Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

Quantitation Report (Not Reviewed)

Data File : VU029515.D
Acq On : 15 Feb 2019 22:53
Operator : JC/SP
Sample : K1489-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXG2

Quant Time: Feb 16 00:19:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191838	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100289	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	58923	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.68	69	54310	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.27	63	96524	3.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%			
20) 2-Butanone-d5	4.19	46	129569	48.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.70%			
24) Chloroform-d	4.65	84	98065	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.31	65	54173	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.34	84	217250	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.33	67	65593	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.56	98	216949	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	7.85	79	26021	4.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.00%			
46) 2-Hexanone-d5	8.31	63	140290	51.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.94%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56594	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96438	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	101934	5.517	ug/L #	55
8) Chloroethane	1.54	64	154927	12.878	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1685	0.101	ug/L #	50
12) 1,1-Dichloroethene	2.28	96	1597	0.101	ug/L #	1
13) Acetone	2.32	43	4978	2.045	ug/L	92
17) Methyl tert-butyl Ether	3.00	73	10697	0.271	ug/L #	57
18) trans-1,2-Dichloroethene	2.98	96	5291	0.314	ug/L	90
19) 1,1-Dichloroethane	3.44	63	1092	0.043	ug/L #	82
22) cis-1,2-Dichloroethene	4.22	96	93251	6.022	ug/L	99
25) Chloroform	4.67	83	3949	0.156	ug/L	95
34) Trichloroethene	6.19	95	4363	0.283	ug/L	88
37) 1,2-Dichloropropane	6.33	63	7124	0.518	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1855	0.086	ug/L #	65
42) Toluene	7.63	91	1961	0.032	ug/L	86
48) 2-Hexanone	8.31	43	16312	2.824	ug/L #	69
52) Ethylbenzene	9.25	91	3459	0.050	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	9518	1.079	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

Quantitation Report (Not Reviewed)

Data File : VU029515.D
Acq On : 15 Feb 2019 22:53
Operator : JC/SP
Sample : K1489-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXG2

Quant Time: Feb 16 00:19:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

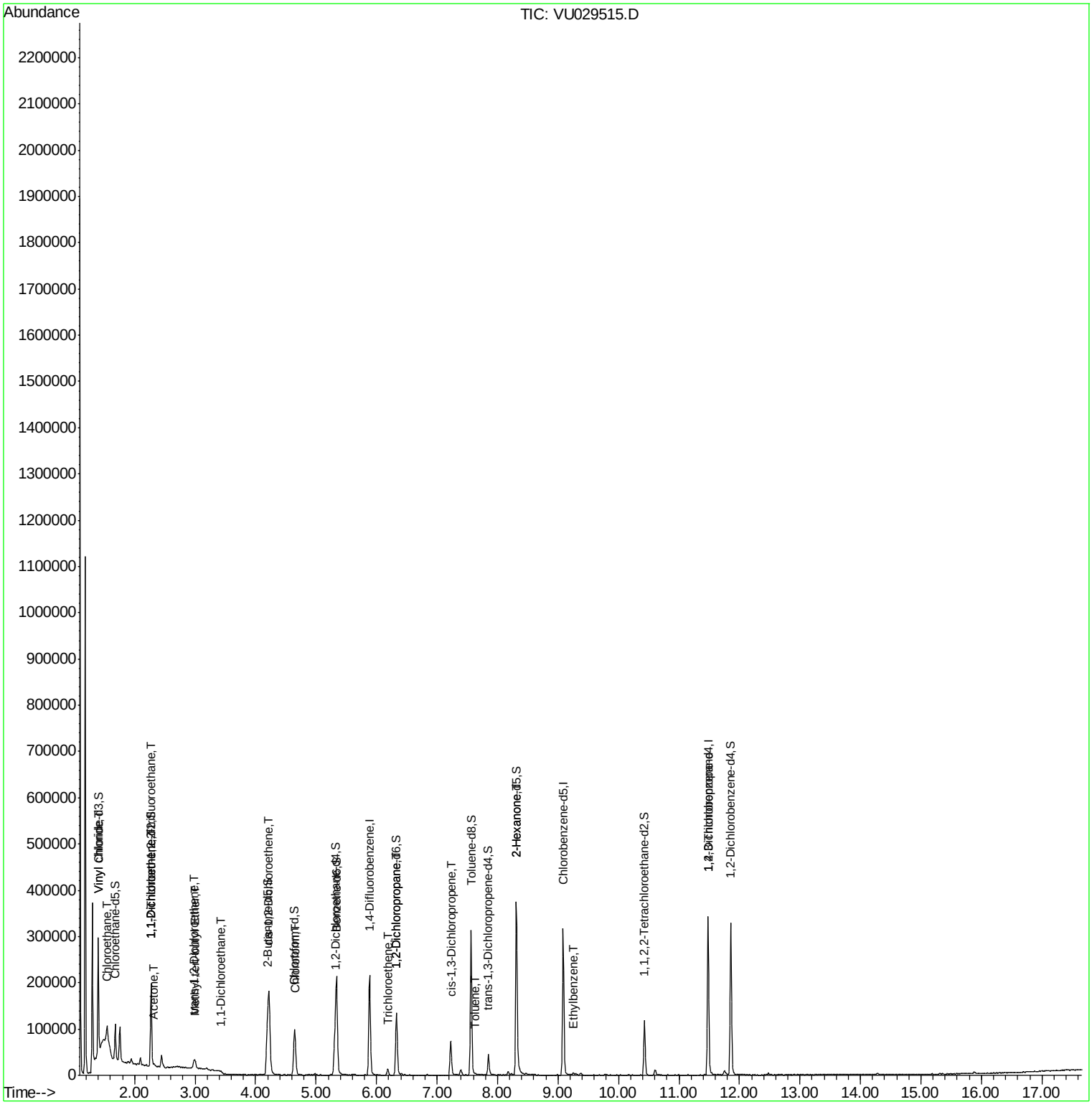
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

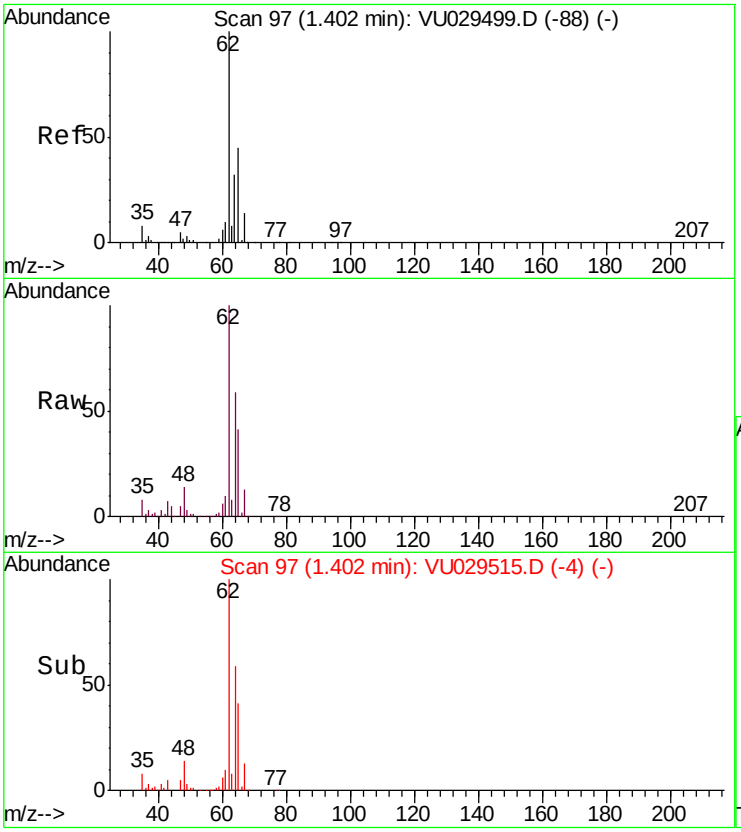
Quantitation Report (Not Reviewed)

Data File : VU029515.D
Acq On : 15 Feb 2019 22:53
Operator : JC/SP
Sample : K1489-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXG2

Quant Time: Feb 16 00:19:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration



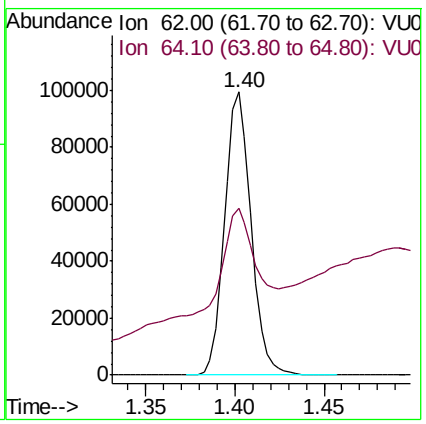


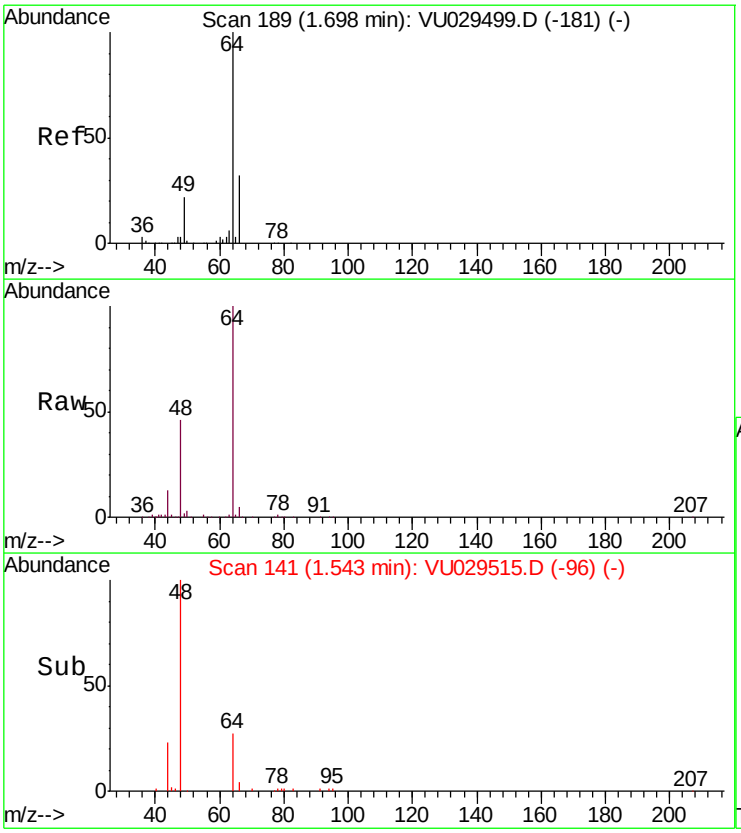
#5
Vinyl chloride
Concen: 5.517 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Instrument :
MSVOA_U
ClientSampleId :
ESXG2

Tgt Ion: 62 Resp: 101934

Ion	Ratio	Lower	Upper
62	100		
64	59.1	23.5	43.7#

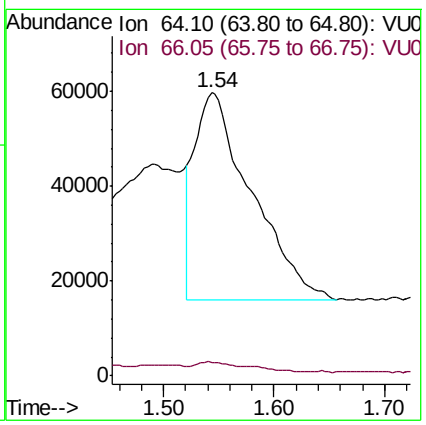


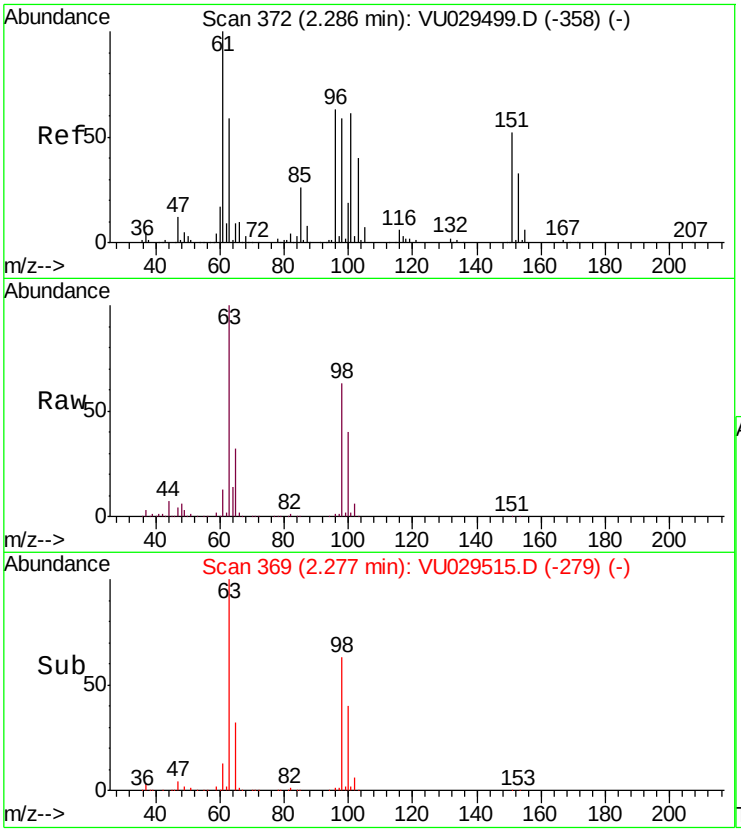


#8
Chloroethane
Concen: 12.878 ug/L
RT: 1.54 min Scan# 141
Delta R.T. -0.15 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Tgt Ion: 64 Resp: 154927

Ion	Ratio	Lower	Upper
64	100		
66	4.8	22.0	40.8#



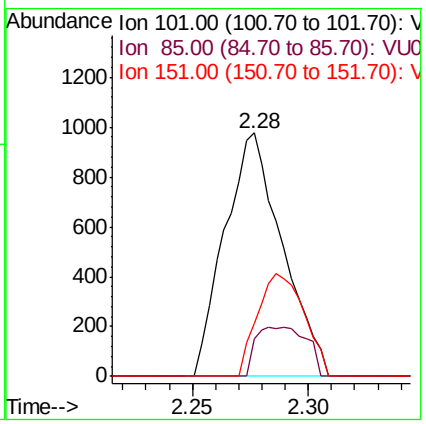


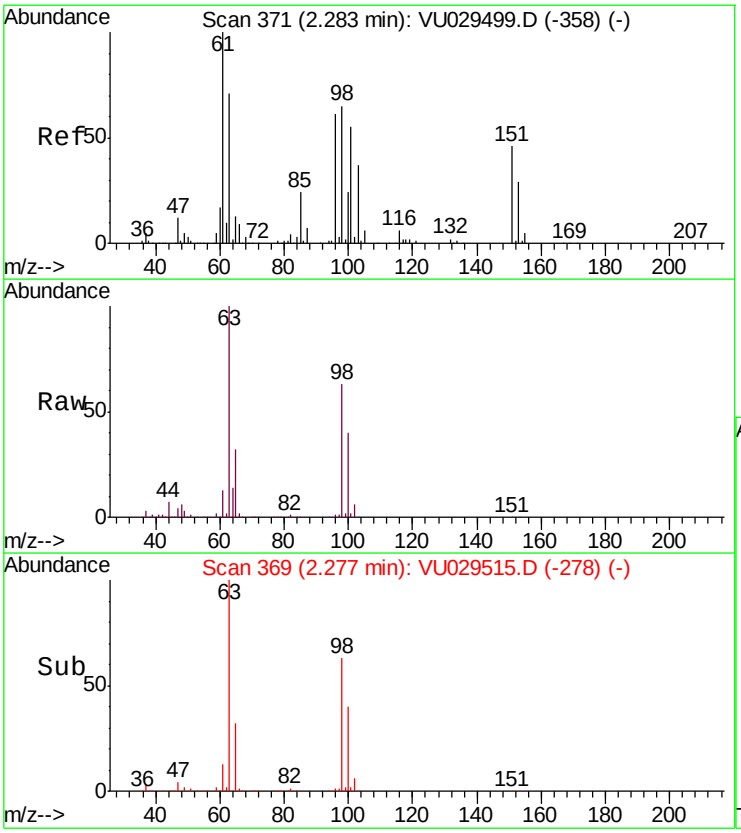
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.101 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Instrument :
MSVOA_U
ClientSampleId :
ESXG2

Tgt Ion:101 Resp: 1685

Ion	Ratio	Lower	Upper
101	100		
85	18.0	35.1	52.7#
151	34.2	67.0	100.6#

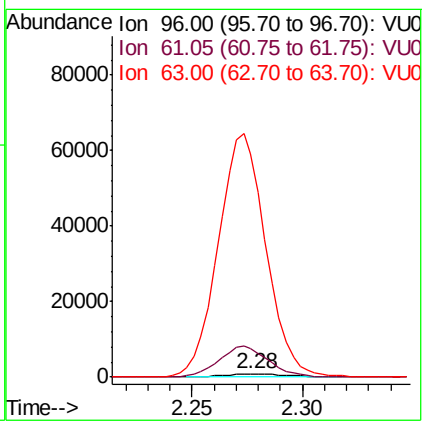


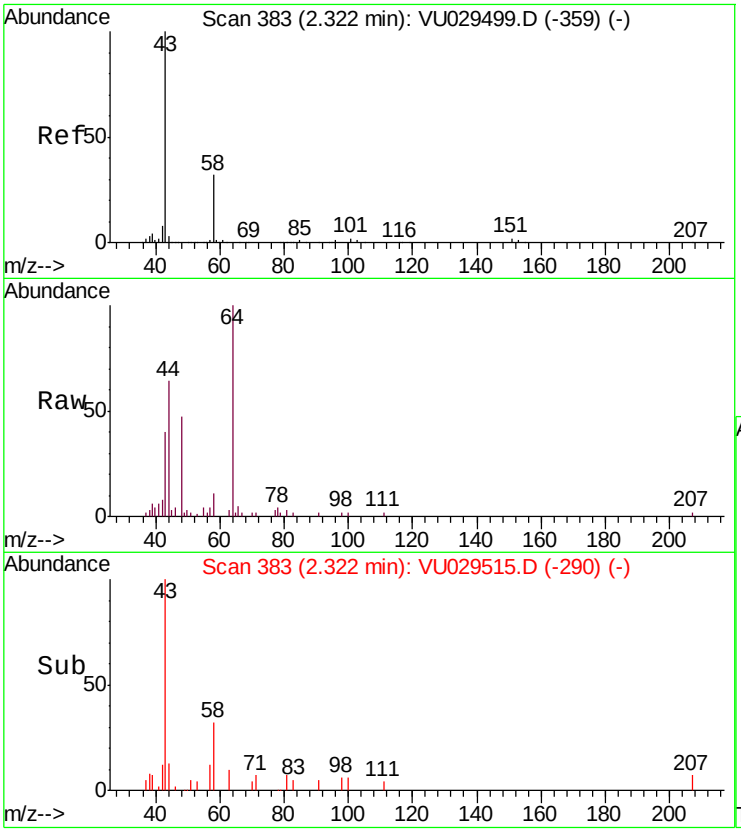


#12
1,1-Dichloroethene
Concen: 0.101 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Tgt Ion: 96 Resp: 1597

Ion	Ratio	Lower	Upper
96	100		
61	883.9	115.1	213.7#
63	6945.8	83.5	155.1#



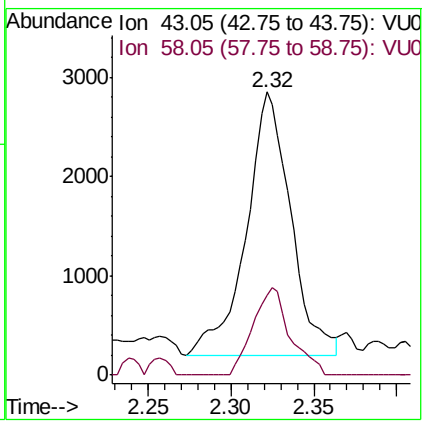


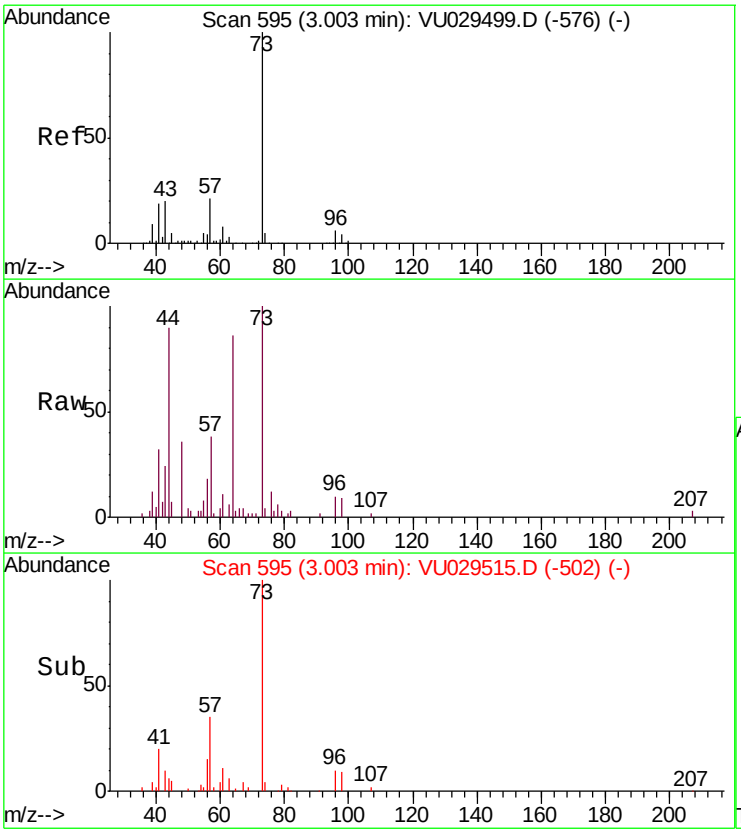
#13
Acetone
Concen: 2.045 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Instrument : MSVOA_U
ClientSampleId : ESXG2

Tgt Ion: 43 Resp: 4978

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	65.0

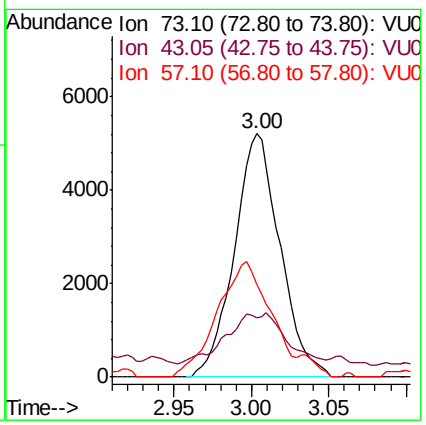


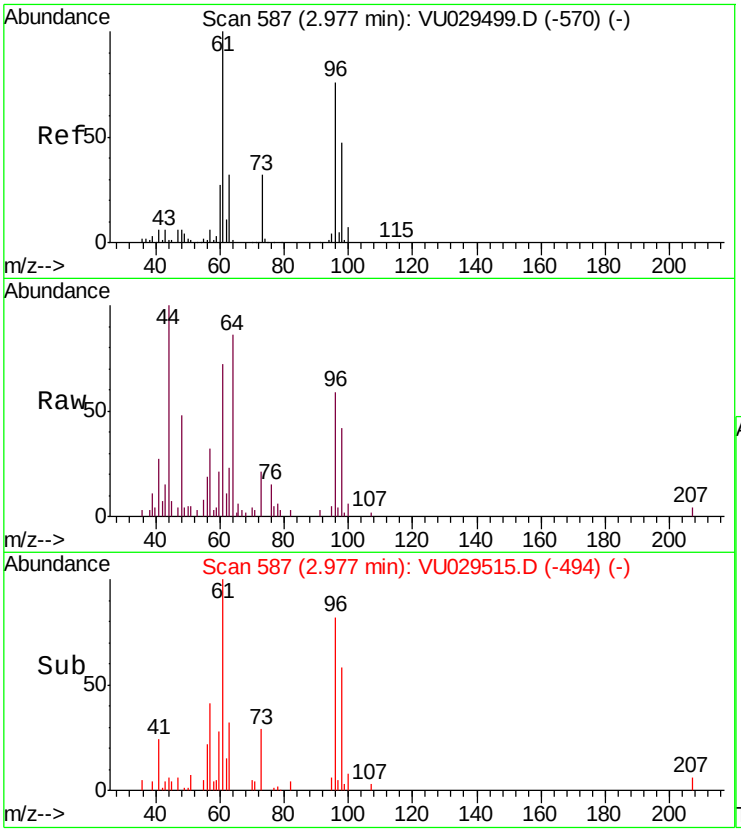


#17
Methyl tert-butyl Ether
Concen: 0.271 ug/L
RT: 3.00 min Scan# 595
Delta R.T. -0.00 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Tgt Ion: 73 Resp: 10697

Ion	Ratio	Lower	Upper
73	100		
43	14.7	16.0	24.0#
57	55.0	16.9	25.3#



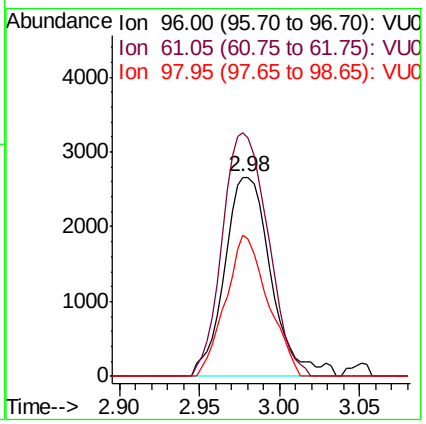


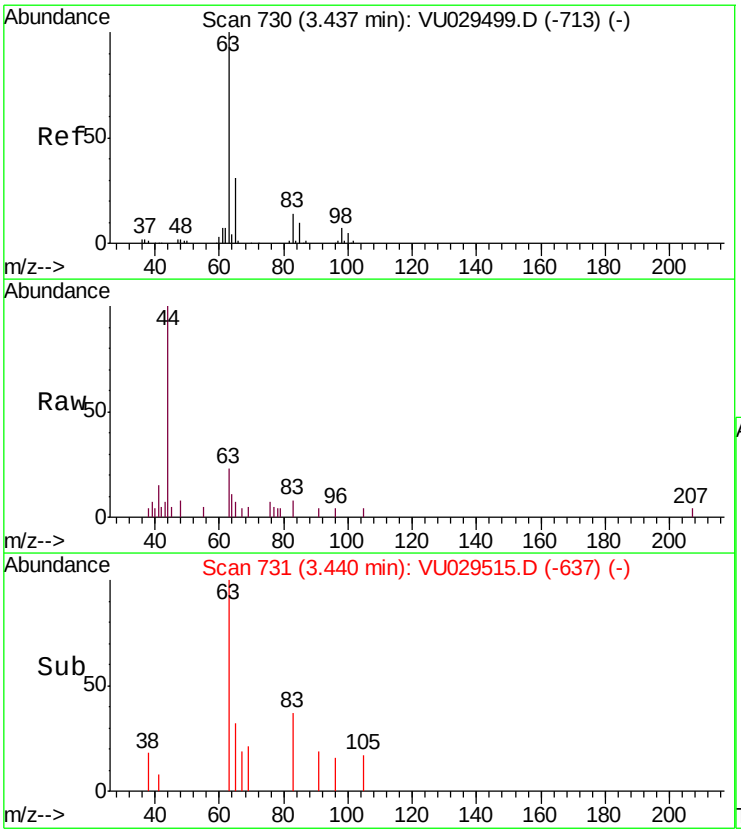
#18
trans-1,2-Dichloroethene
Concen: 0.314 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Instrument :
MSVOA_U
ClientSampleId :
ESXG2

Tgt Ion: 96 Resp: 5291

Ion	Ratio	Lower	Upper
96	100		
61	122.1	95.4	177.2
98	70.7	45.8	85.2

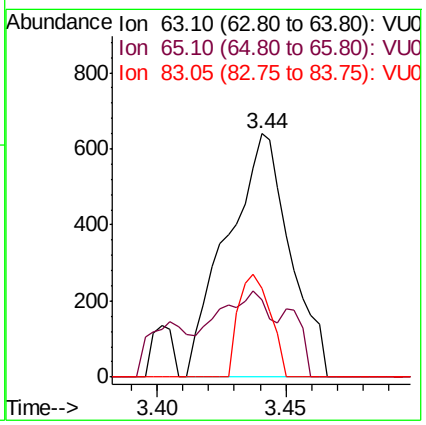


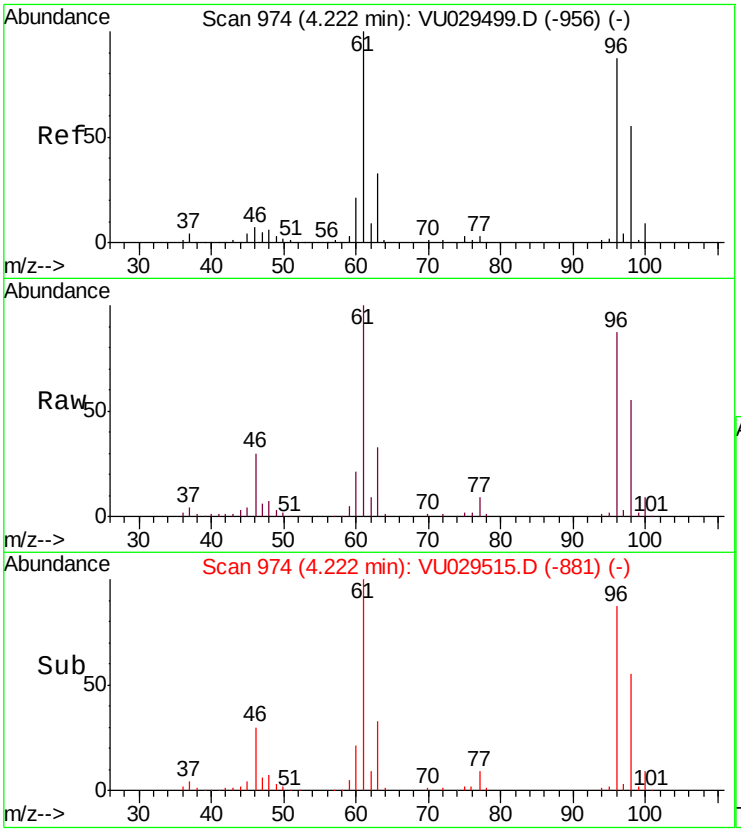


#19
1,1-Dichloroethane
Concen: 0.043 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Tgt Ion: 63 Resp: 1092

Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.5	43.7
83	36.6	10.3	19.1#



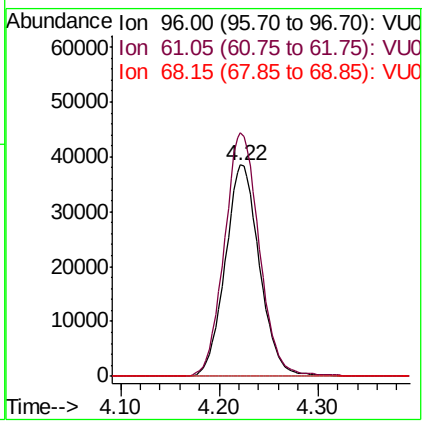


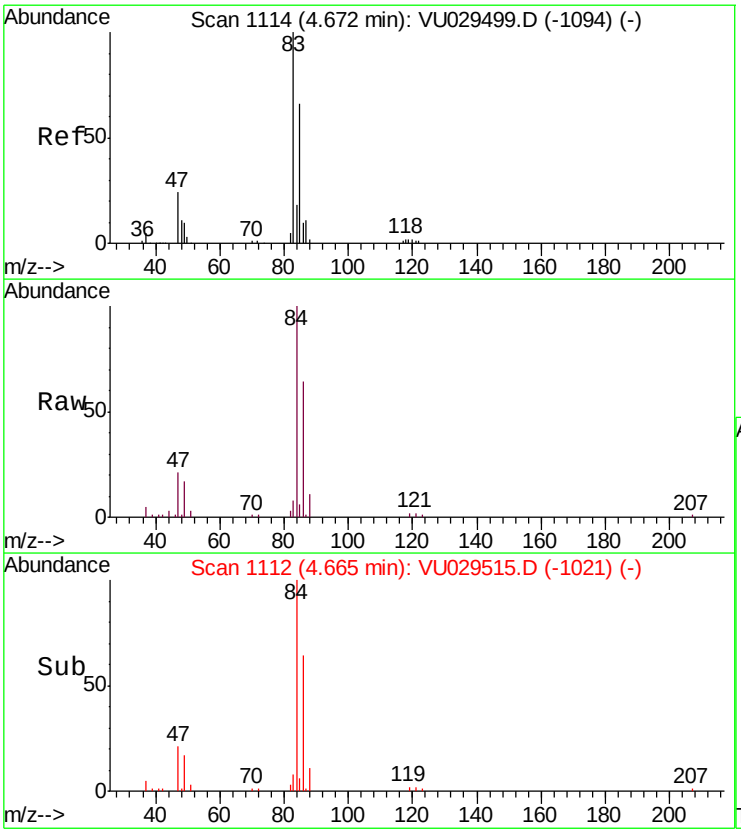
#22
cis-1,2-Dichloroethene
Concen: 6.022 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Instrument :
MSVOA_U
ClientSampleId :
ESXG2

Tgt Ion: 96 Resp: 93251

Ion	Ratio	Lower	Upper
96	100		
61	115.3	79.9	148.5
68	0.0	0.0	0.0

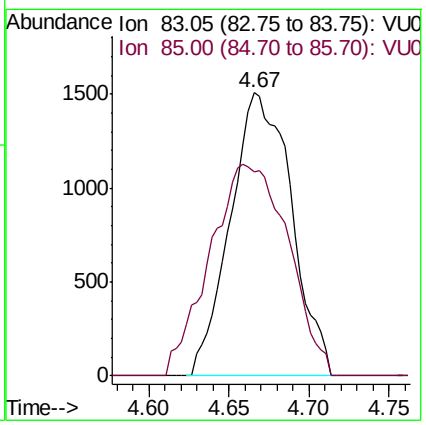


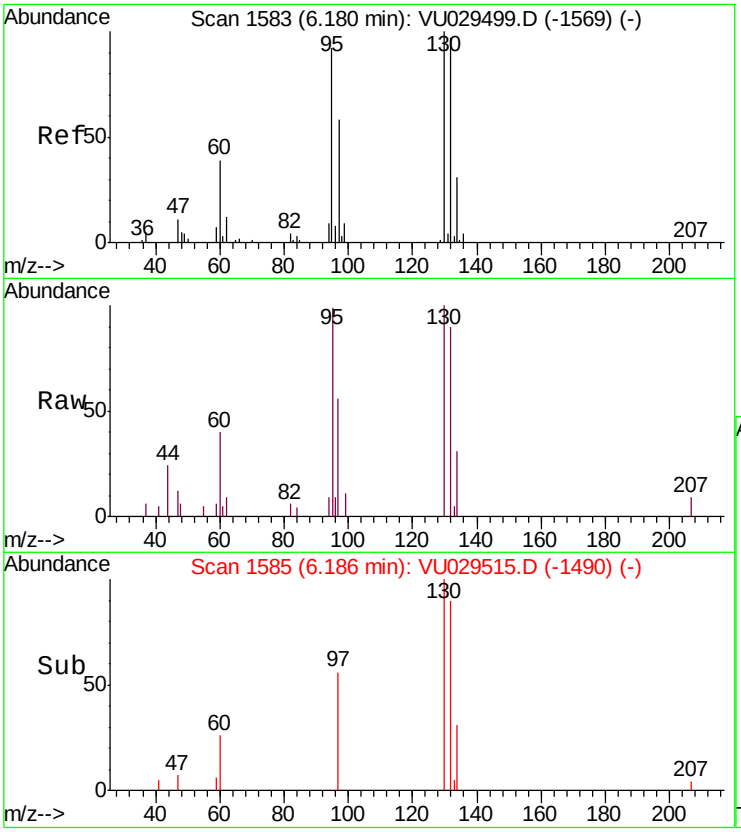


#25
Chloroform
Concen: 0.156 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Tgt Ion: 83 Resp: 3949

Ion	Ratio	Lower	Upper
83	100		
85	72.0	47.8	88.8



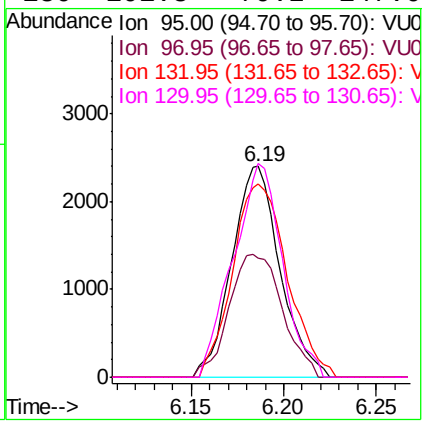


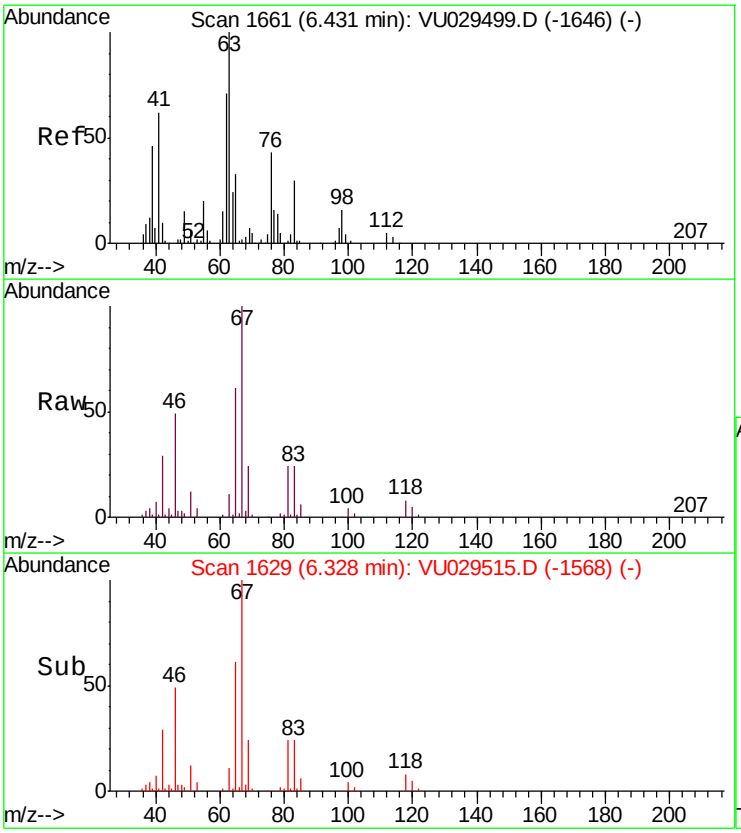
#34
Trichloroethene
Concen: 0.283 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Instrument : MSVOA_U
ClientSampleId : ESXG2

Tgt Ion: 95 Resp: 4363

Ion	Ratio	Lower	Upper
95	100		
97	56.5	46.3	86.1
132	91.5	72.9	135.3
130	101.3	79.2	147.0

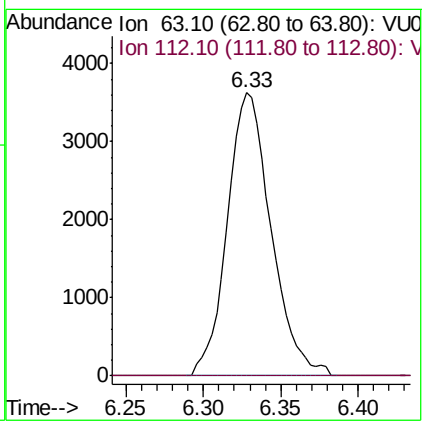


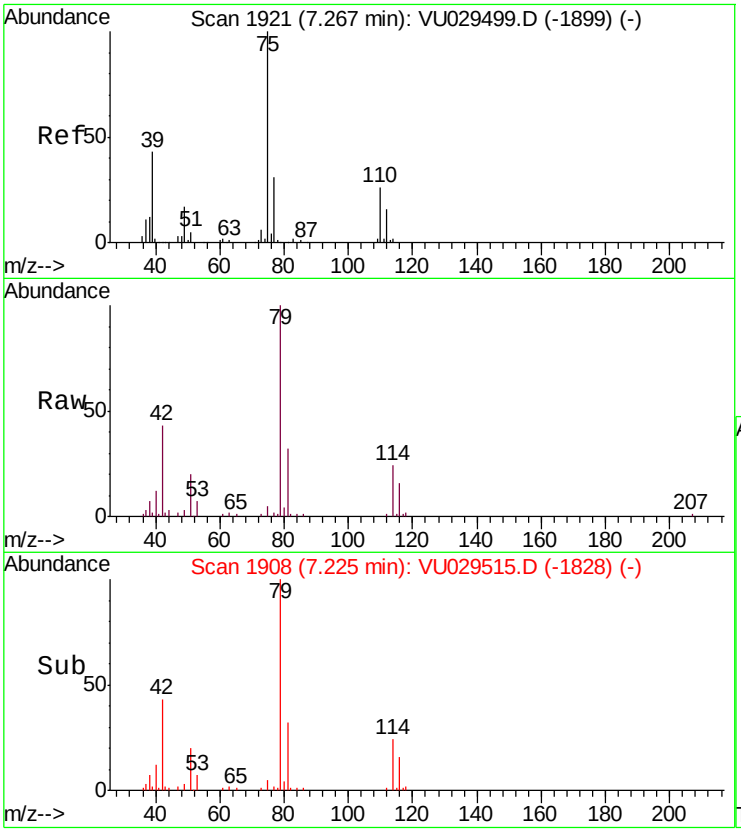


#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Tgt Ion: 63 Resp: 7124

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



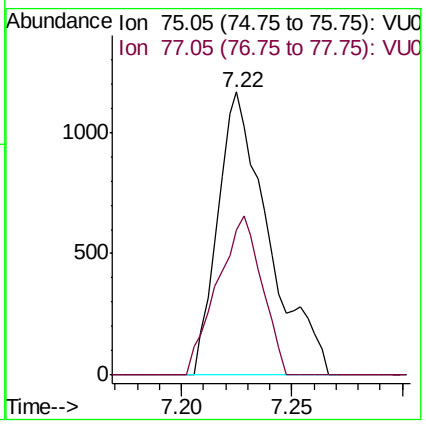


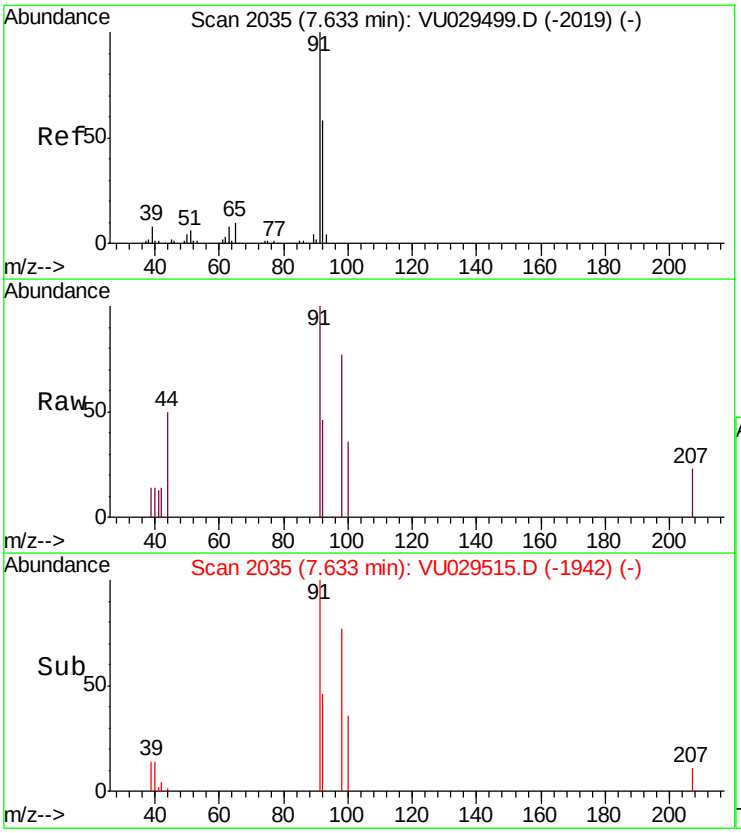
#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Instrument :
MSVOA_U
ClientSampleId :
ESXG2

Tgt Ion: 75 Resp: 1855

Ion	Ratio	Lower	Upper
75	100		
77	51.3	22.3	41.3#

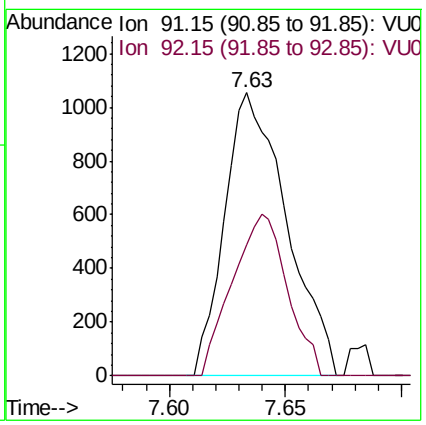


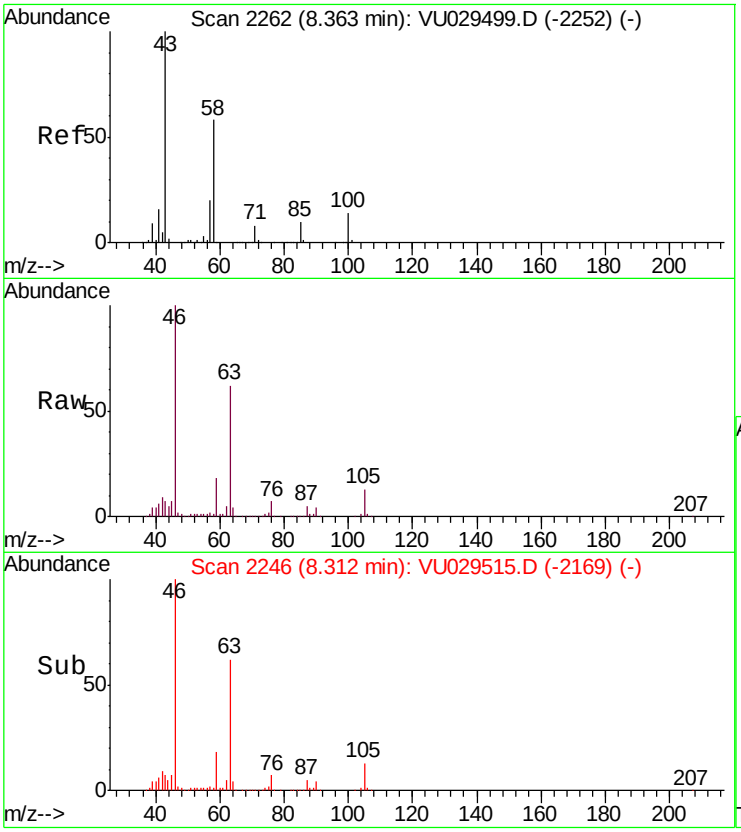


#42
Toluene
Concen: 0.032 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Tgt Ion: 91 Resp: 1961

Ion	Ratio	Lower	Upper
91	100		
92	46.2	39.8	73.8



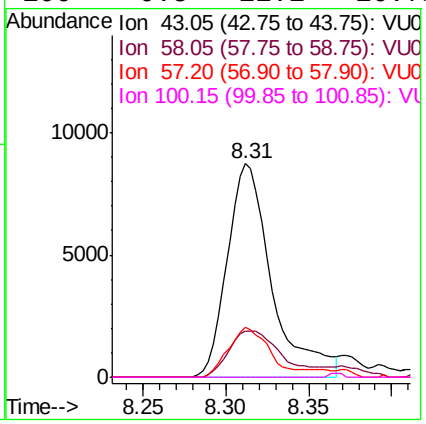


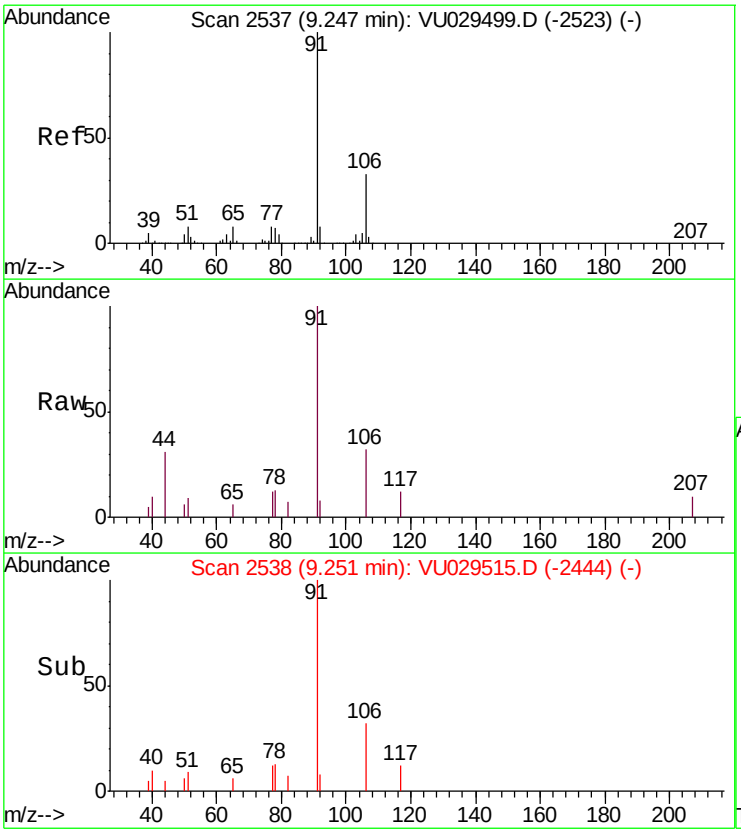
#48
2-Hexanone
Concen: 2.824 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Instrument : MSVOA_U
ClientSampleId : ESXG2

Tgt Ion: 43 Resp: 16312

Ion	Ratio	Lower	Upper
43	100		
58	26.7	45.7	68.5#
57	21.8	16.4	24.6
100	0.5	11.1	16.7#

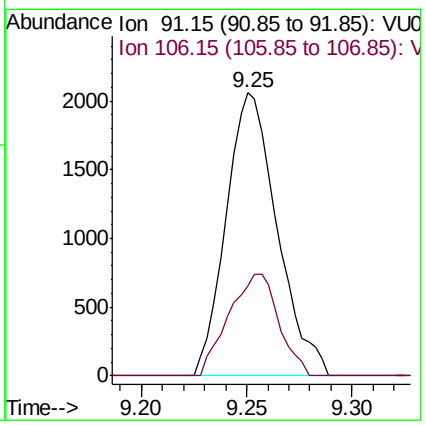


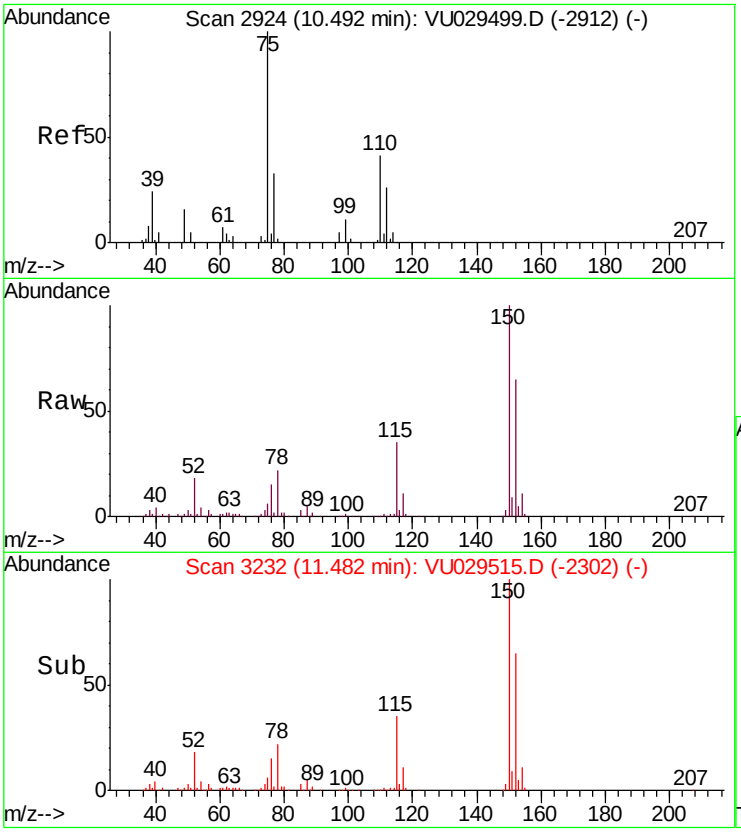


#52
Ethylbenzene
Concen: 0.050 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Tgt Ion: 91 Resp: 3459

Ion	Ratio	Lower	Upper
91	100		
106	31.9	22.8	42.4





#59
1,2,3-Trichloropropane
Concen: 1.079 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029515.D
Acq: 15 Feb 2019 22:53

Instrument :
MSVOA_U
ClientSampleId :
ESXG2

Tgt Ion: 75 Resp: 9518

Ion	Ratio	Lower	Upper
75	100		
77	37.9	28.2	42.2