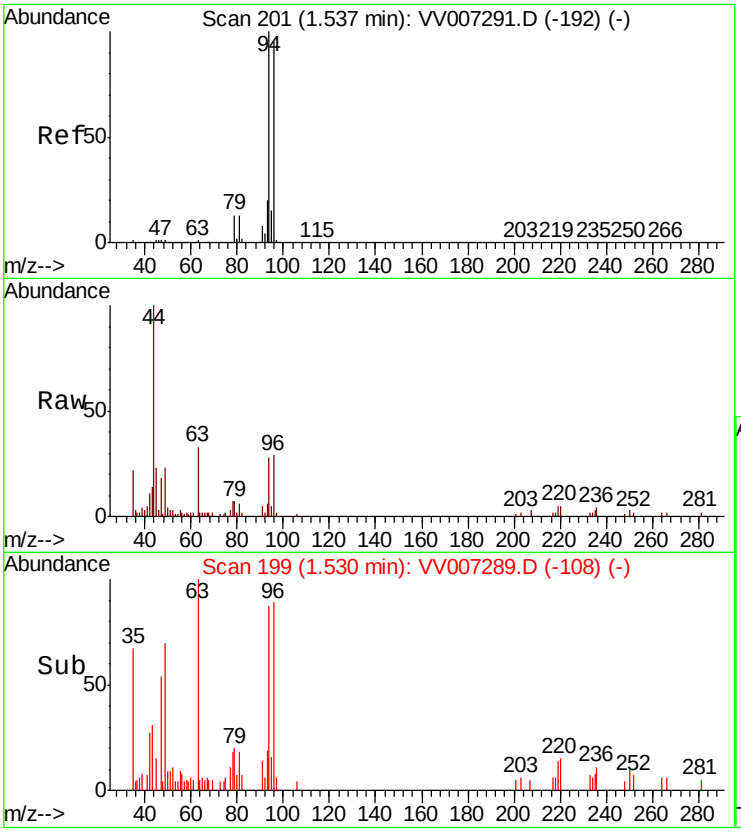


#3
Chloromethane
Concen: 1.484 ug/L
RT: 1.26 min Scan# 114
Delta R.T. 0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Tgt Ion: 50 Resp: 5764

Ion	Ratio	Lower	Upper
50	100		
52	33.9	23.6	43.8



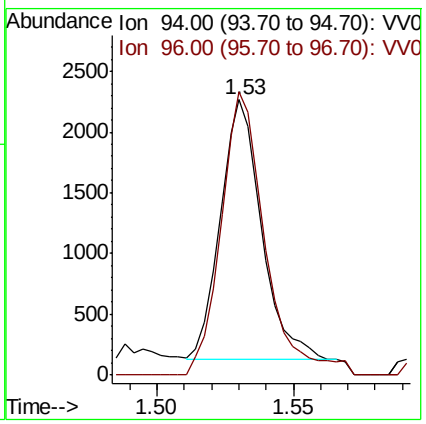


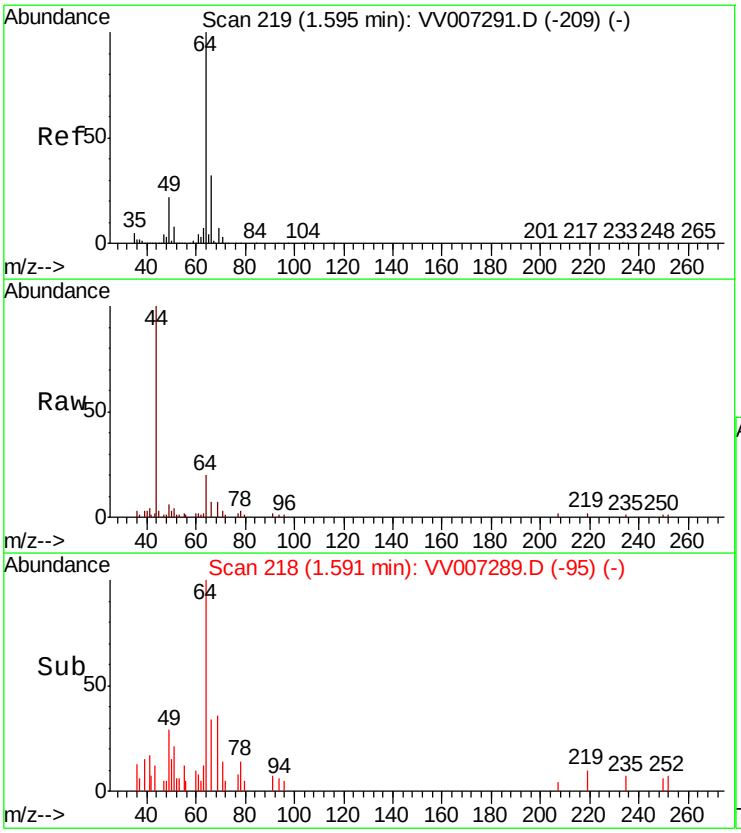
#6
Bromomethane
Concen: 1.852 ug/L
RT: 1.53 min Scan# 199
Delta R.T. -0.01 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD005

Tgt Ion: 94 Resp: 2253

Ion	Ratio	Lower	Upper
94	100		
96	102.8	66.1	122.7

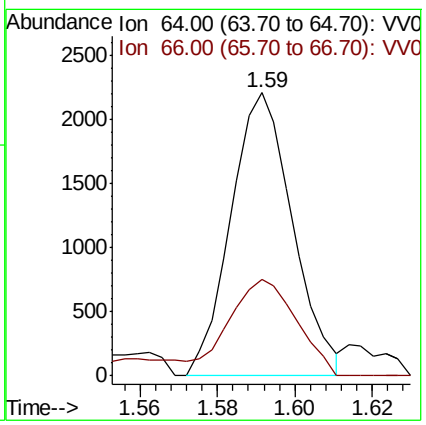


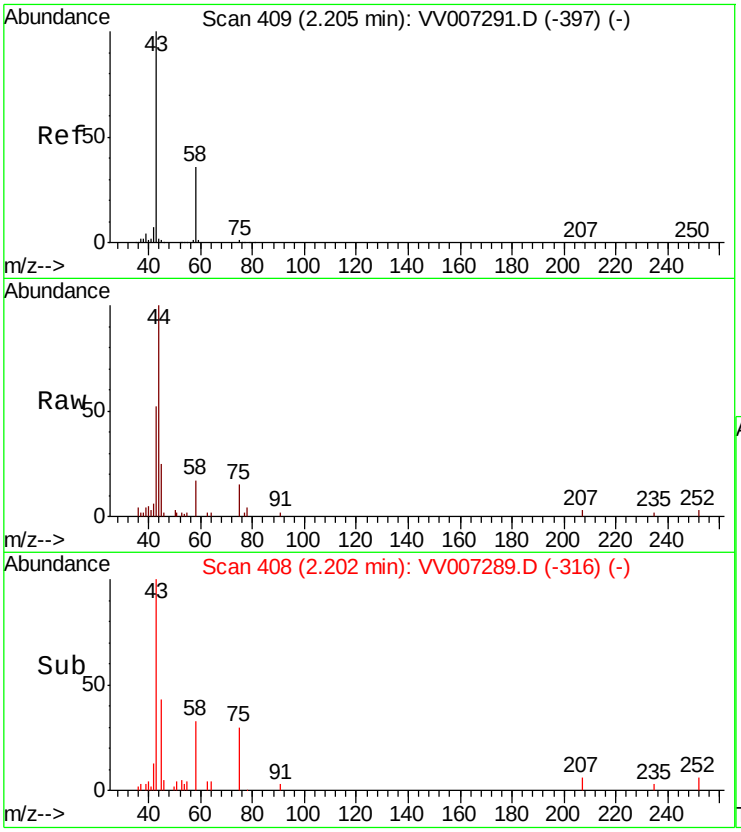


#8
Chloroethane
Concen: 1.251 ug/L
RT: 1.59 min Scan# 218
Delta R.T. -0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Tgt Ion: 64 Resp: 2447

Ion	Ratio	Lower	Upper
64	100		
66	34.0	22.3	41.3



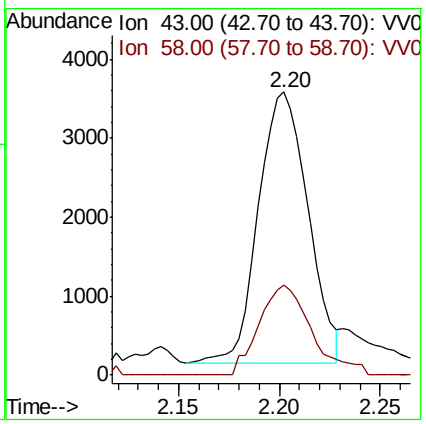


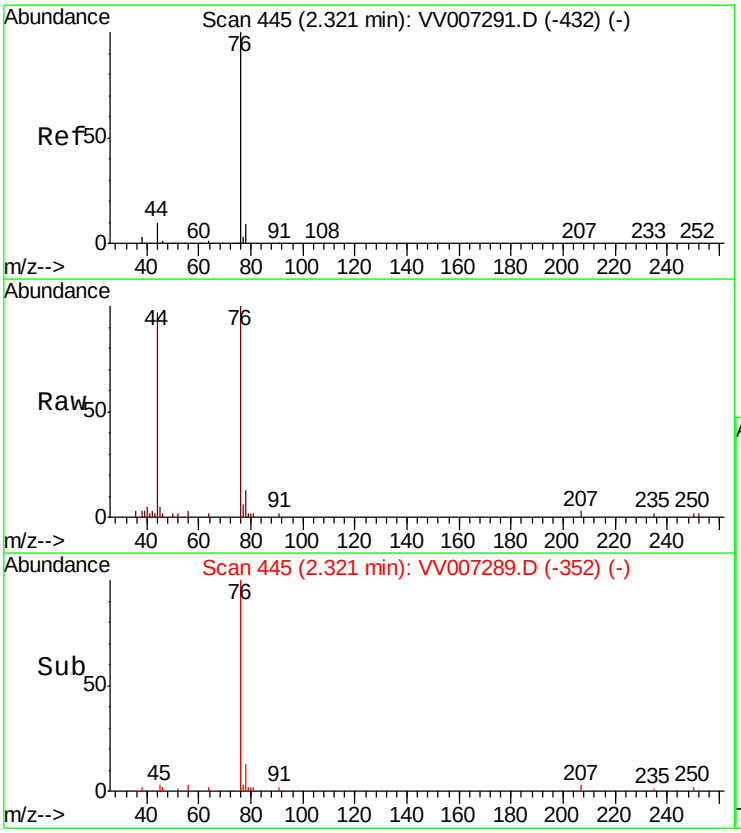
#13
Acetone
Concen: 3.561 ug/L
RT: 2.20 min Scan# 408
Delta R.T. -0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Instrument : MSVOA_V
ClientSampleId : VSTD005

Tgt Ion: 43 Resp: 5851

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	72.2

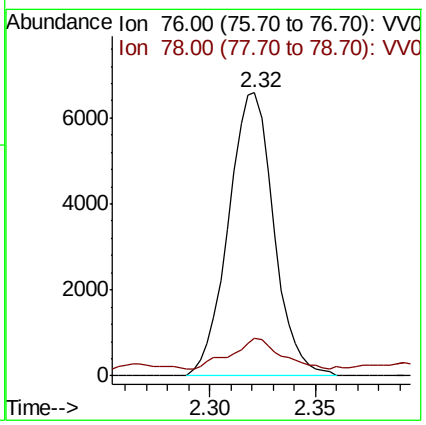


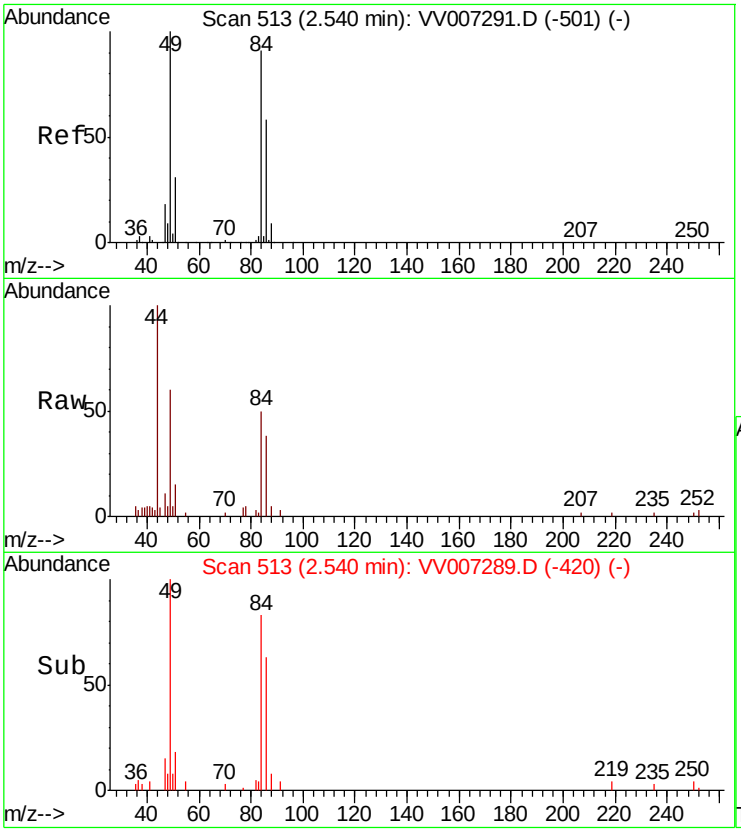


#14
Carbon disulfide
Concen: 1.261 ug/L
RT: 2.32 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Tgt Ion: 76 Resp: 9850

Ion	Ratio	Lower	Upper
76	100		
78	13.5	7.3	10.9#



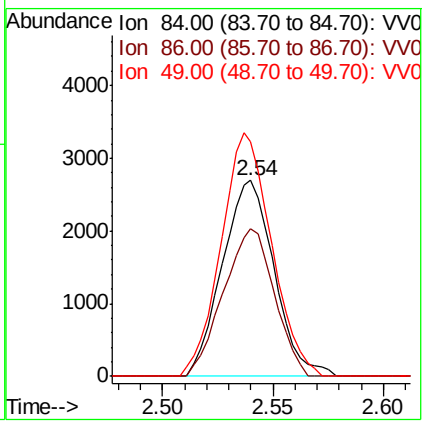


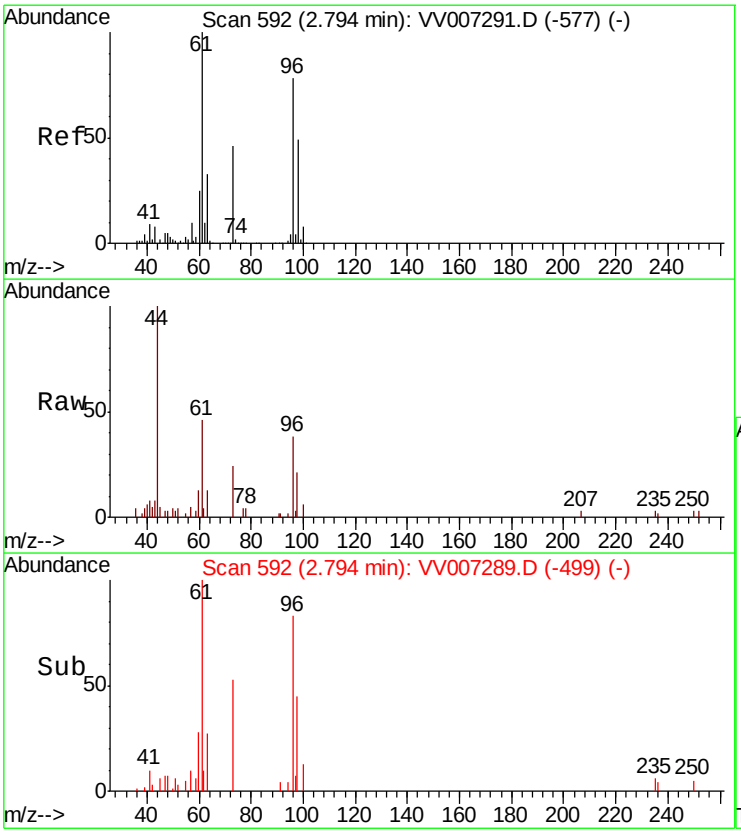
#16
Methylene chloride
Concen: 1.513 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD005

Tgt Ion: 84 Resp: 4401

Ion	Ratio	Lower	Upper
84	100		
86	75.3	44.9	83.3
49	119.9	77.0	143.0

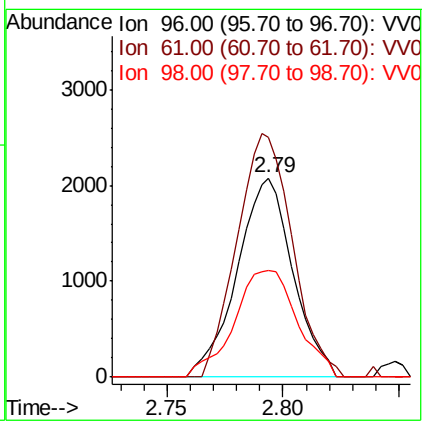


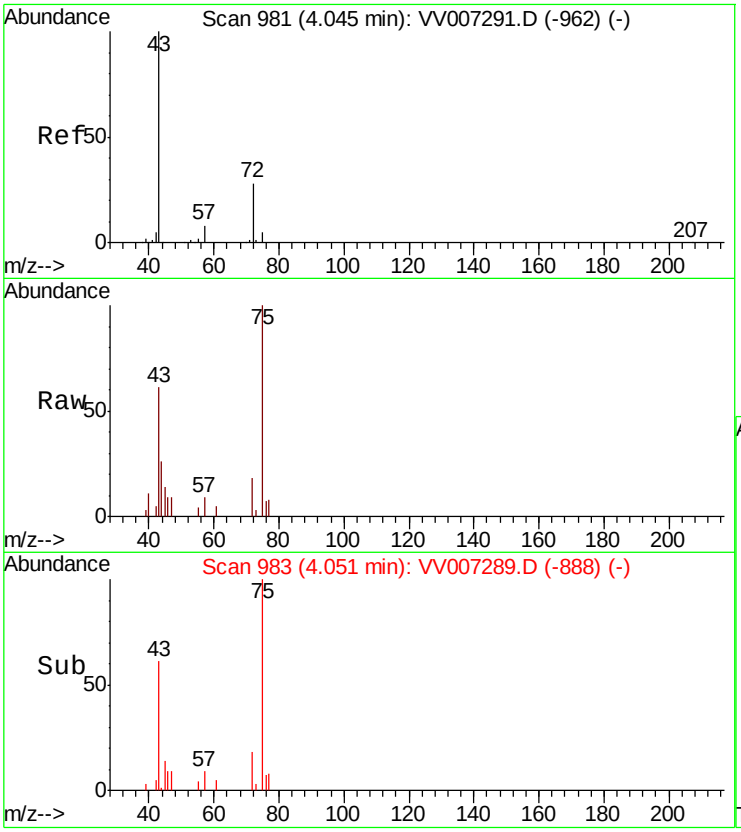


#17
trans-1,2-Dichloroethene
Concen: 1.255 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Tgt Ion: 96 Resp: 3471

Ion	Ratio	Lower	Upper
96	100		
61	120.1	90.4	167.8
98	53.7	44.2	82.0



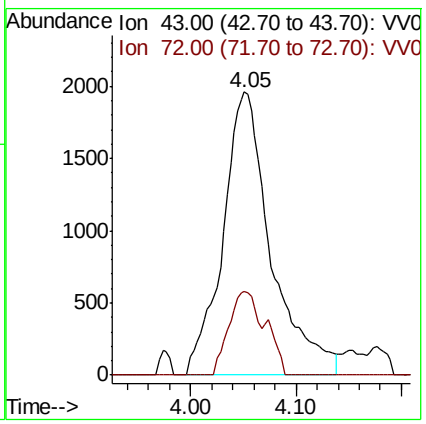


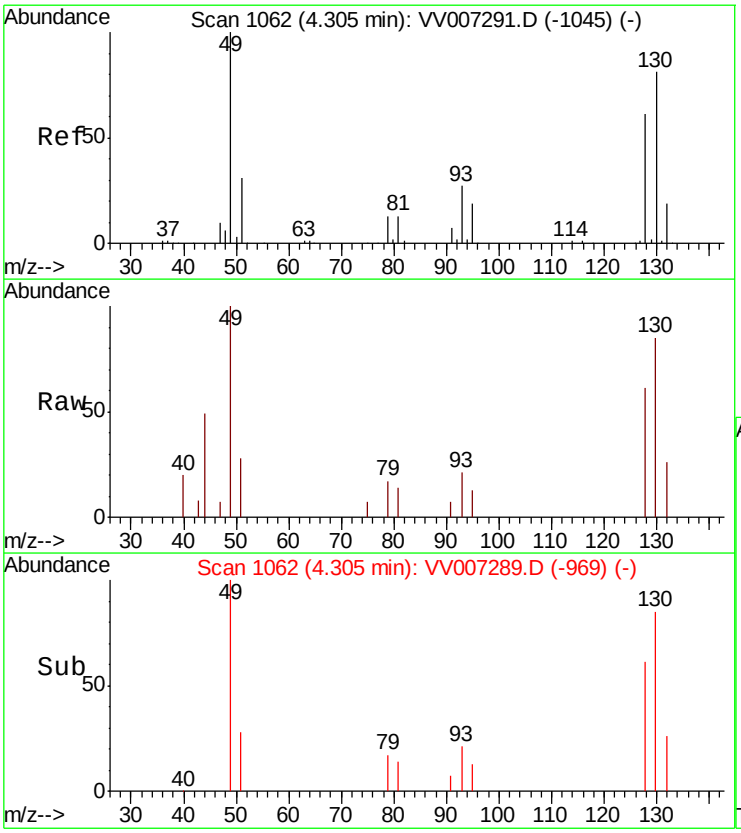
#22
2-Butanone
Concen: 2.483 ug/L
RT: 4.05 min Scan# 983
Delta R.T. 0.01 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD005

Tgt Ion: 43 Resp: 6212

Ion	Ratio	Lower	Upper
43	100		
72	17.5	14.1	42.2

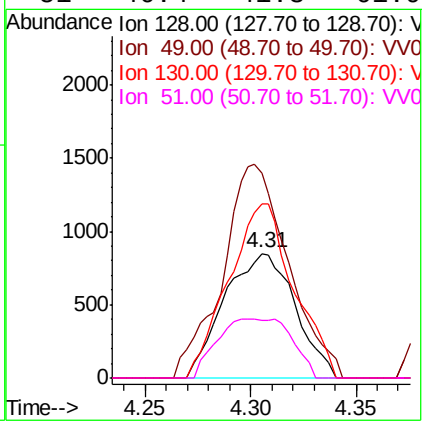


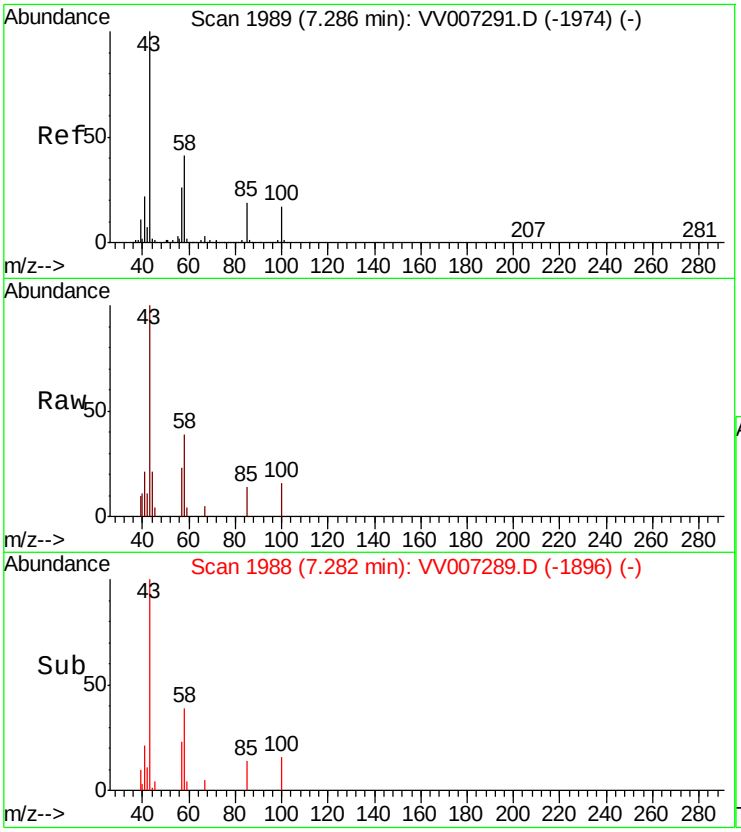


#23
Bromochloromethane
Concen: 1.206 ug/L
RT: 4.31 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Tgt Ion:128 Resp: 1984

Ion	Ratio	Lower	Upper
128	100		
49	164.3	115.6	214.8
130	139.1	93.7	173.9
51	46.4	41.3	61.9



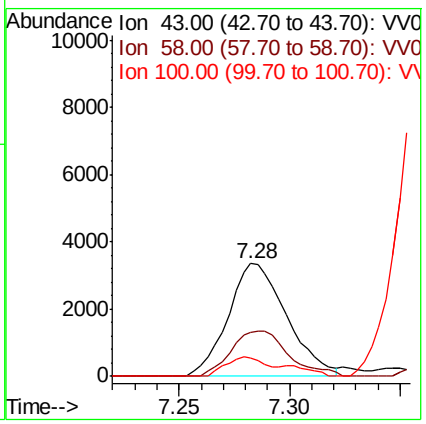


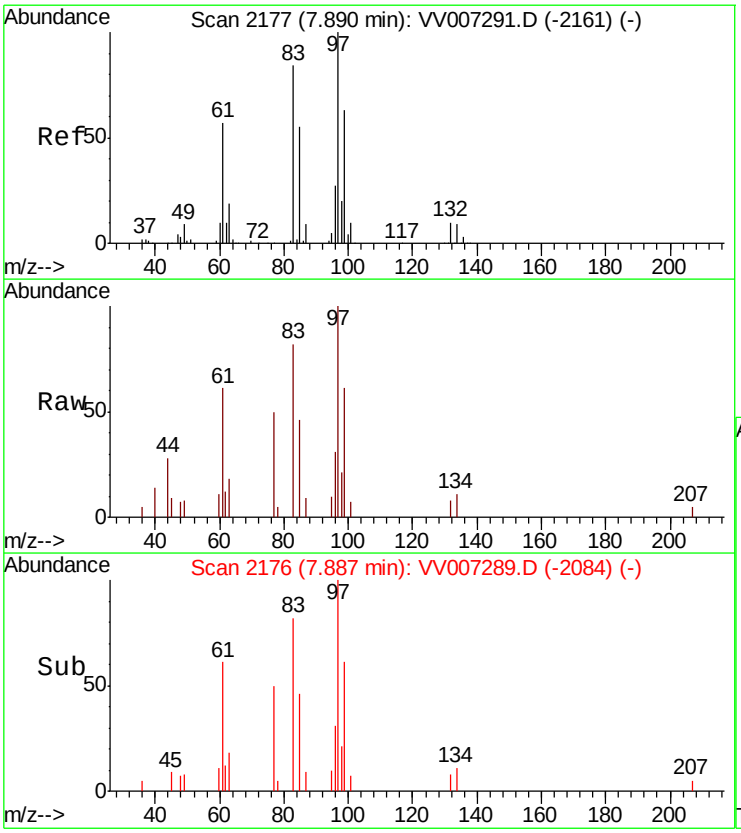
#40
4-Methyl-2-pentanone
Concen: 1.675 ug/L
RT: 7.28 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD005

Tgt Ion: 43 Resp: 6183

Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.6	49.0
100	12.2	13.4	20.0#

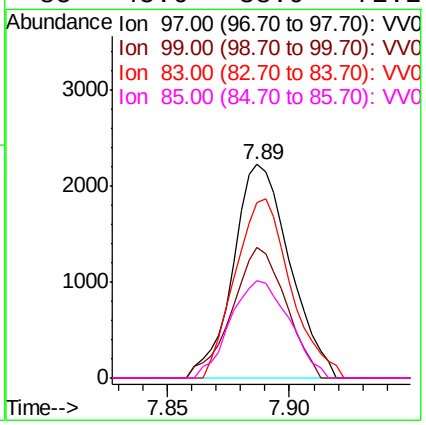


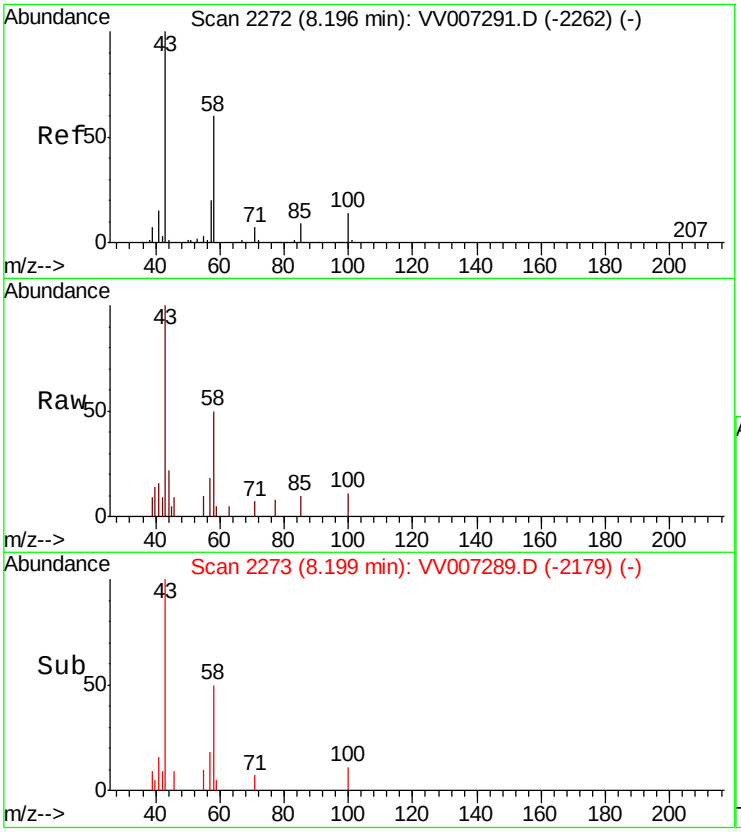


#45
1,1,2-Trichloroethane
Concen: 1.223 ug/L
RT: 7.89 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Tgt Ion: 97 Resp: 3577

Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.0	81.6
83	82.3	59.0	109.6
85	45.6	38.9	72.2



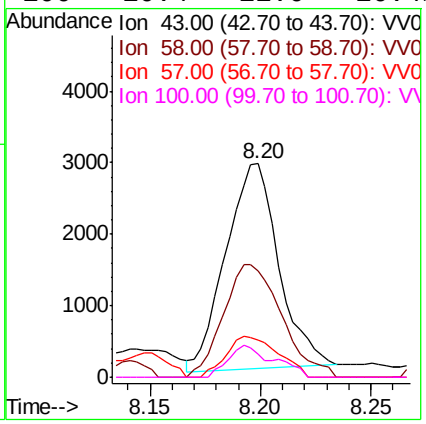


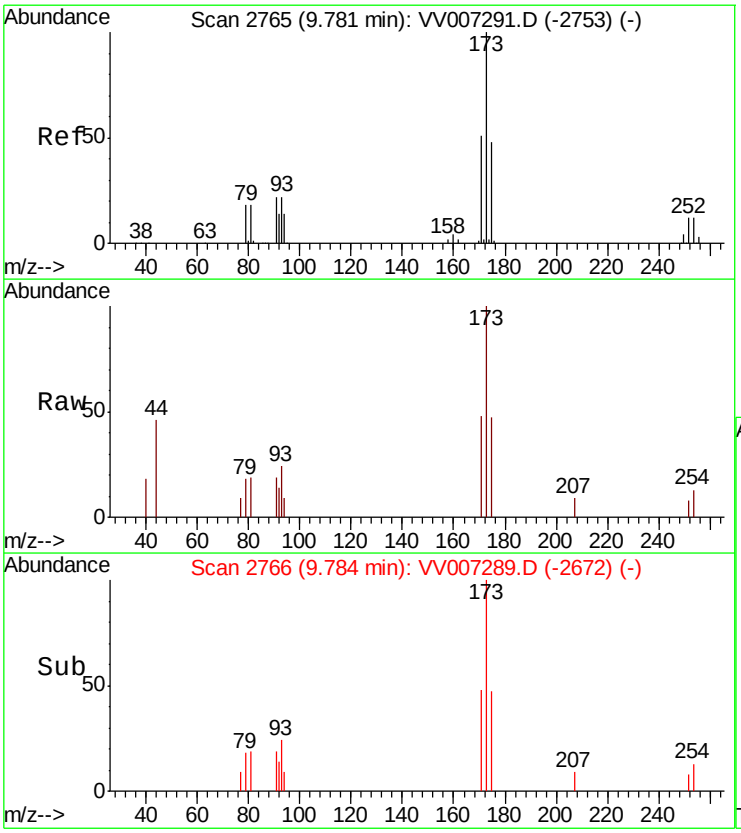
#48
2-Hexanone
Concen: 1.626 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Instrument : MSVOA_V
ClientSampleId : VSTD005

Tgt Ion: 43 Resp: 4778

Ion	Ratio	Lower	Upper
43	100		
58	60.3	48.2	72.4
57	19.6	15.9	23.9
100	10.4	11.0	16.4#





#61
Bromoform
Concen: 1.235 ug/L
RT: 9.78 min Scan# 2766
Delta R.T. 0.00 min
Lab File: VV007289.D
Acq: 31 Aug 2018 09:43

Tgt Ion:173 Resp: 2283

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.3	57.5
254	5.8	9.4	14.2#