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

Quantitation Report (Not Reviewed)

Data File : VU029563.D
Acq On : 19 Feb 2019 18:26
Operator : JC/SP
Sample : K1488-09 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE5

Quant Time: Feb 20 00:13:37 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	209592	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	203982	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111931	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	58721	4.17	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%				
7) Chloroethane-d5	1.68	69	53892	4.33	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.60%				
11) 1,1-Dichloroethene-d2	2.27	63	91105	2.98	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.60%#				
20) 2-Butanone-d5	4.19	46	161894	55.29	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.58%				
24) Chloroform-d	4.65	84	92964	4.15	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%				
26) 1,2-Dichloroethane-d4	5.31	65	60333	5.06	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%				
32) Benzene-d6	5.34	84	226611	4.62	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%				
36) 1,2-Dichloropropane-d6	6.33	67	71199	4.91	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%				
41) Toluene-d8	7.56	98	211694	4.38	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%				
43) trans-1,3-Dichloropropene-	7.85	79	26295	4.06	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.20%				
46) 2-Hexanone-d5	8.31	63	157415	52.81	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.62%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64575	5.13	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%				
64) 1,2-Dichlorobenzene-d4	11.86	152	98706	4.78	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	266028	13.180	ug/L		99
8) Chloroethane	1.56	64	6593	0.502	ug/L	#	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	973	0.053	ug/L	#	18
12) 1,1-Dichloroethene	2.28	96	2439	0.141	ug/L	#	1
18) trans-1,2-Dichloroethene	2.98	96	6037	0.328	ug/L		95
22) cis-1,2-Dichloroethene	4.22	96	743663	43.955	ug/L		96
25) Chloroform	4.67	83	17638	0.636	ug/L		99
34) Trichloroethene	6.18	95	5256	0.311	ug/L		97
35) Methylcyclohexane	6.33	83	16545	0.583	ug/L	#	21
37) 1,2-Dichloropropane	6.33	63	7244	0.482	ug/L	#	87
39) cis-1,3-Dichloropropene	7.23	75	1751	0.074	ug/L	#	62
47) Tetrachloroethene	8.22	164	11953	0.773	ug/L		96
49) Dibromochloromethane	8.22	129	10858	0.699	ug/L	#	11
59) 1,2,3-Trichloropropane	11.48	75	11426	1.184	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.48	75	843	0.361	ug/L	#	7

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

Quantitation Report (Not Reviewed)

Data File : VU029563.D
Acq On : 19 Feb 2019 18:26
Operator : JC/SP
Sample : K1488-09 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE5

Quant Time: Feb 20 00:13:37 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

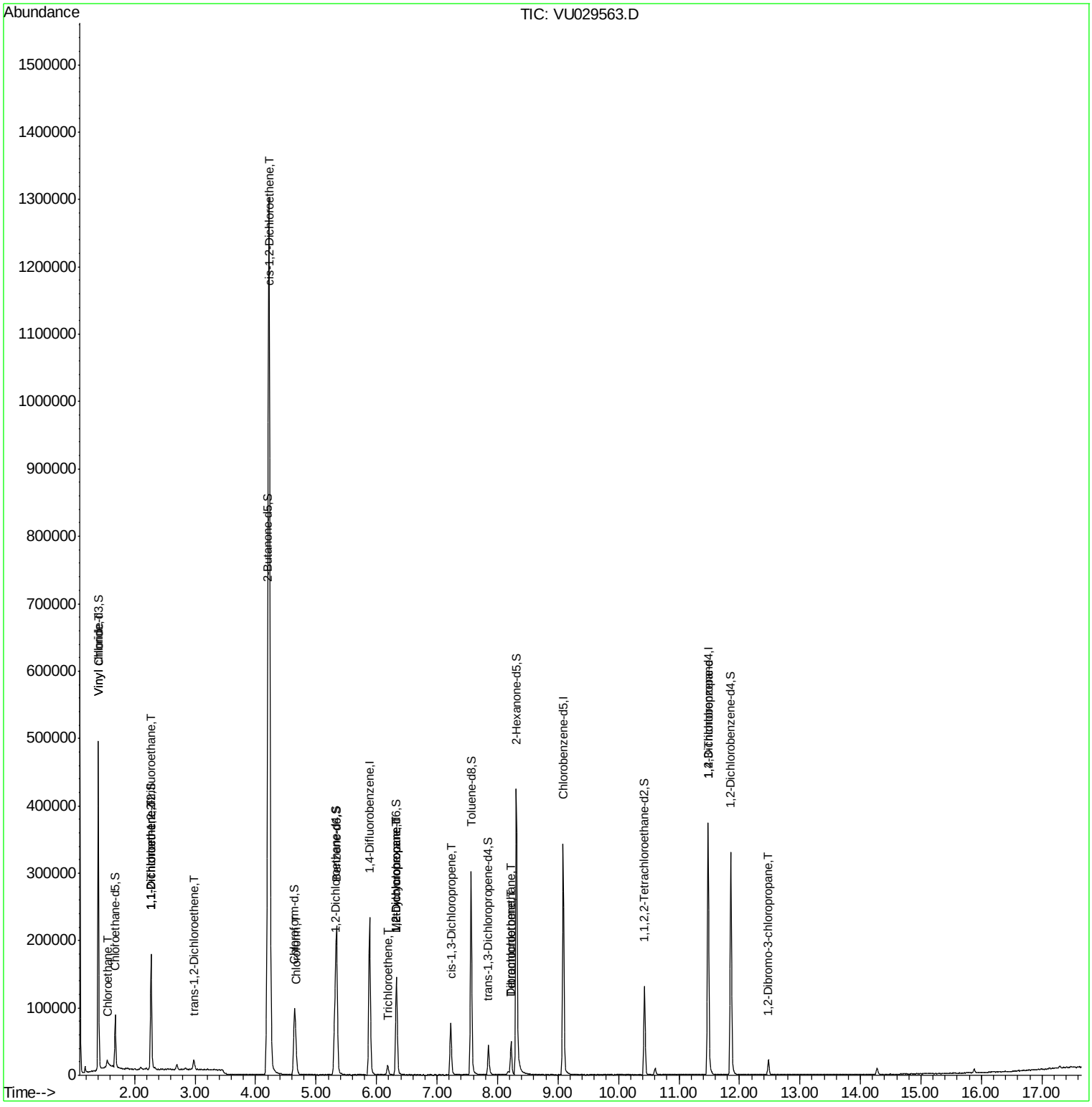
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

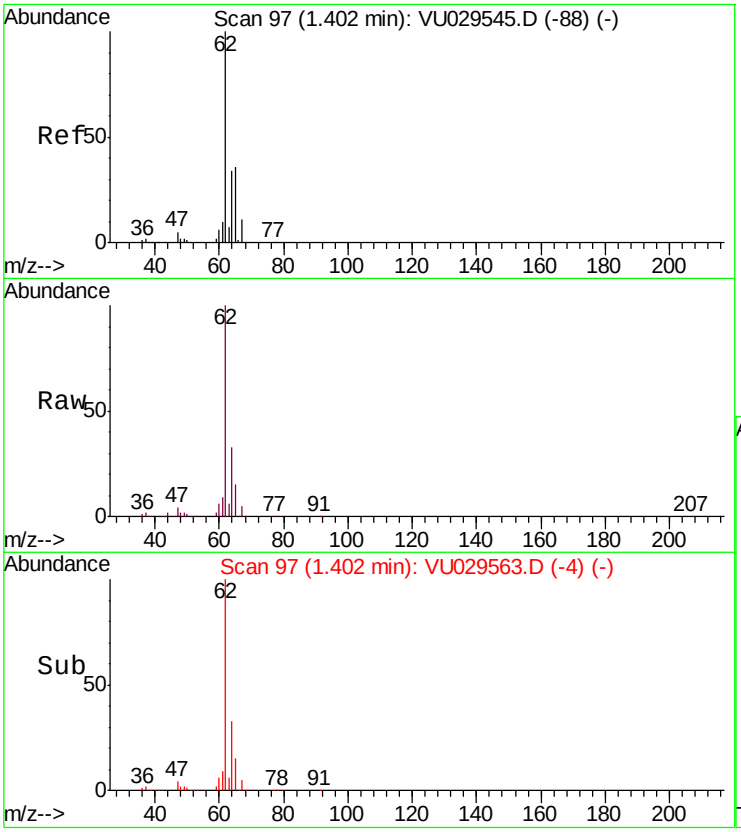
Quantitation Report (Not Reviewed)

Data File : VU029563.D
Acq On : 19 Feb 2019 18:26
Operator : JC/SP
Sample : K1488-09 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXE5

Quant Time: Feb 20 00:13:37 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



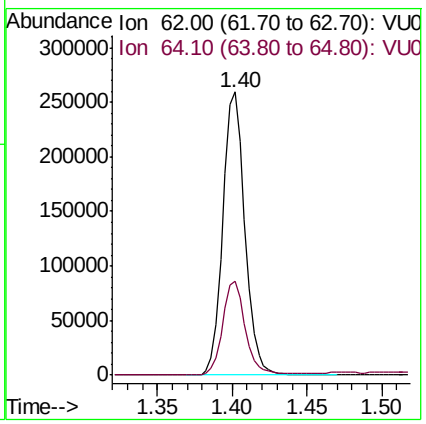


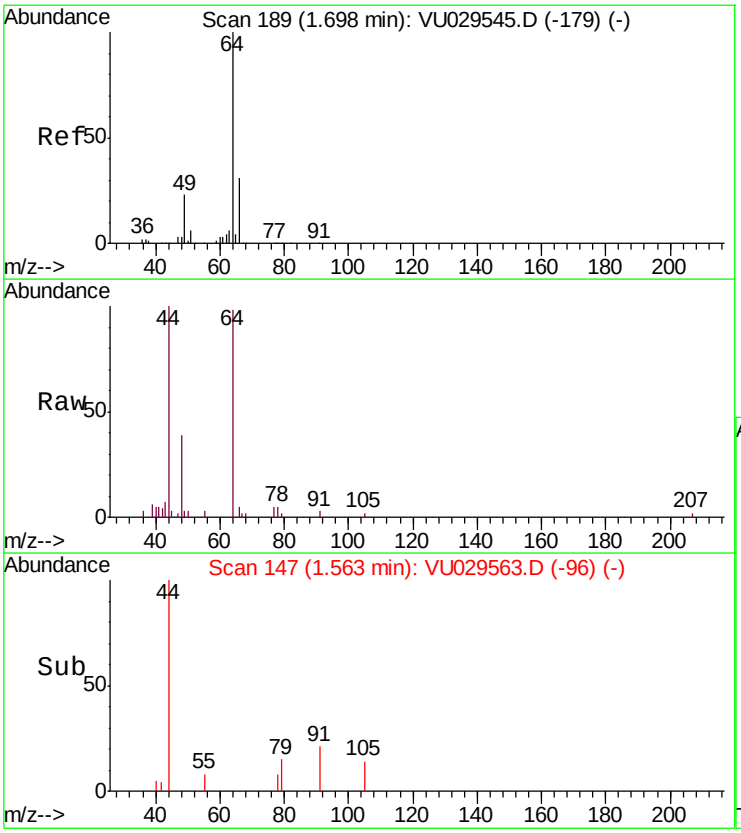
#5
Vinyl chloride
Concen: 13.180 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5

Tgt Ion: 62 Resp: 266028

Ion	Ratio	Lower	Upper
62	100		
64	33.3	23.5	43.7

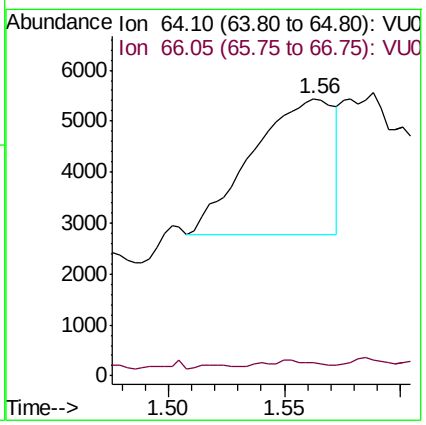


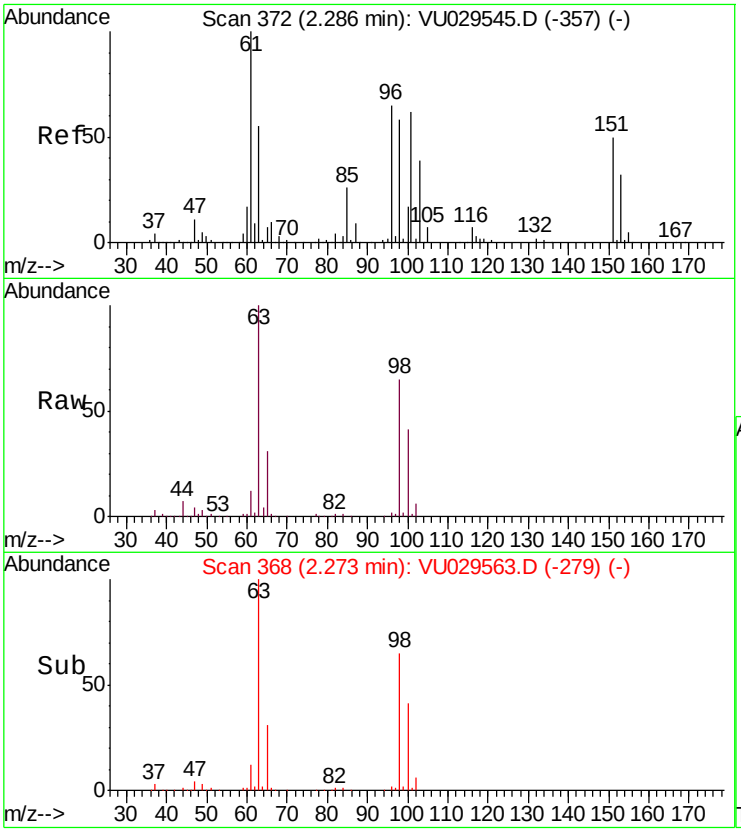


#8
Chloroethane
Concen: 0.502 ug/L
RT: 1.56 min Scan# 147
Delta R.T. -0.14 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Tgt Ion: 64 Resp: 6593

Ion	Ratio	Lower	Upper
64	100		
66	4.6	22.0	40.8#



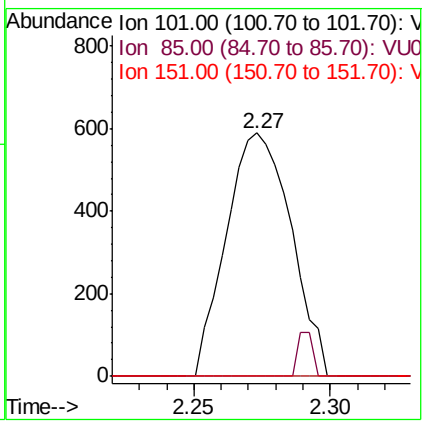


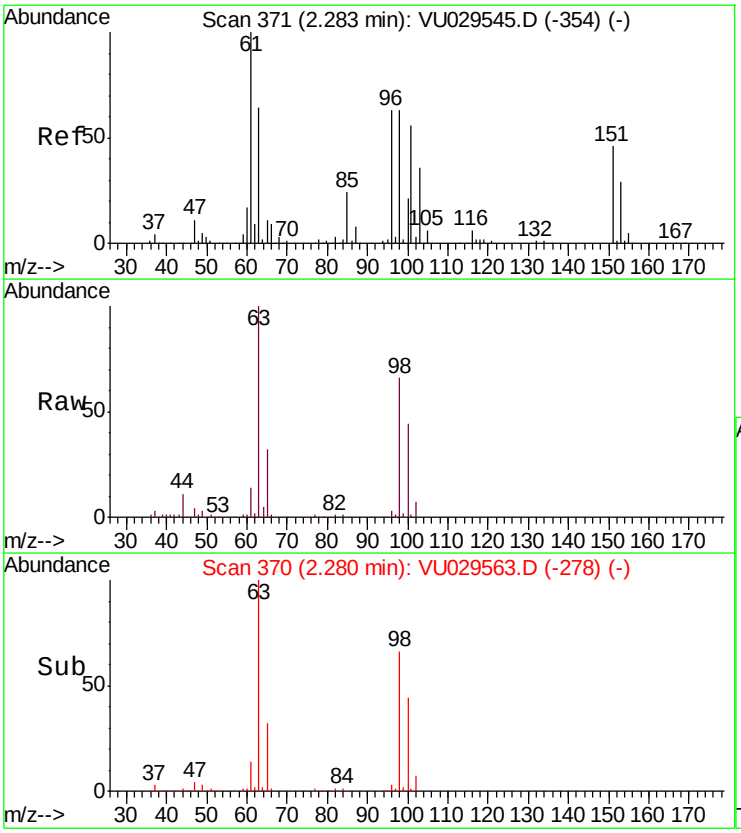
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5

Tgt Ion:101 Resp: 973

Ion	Ratio	Lower	Upper
101	100		
85	4.2	35.1	52.7#
151	0.0	67.0	100.6#

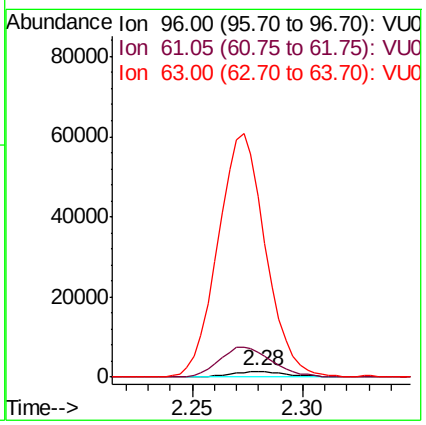


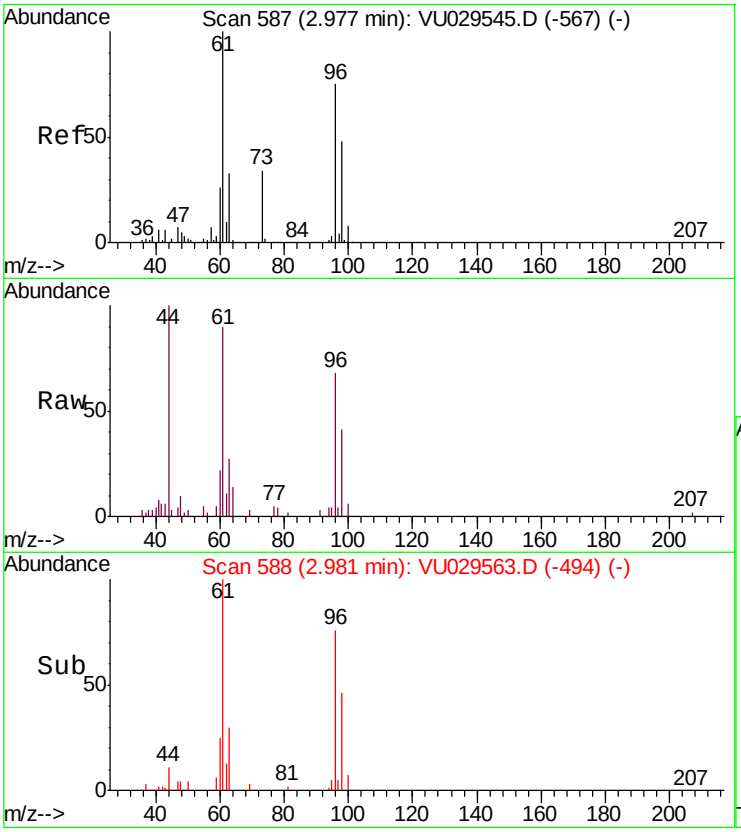


#12
1,1-Dichloroethene
Concen: 0.141 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Tgt Ion: 96 Resp: 2439

Ion	Ratio	Lower	Upper
96	100		
61	440.8	115.1	213.7#
63	3233.7	83.5	155.1#



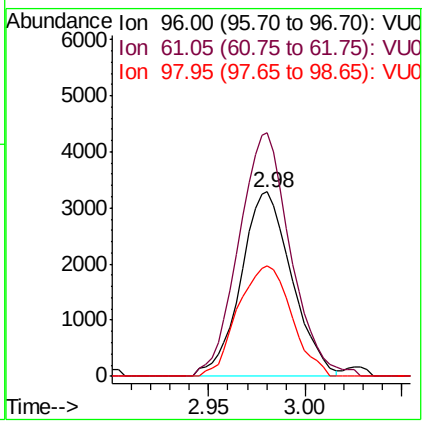


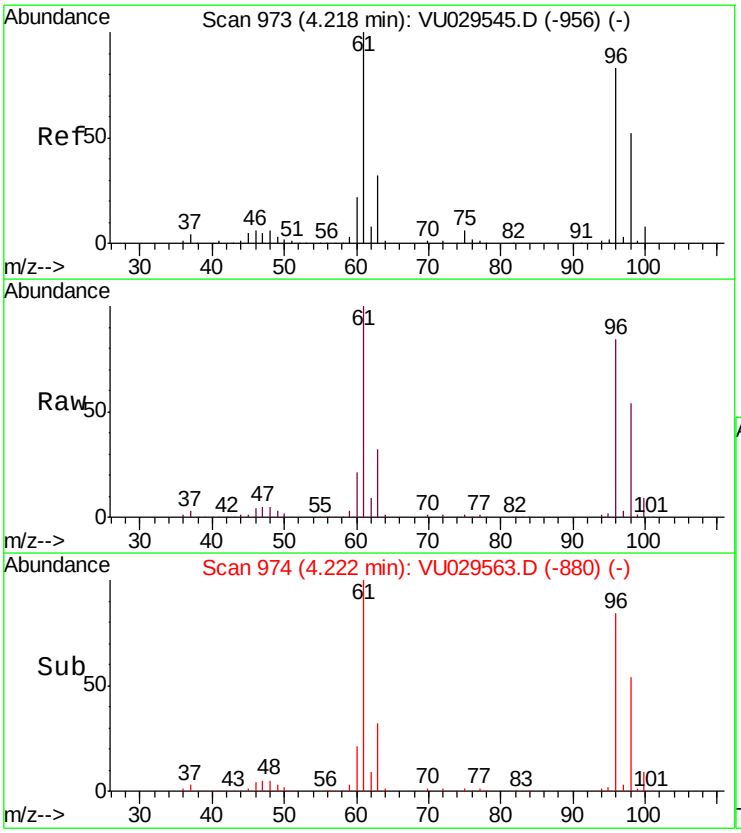
#18
trans-1,2-Dichloroethene
Concen: 0.328 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5

Tgt Ion: 96 Resp: 6037

Ion	Ratio	Lower	Upper
96	100		
61	132.0	95.4	177.2
98	60.2	45.8	85.2

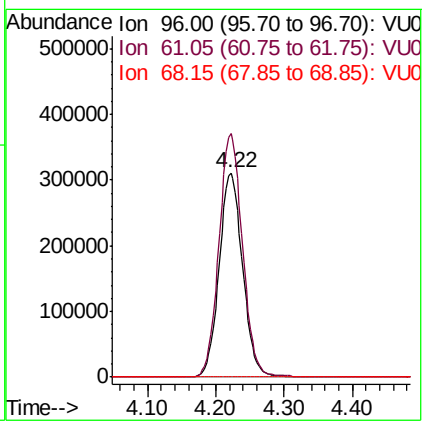


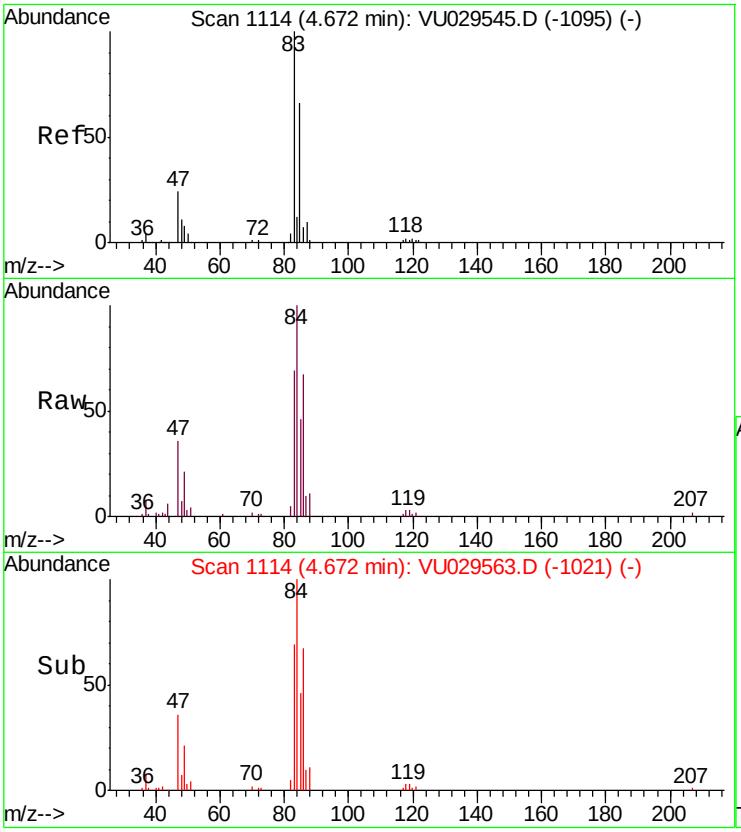


#22
cis-1,2-Dichloroethene
Concen: 43.955 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Tgt Ion: 96 Resp: 743663

Ion	Ratio	Lower	Upper
96	100		
61	119.1	79.9	148.5
68	0.0	0.0	0.0



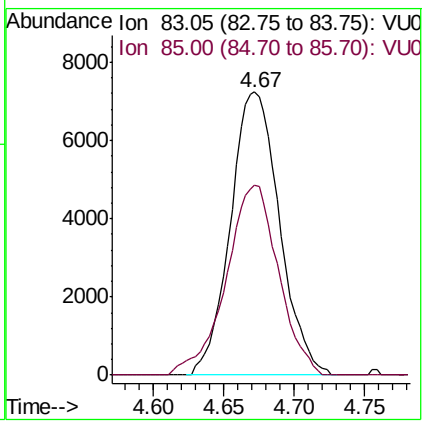


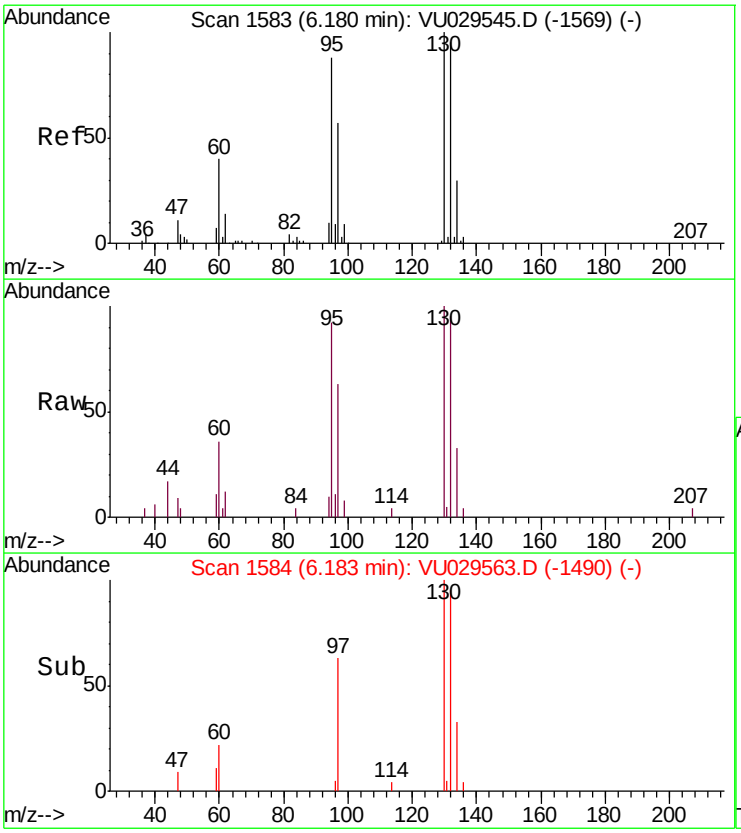
#25
Chloroform
Concen: 0.636 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5

Tgt Ion: 83 Resp: 17638

Ion	Ratio	Lower	Upper
83	100		
85	67.1	47.8	88.8

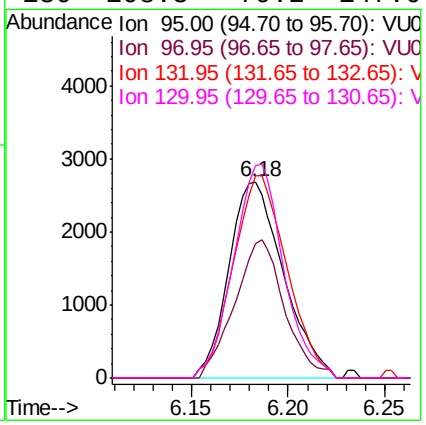


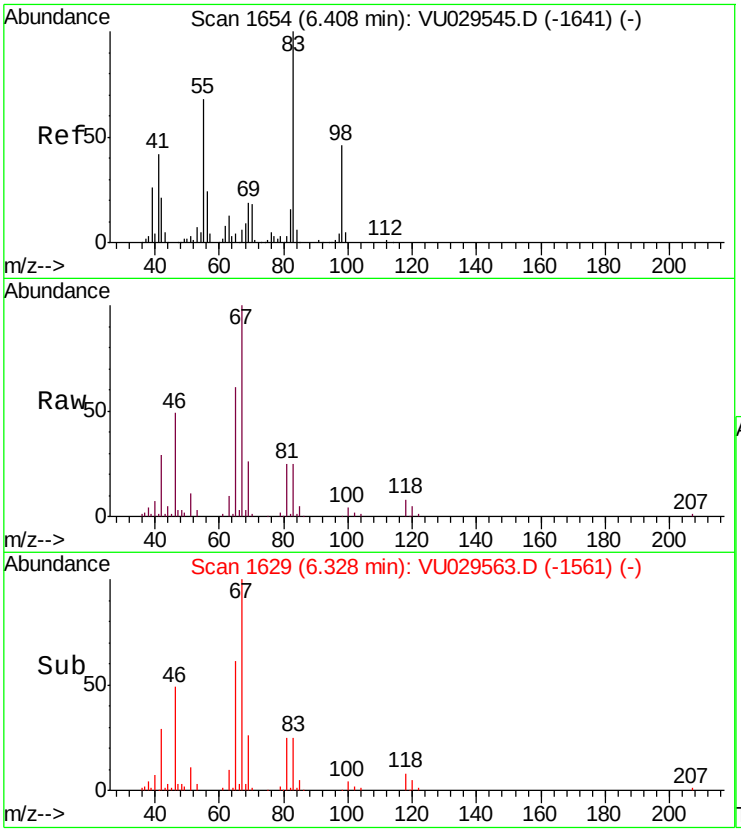


#34
Trichloroethene
Concen: 0.311 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Tgt Ion: 95 Resp: 5256

Ion	Ratio	Lower	Upper
95	100		
97	68.6	46.3	86.1
132	103.2	72.9	135.3
130	108.3	79.2	147.0



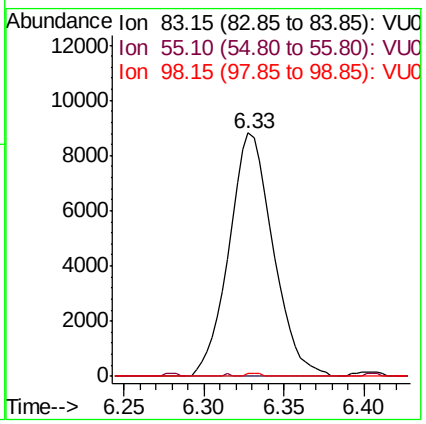


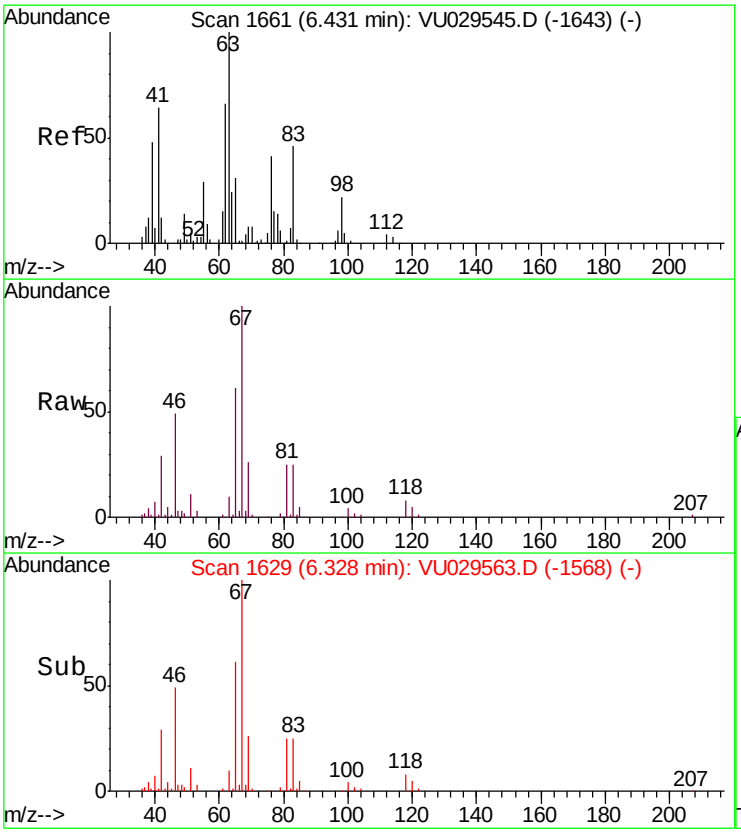
#35
Methylcyclohexane
Concen: 0.583 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5

Tgt Ion: 83 Resp: 16545

Ion	Ratio	Lower	Upper
83	100		
55	0.1	55.9	83.9#
98	0.4	38.6	57.8#

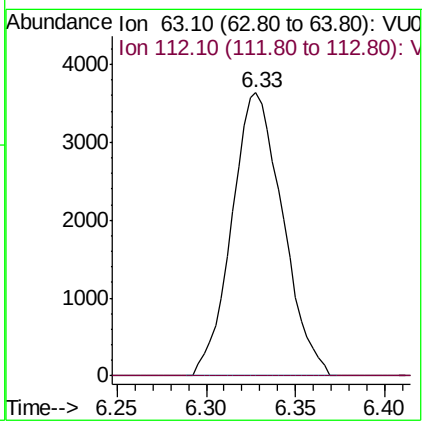


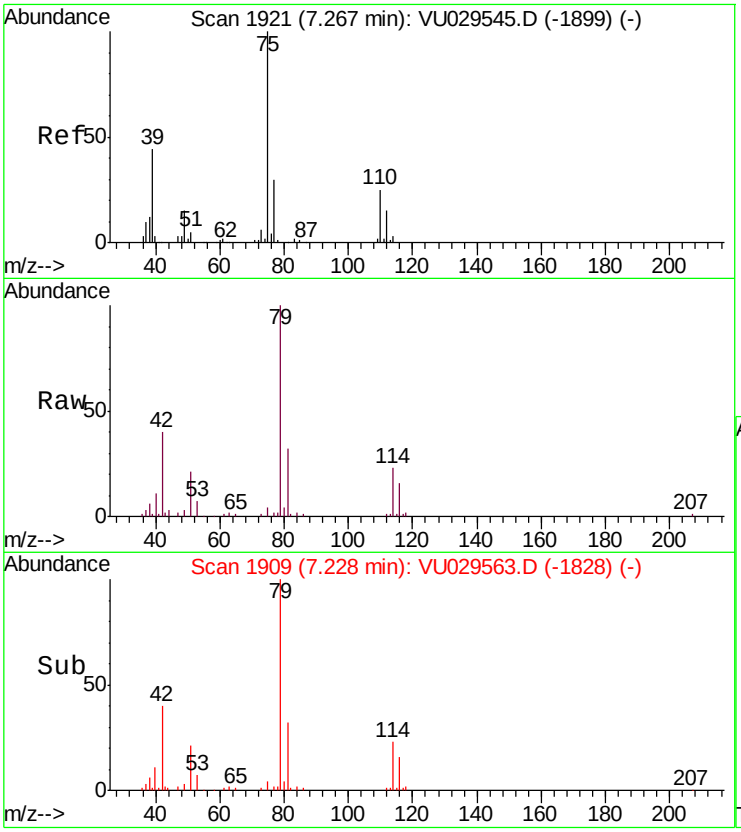


#37
1,2-Dichloropropane
Concen: 0.482 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Tgt Ion: 63 Resp: 7244

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



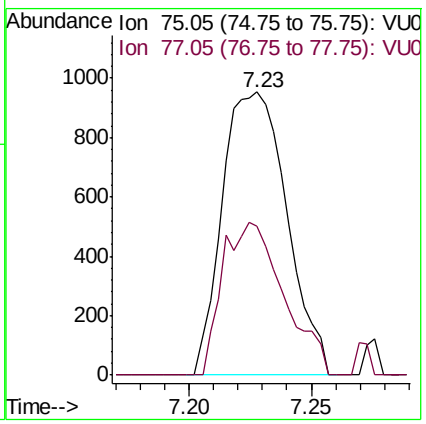


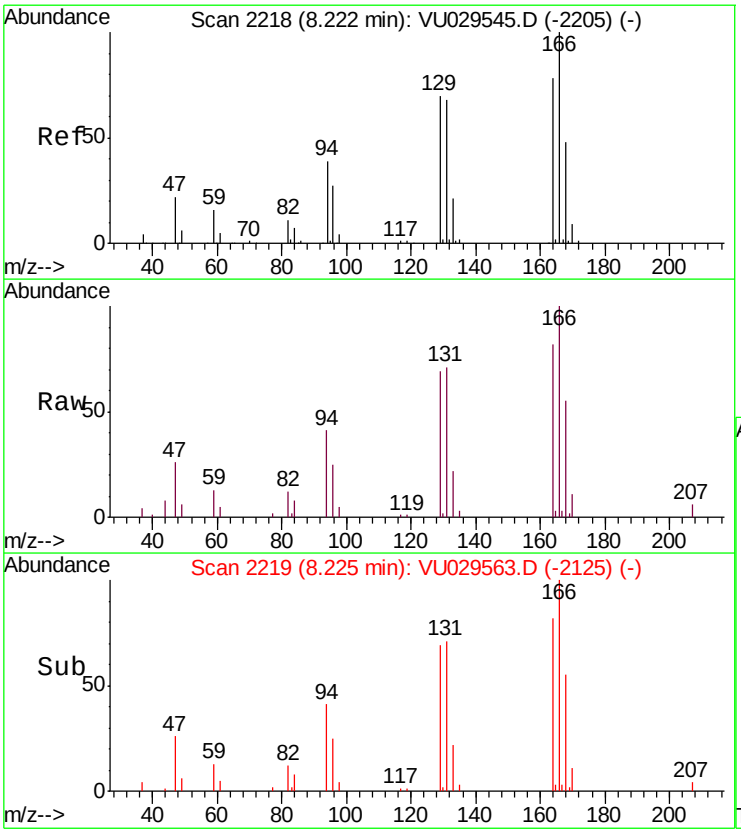
#39
cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5

Tgt Ion: 75 Resp: 1751

Ion	Ratio	Lower	Upper
75	100		
77	52.7	22.3	41.3#

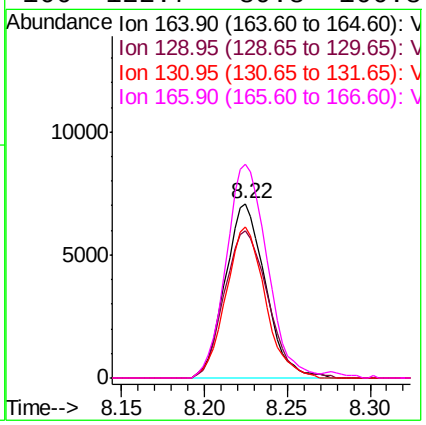


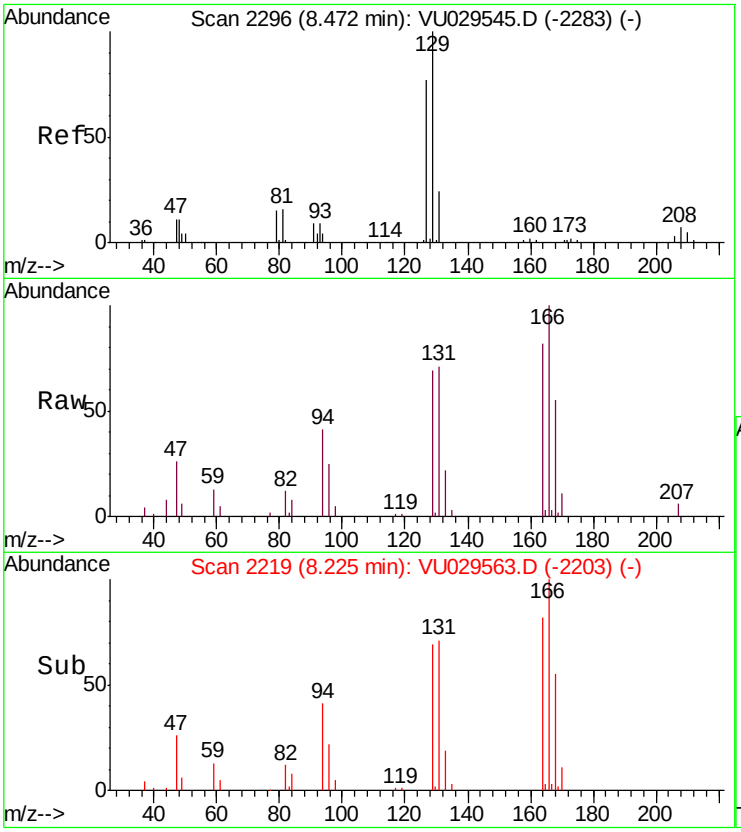


#47
Tetrachloroethene
Concen: 0.773 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Tgt Ion:164 Resp: 11953

Ion	Ratio	Lower	Upper
164	100		
129	84.3	62.9	116.9
131	87.1	62.1	115.3
166	122.7	89.8	166.8



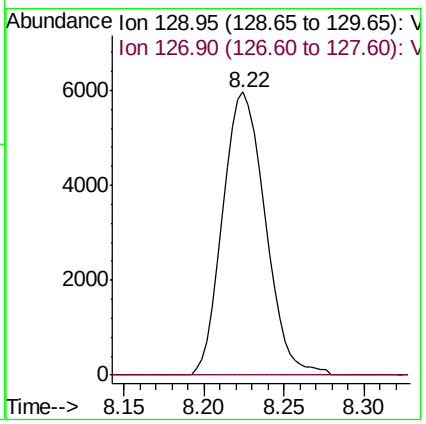


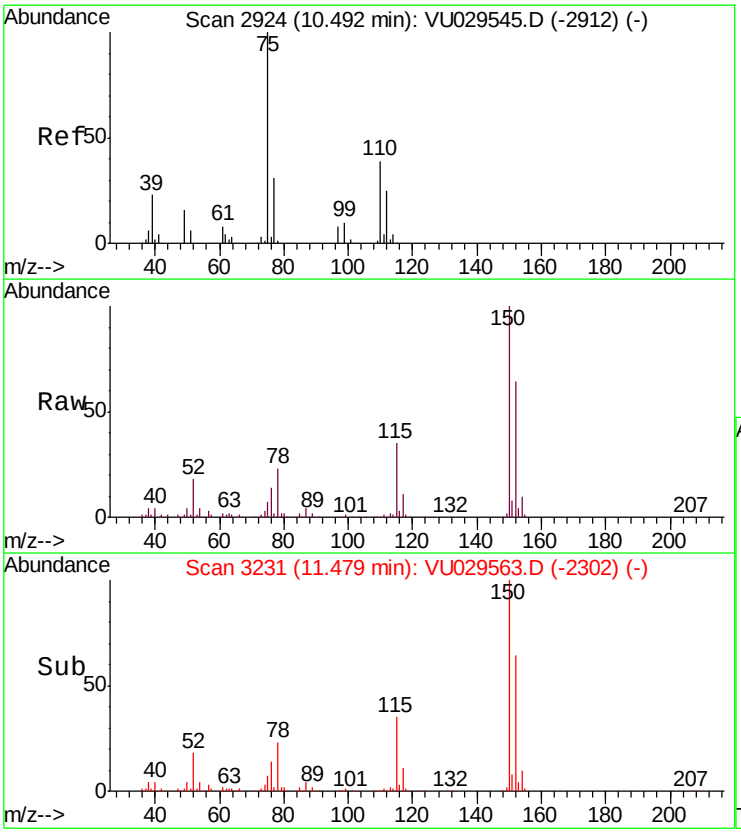
#49
Dibromochloromethane
Concen: 0.699 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5

Tgt Ion:129 Resp: 10858

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	99.1#

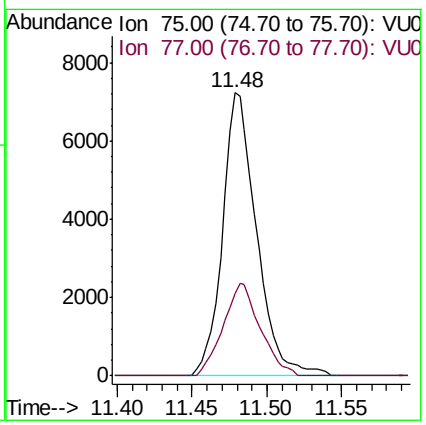


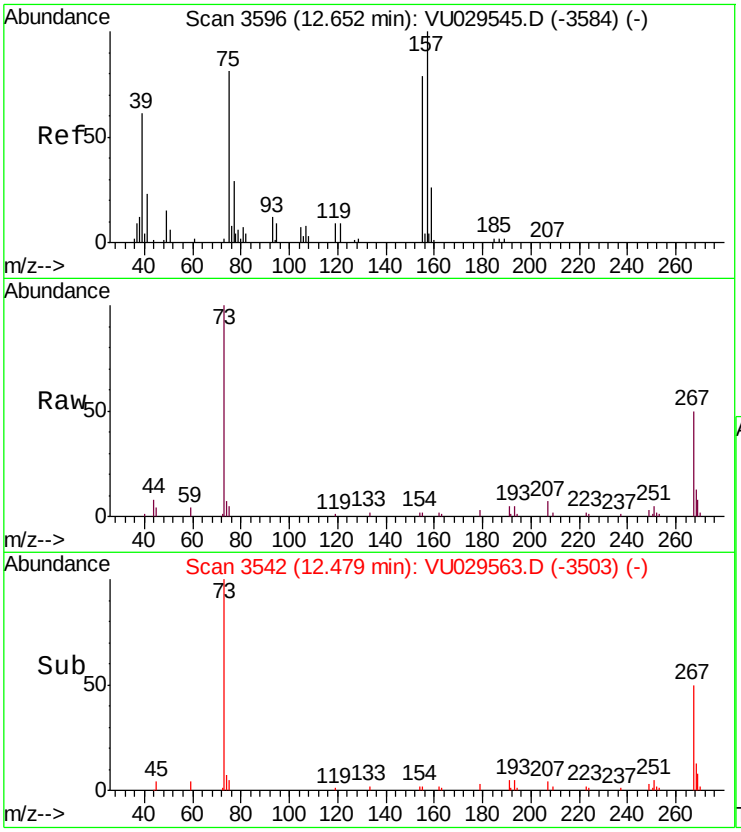


#59
1,2,3-Trichloropropane
Concen: 1.184 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Tgt Ion: 75 Resp: 11426

Ion	Ratio	Lower	Upper
75	100		
77	35.5	28.2	42.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.361 ug/L
RT: 12.48 min Scan# 3542
Delta R.T. -0.17 min
Lab File: VU029563.D
Acq: 19 Feb 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5

Tgt Ion: 75 Resp: 843

Ion	Ratio	Lower	Upper
75	100		
155	29.2	75.3	112.9#
157	0.0	103.0	154.4#