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

Quantitation Report (Not Reviewed)

Data File : VU032964.D
Acq On : 21 Jun 2019 22:55
Operator : JC/SP
Sample : K3464-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF33MSD

Quant Time: Jun 22 02:00:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190042	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	186157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90625	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	45168	34.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.56%			
7) Chloroethane-d5	1.67	69	42487	41.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.04%			
11) 1,1-Dichloroethene-d2	2.27	63	107654	41.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.30%			
21) 2-Butanone-d5	4.17	46	121421	112.32	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.32%			
24) Chloroform-d	4.64	84	115032	45.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.12%			
26) 1,2-Dichloroethane-d4	5.30	65	81466	48.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.88%			
32) Benzene-d6	5.33	84	211766	43.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.28%			
36) 1,2-Dichloropropane-d6	6.32	67	72603	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.94%			
41) Toluene-d8	7.56	98	187751	41.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.62%			
43) trans-1,3-Dichloropropene-	7.84	79	34385	42.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.52%			
47) 2-Hexanone-d5	8.31	63	72190	100.01	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.01%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	113627	47.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.10%			
64) 1,2-Dichlorobenzene-d4	11.85	152	80904	46.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.26%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	718	0.565	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	57373	47.941	ug/L	87
13) Acetone	2.32	43	3766	2.522	ug/L	97
27) 1,2-Dichloroethane	5.38	62	3011	1.437	ug/L #	77
33) Benzene	5.38	78	273713	51.040	ug/L	100
34) Trichloroethene	6.18	95	69448	48.469	ug/L	98
35) Methylcyclohexane	6.32	83	16881	7.622	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	8690	5.907	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2436	1.063	ug/L #	74
40) 4-Methyl-2-pentanone	7.39	43	4872	2.074	ug/L #	46
42) Toluene	7.63	91	293522	50.588	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	1864	0.866	ug/L	91
48) 2-Hexanone	8.36	43	2202	1.063	ug/L #	74
51) Chlorobenzene	9.11	112	191114	50.054	ug/L	97

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

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

Quantitation Report (Not Reviewed)

Data File : VU032964.D
Acq On : 21 Jun 2019 22:55
Operator : JC/SP
Sample : K3464-03MSD
Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
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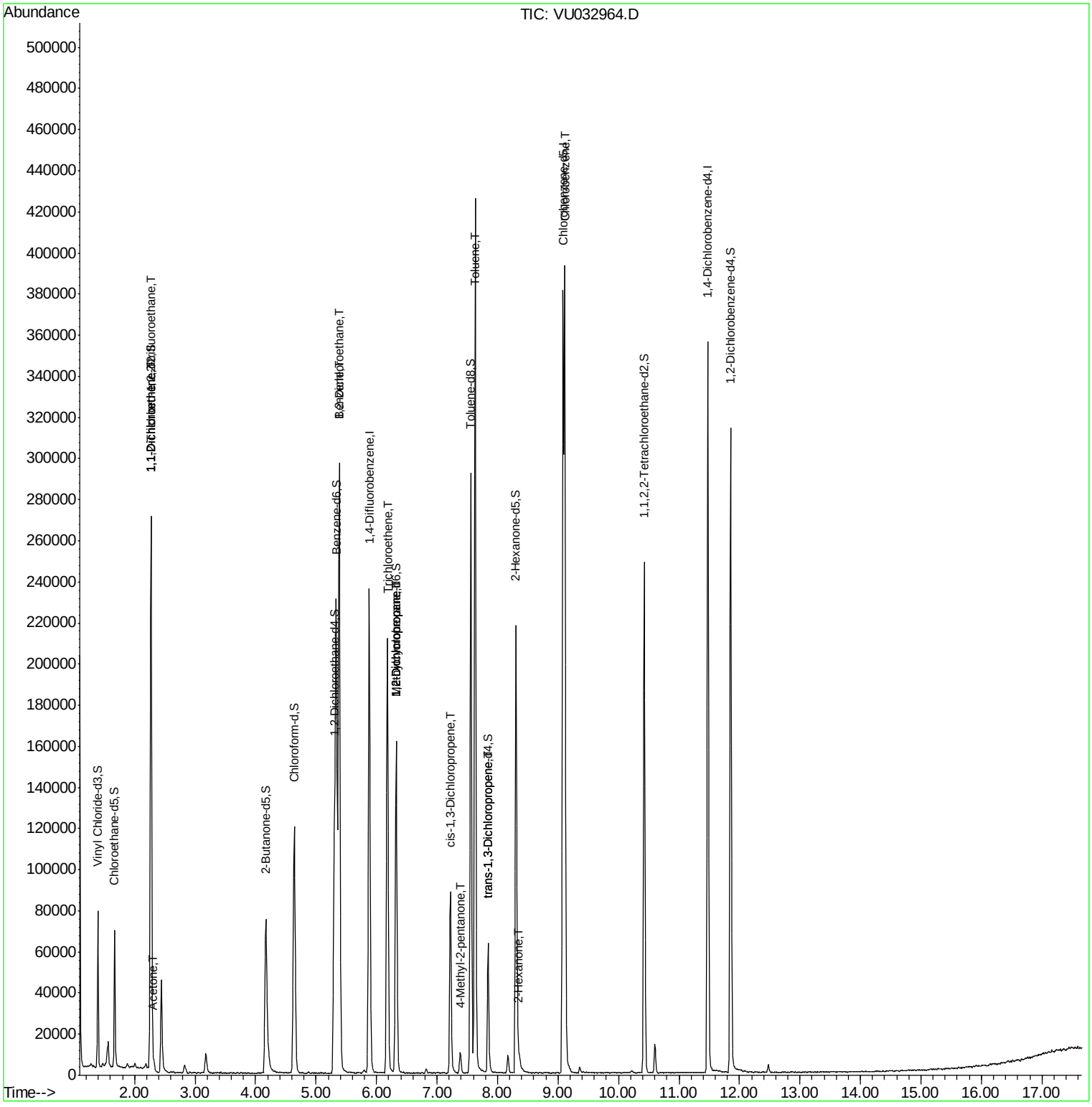
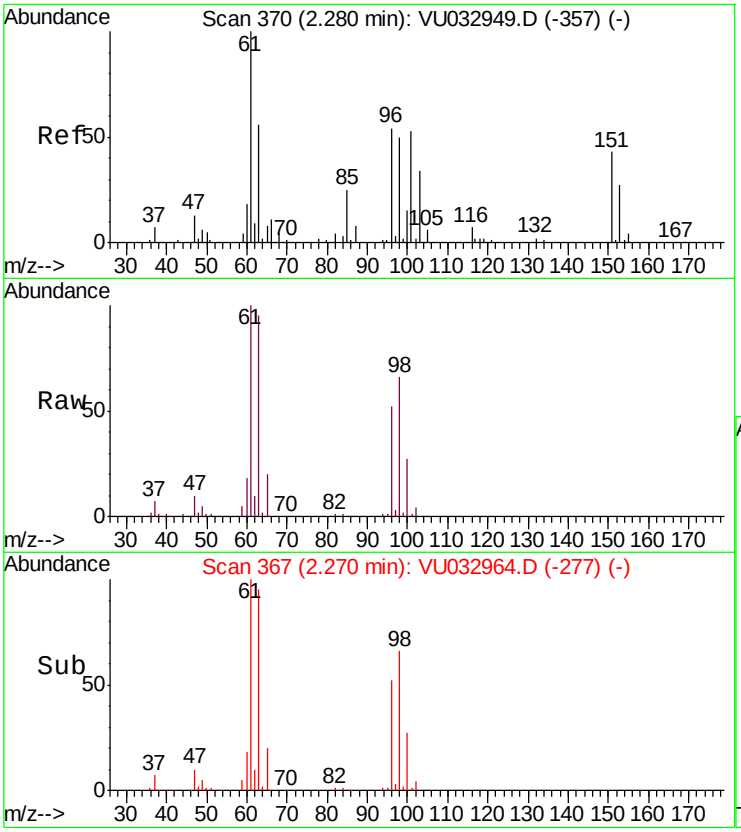
ClientSampleId :
ETF33MSD

Quant Time: Jun 22 02:00:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration



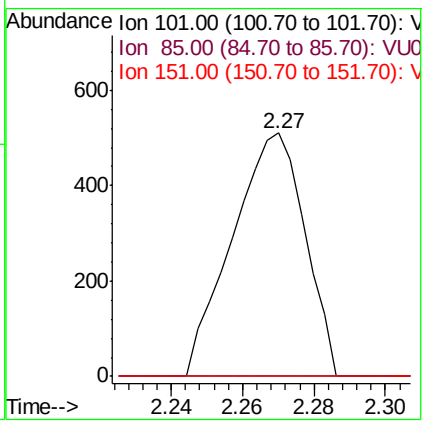


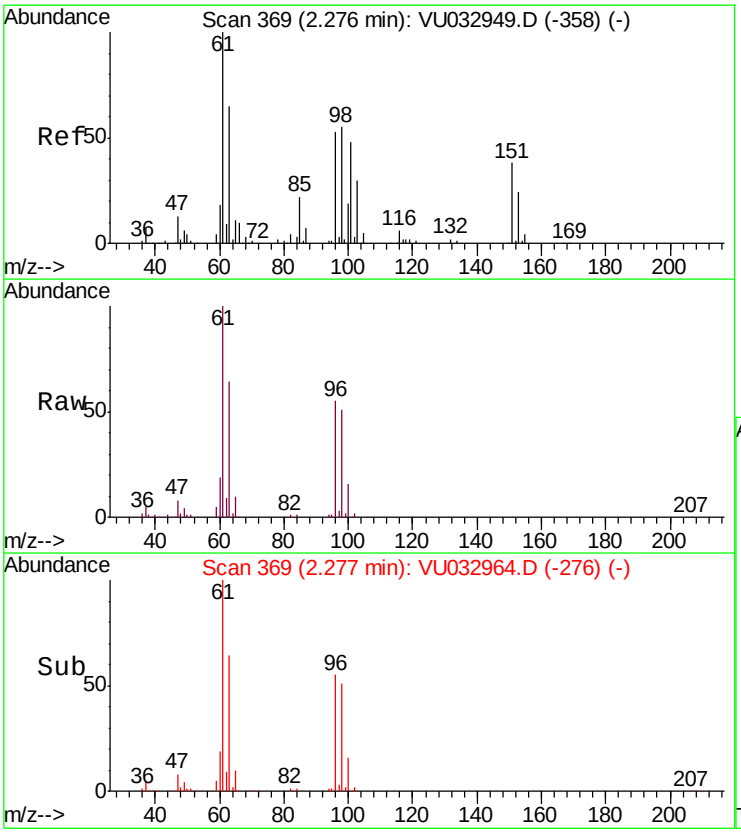
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.565 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Instrument :
MSVOA_U
ClientSampleId :
ETF33MSD

Tgt Ion:101 Resp: 718

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#

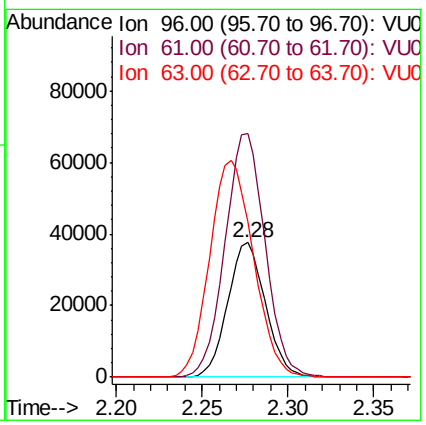


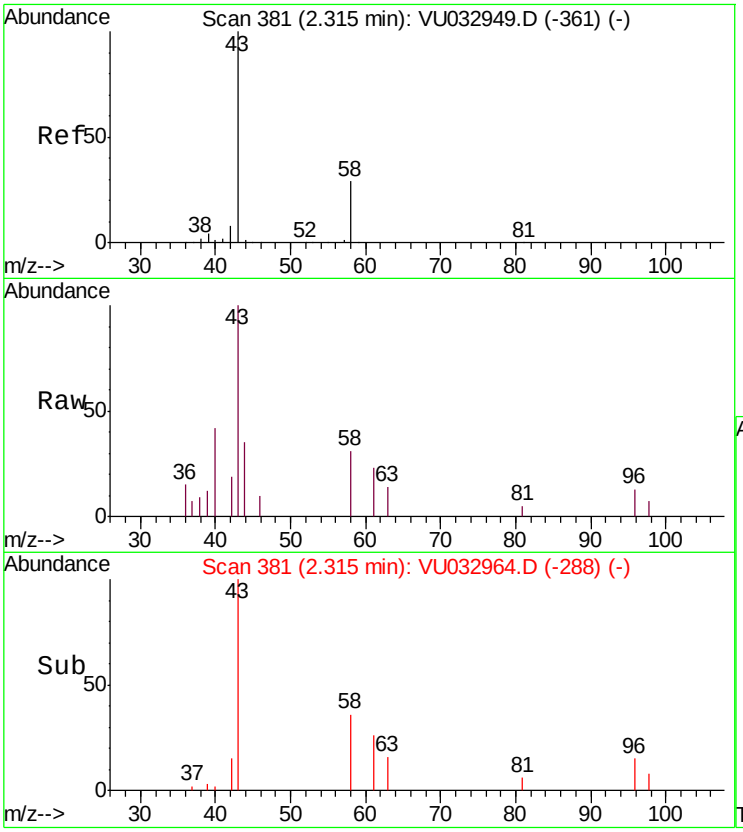


#12
1,1-Dichloroethene
Concen: 47.941 ug/L
RT: 2.28 min Scan# 369
Delta R.T. 0.00 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Tgt Ion: 96 Resp: 57373

Ion	Ratio	Lower	Upper
96	100		
61	180.8	131.0	243.4
63	115.5	101.0	187.6



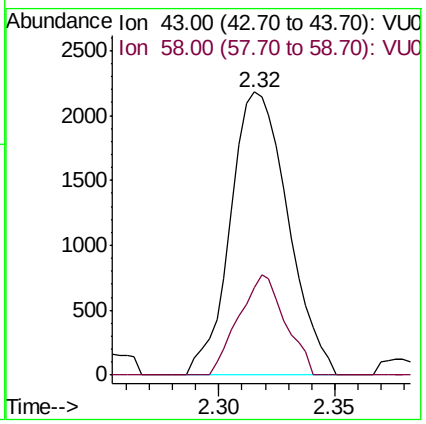


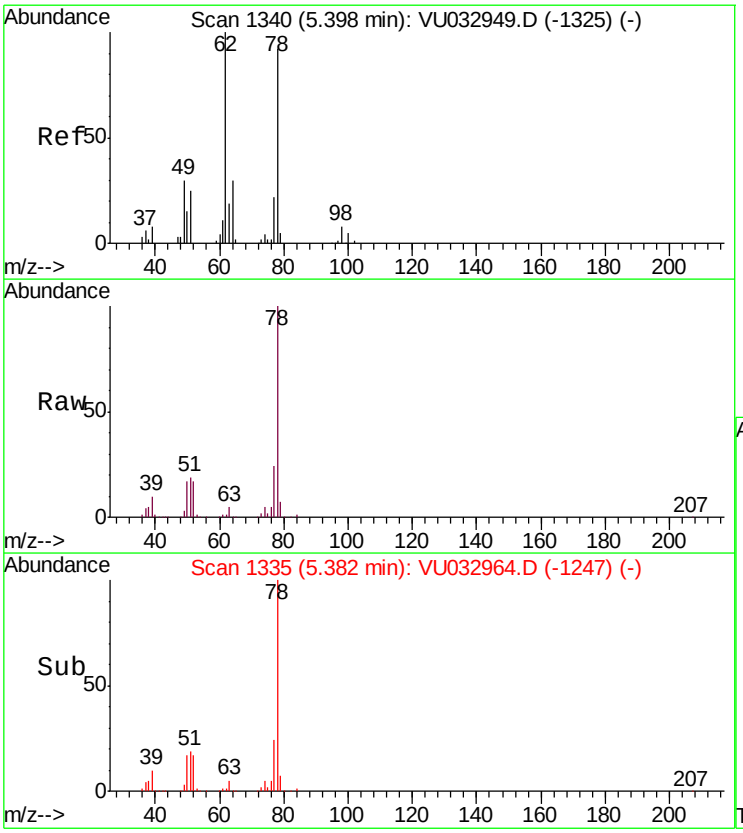
#13
Acetone
Concen: 2.522 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Instrument : MSVOA_U
ClientSampleId : ETF33MSD

Tgt Ion: 43 Resp: 3766

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	60.6

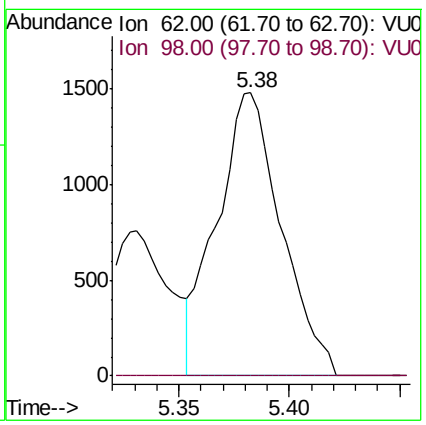


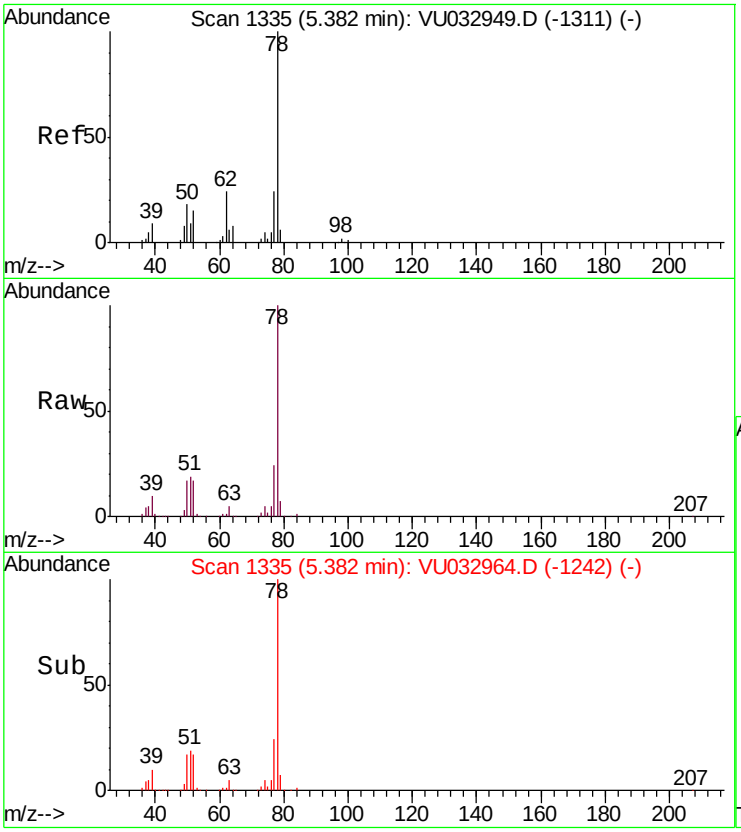


#27
1,2-Dichloroethane
Concen: 1.437 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Tgt Ion: 62 Resp: 3011

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

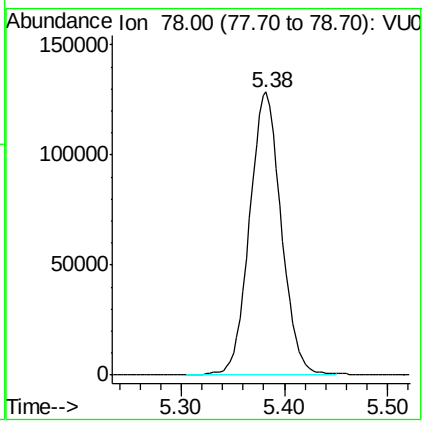


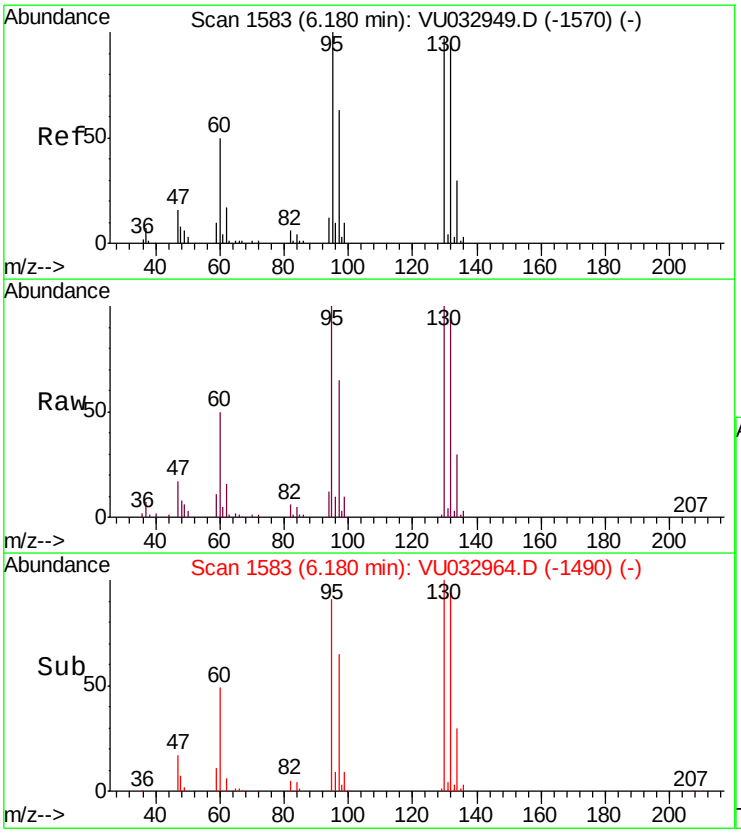


#33
Benzene
Concen: 51.040 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Instrument :
MSVOA_U
ClientSampleId :
ETF33MSD

Tgt Ion: 78 Resp: 273713

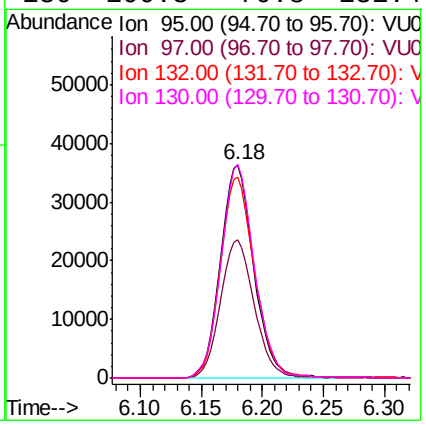


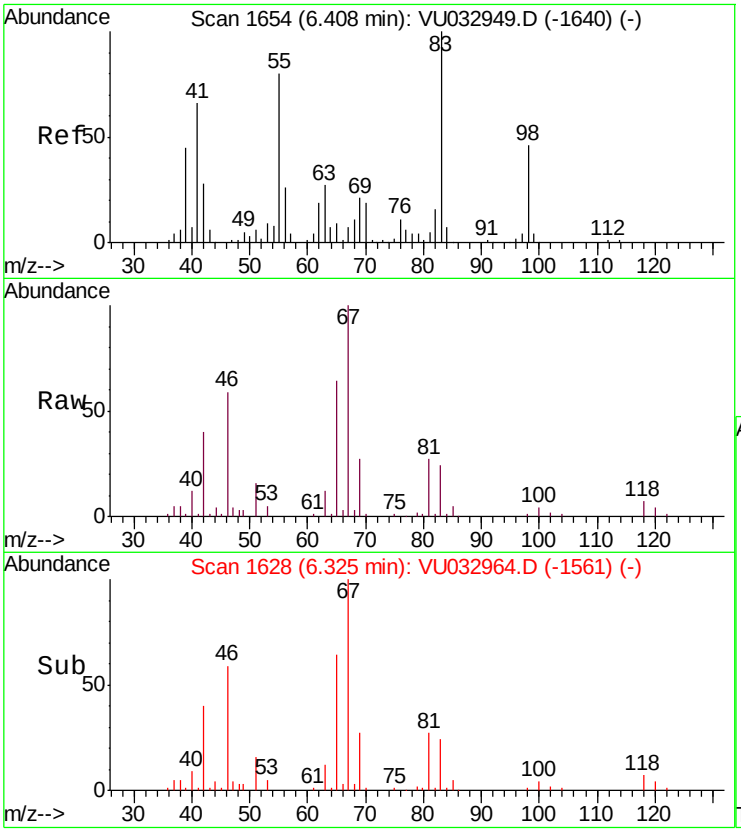


#34
Trichloroethene
Concen: 48.469 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Tgt Ion: 95 Resp: 69448

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.9	85.3
132	94.2	68.5	127.3
130	100.3	70.8	131.4



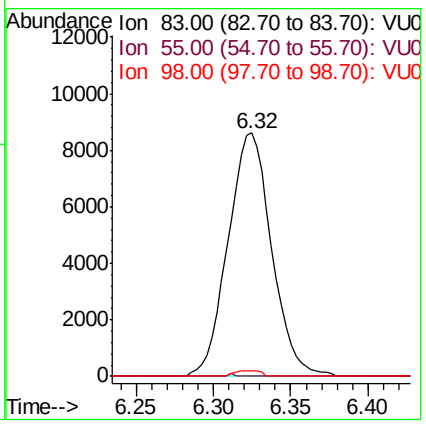


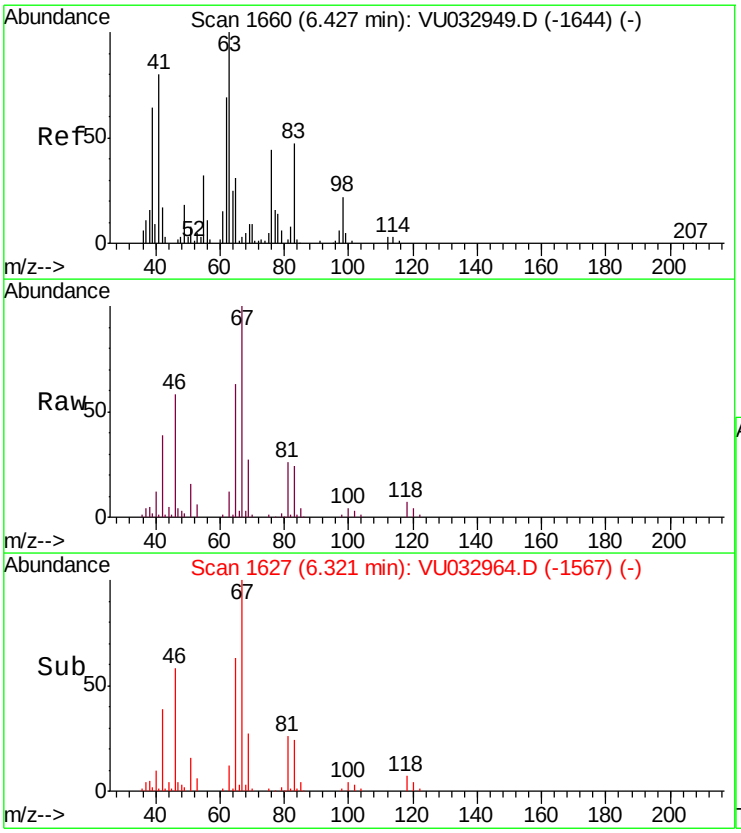
#35
Methylcyclohexane
Concen: 7.622 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Instrument :
MSVOA_U
ClientSampleId :
ETF33MSD

Tgt Ion: 83 Resp: 16881

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.4	37.4	56.0#

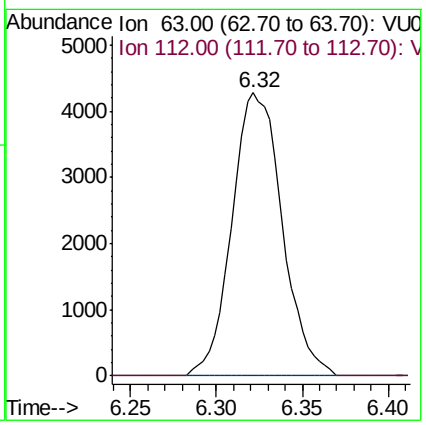


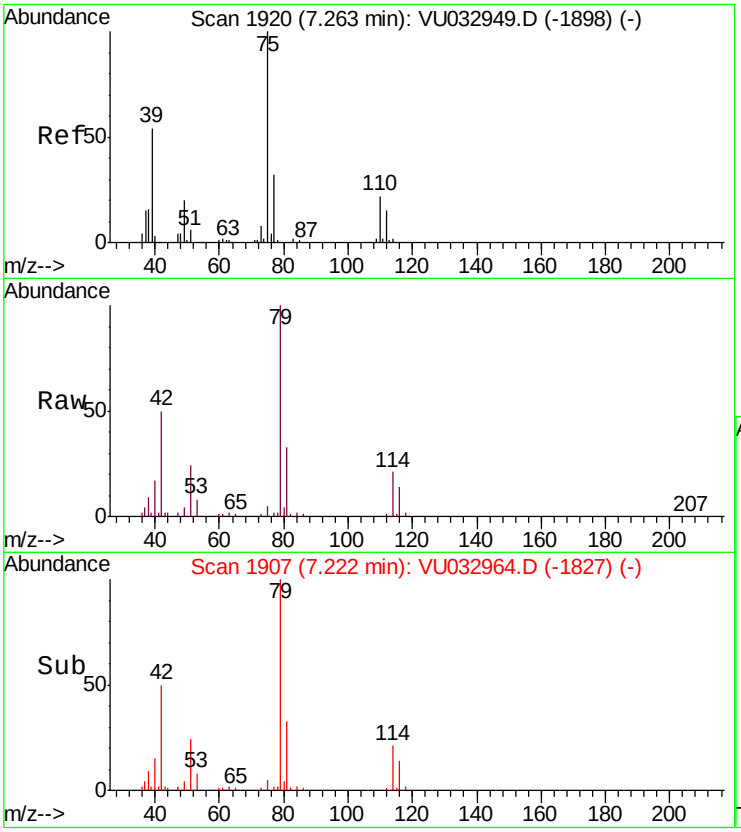


#37
1,2-Dichloropropane
Concen: 5.907 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Tgt Ion: 63 Resp: 8690

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



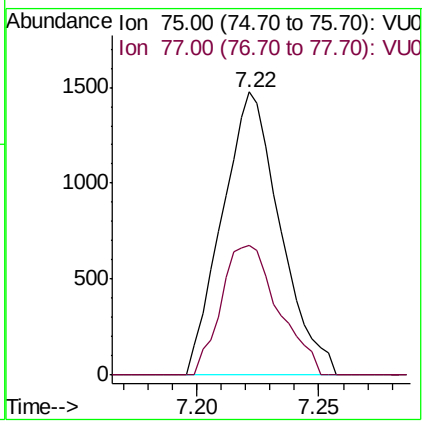


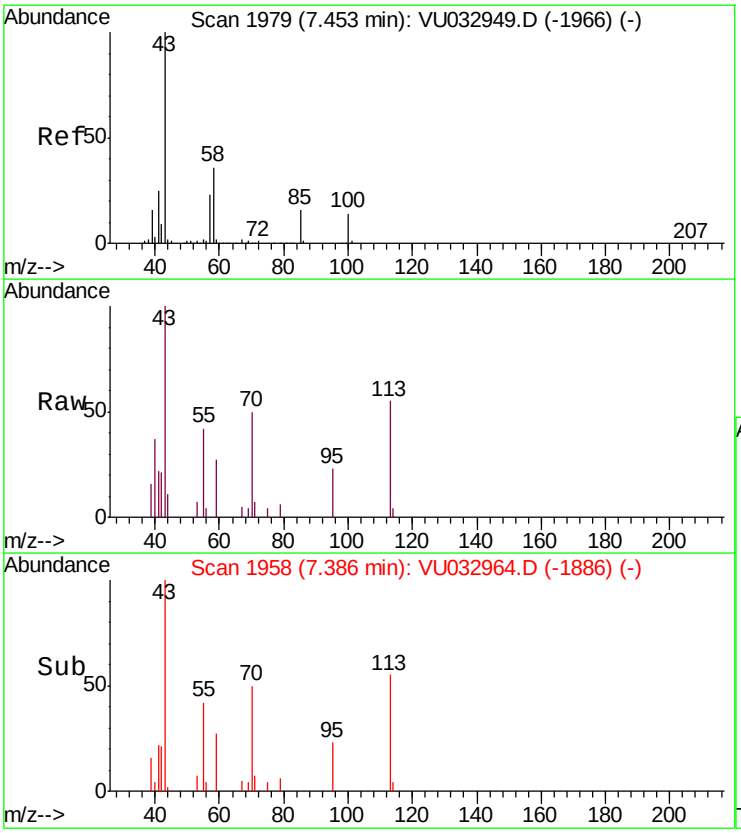
#39
cis-1,3-Dichloropropene
Concen: 1.063 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Instrument :
MSVOA_U
ClientSampleId :
ETF33MSD

Tgt Ion: 75 Resp: 2436

Ion	Ratio	Lower	Upper
75	100		
77	45.8	21.9	40.7#

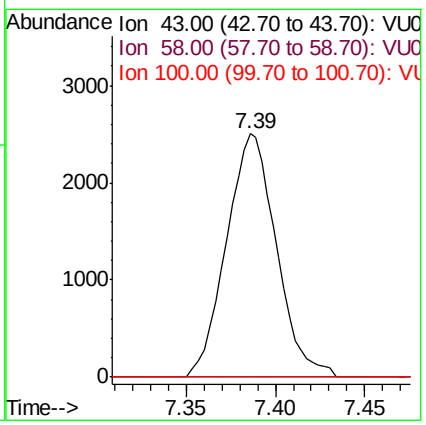


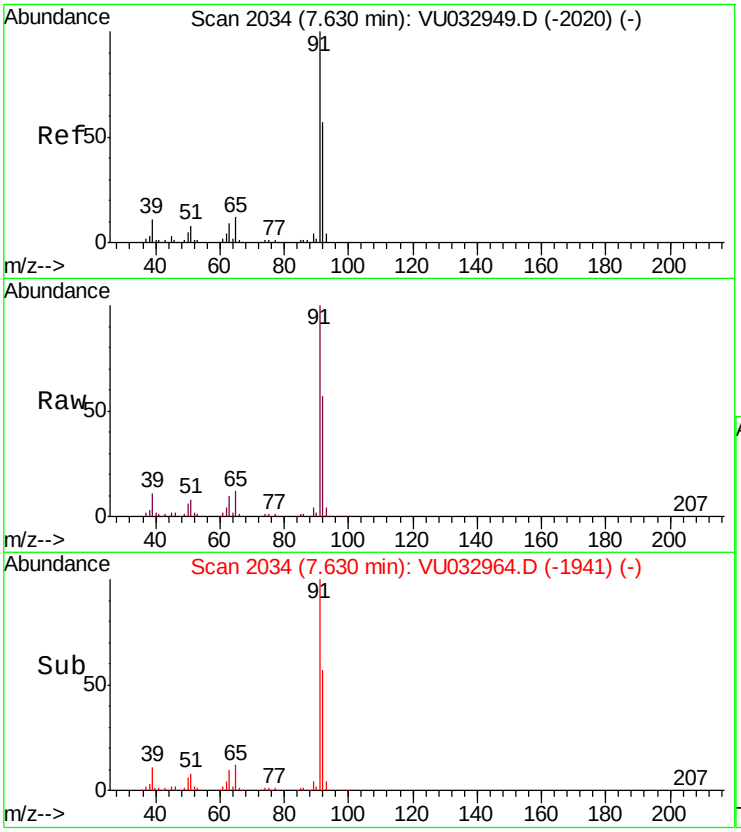


#40
4-Methyl-2-pentanone
Concen: 2.074 ug/L
RT: 7.39 min Scan# 1958
Delta R.T. -0.07 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Tgt Ion: 43 Resp: 4872

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



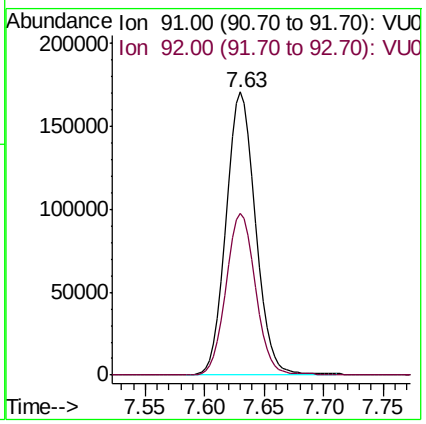


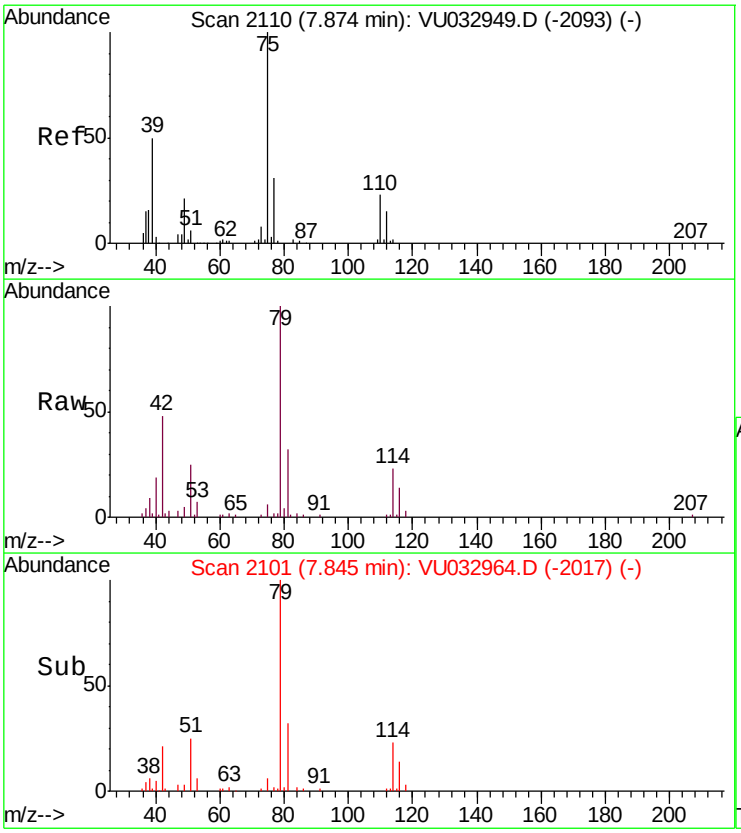
#42
Toluene
Concen: 50.588 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Instrument :
MSVOA_U
ClientSampleId :
ETF33MSD

Tgt Ion: 91 Resp: 293522

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.4	75.0

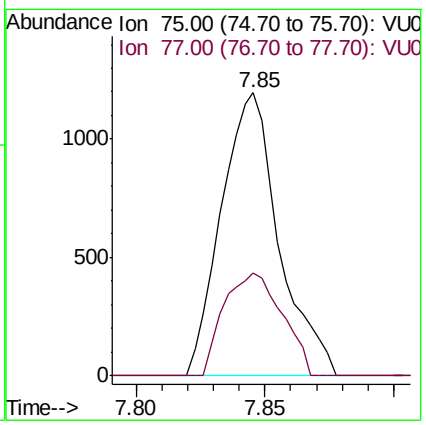


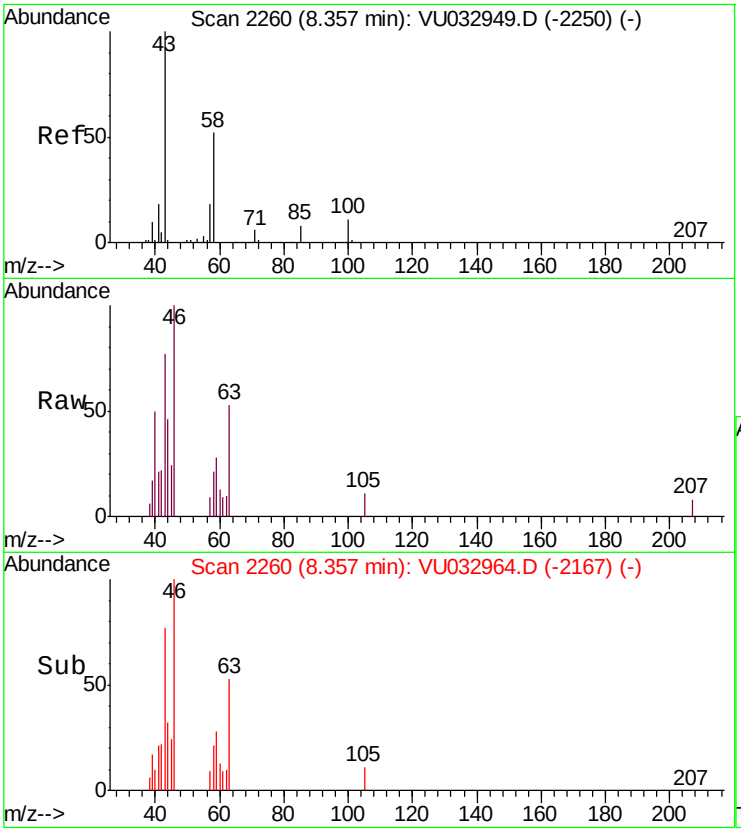


#44
trans-1,3-Dichloropropene
Concen: 0.866 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Tgt Ion: 75 Resp: 1864

Ion	Ratio	Lower	Upper
75	100		
77	36.3	21.8	40.4



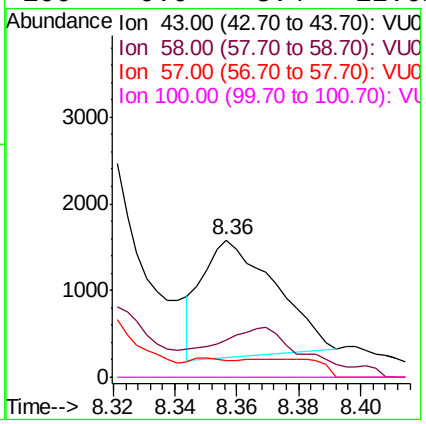


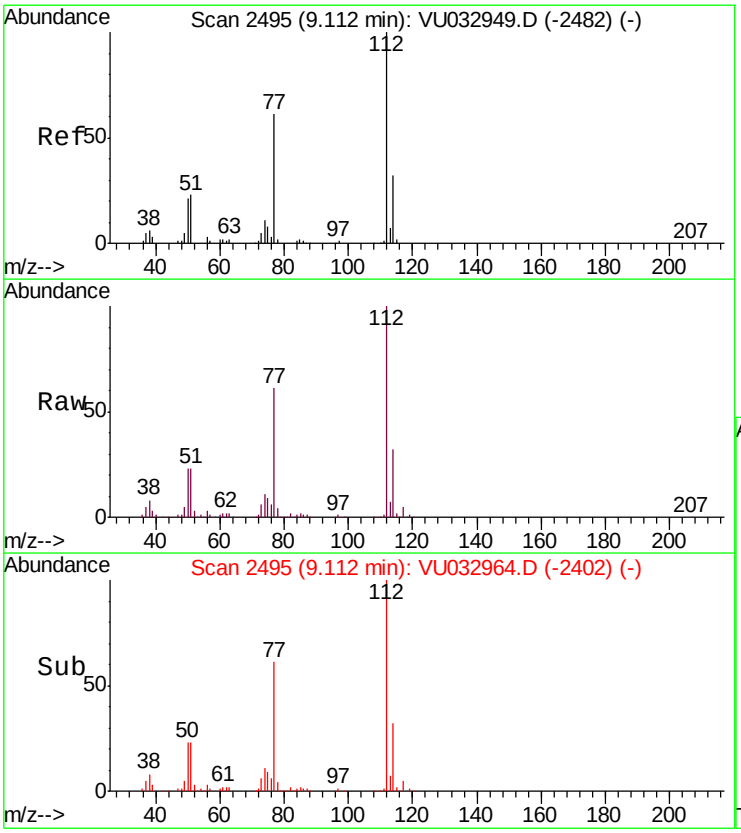
#48
2-Hexanone
Concen: 1.063 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Instrument : MSVOA_U
ClientSampleId : ETF33MSD

Tgt Ion: 43 Resp: 2202

Ion	Ratio	Lower	Upper
43	100		
58	35.0	40.2	60.2#
57	2.1	14.2	21.4#
100	0.0	8.4	12.6#





#51
Chlorobenzene
Concen: 50.054 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. 0.00 min
Lab File: VU032964.D
Acq: 21 Jun 2019 22:55

Tgt Ion:112 Resp: 191114

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.8	42.4
77	61.0	46.3	69.5