Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032974.D
Acq On : 22 Jun 2019 02:45
Operator : JC/SP
Sample : K3464-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF46

Quant Time: Jun 24 01:11:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 01:08:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192725	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.08	117	190456	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91386	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	50268	38.17	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.34%				
7) Chloroethane-d5	1.68	69	45346	43.17	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.34%				
11) 1,1-Dichloroethene-d2	2.26	63	82738	31.18	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.36%				
21) 2-Butanone-d5	4.17	46	123928	113.05	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.05%				
24) Chloroform-d	4.64	84	120769	47.17	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.34%				
26) 1,2-Dichloroethane-d4	5.30	65	87837	51.50	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.00%				
32) Benzene-d6	5.33	84	228938	46.11	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.22%				
36) 1,2-Dichloropropane-d6	6.32	67	77967	49.30	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.60%				
41) Toluene-d8	7.56	98	203942	43.86	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.72%				
43) trans-1,3-Dichloropropene-	7.85	79	34928	42.45	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.90%				
47) 2-Hexanone-d5	8.31	63	73790	99.92	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.92%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118597	48.51	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.02%				
64) 1,2-Dichlorobenzene-d4	11.85	152	85978	48.62	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.24%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	57252	32.714	ug/L		100
8) Chloroethane	1.54	64	5623	5.582	ug/L	#	54
12) 1,1-Dichloroethene	2.27	96	1613	1.329	ug/L	#	1
13) Acetone	2.32	43	2314	1.528	ug/L		86
15) Methyl Acetate	2.44	43	4931	2.873	ug/L	#	53
17) trans-1,2-Dichloroethene	2.98	96	847	0.644	ug/L		92
20) cis-1,2-Dichloroethene	4.22	96	390426	272.311	ug/L		93
27) 1,2-Dichloroethane	5.33	62	1530	0.720	ug/L	#	77
37) 1,2-Dichloropropane	6.32	63	9119	6.059	ug/L	#	88
39) cis-1,3-Dichloropropene	7.22	75	2460	1.049	ug/L	#	75
40) 4-Methyl-2-pentanone	7.39	43	3272	1.362	ug/L	#	46
44) trans-1,3-Dichloropropene	7.85	75	1786	0.811	ug/L		85
48) 2-Hexanone	8.36	43	2238	1.056	ug/L	#	60
59) 1,2,3-Trichloropropane	11.48	75	11113	5.533	ug/L	#	82

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

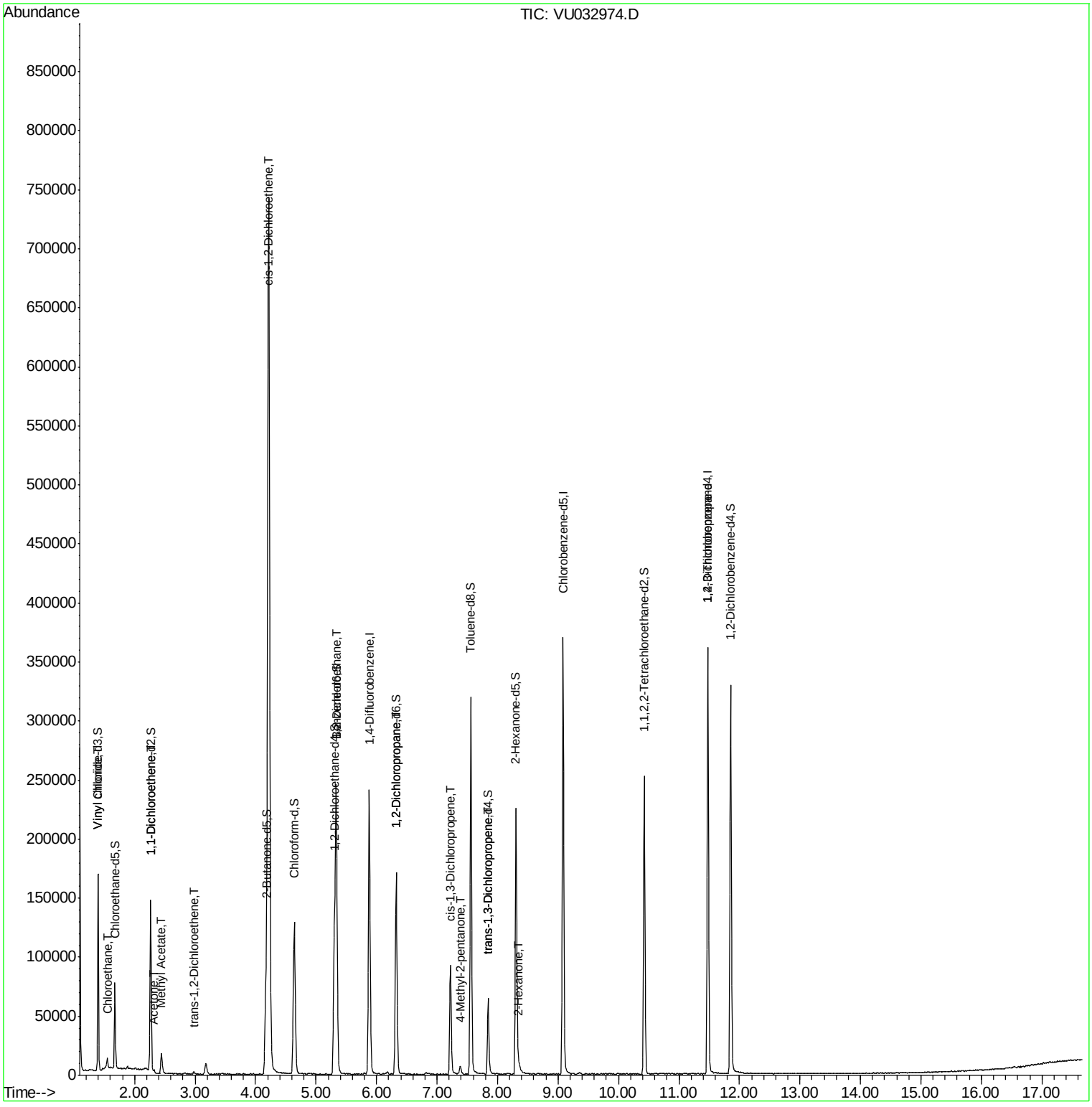
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

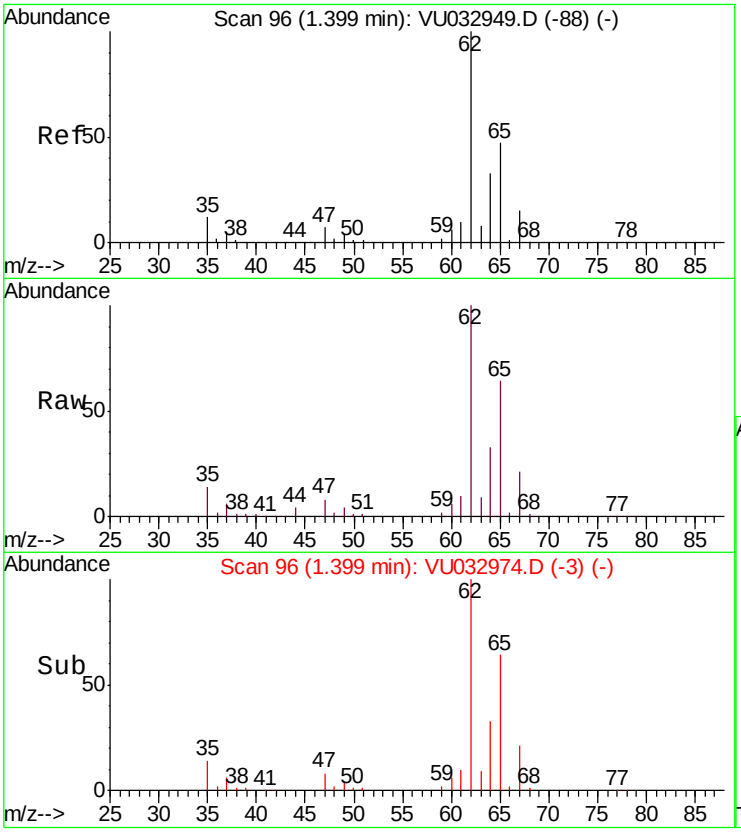
Quantitation Report (Not Reviewed)

Data File : VU032974.D
Acq On : 22 Jun 2019 02:45
Operator : JC/SP
Sample : K3464-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF46

Quant Time: Jun 24 01:11:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 01:08:17 2019
Response via : Initial Calibration



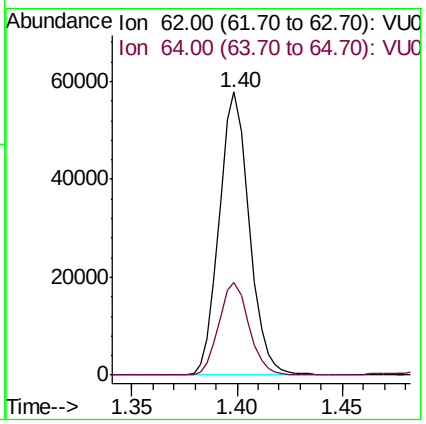


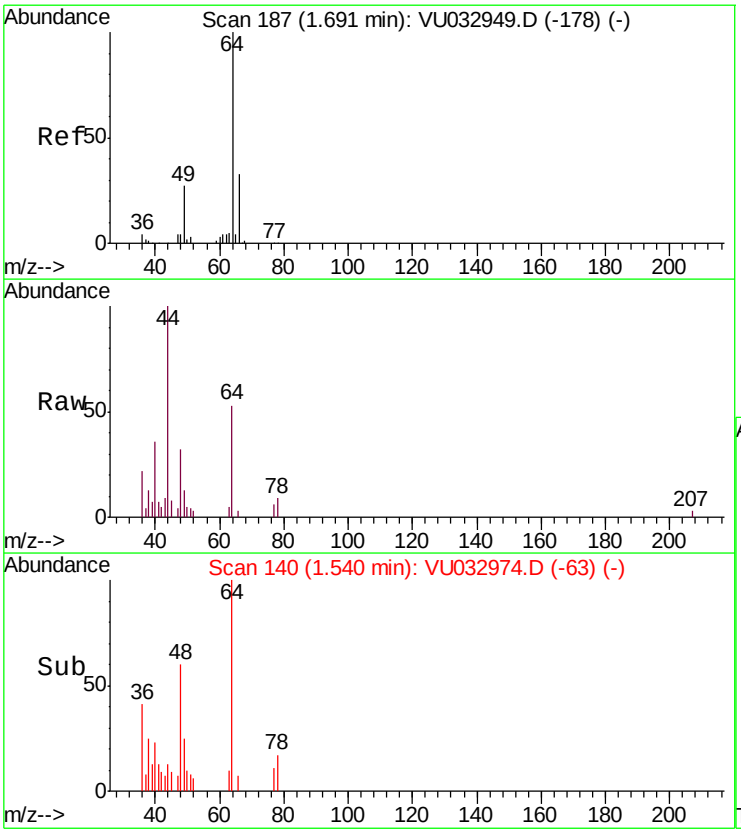
#5
Vinyl chloride
Concen: 32.714 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Instrument :
MSVOA_U
ClientSampleId :
ETF46

Tgt Ion: 62 Resp: 57252

Ion	Ratio	Lower	Upper
62	100		
64	32.8	23.0	42.6

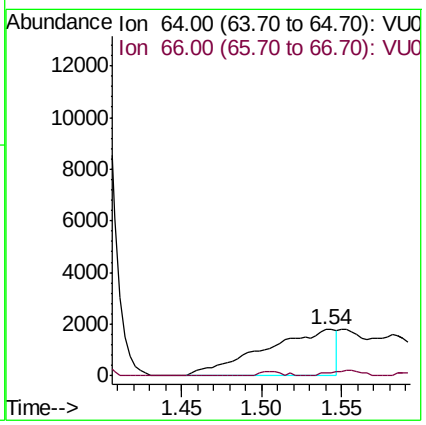


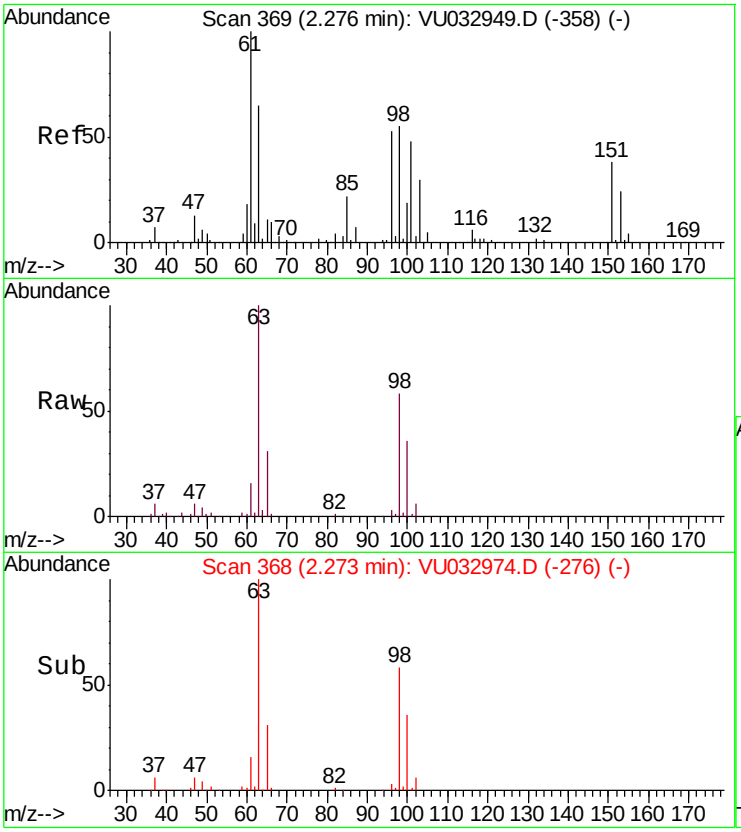


#8
Chloroethane
Concen: 5.582 ug/L
RT: 1.54 min Scan# 140
Delta R.T. -0.15 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Tgt Ion: 64 Resp: 5623

Ion	Ratio	Lower	Upper
64	100		
66	6.6	22.5	41.7#



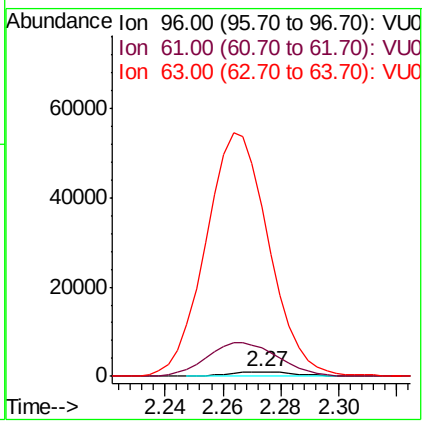


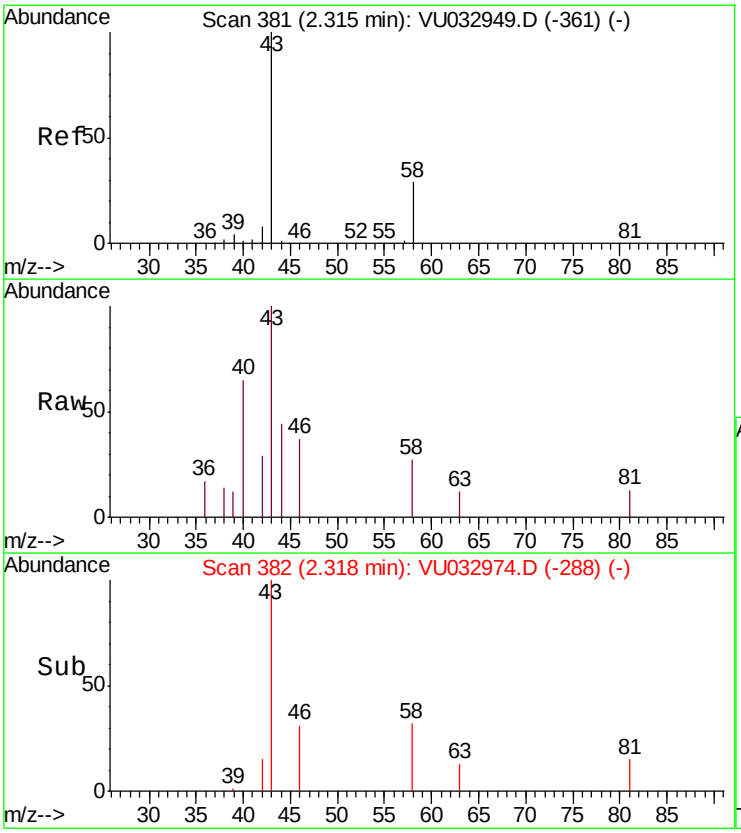
#12
1,1-Dichloroethene
Concen: 1.329 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Instrument :
MSVOA_U
ClientSampleId :
ETF46

Tgt Ion: 96 Resp: 1613

Ion	Ratio	Lower	Upper
96	100		
61	628.3	131.0	243.4#
63	3813.0	101.0	187.6#

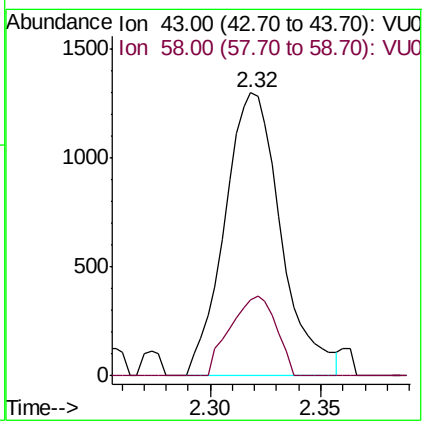


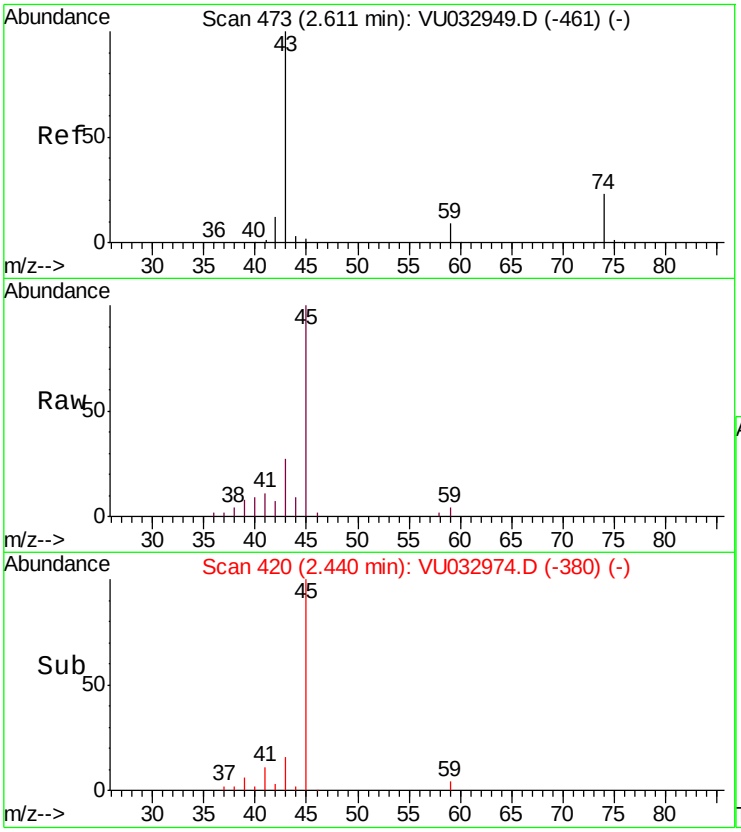


#13
Acetone
Concen: 1.528 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Tgt Ion: 43 Resp: 2314

Ion	Ratio	Lower	Upper
43	100		
58	22.9	0.0	60.6



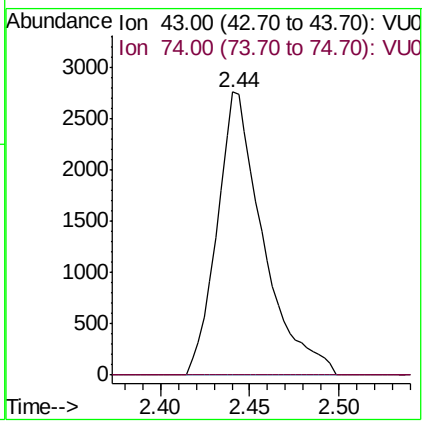


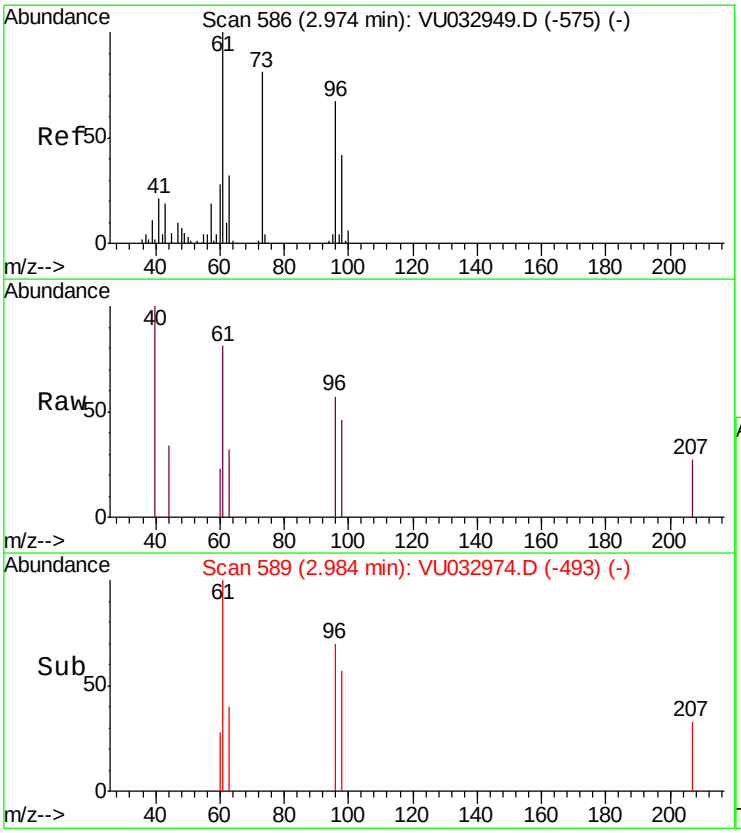
#15
Methyl Acetate
Concen: 2.873 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.17 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Instrument : MSVOA_U
ClientSampleId : ETF46

Tgt Ion: 43 Resp: 4931

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.1	27.1#

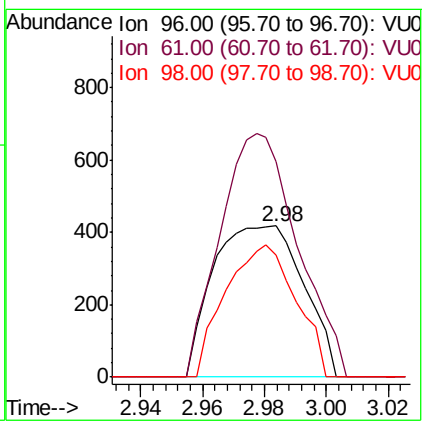


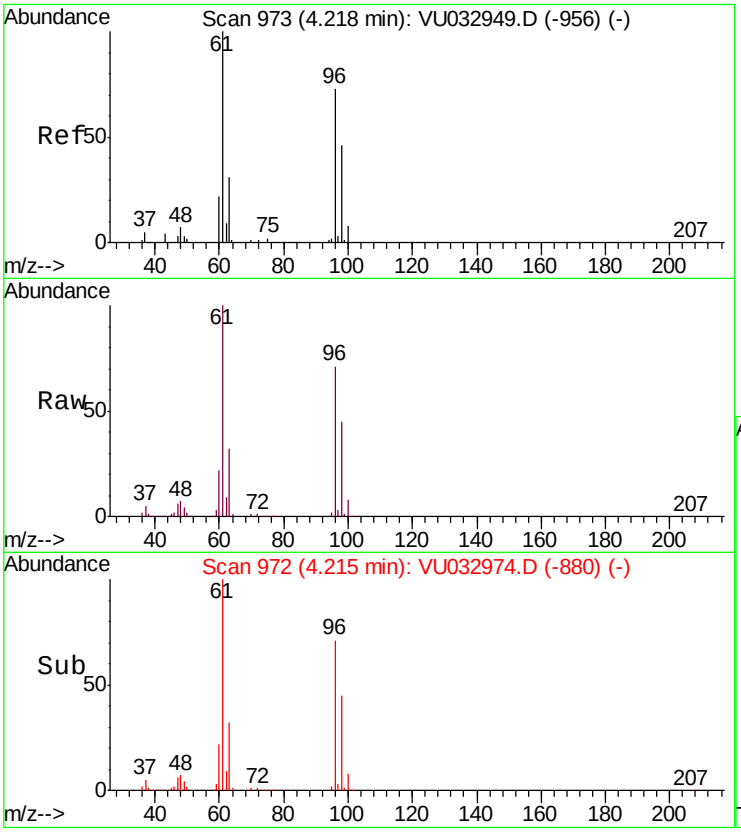


#17
trans-1,2-Dichloroethene
Concen: 0.644 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.01 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Tgt Ion: 96 Resp: 847

Ion	Ratio	Lower	Upper
96	100		
61	142.1	100.9	187.5
98	80.6	44.0	81.8



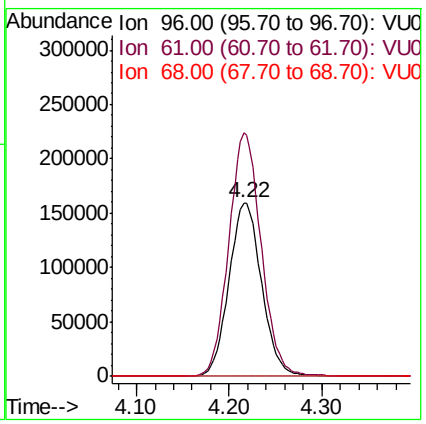


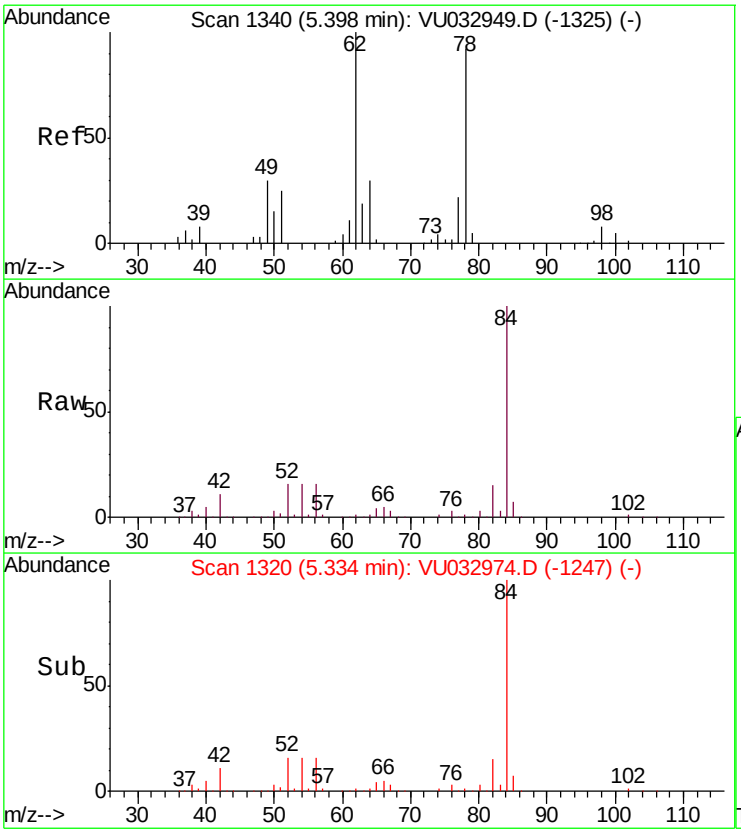
#20
cis-1,2-Dichloroethene
Concen: 272.311 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Instrument :
MSVOA_U
ClientSampleId :
ETF46

Tgt Ion: 96 Resp: 390426

Ion	Ratio	Lower	Upper
96	100		
61	140.2	92.4	171.6
68	0.0	0.0	0.0

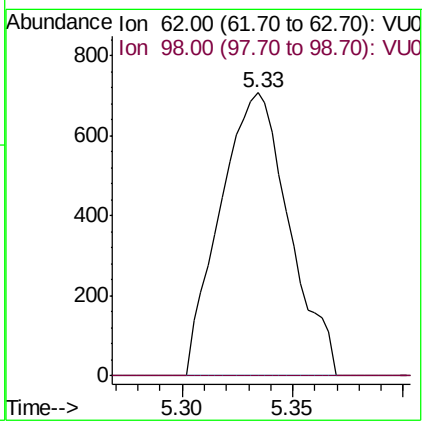


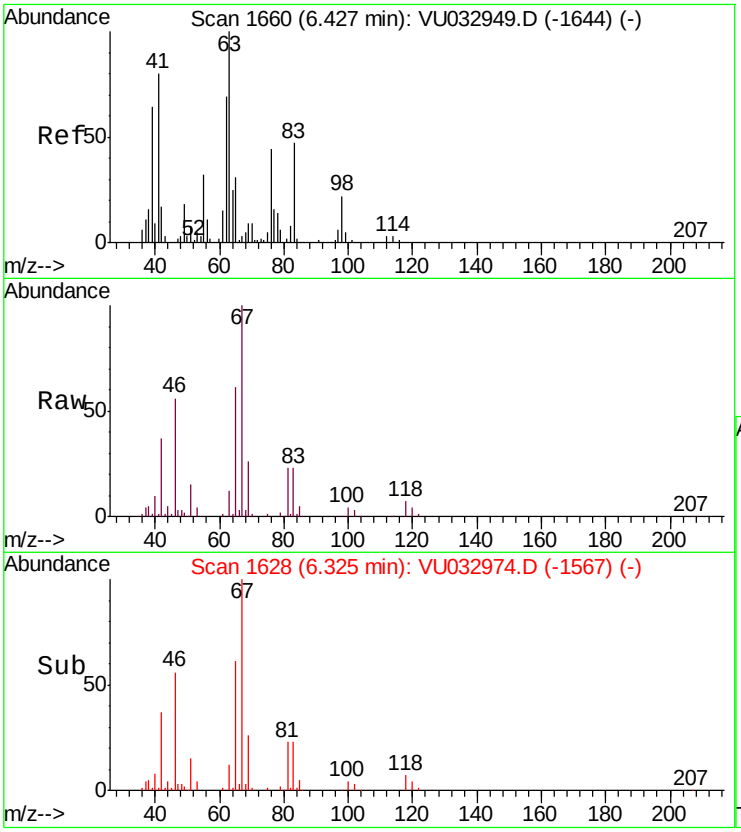


#27
1,2-Dichloroethane
Concen: 0.720 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Tgt Ion: 62 Resp: 1530

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



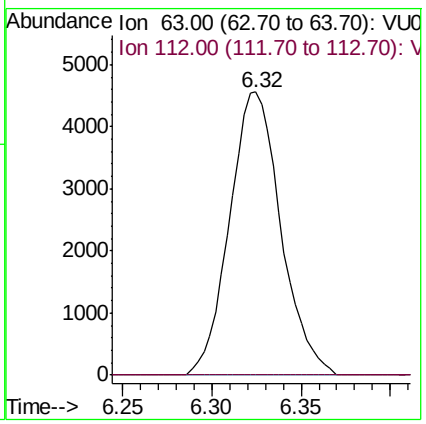


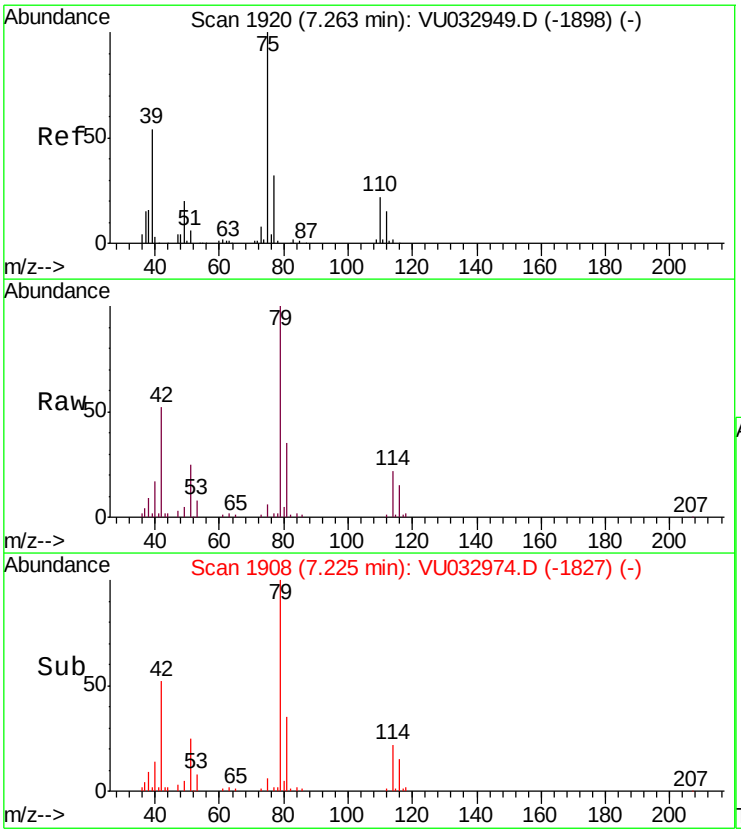
#37
1,2-Dichloropropane
Concen: 6.059 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Instrument : MSVOA_U
ClientSampleId : ETF46

Tgt Ion: 63 Resp: 9119

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

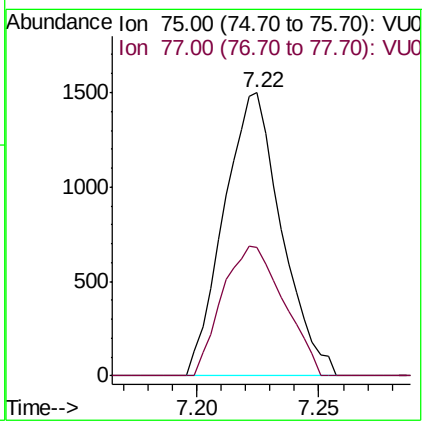


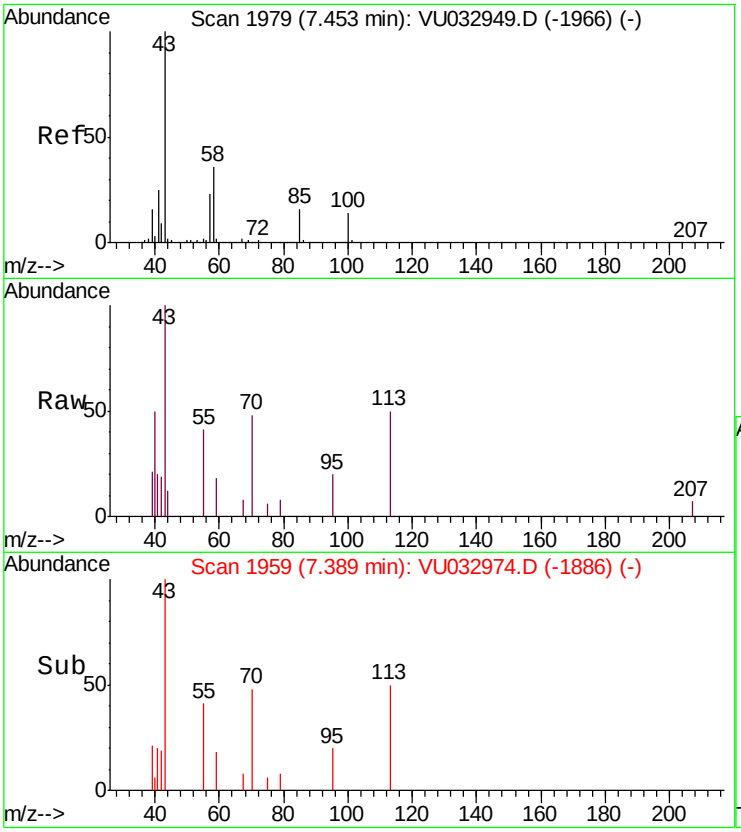


#39
cis-1,3-Dichloropropene
Concen: 1.049 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Tgt Ion: 75 Resp: 2460

Ion	Ratio	Lower	Upper
75	100		
77	45.3	21.9	40.7#



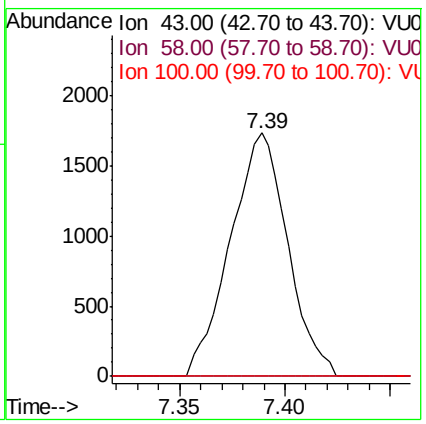


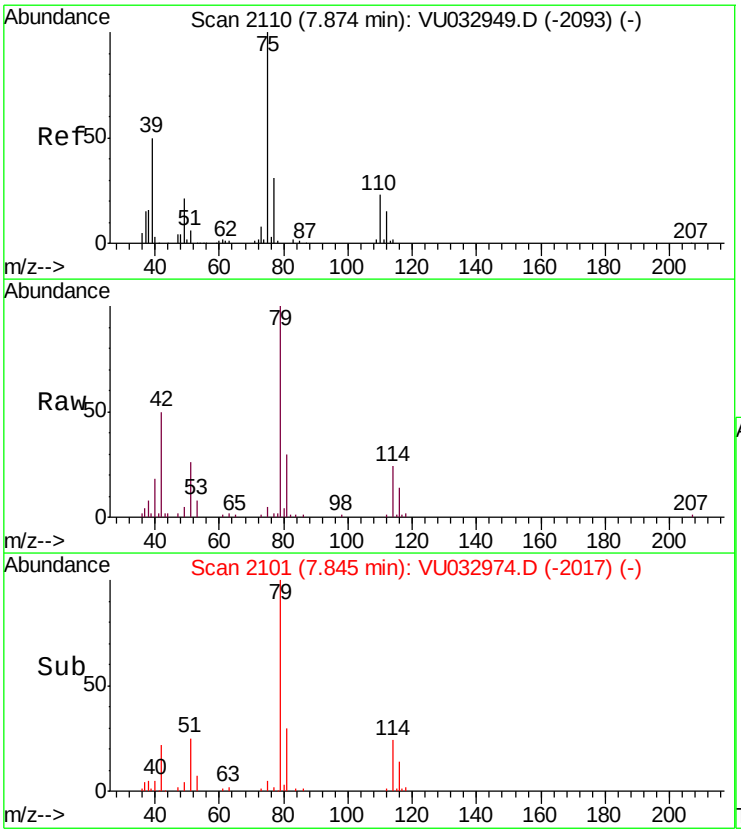
#40
4-Methyl-2-pentanone
Concen: 1.362 ug/L
RT: 7.39 min Scan# 1959
Delta R.T. -0.06 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Instrument :
MSVOA_U
ClientSampleId :
ETF46

Tgt Ion: 43 Resp: 3272

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.2#
100	0.0	11.2	16.8#

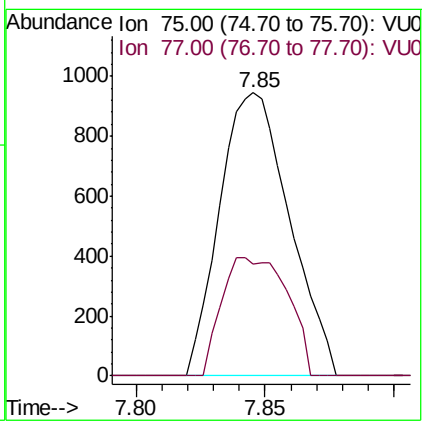


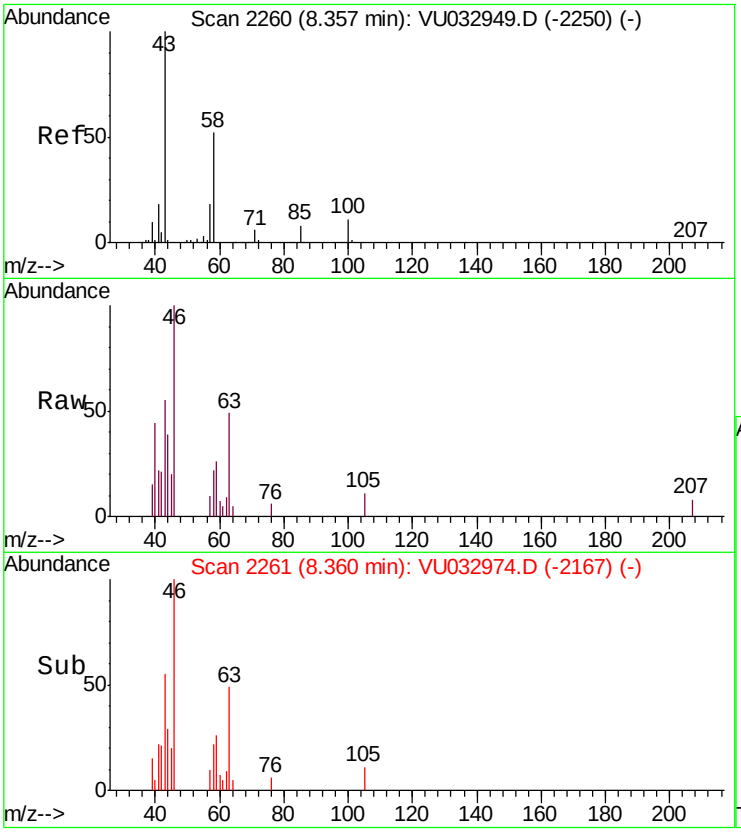


#44
trans-1,3-Dichloropropene
Concen: 0.811 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Tgt Ion: 75 Resp: 1786

Ion	Ratio	Lower	Upper
75	100		
77	39.4	21.8	40.4



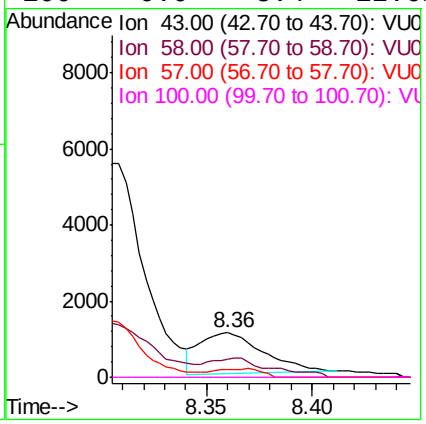


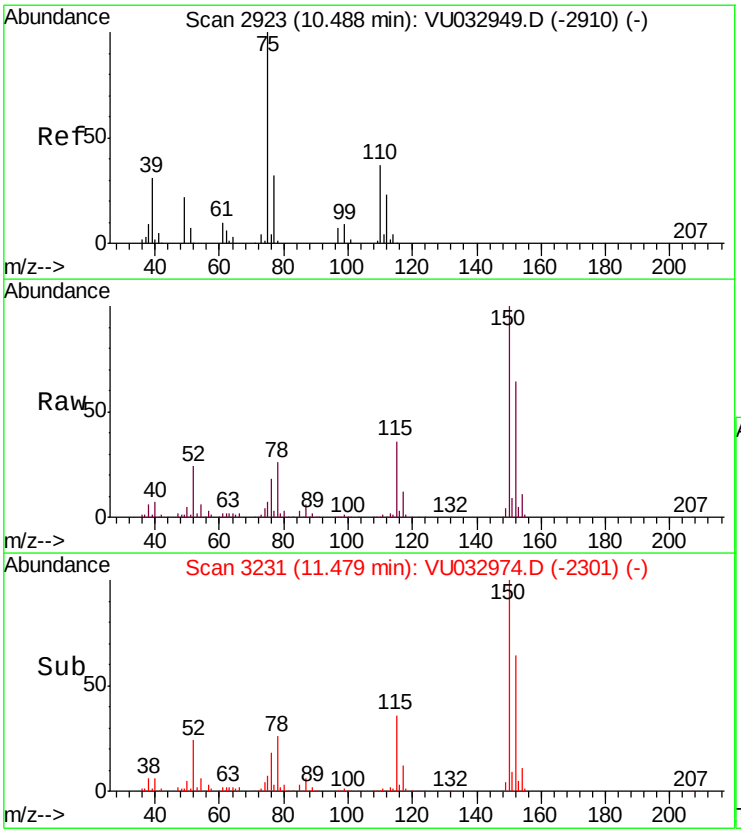
#48
2-Hexanone
Concen: 1.056 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Instrument : MSVOA_U
ClientSampleId : ETF46

Tgt Ion: 43 Resp: 2238

Ion	Ratio	Lower	Upper
43	100		
58	19.6	40.2	60.2#
57	2.6	14.2	21.4#
100	0.0	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.533 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032974.D
Acq: 22 Jun 2019 02:45

Tgt Ion: 75 Resp: 11113

Ion	Ratio	Lower	Upper
75	100		
77	41.8	25.5	38.3#