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

Quantitation Report (Not Reviewed)

Data File : VU029561.D
Acq On : 19 Feb 2019 17:39
Operator : JC/SP
Sample : K1488-13 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE9

Quant Time: Feb 20 00:13:16 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	210345	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	202904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108635	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	56068	3.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.40%			
7) Chloroethane-d5	1.68	69	53113	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.00%			
11) 1,1-Dichloroethene-d2	2.27	63	90398	2.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.80%#			
20) 2-Butanone-d5	4.19	46	157640	53.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.30%			
24) Chloroform-d	4.65	84	89486	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.60%			
26) 1,2-Dichloroethane-d4	5.31	65	57344	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.34	84	224383	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.33	67	70974	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.56	98	214697	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	7.85	79	26892	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.31	63	152740	51.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.02%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62469	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96409	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	27905	1.378	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1001	0.055	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1802	0.104	ug/L #	1
18) trans-1,2-Dichloroethene	2.98	96	1493	0.081	ug/L #	71
22) cis-1,2-Dichloroethene	4.22	96	200167	11.789	ug/L	97
25) Chloroform	4.67	83	21013	0.755	ug/L	95
34) Trichloroethene	6.18	95	127073	7.567	ug/L	96
35) Methylcyclohexane	6.33	83	17029	0.603	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7926	0.530	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1850	0.079	ug/L #	48
47) Tetrachloroethene	8.22	164	461055	29.974	ug/L	99
48) 2-Hexanone	8.37	43	1757	0.280	ug/L #	47
49) Dibromochloromethane	8.22	129	413264	26.759	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10854	1.131	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	557	0.246	ug/L #	1

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

Quantitation Report (Not Reviewed)

Data File : VU029561.D
Acq On : 19 Feb 2019 17:39
Operator : JC/SP
Sample : K1488-13 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXE9

Quant Time: Feb 20 00:13:16 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)

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

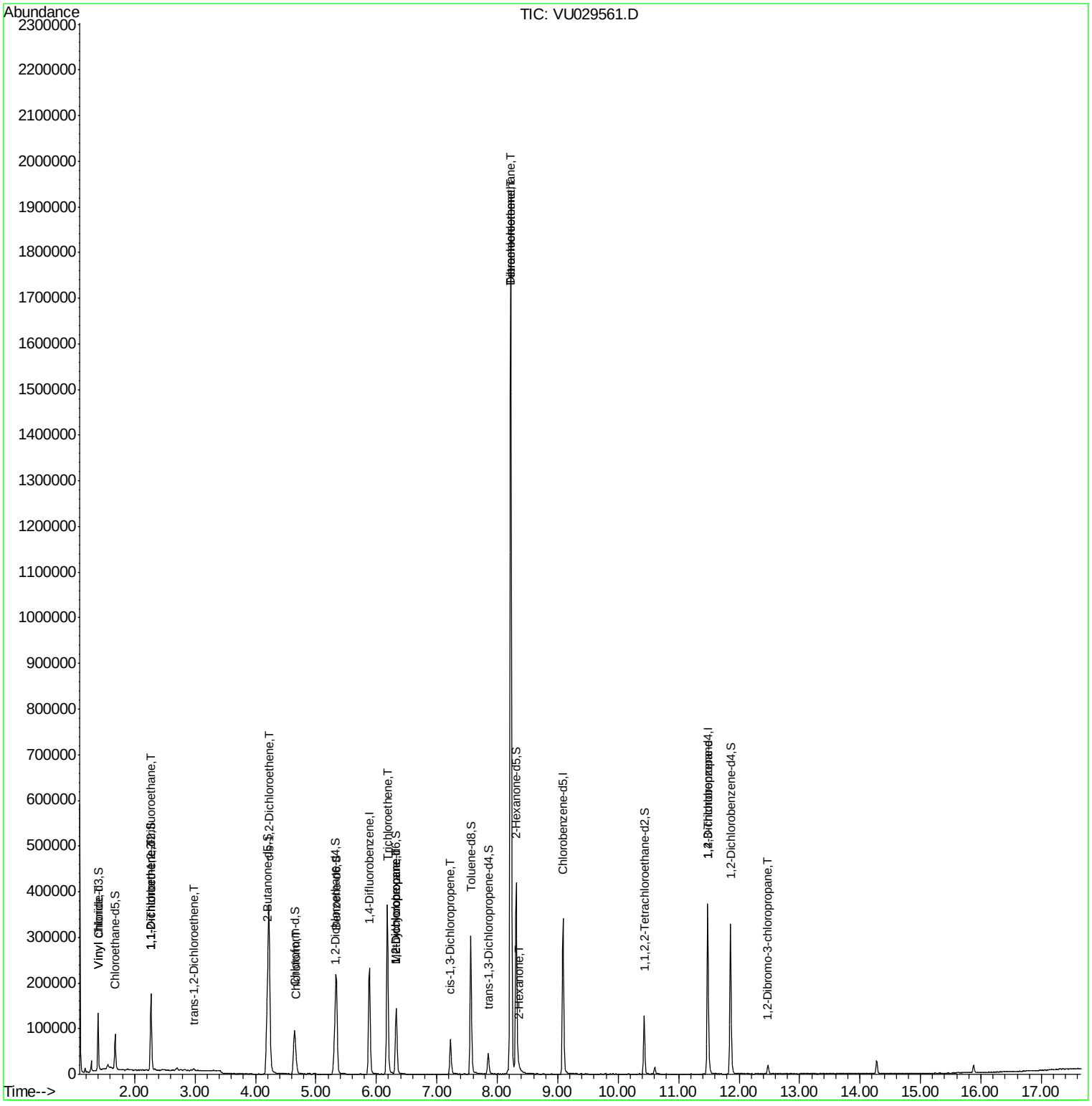
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

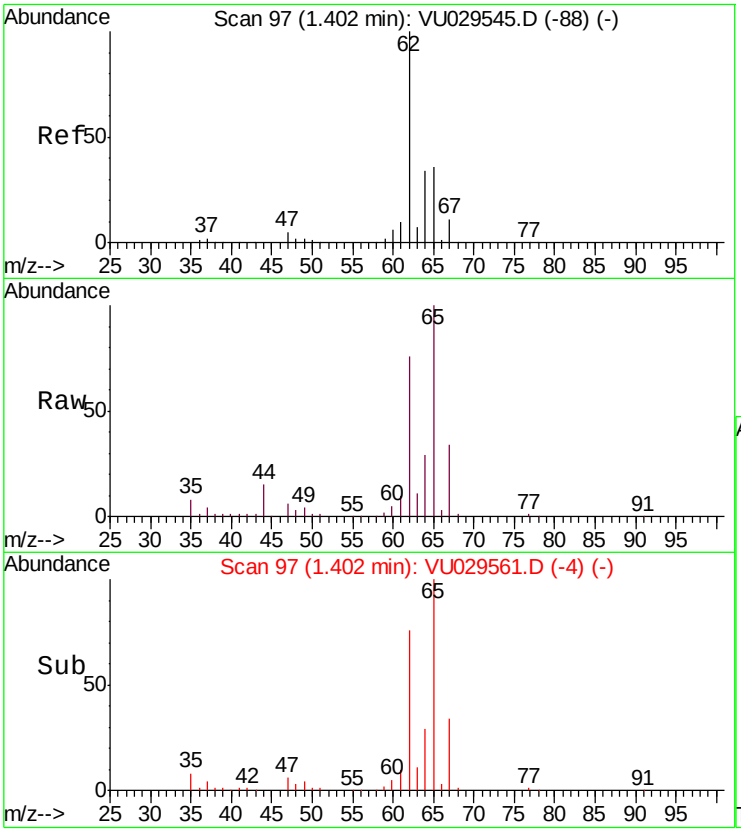
Quantitation Report (Not Reviewed)

Data File : VU029561.D
Acq On : 19 Feb 2019 17:39
Operator : JC/SP
Sample : K1488-13 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE9

Quant Time: Feb 20 00:13:16 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



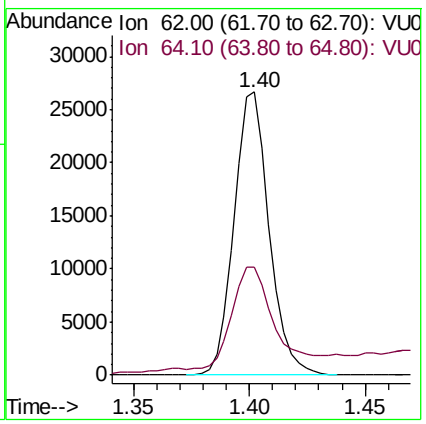


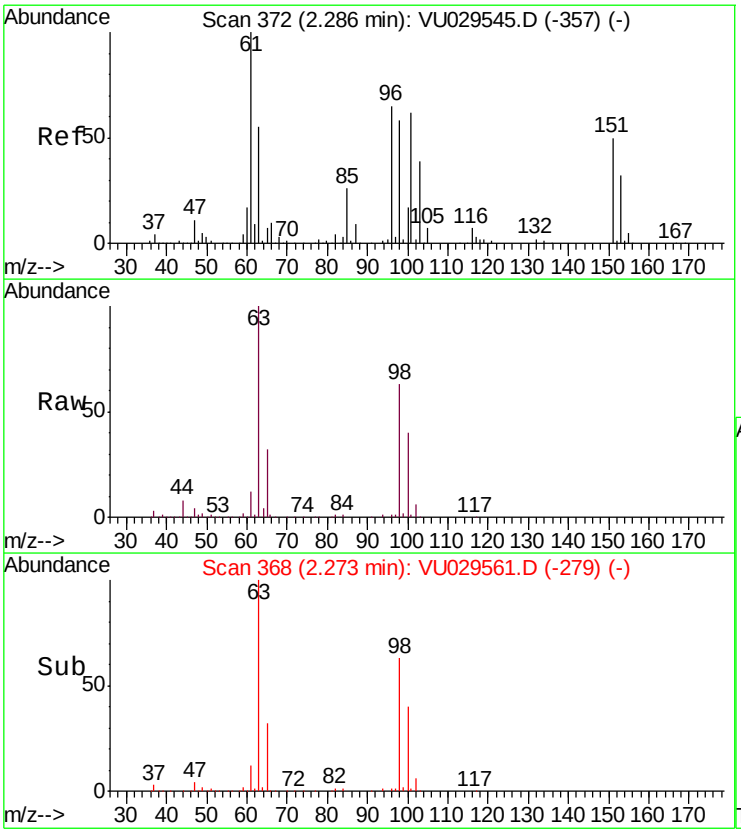
#5
Vinyl chloride
Concen: 1.378 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Instrument :
MSVOA_U
ClientSampleId :
ESXE9

Tgt Ion: 62 Resp: 27905

Ion	Ratio	Lower	Upper
62	100		
64	38.0	23.5	43.7

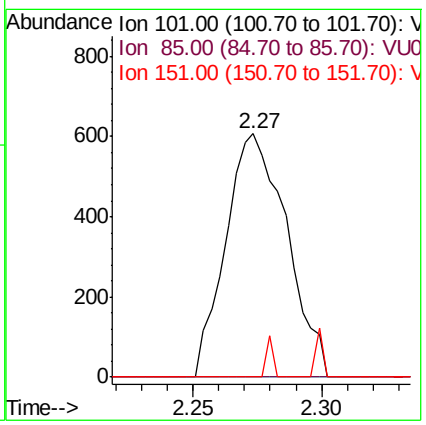


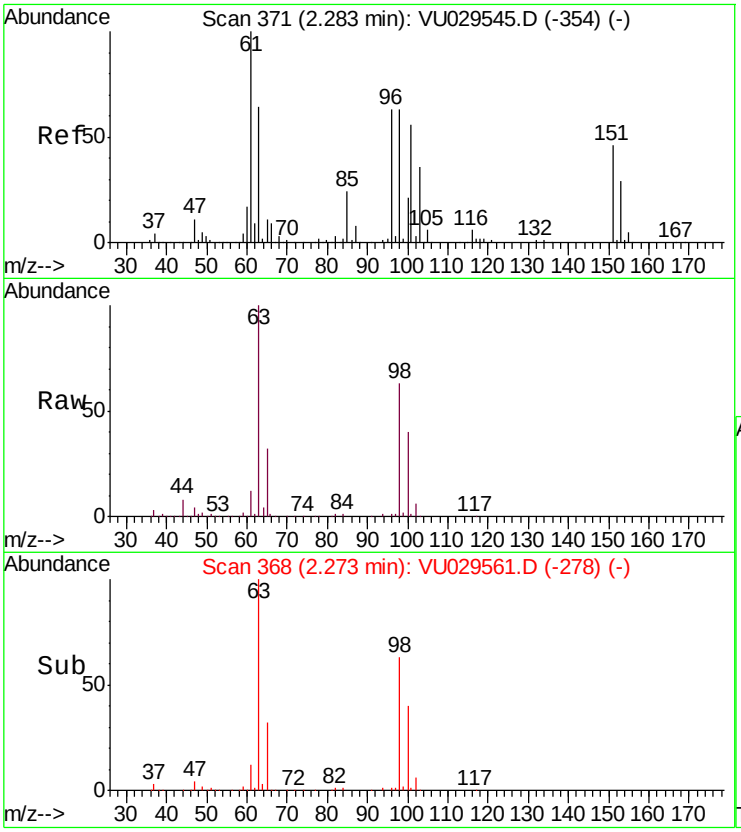


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Tgt Ion:101 Resp: 1001

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	2.0	67.0	100.6#



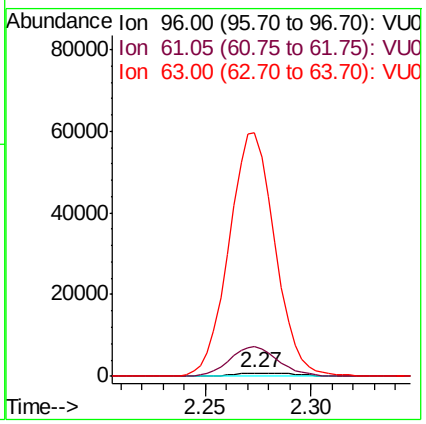


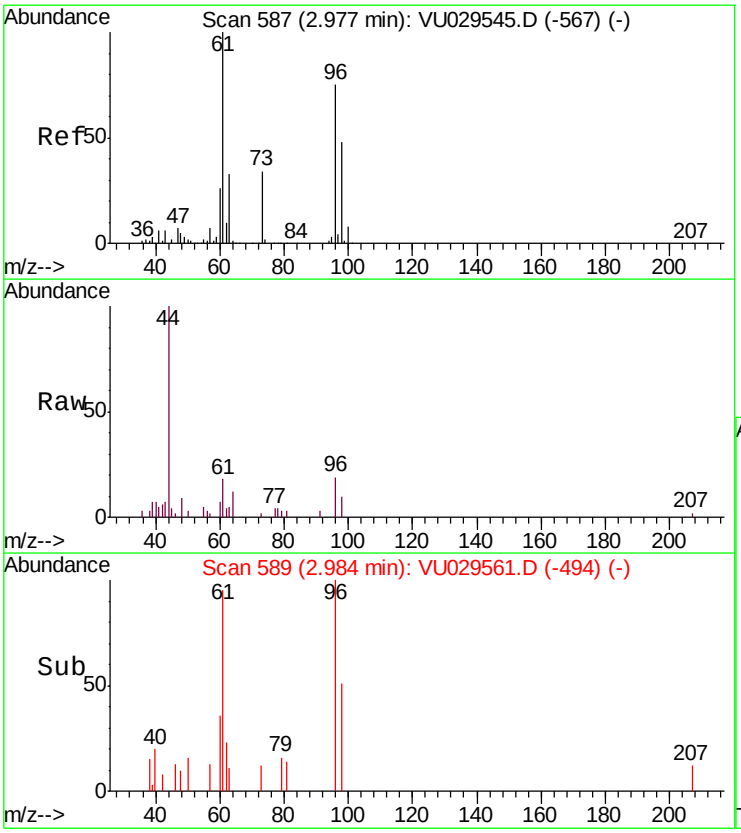
#12
1,1-Dichloroethene
Concen: 0.104 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Instrument :
MSVOA_U
ClientSampleId :
ESXE9

Tgt Ion: 96 Resp: 1802

Ion	Ratio	Lower	Upper
96	100		
61	828.7	115.1	213.7#
63	6788.2	83.5	155.1#

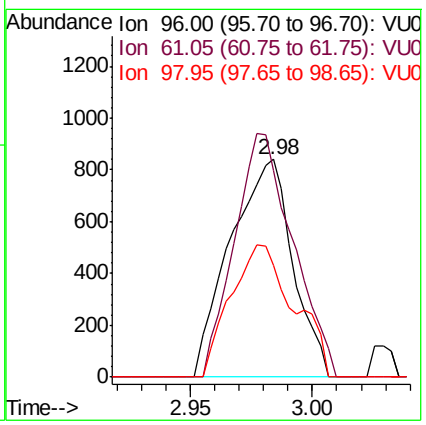


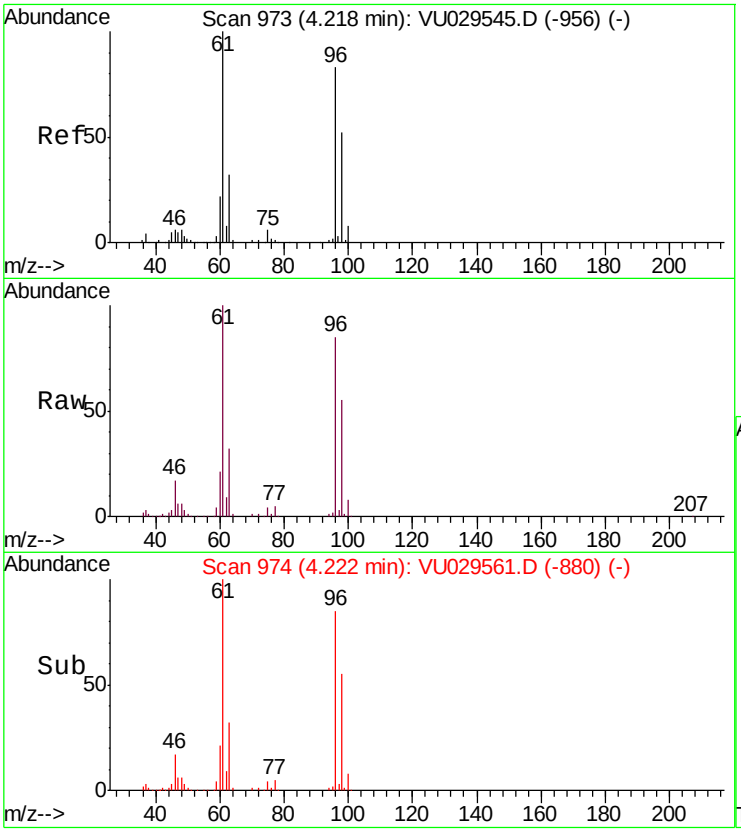


#18
trans-1,2-Dichloroethene
Concen: 0.081 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.01 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Tgt Ion: 96 Resp: 1493

Ion	Ratio	Lower	Upper
96	100		
61	94.8	95.4	177.2#
98	51.5	45.8	85.2



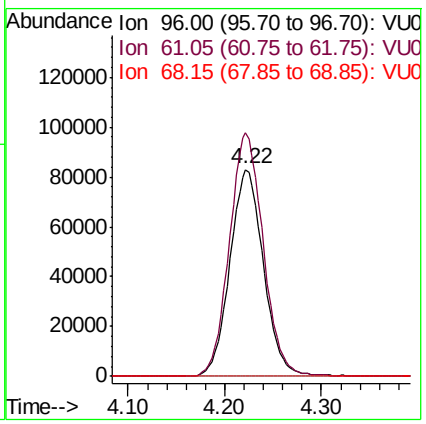


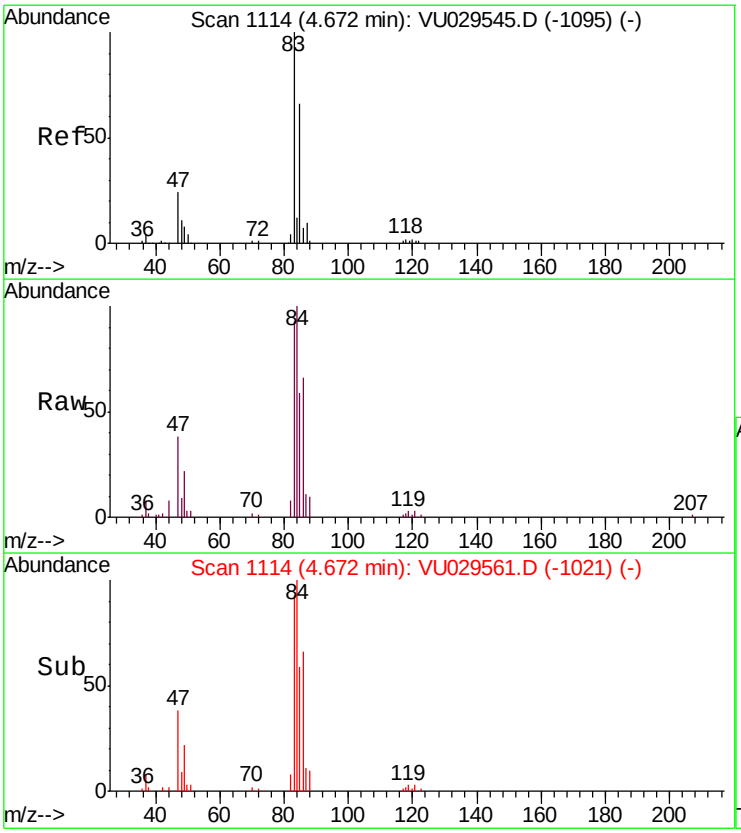
#22
cis-1,2-Dichloroethene
Concen: 11.789 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Instrument :
MSVOA_U
ClientSampleId :
ESXE9

Tgt Ion: 96 Resp: 200167

Ion	Ratio	Lower	Upper
96	100		
61	117.6	79.9	148.5
68	0.0	0.0	0.0

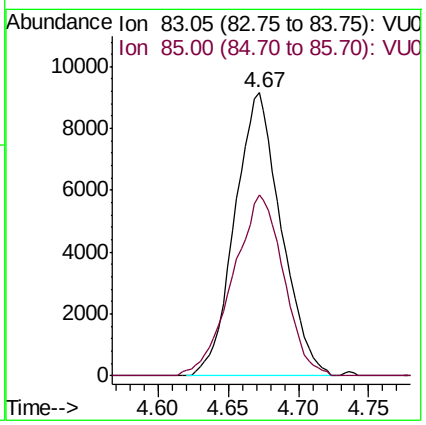


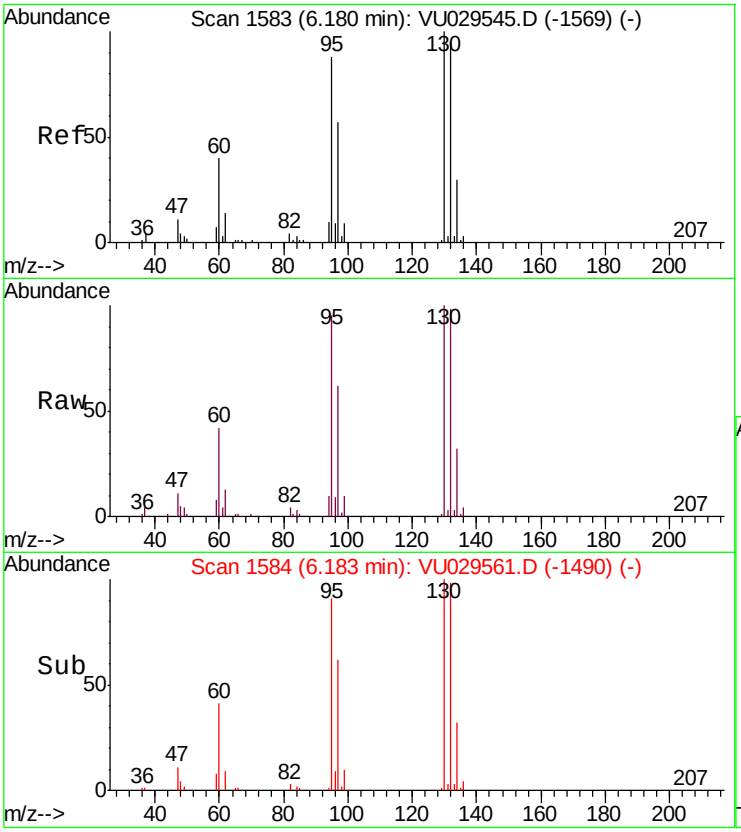


#25
Chloroform
Concen: 0.755 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Tgt Ion: 83 Resp: 21013

Ion	Ratio	Lower	Upper
83	100		
85	64.0	47.8	88.8



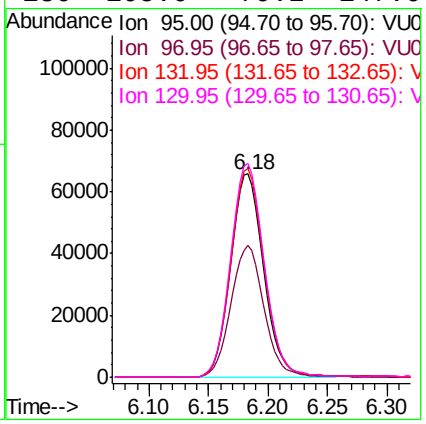


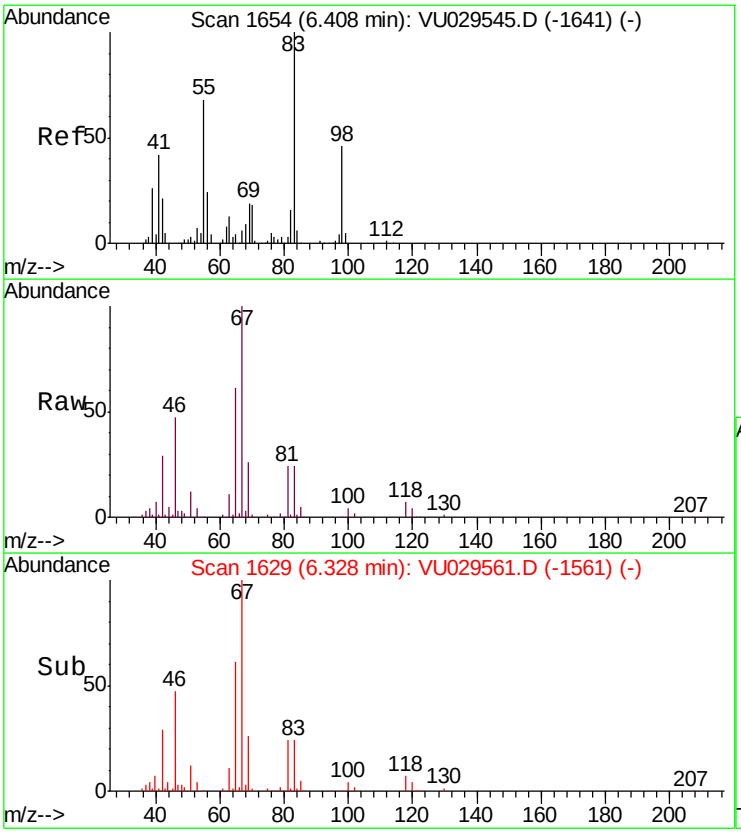
#34
Trichloroethene
Concen: 7.567 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Instrument :
MSVOA_U
ClientSampleId :
ESXE9

Tgt Ion: 95 Resp: 127073

Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.3	86.1
132	102.8	72.9	135.3
130	105.0	79.2	147.0

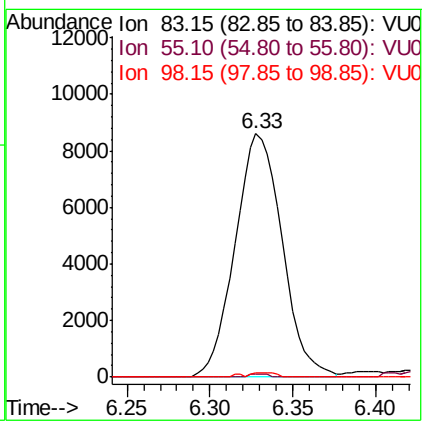


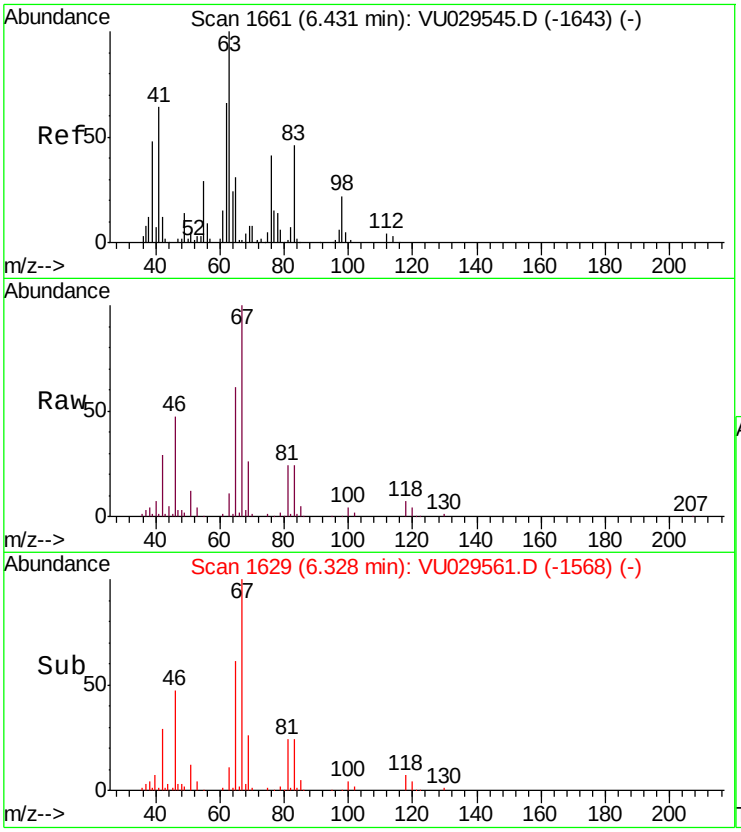


#35
Methylcyclohexane
Concen: 0.603 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Tgt Ion: 83 Resp: 17029

Ion	Ratio	Lower	Upper
83	100		
55	0.5	55.9	83.9#
98	1.0	38.6	57.8#



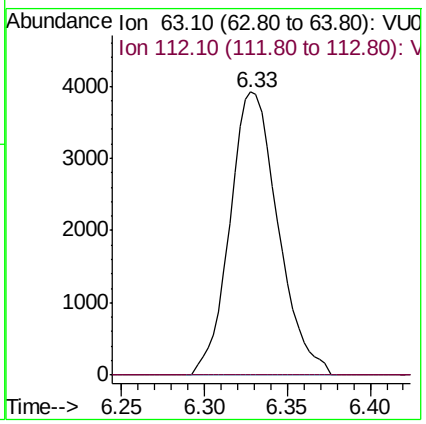


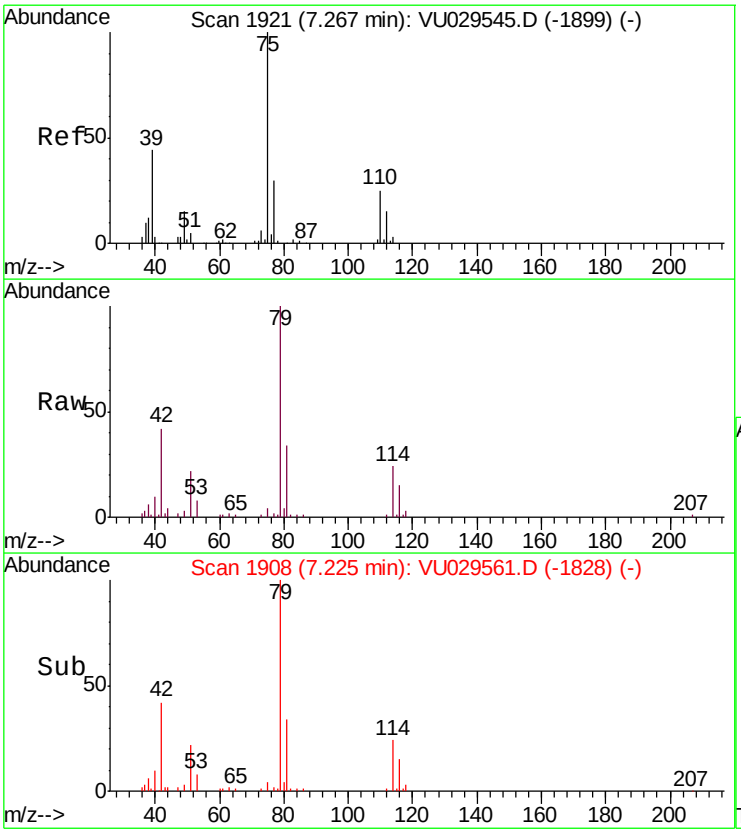
#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Instrument :
MSVOA_U
ClientSampleId :
ESXE9

Tgt Ion: 63 Resp: 7926

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

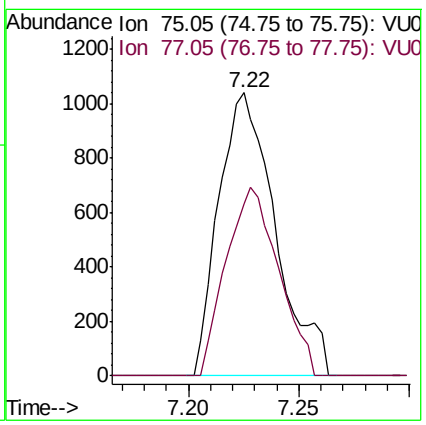


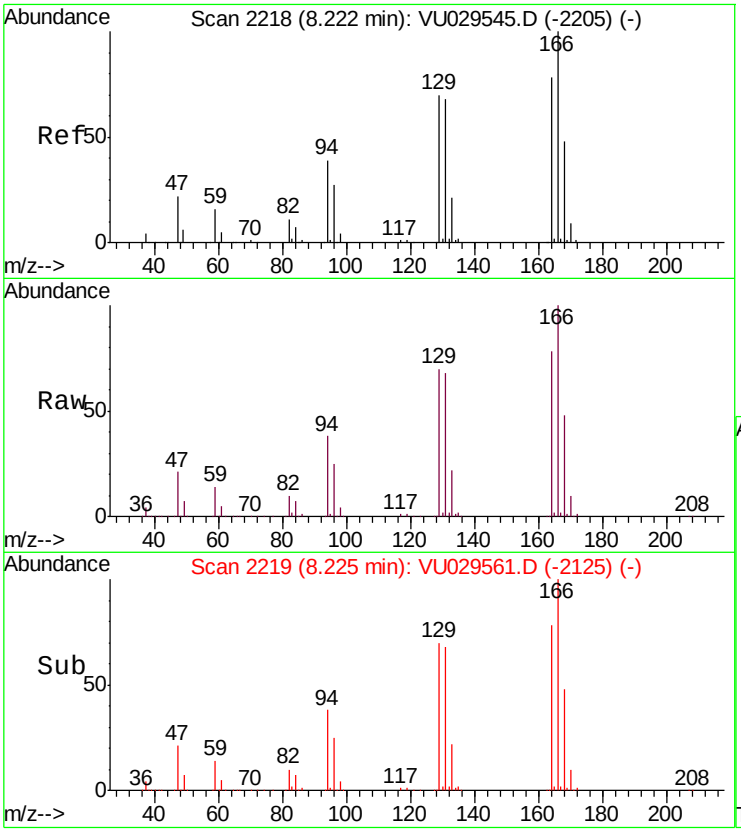


#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Tgt Ion: 75 Resp: 1850

Ion	Ratio	Lower	Upper
75	100		
77	60.9	22.3	41.3#



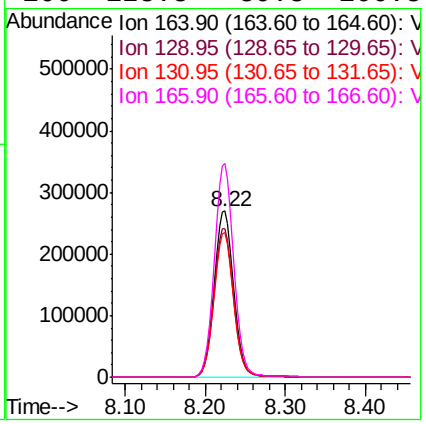


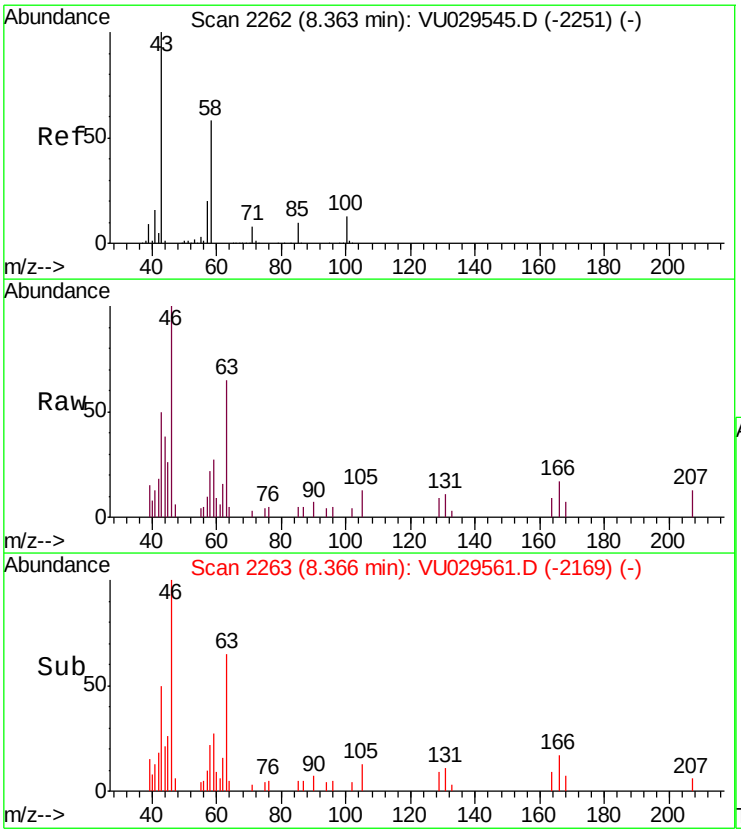
#47
Tetrachloroethene
Concen: 29.974 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Instrument :
MSVOA_U
ClientSampleId :
ESXE9

Tgt Ion:164 Resp: 461055

Ion	Ratio	Lower	Upper
164	100		
129	89.5	62.9	116.9
131	87.1	62.1	115.3
166	128.8	89.8	166.8

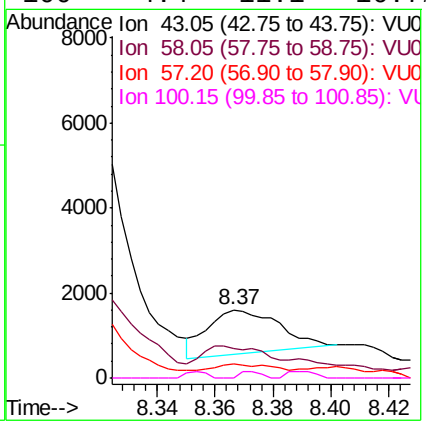


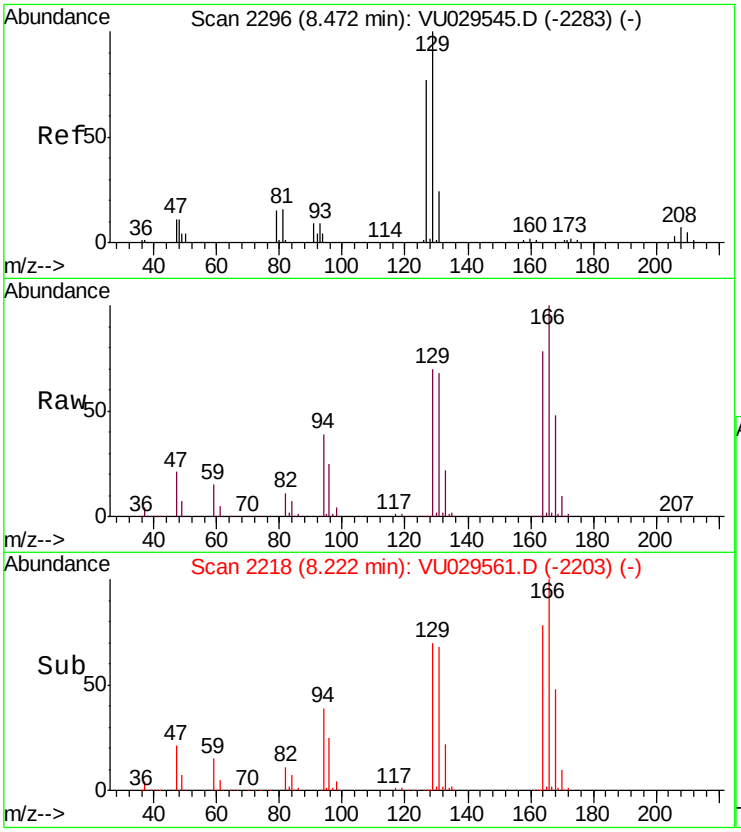


#48
2-Hexanone
Concen: 0.280 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Tgt Ion: 43 Resp: 1757

Ion	Ratio	Lower	Upper
43	100		
58	108.9	45.7	68.5#
57	31.2	16.4	24.6#
100	4.4	11.1	16.7#



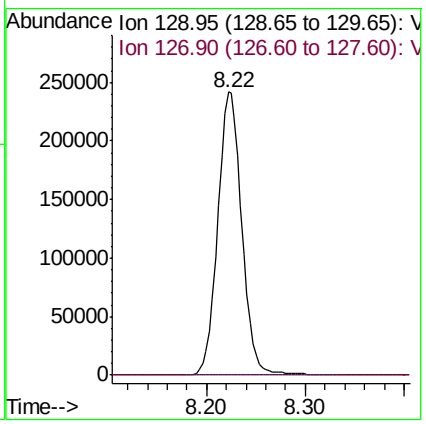


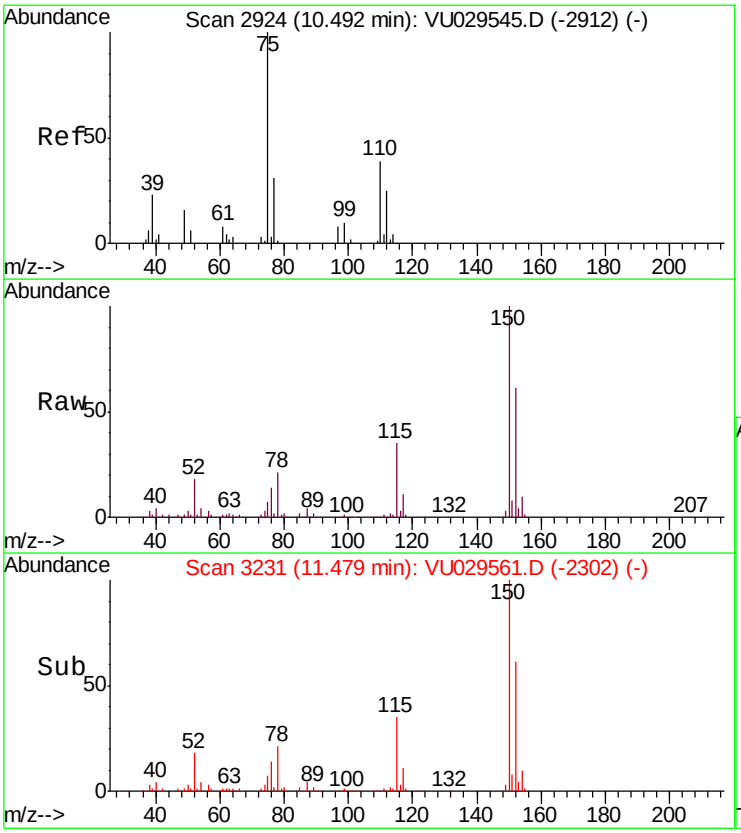
#49
Dibromochloromethane
Concen: 26.759 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Instrument :
MSVOA_U
ClientSampleId :
ESXE9

Tgt Ion:129 Resp: 413264

Ion	Ratio	Lower	Upper
129	100		
127	0.1	53.3	99.1#

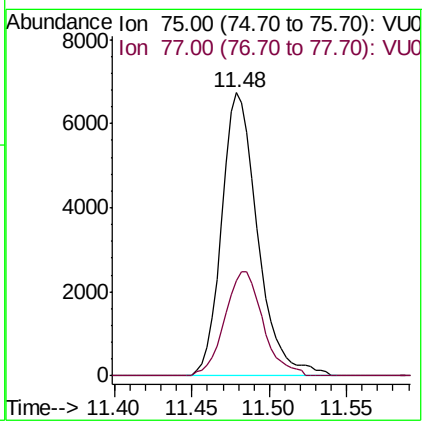


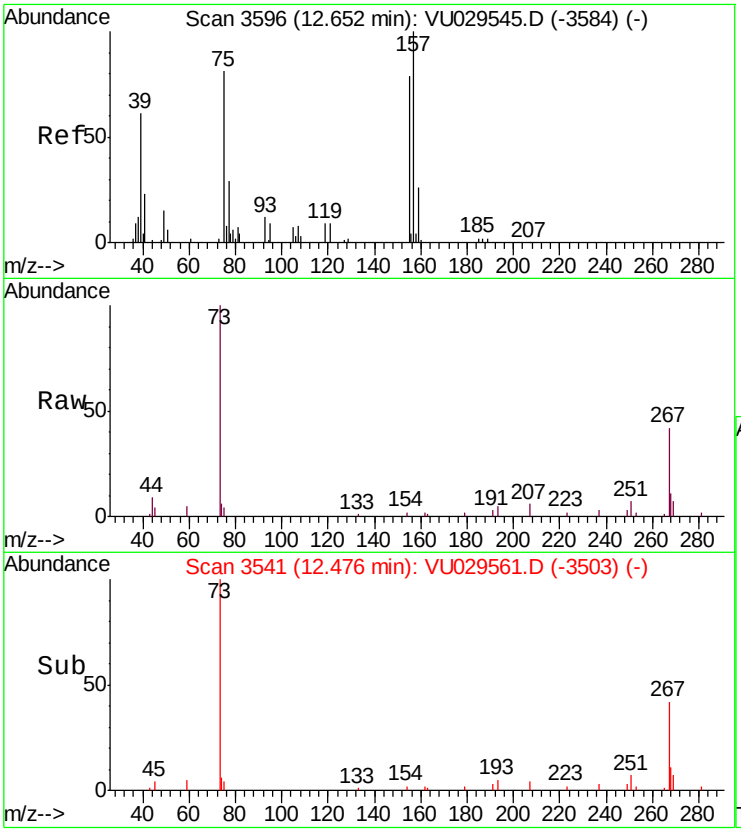


#59
1,2,3-Trichloropropane
Concen: 1.131 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Tgt Ion: 75 Resp: 10854

Ion	Ratio	Lower	Upper
75	100		
77	38.9	28.2	42.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.246 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. -0.18 min
Lab File: VU029561.D
Acq: 19 Feb 2019 17:39

Instrument :
MSVOA_U
ClientSampleId :
ESXE9

Tgt Ion: 75 Resp: 557

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