Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021819\
Data File : VU029539.D
Acq On : 18 Feb 2019 18:55
Operator : JC/SP
Sample : K1522-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN8

Quant Time: Feb 19 01:58:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	212601	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205870	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112739	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	55801	3.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.20%			
7) Chloroethane-d5	1.68	69	52007	4.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.40%			
11) 1,1-Dichloroethene-d2	2.27	63	101671	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.19	46	146078	49.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.38%			
24) Chloroform-d	4.65	84	93845	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
26) 1,2-Dichloroethane-d4	5.31	65	58458	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.34	84	215728	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
36) 1,2-Dichloropropane-d6	6.33	67	67482	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.56	98	212703	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	7.85	79	27897	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.31	63	150467	50.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59956	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	93636	4.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	60380	1.927	ug/L	100
12) 1,1-Dichloroethene	2.29	96	19691	1.125	ug/L #	55
22) cis-1,2-Dichloroethene	4.22	96	6249	0.364	ug/L	89
25) Chloroform	4.67	83	14858	0.528	ug/L	97
27) 1,2-Dichloroethane	5.41	62	22130	1.360	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	9891	0.388	ug/L	93
34) Trichloroethene	6.18	95	1438356	84.421	ug/L	97
47) Tetrachloroethene	8.22	164	33621	2.154	ug/L	98

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

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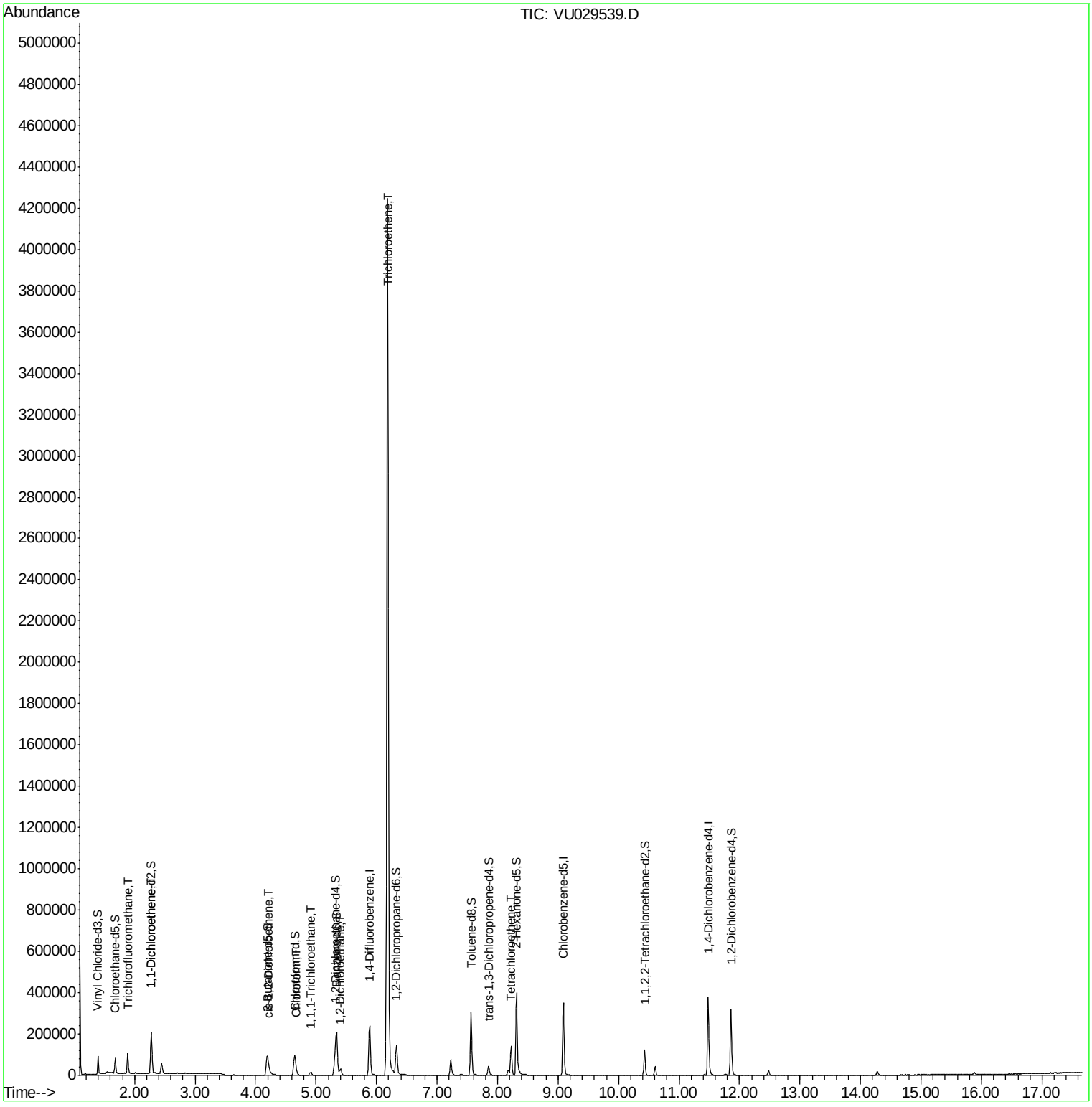
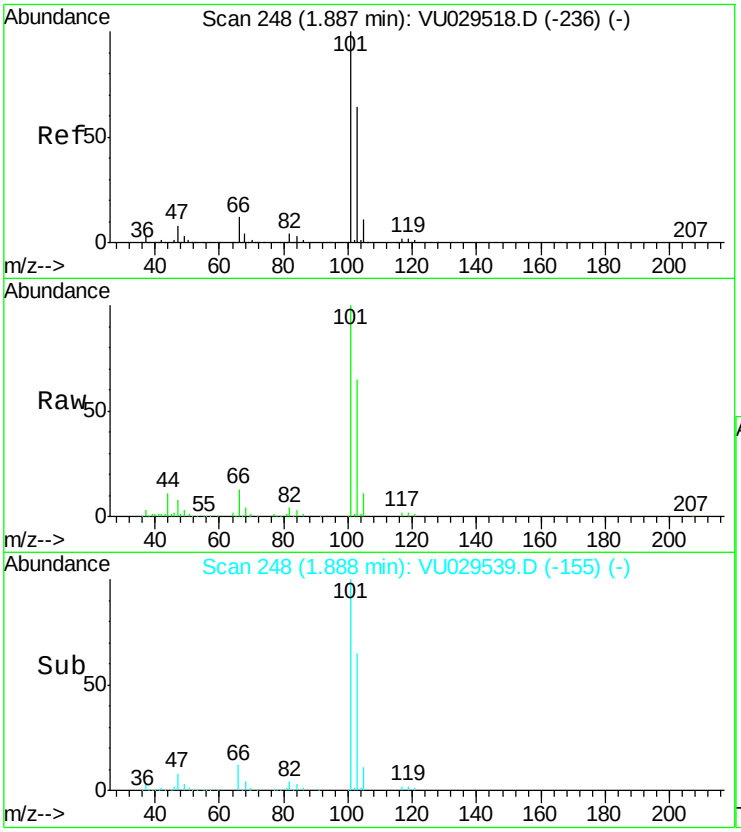
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN8

Quant Time: Feb 19 01:58:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration



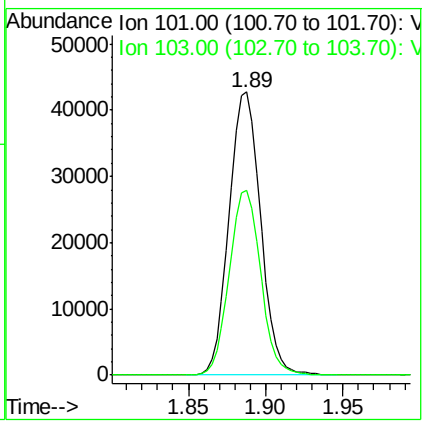


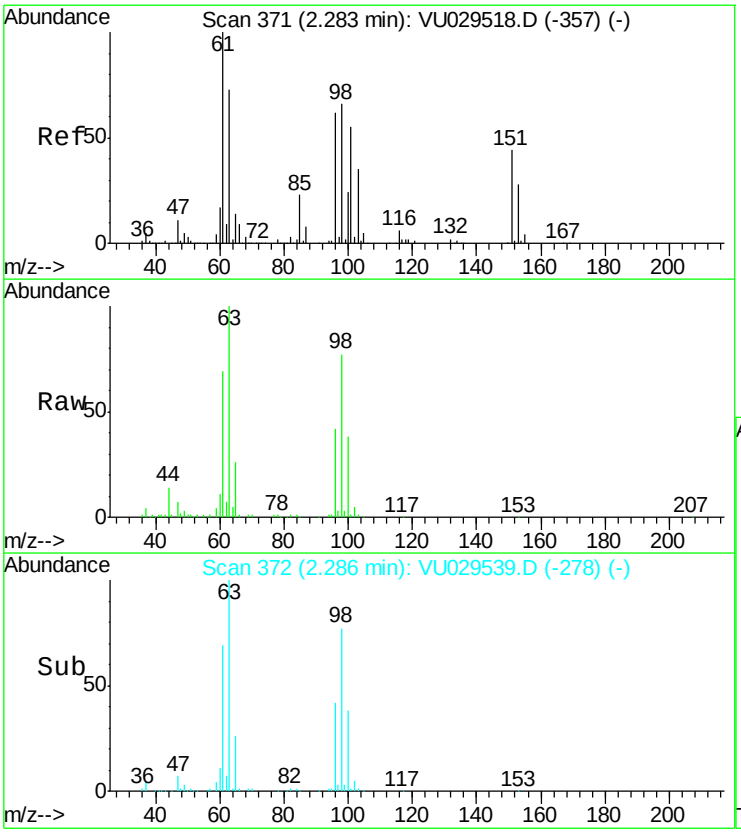
#9
Trichlorofluoromethane
Concen: 1.927 ug/L
RT: 1.89 min Scan# 248
Delta R.T. 0.00 min
Lab File: VU029539.D
Acq: 18 Feb 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
C0AN8

Tgt Ion:101 Resp: 60380

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.1	78.1

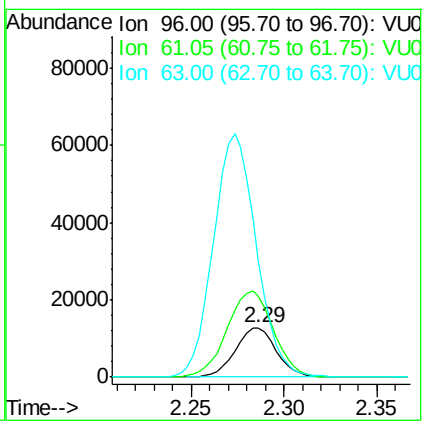


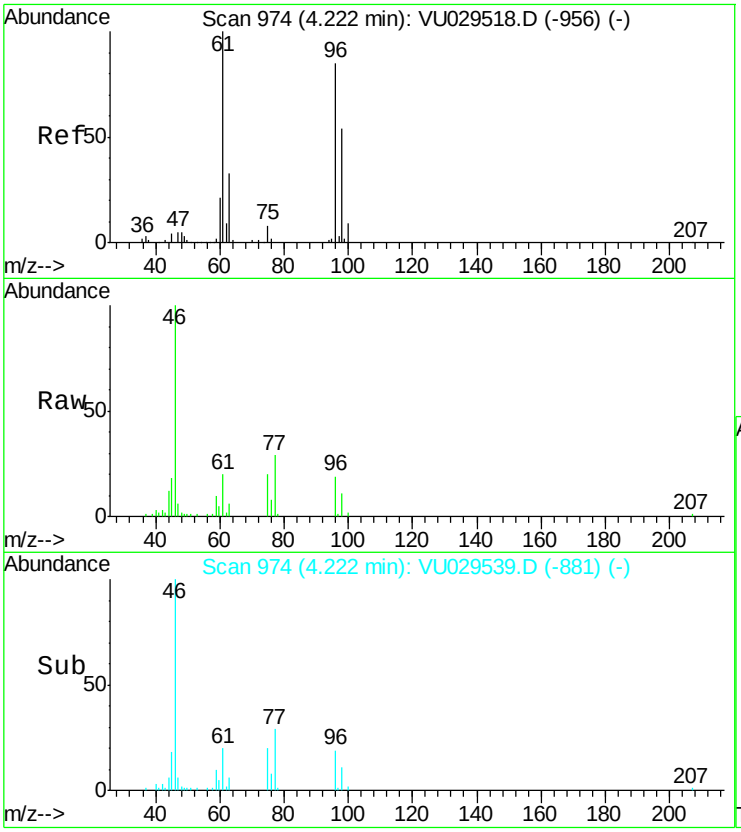


#12
1,1-Dichloroethene
Concen: 1.125 ug/L
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU029539.D
Acq: 18 Feb 2019 18:55

Tgt Ion: 96 Resp: 19691

Ion	Ratio	Lower	Upper
96	100		
61	163.7	115.1	213.7
63	237.0	83.5	155.1#



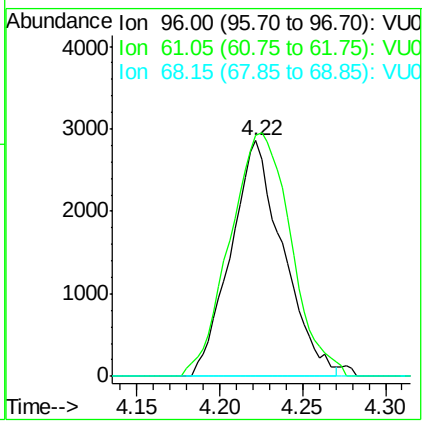


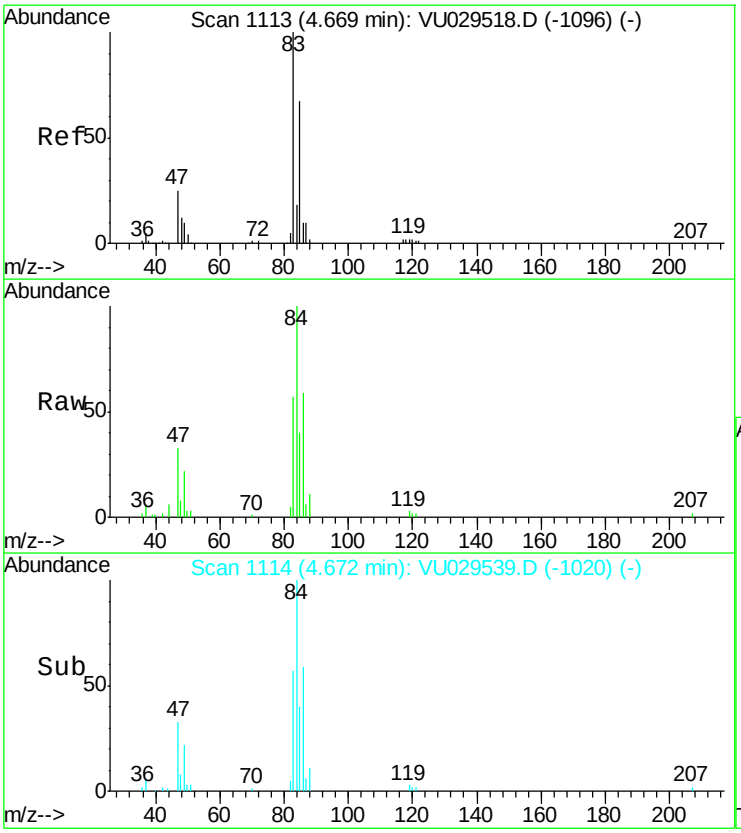
#22
cis-1,2-Dichloroethene
Concen: 0.364 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029539.D
Acq: 18 Feb 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
C0AN8

Tgt Ion: 96 Resp: 6249

Ion	Ratio	Lower	Upper
96	100		
61	102.1	79.9	148.5
68	0.0	0.0	0.0

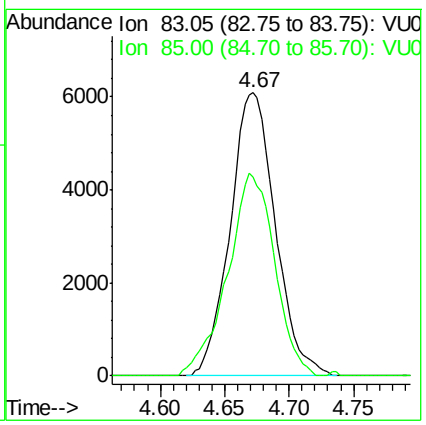


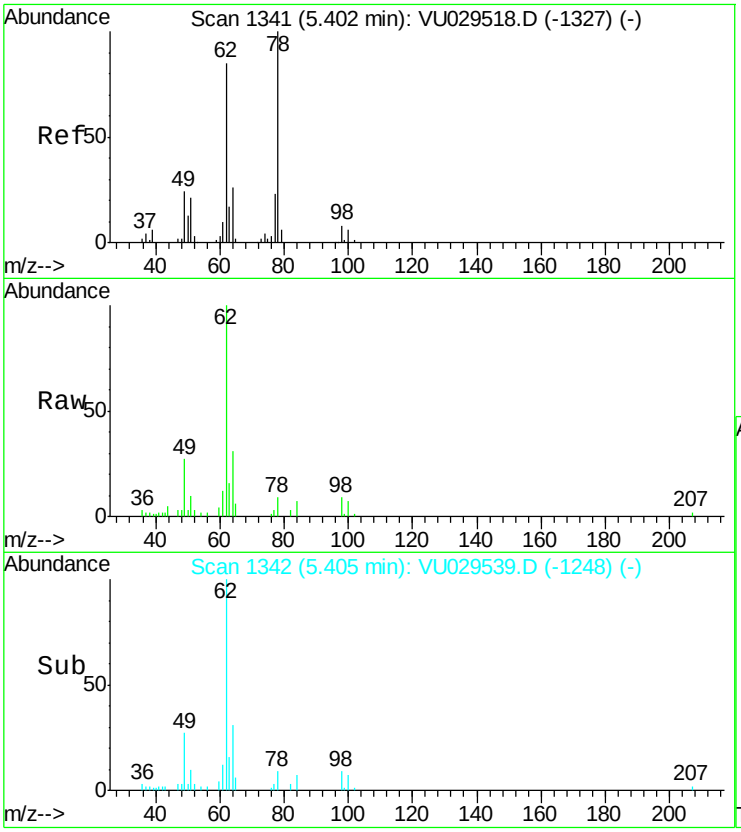


#25
Chloroform
Concen: 0.528 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029539.D
Acq: 18 Feb 2019 18:55

Tgt Ion: 83 Resp: 14858

Ion	Ratio	Lower	Upper
83	100		
85	70.4	47.8	88.8



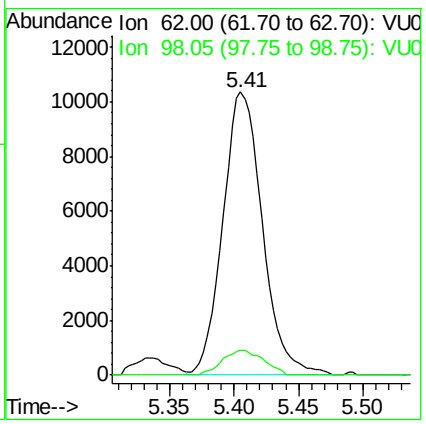


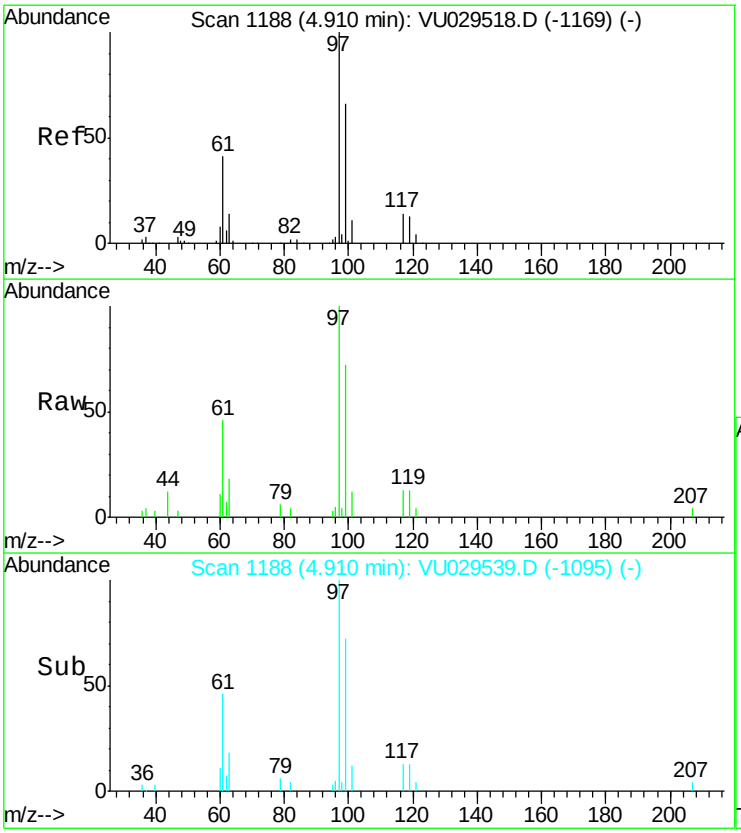
#27
1,2-Dichloroethane
Concen: 1.360 ug/L
RT: 5.41 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VU029539.D
Acq: 18 Feb 2019 18:55

Instrument : MSVOA_U
ClientSampleId : C0AN8

Tgt Ion: 62 Resp: 22130

Ion	Ratio	Lower	Upper
62	100		
98	8.9	8.4	12.6

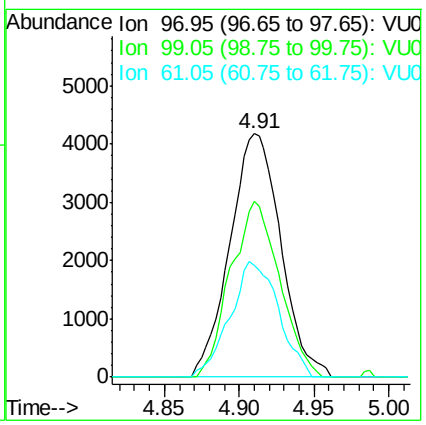


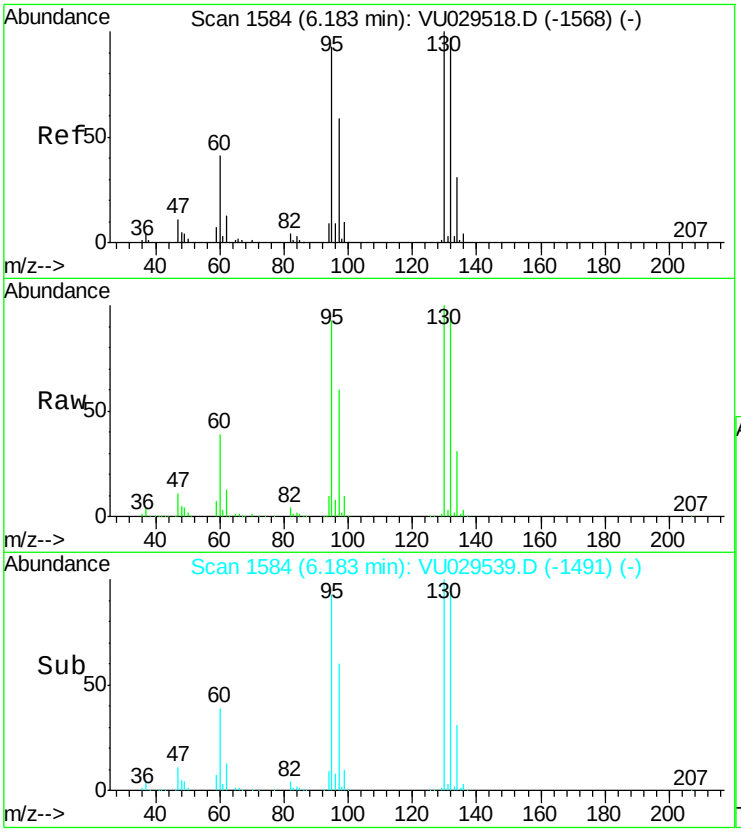


#29
1,1,1-Trichloroethane
Concen: 0.388 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029539.D
Acq: 18 Feb 2019 18:55

Tgt Ion: 97 Resp: 9891

Ion	Ratio	Lower	Upper
97	100		
99	69.4	52.2	78.2
61	45.3	32.0	48.0



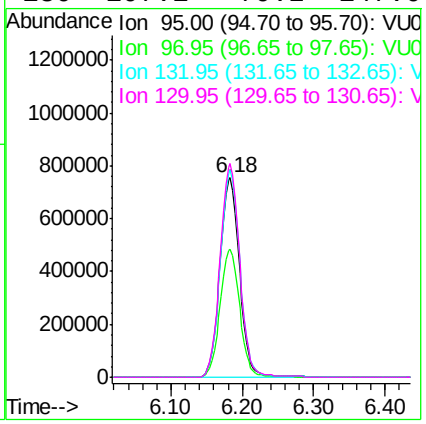


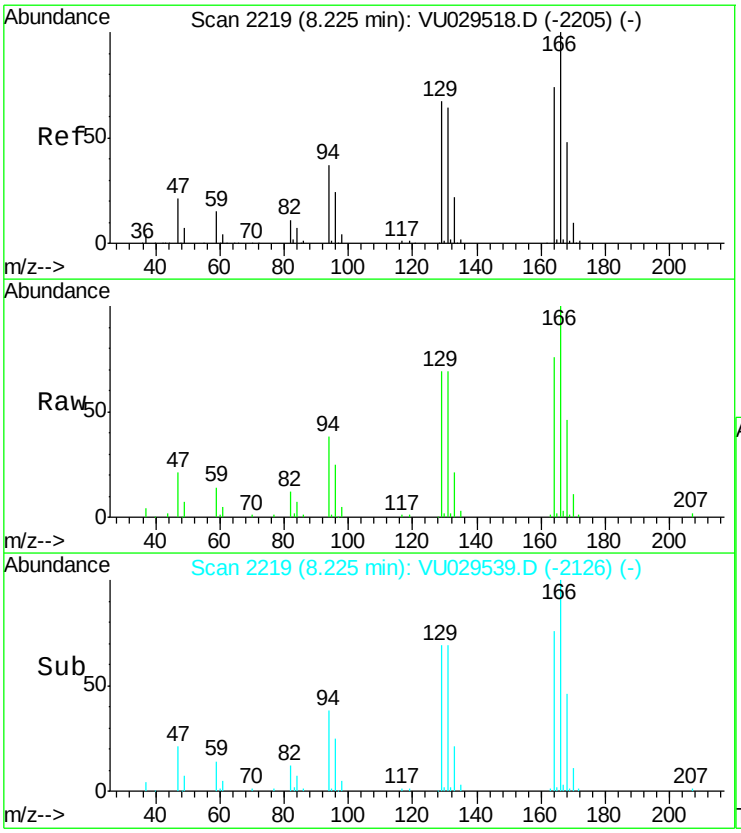
#34
Trichloroethene
Concen: 84.421 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029539.D
Acq: 18 Feb 2019 18:55

Instrument : MSVOA_U
ClientSampleId : C0AN8

Tgt Ion: 95 Resp: 1438356

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.3	86.1
132	103.9	72.9	135.3
130	107.1	79.2	147.0





#47
Tetrachloroethene
Concen: 2.154 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029539.D
Acq: 18 Feb 2019 18:55

Tgt Ion:164 Resp: 33621

Ion	Ratio	Lower	Upper
164	100		
129	90.3	62.9	116.9
131	90.6	62.1	115.3
166	130.8	89.8	166.8