Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

Quantitation Report (Not Reviewed)

Data File : VU029555.D
Acq On : 19 Feb 2019 15:16
Operator : JC/SP
Sample : K1489-07DL 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXG4DL

Quant Time: Feb 20 00:12:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207999	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106300	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	55870	4.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.00%			
7) Chloroethane-d5	1.68	69	53957	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.27	63	90620	2.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.60%#			
20) 2-Butanone-d5	4.19	46	152593	52.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.04%			
24) Chloroform-d	4.65	84	81969	3.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.80%			
26) 1,2-Dichloroethane-d4	5.31	65	57475	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.34	84	219186	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.33	67	69491	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.56	98	211366	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.85	79	26783	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.31	63	149632	50.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.50%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60663	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	94921	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	4390	0.219	ug/L #	17
6) Bromomethane	1.63	94	565	0.048	ug/L	83
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	872	0.048	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1089	0.064	ug/L #	1
22) cis-1,2-Dichloroethene	4.22	96	6998	0.417	ug/L	98
25) Chloroform	4.67	83	25188	0.915	ug/L	92
34) Trichloroethene	6.18	95	932	0.056	ug/L	84
35) Methylcyclohexane	6.33	83	16508	0.588	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7273	0.489	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1682	0.072	ug/L #	61
48) 2-Hexanone	8.37	43	3868	0.619	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	11572	1.213	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	702	0.316	ug/L #	1

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

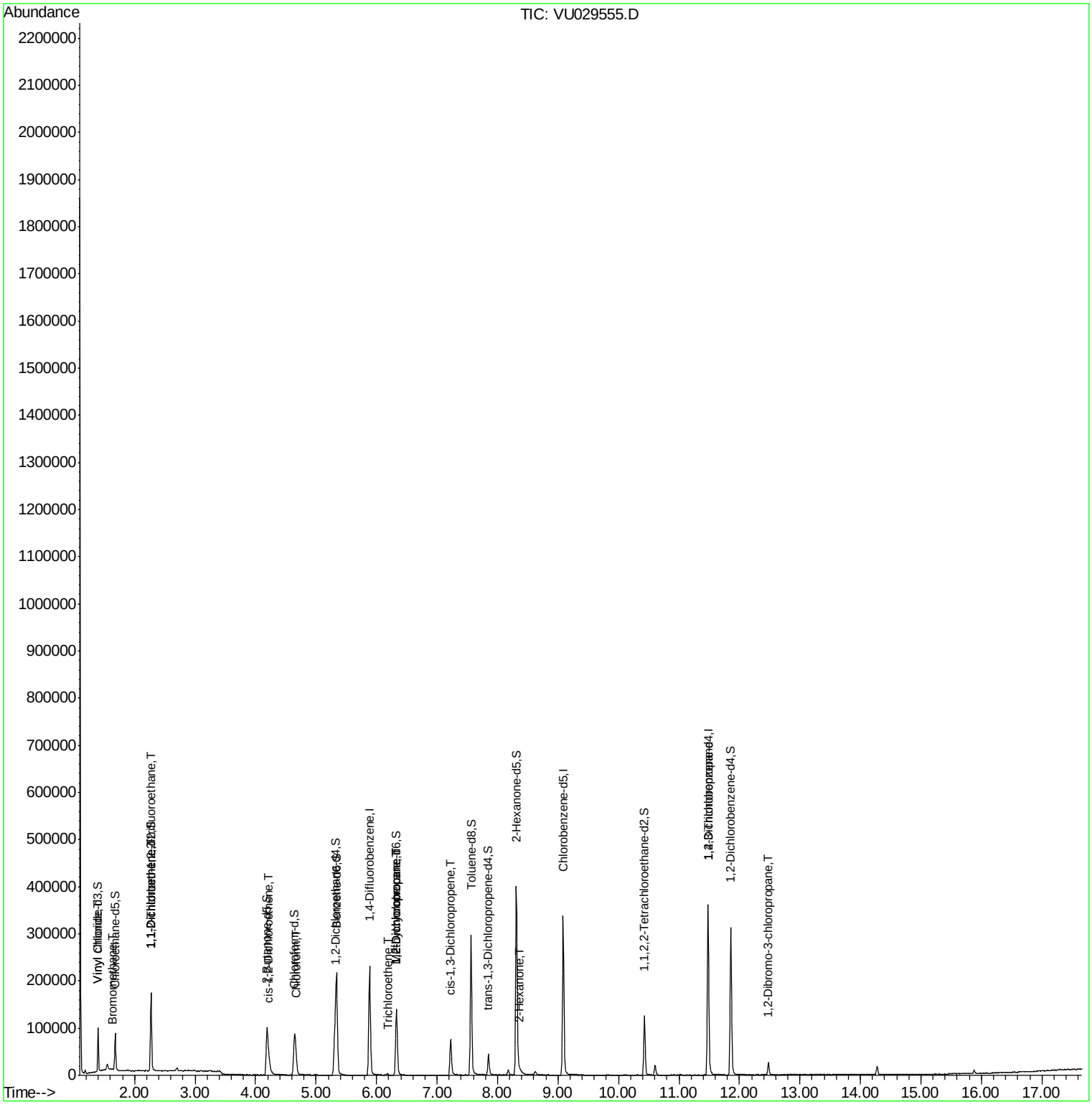
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

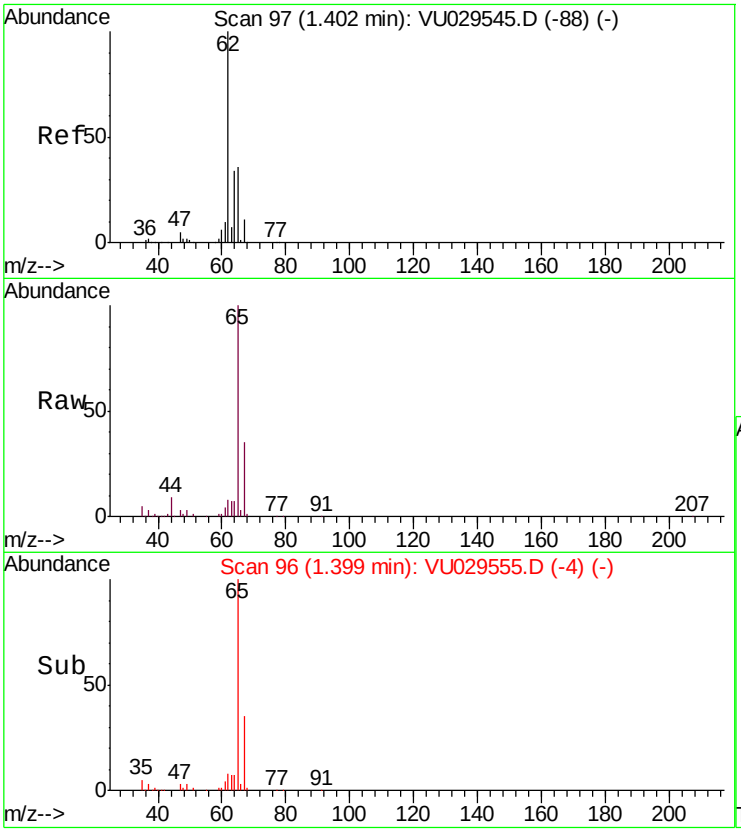
Quantitation Report (Not Reviewed)

Data File : VU029555.D
Acq On : 19 Feb 2019 15:16
Operator : JC/SP
Sample : K1489-07DL 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXG4DL

Quant Time: Feb 20 00:12:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration



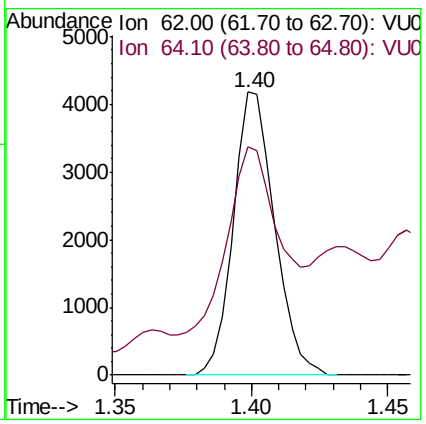


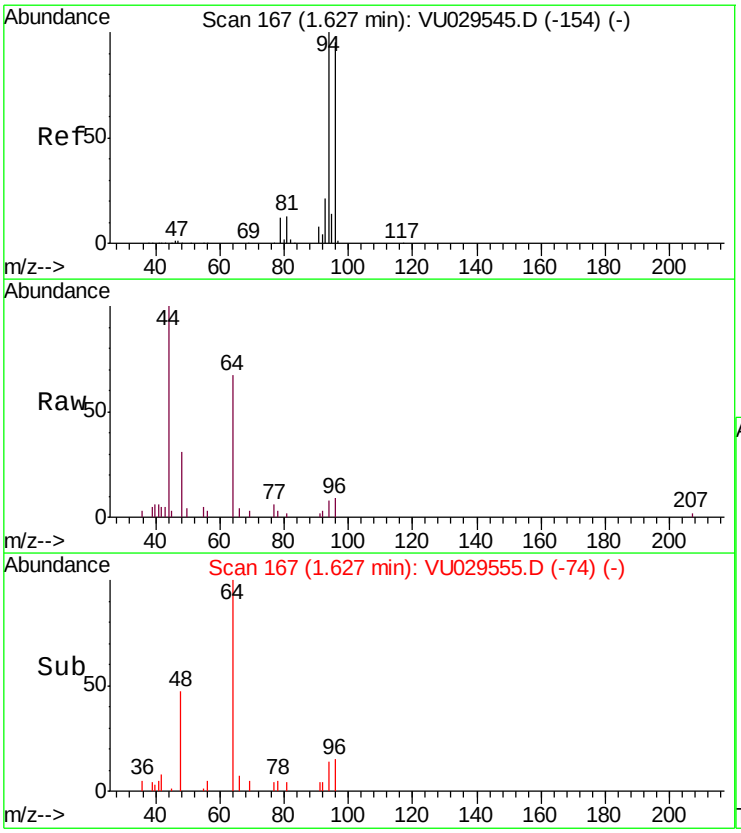
#5
Vinyl chloride
Concen: 0.219 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Instrument :
MSVOA_U
ClientSampleId :
ESXG4DL

Tgt Ion: 62 Resp: 4390

Ion	Ratio	Lower	Upper
62	100		
64	80.6	23.5	43.7#

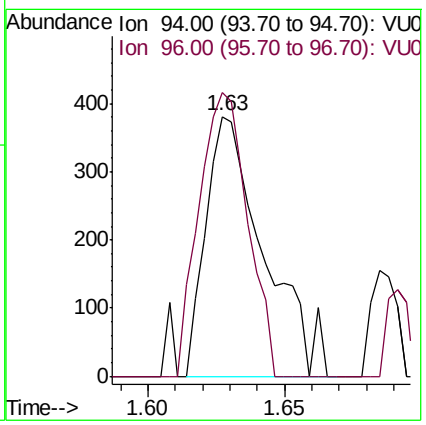


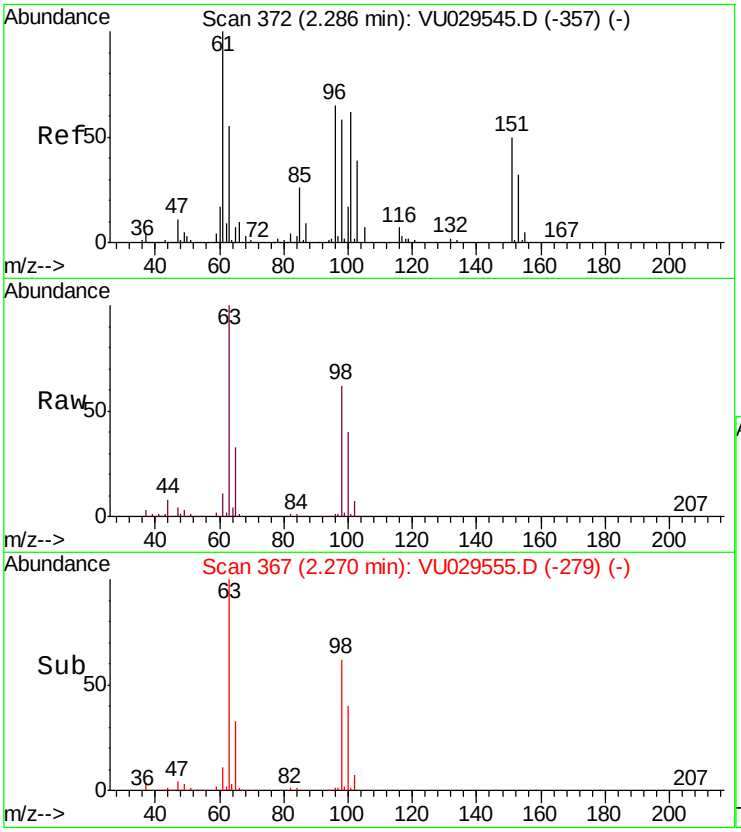


#6
Bromomethane
Concen: 0.048 ug/L
RT: 1.63 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Tgt Ion: 94 Resp: 565

Ion	Ratio	Lower	Upper
94	100		
96	109.2	65.2	121.0



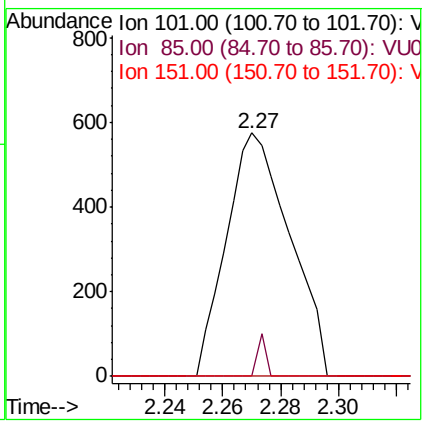


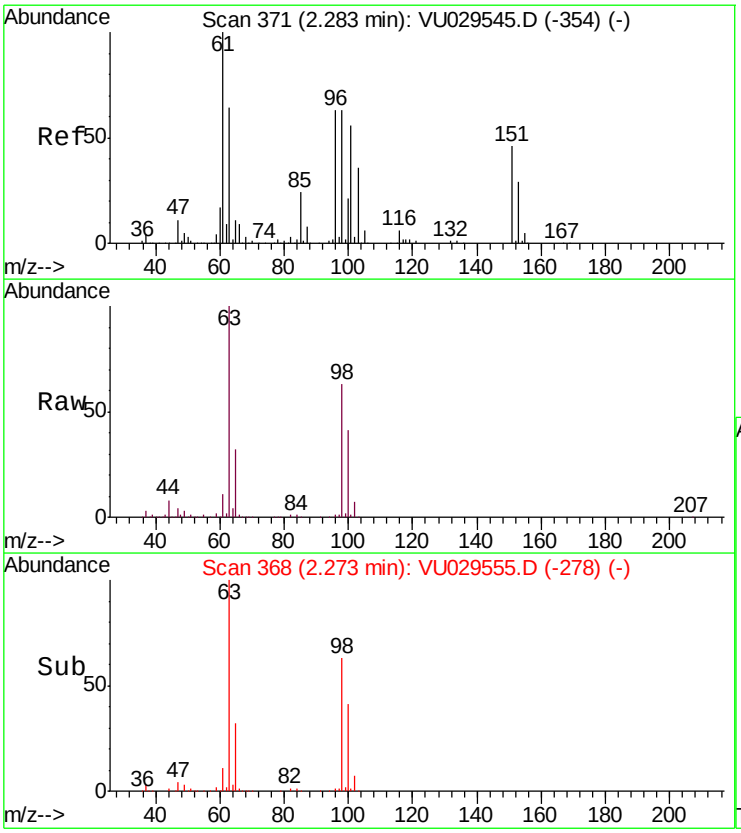
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Instrument :
MSVOA_U
ClientSampleId :
ESXG4DL

Tgt Ion:101 Resp: 872

Ion	Ratio	Lower	Upper
101	100		
85	2.2	35.1	52.7#
151	0.0	67.0	100.6#

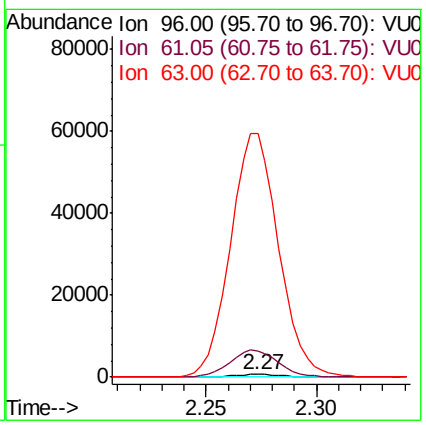


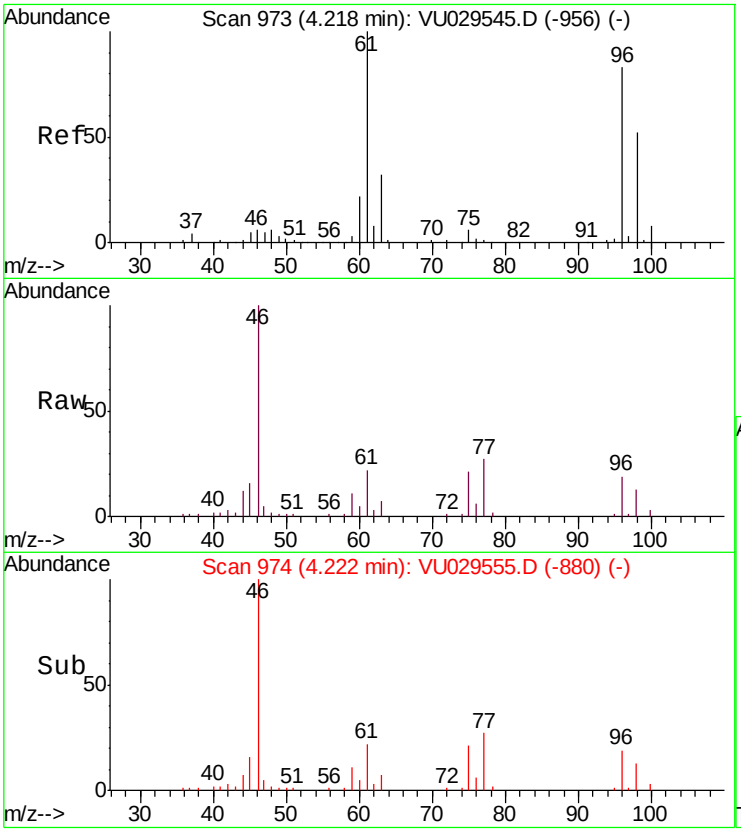


#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Tgt Ion: 96 Resp: 1089

Ion	Ratio	Lower	Upper
96	100		
61	974.7	115.1	213.7#
63	9058.9	83.5	155.1#



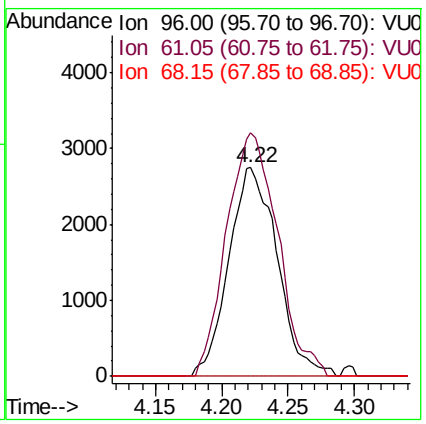


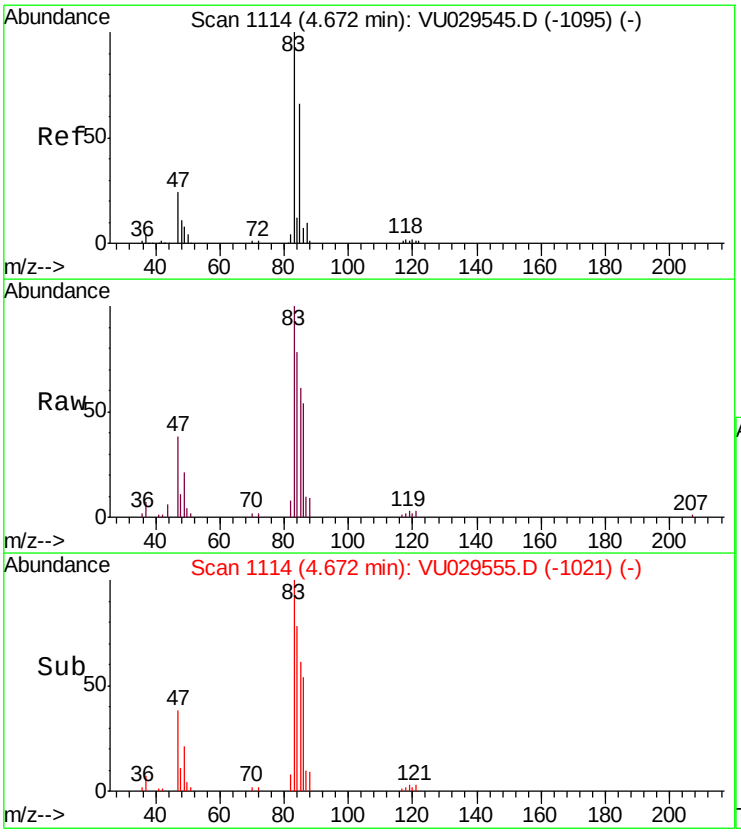
#22
cis-1,2-Dichloroethene
Concen: 0.417 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Instrument :
MSVOA_U
ClientSampleId :
ESXG4DL

Tgt Ion: 96 Resp: 6998

Ion	Ratio	Lower	Upper
96	100		
61	116.6	79.9	148.5
68	0.0	0.0	0.0

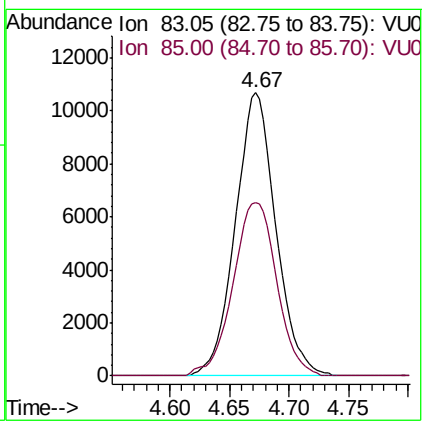


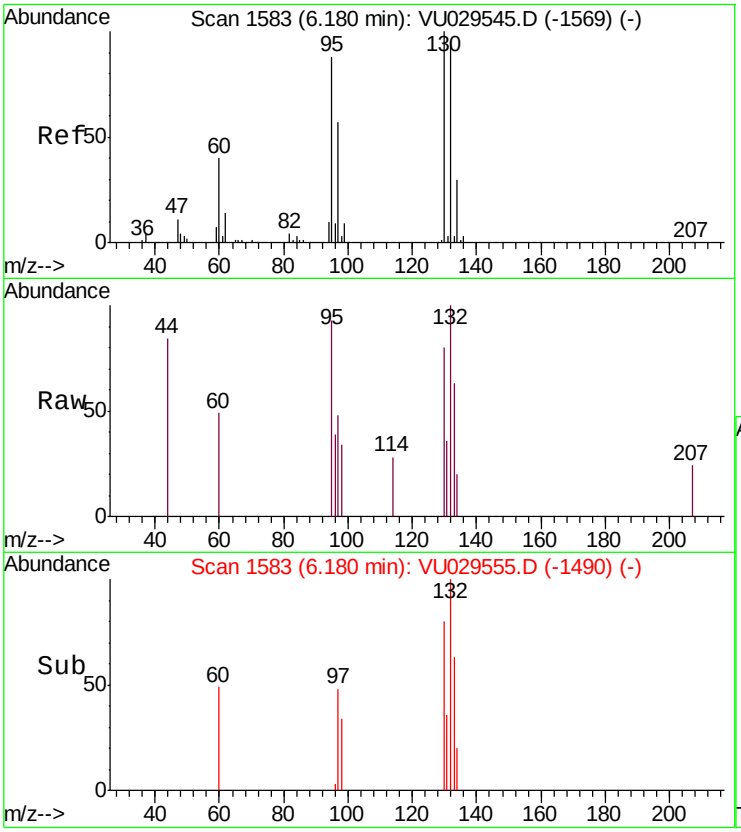


#25
Chloroform
Concen: 0.915 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Tgt Ion: 83 Resp: 25188

Ion	Ratio	Lower	Upper
83	100		
85	61.4	47.8	88.8



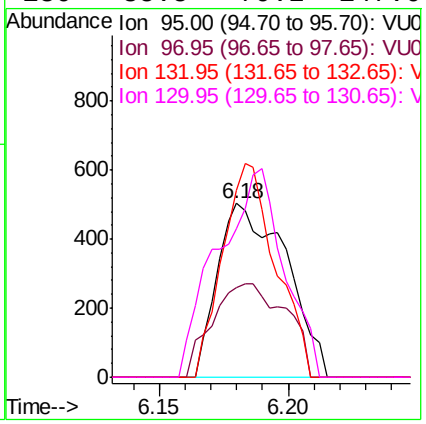


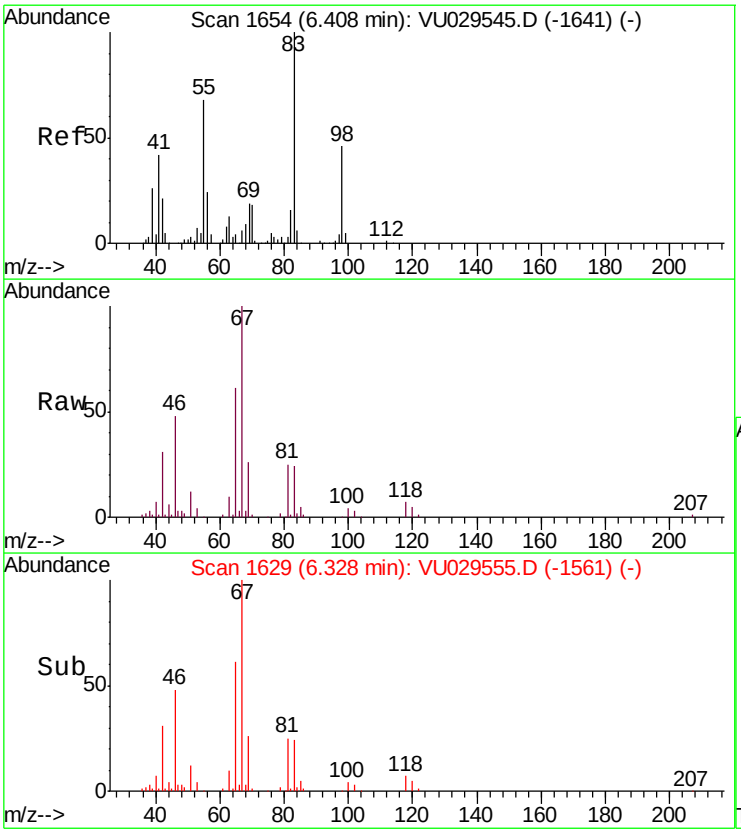
#34
Trichloroethene
Concen: 0.056 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Instrument : MSVOA_U
ClientSampleId : ESXG4DL

Tgt Ion: 95 Resp: 932

Ion	Ratio	Lower	Upper
95	100		
97	51.6	46.3	86.1
132	107.1	72.9	135.3
130	85.5	79.2	147.0

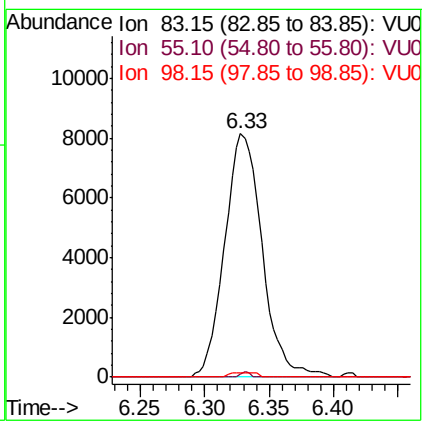


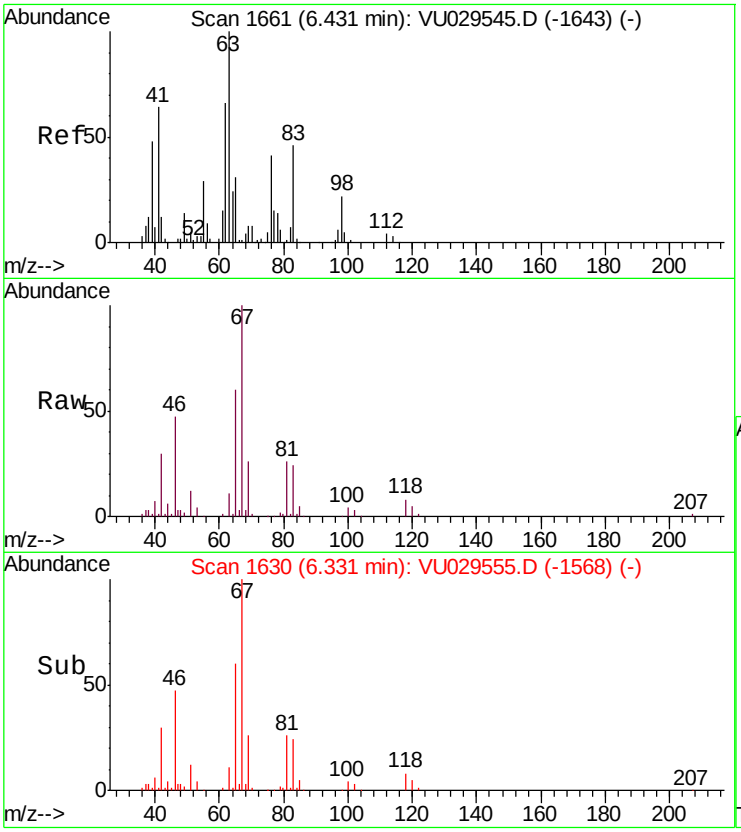


#35
Methylcyclohexane
Concen: 0.588 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Tgt Ion: 83 Resp: 16508

Ion	Ratio	Lower	Upper
83	100		
55	0.5	55.9	83.9#
98	0.8	38.6	57.8#



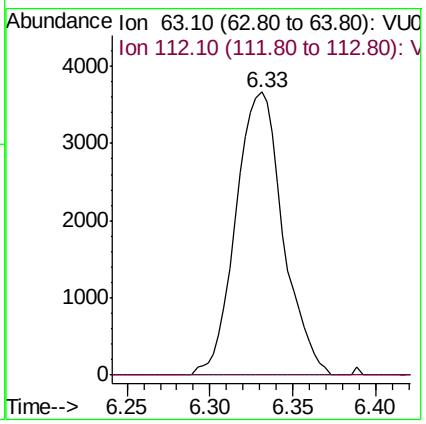


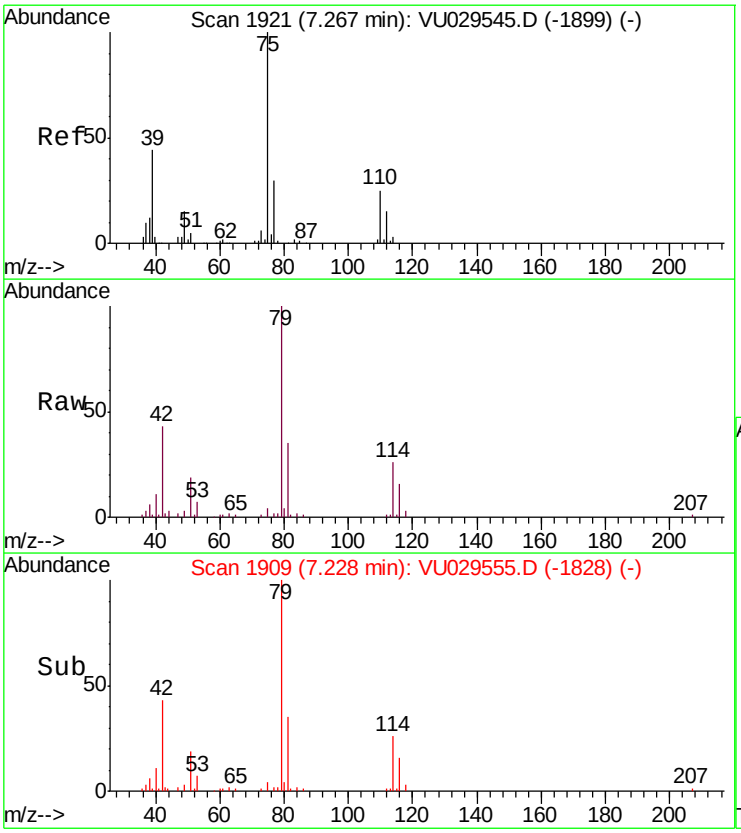
#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Instrument :
MSVOA_U
ClientSampleId :
ESXG4DL

Tgt Ion: 63 Resp: 7273

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

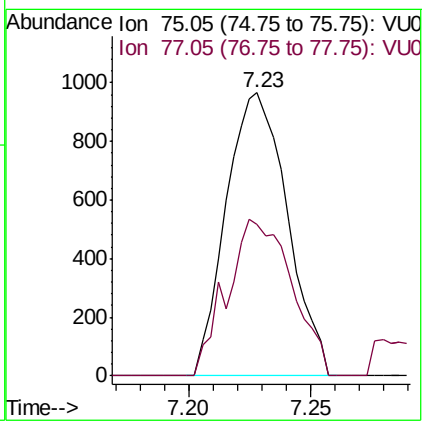


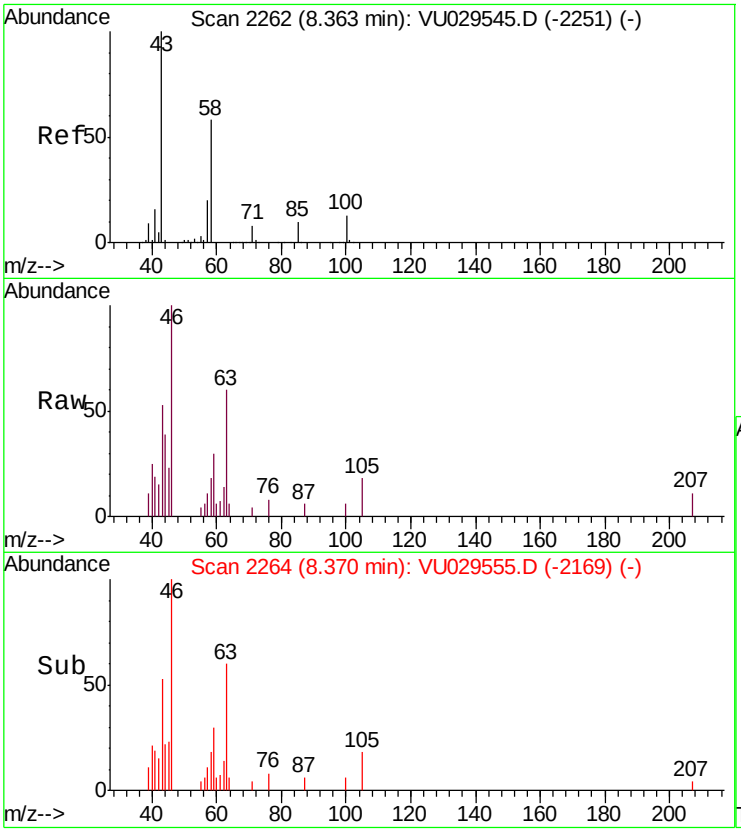


#39
cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Tgt Ion: 75 Resp: 1682

Ion	Ratio	Lower	Upper
75	100		
77	53.5	22.3	41.3#



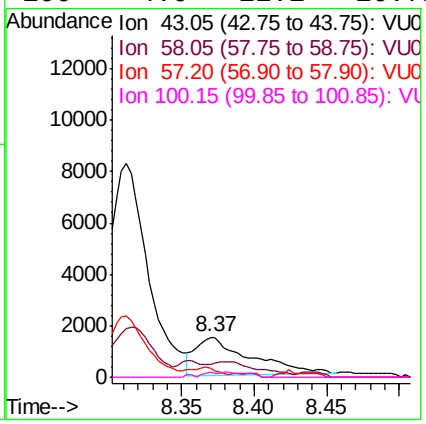


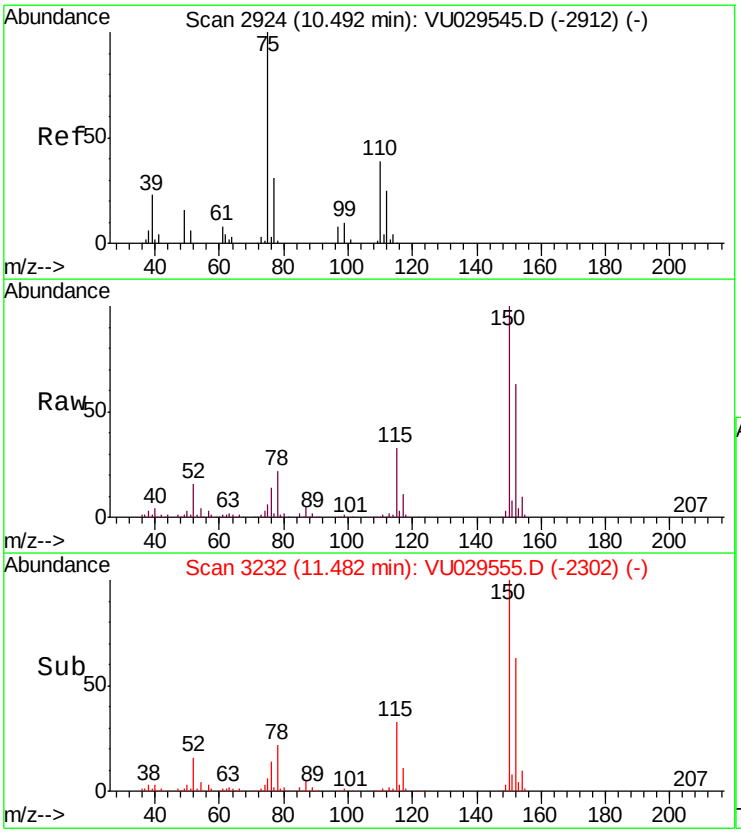
#48
2-Hexanone
Concen: 0.619 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Instrument : MSVOA_U
ClientSampleId : ESXG4DL

Tgt Ion: 43 Resp: 3868

Ion	Ratio	Lower	Upper
43	100		
58	36.6	45.7	68.5#
57	9.5	16.4	24.6#
100	4.0	11.1	16.7#

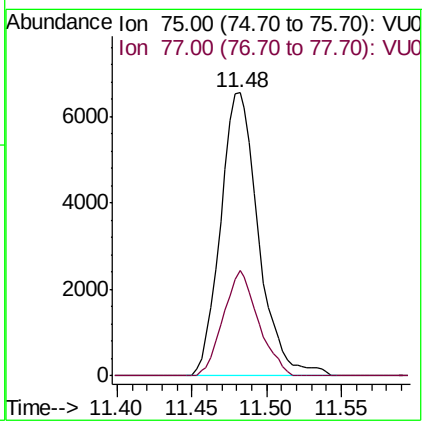


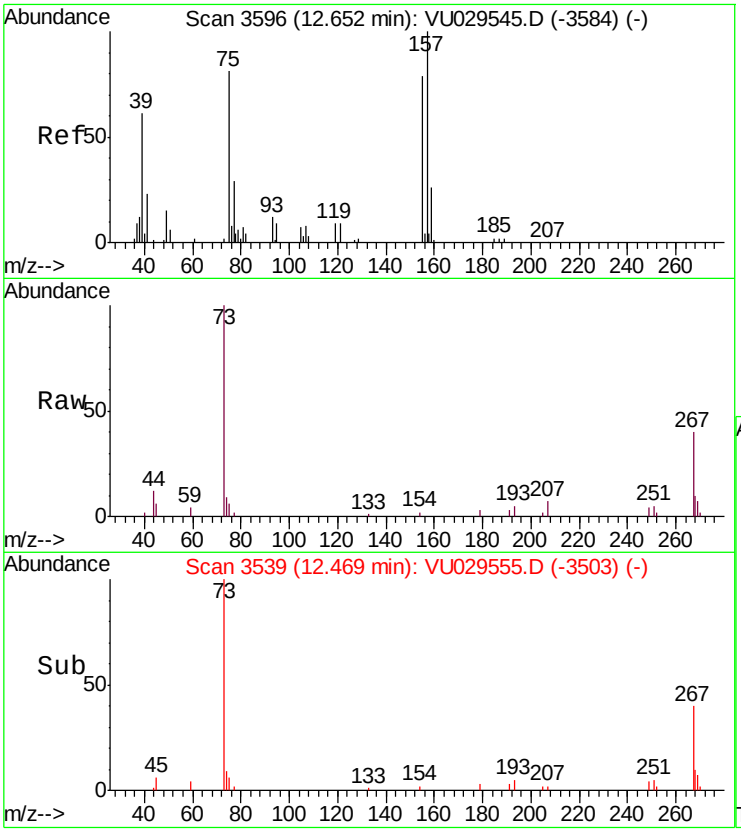


#59
1,2,3-Trichloropropane
Concen: 1.213 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Tgt Ion: 75 Resp: 11572

Ion	Ratio	Lower	Upper
75	100		
77	34.4	28.2	42.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.316 ug/L
RT: 12.47 min Scan# 3539
Delta R.T. -0.18 min
Lab File: VU029555.D
Acq: 19 Feb 2019 15:16

Instrument :
MSVOA_U
ClientSampleId :
ESXG4DL

Tgt Ion: 75 Resp: 702

Ion	Ratio	Lower	Upper
75	100		
155	0.0	75.3	112.9#
157	0.0	103.0	154.4#