Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071919\

Quantitation Report (Not Reviewed)

Data File : VU033336.D
Acq On : 19 Jul 2019 14:50
Operator : JC/SP
Sample : K3863-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52W3

Quant Time: Jul 19 22:57:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 22:54:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	239545	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	239344	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	106595	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	90929	50.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.28%			
7) Chloroethane-d5	1.67	69	86231	55.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.32%			
11) 1,1-Dichloroethene-d2	2.26	63	123094	37.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.84%			
21) 2-Butanone-d5	4.15	46	148565	129.30	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 129.30%			
24) Chloroform-d	4.62	84	165604	54.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.98%			
26) 1,2-Dichloroethane-d4	5.29	65	114818	58.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.82%			
32) Benzene-d6	5.32	84	325695	55.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.94%			
36) 1,2-Dichloropropane-d6	6.31	67	109367	58.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 116.30%			
41) Toluene-d8	7.55	98	289531	52.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.58%			
43) trans-1,3-Dichloropropene-	7.83	79	51624	55.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.94%			
47) 2-Hexanone-d5	8.29	63	104327	123.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.04%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	163623	57.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.96%			
64) 1,2-Dichlorobenzene-d4	11.85	152	108973	57.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.66%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1130	0.691	ug/L #	21
13) Acetone	2.31	43	81041	56.452	ug/L	99
22) 2-Butanone	4.24	43	20849	13.073	ug/L	99
37) 1,2-Dichloropropane	6.31	63	12097	6.391	ug/L #	88
40) 4-Methyl-2-pentanone	7.45	43	4567	1.798	ug/L #	86
44) trans-1,3-Dichloropropene	7.83	75	2528	0.966	ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	14680	5.957	ug/L	93
69) Naphthalene	13.74	128	5002	0.753	ug/L #	85

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071919\

Quantitation Report (Not Reviewed)

Data File : VU033336.D
Acq On : 19 Jul 2019 14:50
Operator : JC/SP
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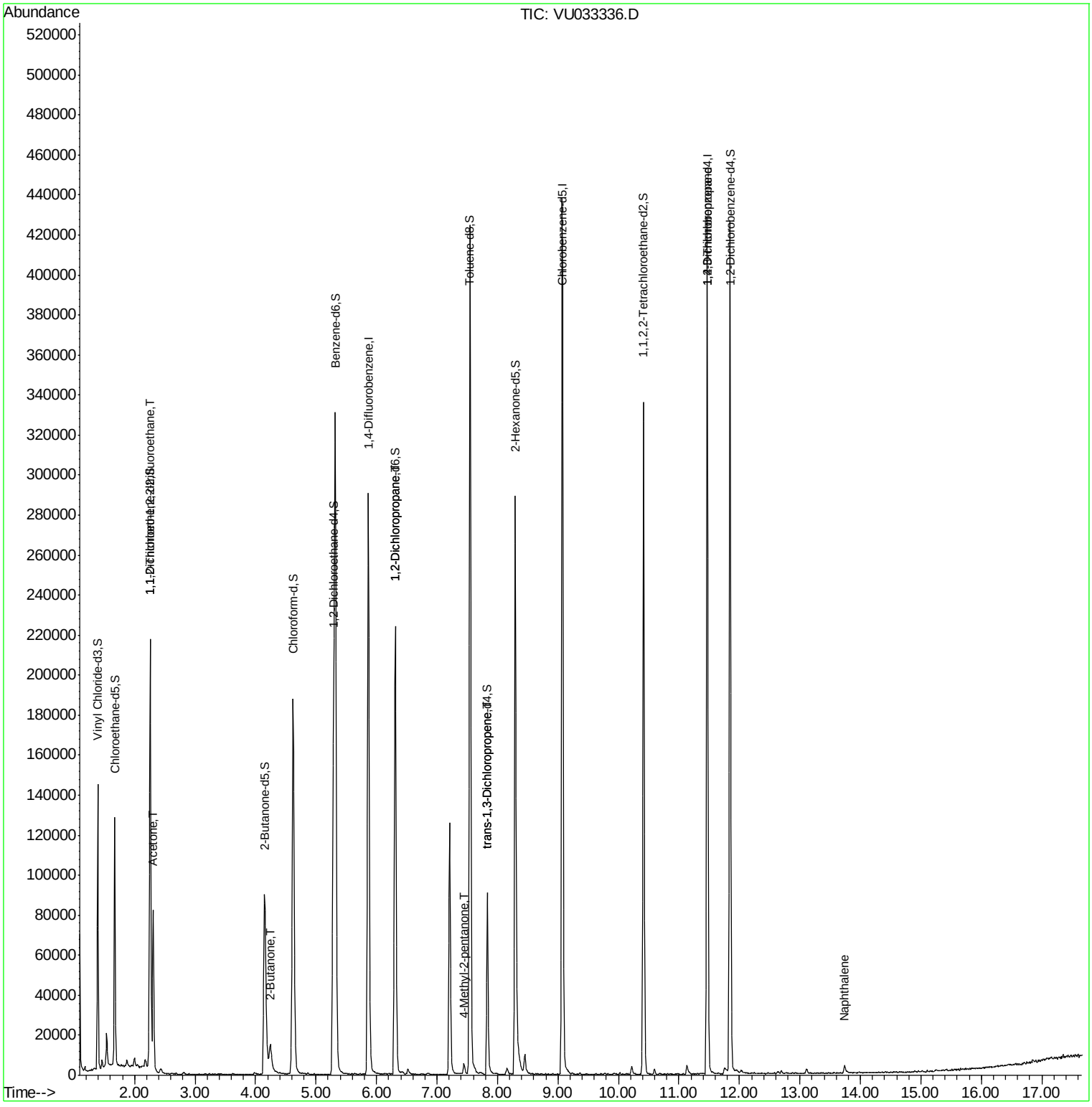
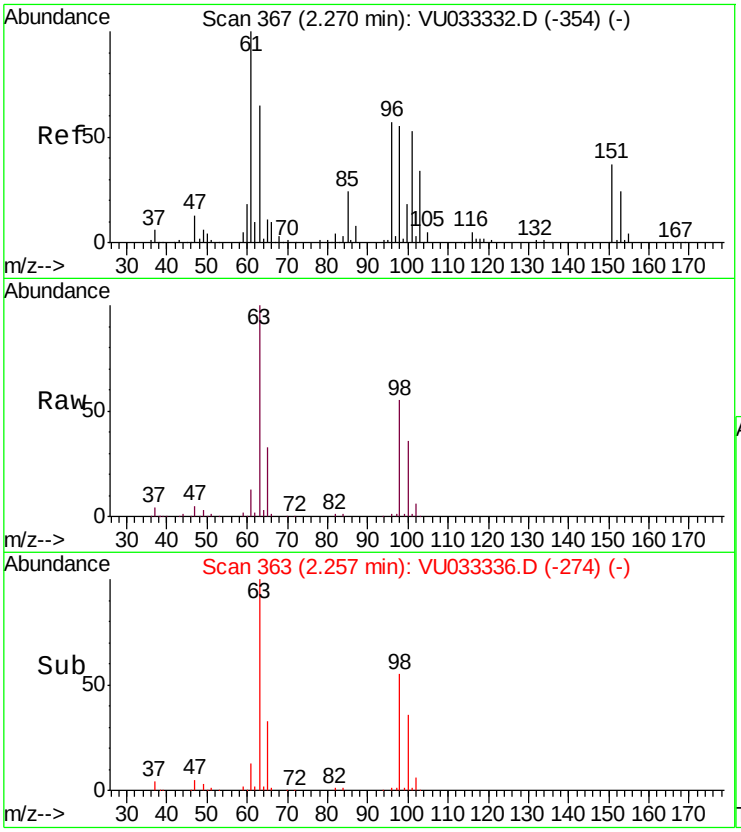
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52W3

Quant Time: Jul 19 22:57:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 22:54:17 2019
Response via : Initial Calibration



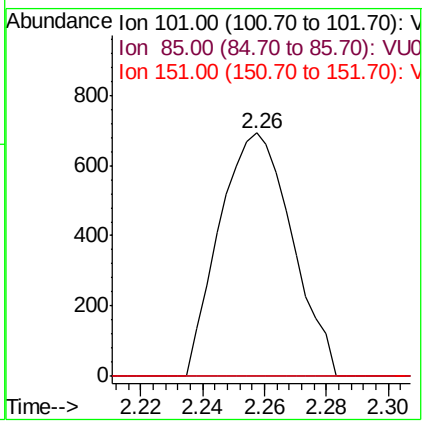


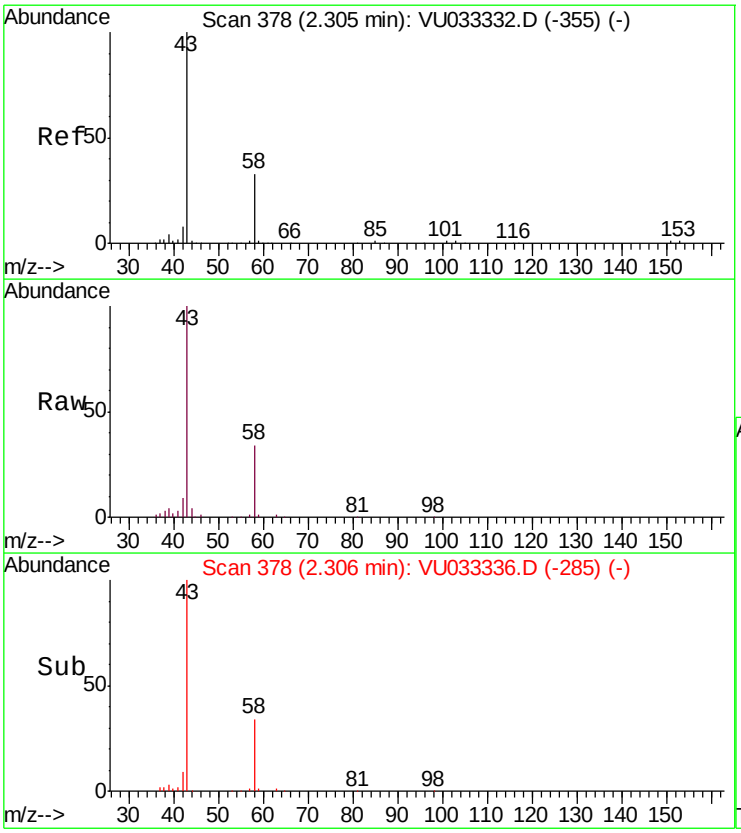
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.691 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033336.D
Acq: 19 Jul 2019 14:50

Instrument :
MSVOA_U
ClientSampleId :
A52W3

Tgt Ion:101 Resp: 1130

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	56.7	85.1#

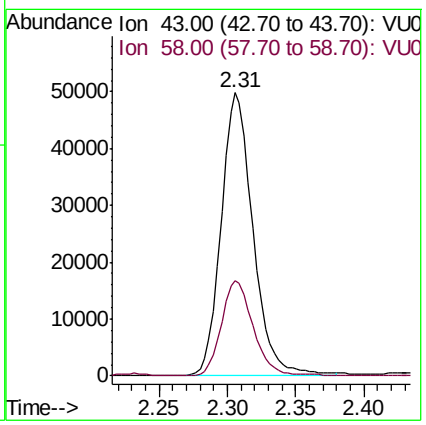


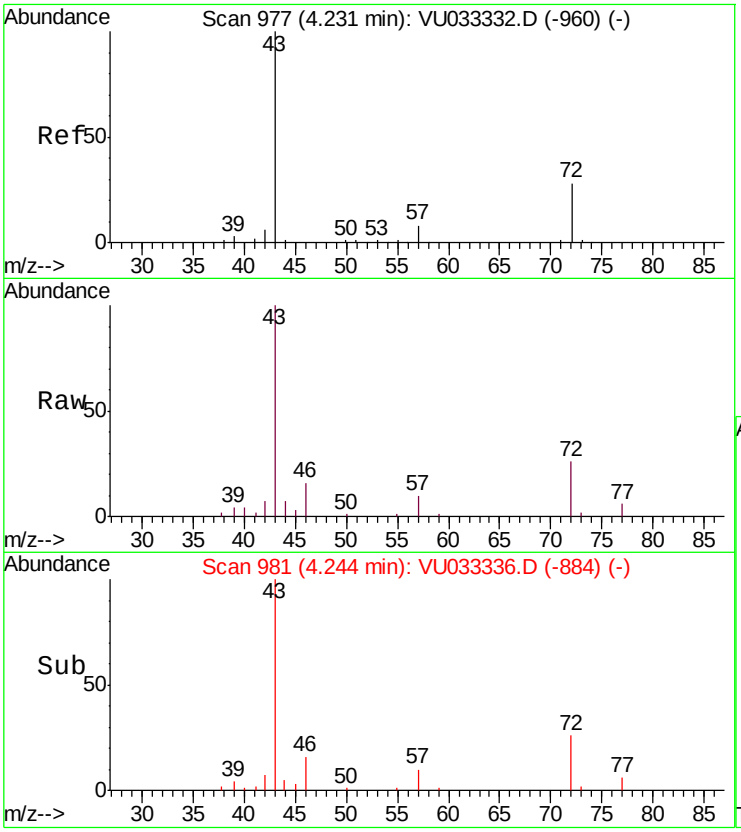


#13
Acetone
Concen: 56.452 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU033336.D
Acq: 19 Jul 2019 14:50

Tgt Ion: 43 Resp: 81041

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	65.4



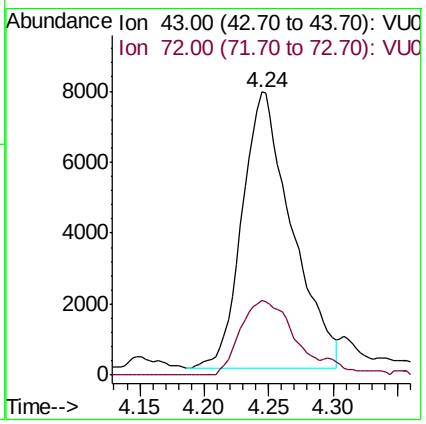


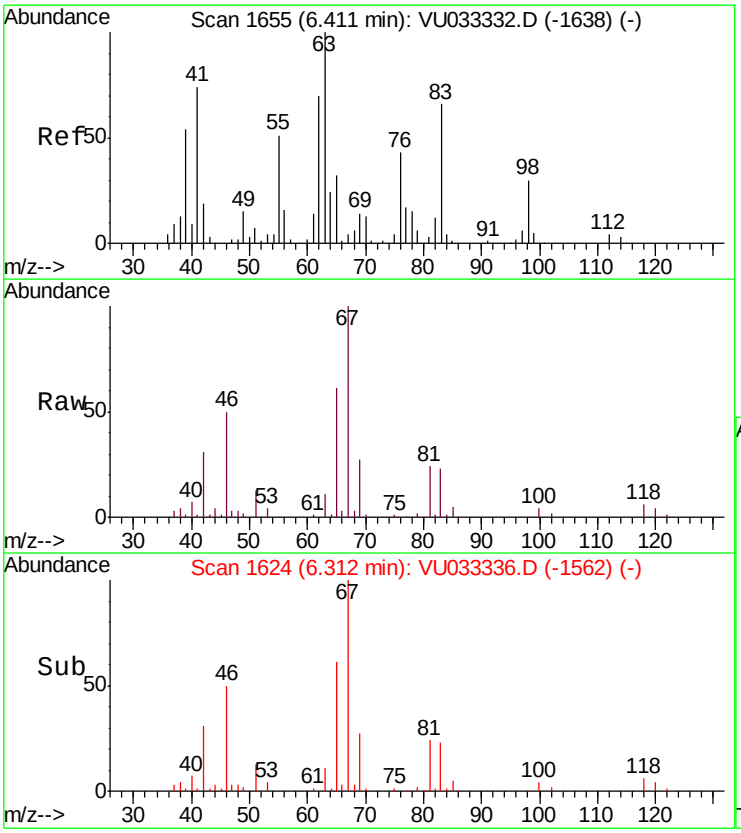
#22
2-Butanone
Concen: 13.073 ug/L
RT: 4.24 min Scan# 981
Delta R.T. 0.01 min
Lab File: VU033336.D
Acq: 19 Jul 2019 14:50

Instrument :
MSVOA_U
ClientSampleId :
A52W3

Tgt Ion: 43 Resp: 20849

Ion	Ratio	Lower	Upper
43	100		
72	28.3	14.4	43.2

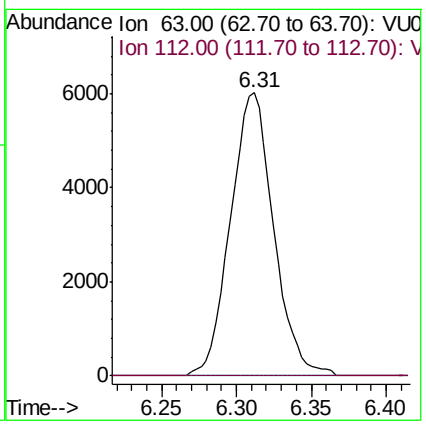


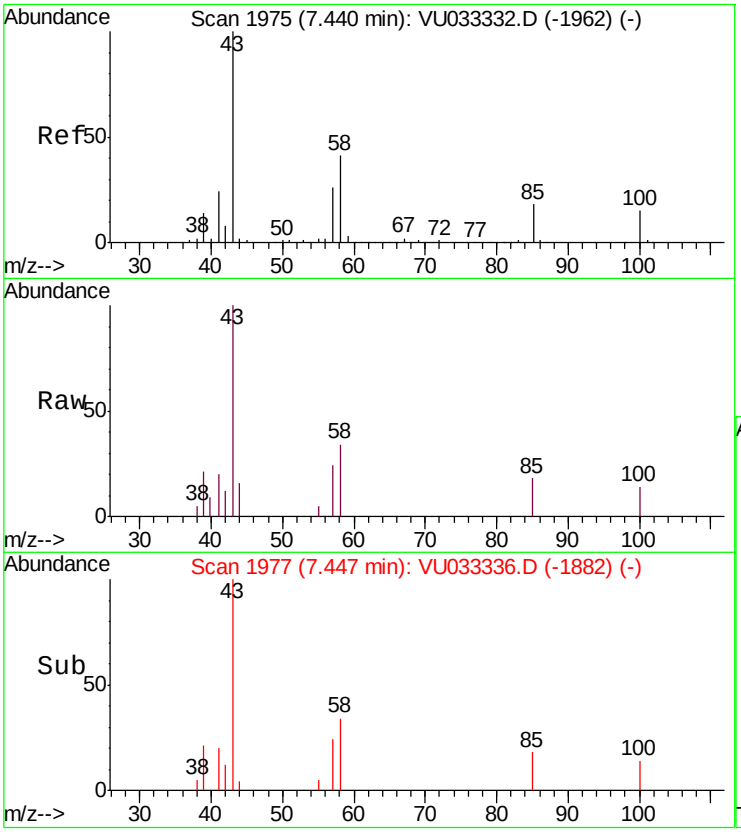


#37
1,2-Dichloropropane
Concen: 6.391 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033336.D
Acq: 19 Jul 2019 14:50

Tgt Ion: 63 Resp: 12097

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



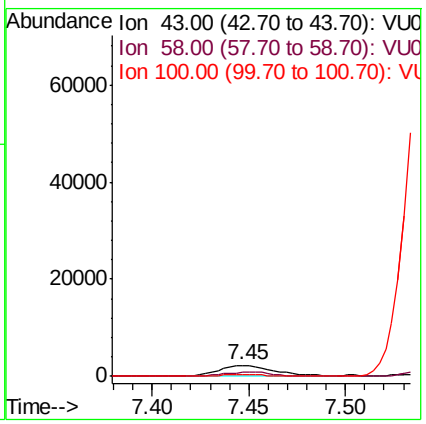


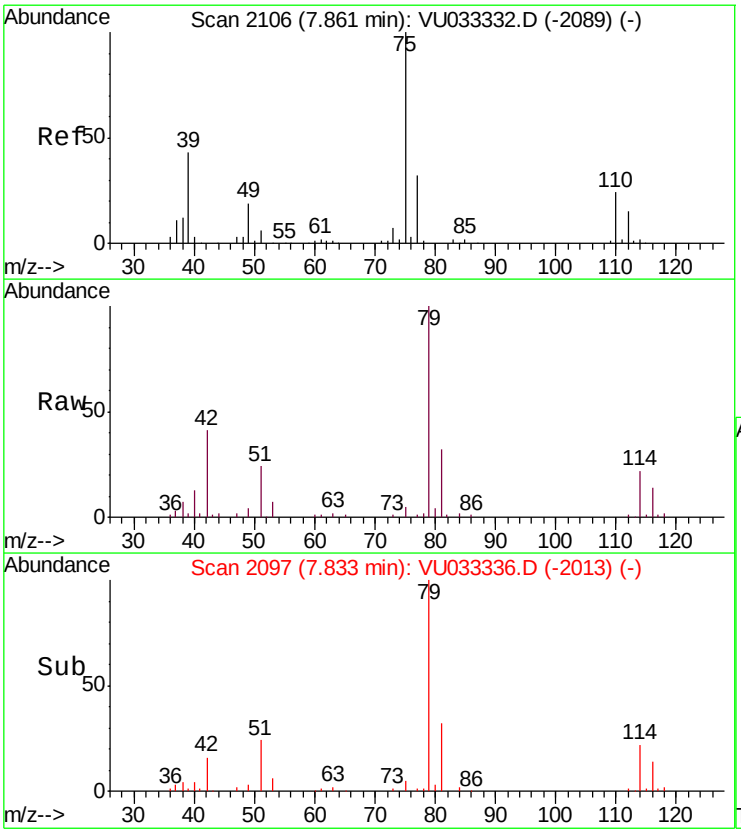
#40
4-Methyl-2-pentanone
Concen: 1.798 ug/L
RT: 7.45 min Scan# 1977
Delta R.T. 0.01 min
Lab File: VU033336.D
Acq: 19 Jul 2019 14:50

Instrument :
MSVOA_U
ClientSampleId :
A52W3

Tgt Ion: 43 Resp: 4567

Ion	Ratio	Lower	Upper
43	100		
58	31.8	33.3	49.9#
100	10.4	12.1	18.1#

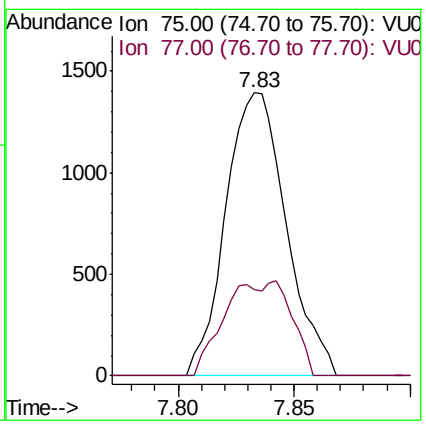


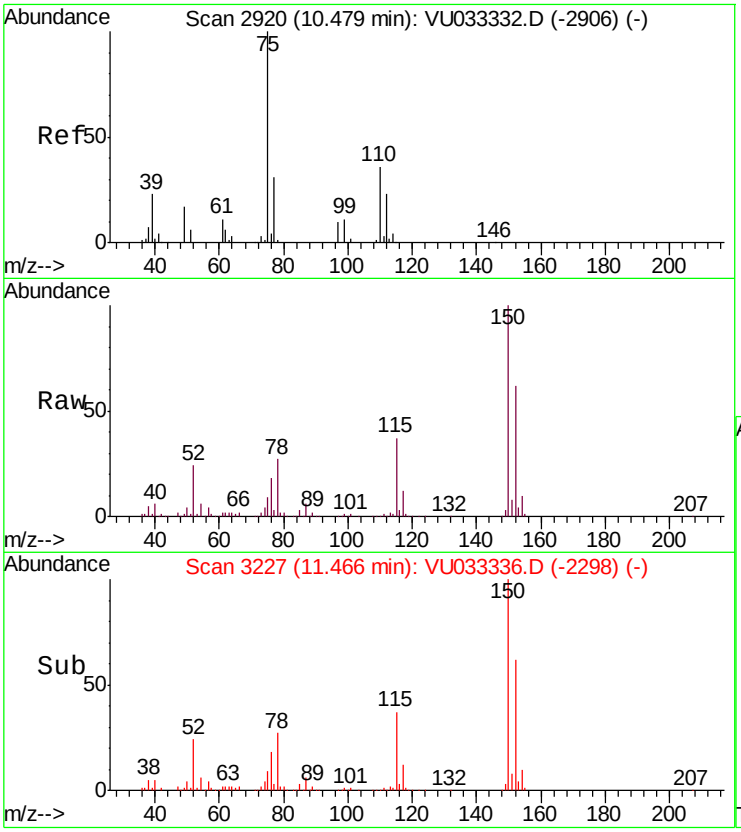


#44
trans-1,3-Dichloropropene
Concen: 0.966 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033336.D
Acq: 19 Jul 2019 14:50

Tgt Ion: 75 Resp: 2528

Ion	Ratio	Lower	Upper
75	100		
77	30.6	22.4	41.6



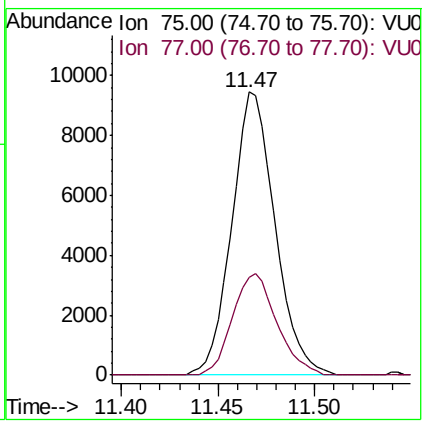


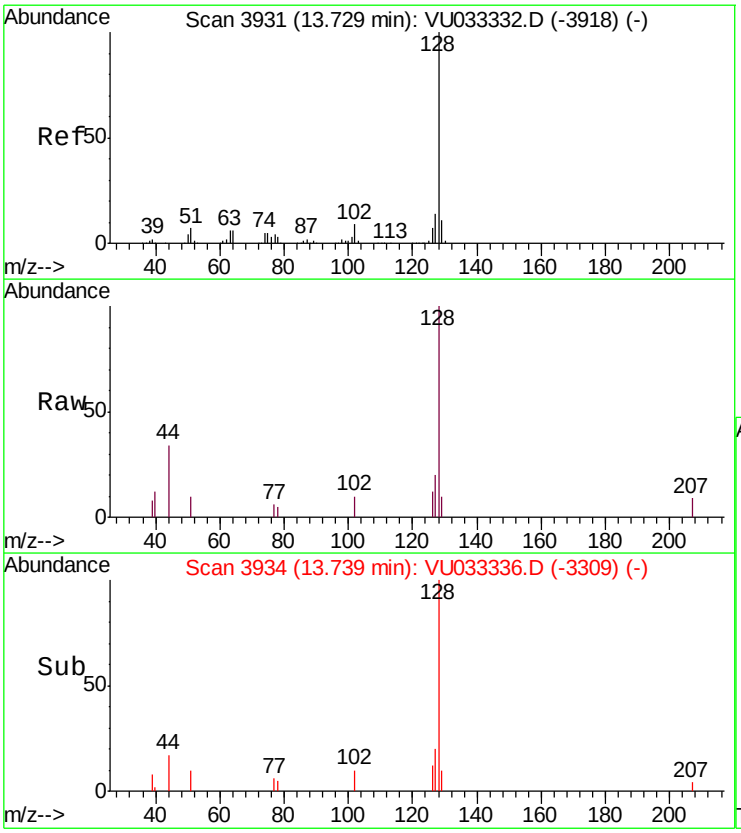
#59
1,2,3-Trichloropropane
Concen: 5.957 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033336.D
Acq: 19 Jul 2019 14:50

Instrument : MSVOA_U
ClientSampleId : A52W3

Tgt Ion: 75 Resp: 14680

Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.0	39.0





#69
Naphthalene
Concen: 0.753 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.01 min
Lab File: VU033336.D
Acq: 19 Jul 2019 14:50

Tgt Ion:128 Resp: 5002

Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.8	16.2#
129	1.8	8.7	13.1#