Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022019\

Quantitation Report (Not Reviewed)

Data File : VU029574.D
Acq On : 20 Feb 2019 12:40
Operator : JC/SP
Sample : K1489-06DL2 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXG3DL2

Quant Time: Feb 21 04:26:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 04:23:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204693	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	197089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103749	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	84555	6.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 123.00%			
7) Chloroethane-d5	1.68	69	76312	6.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 125.60%			
11) 1,1-Dichloroethene-d2	2.27	63	131841	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.20%			
20) 2-Butanone-d5	4.19	46	179253	62.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.38%			
24) Chloroform-d	4.65	84	116993	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.31	65	75312	6.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 129.20%			
32) Benzene-d6	5.34	84	305544	6.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 129.00%#			
36) 1,2-Dichloropropane-d6	6.33	67	90155	6.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 128.80%			
41) Toluene-d8	7.56	98	288730	6.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 123.60%			
43) trans-1,3-Dichloropropene-	7.85	79	34443	5.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.20%			
46) 2-Hexanone-d5	8.31	63	179837	62.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.88%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75673	6.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 124.40%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	121643	6.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 127.20%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	37555	1.905	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1335	0.075	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1607	0.095	ug/L #	1
18) trans-1,2-Dichloroethene	2.98	96	1397	0.078	ug/L	86
22) cis-1,2-Dichloroethene	4.22	96	133630	8.087	ug/L	96
25) Chloroform	4.67	83	27720	1.024	ug/L	94
35) Methylcyclohexane	6.33	83	21474	0.783	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9655	0.664	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2390	0.105	ug/L #	50
48) 2-Hexanone	8.37	43	1893	0.310	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	10554	1.132	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	1124	0.519	ug/L #	1

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022019\

Quantitation Report (Not Reviewed)

Data File : VU029574.D
Acq On : 20 Feb 2019 12:40
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Sample : K1489-06DL2 400X
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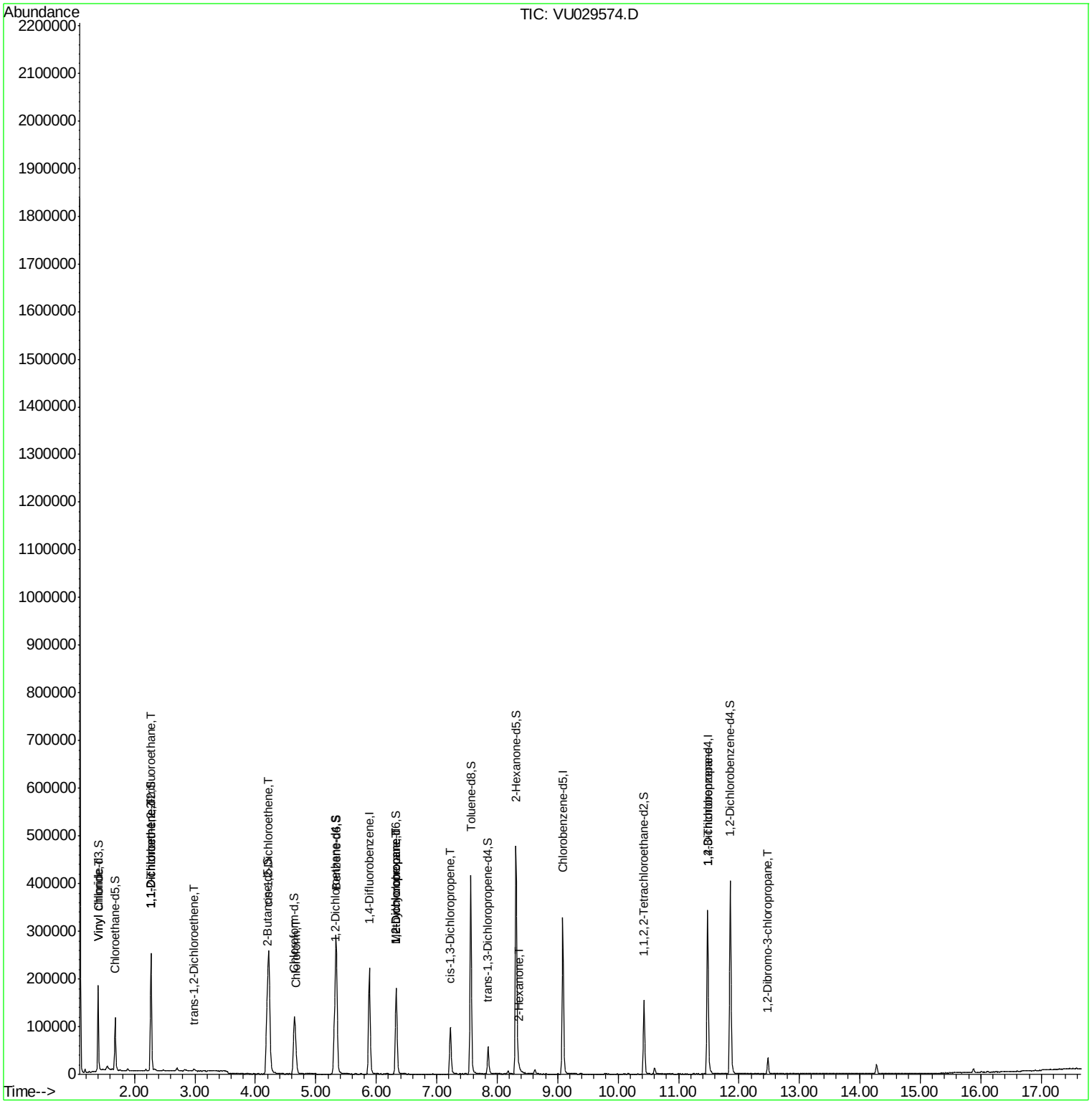
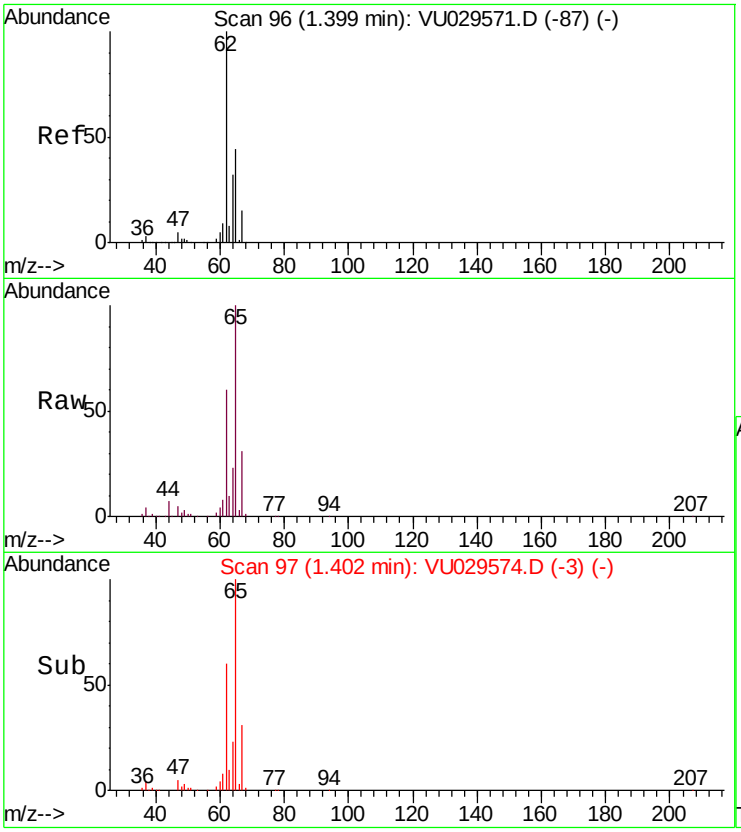
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXG3DL2

Quant Time: Feb 21 04:26:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 04:23:07 2019
Response via : Initial Calibration



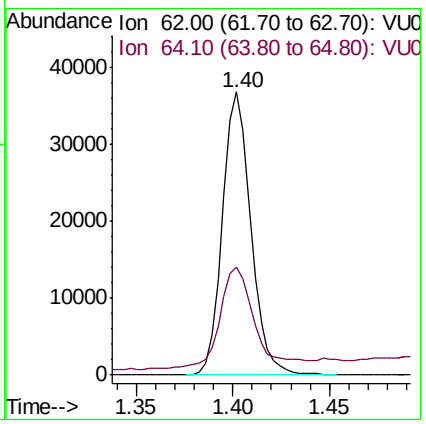


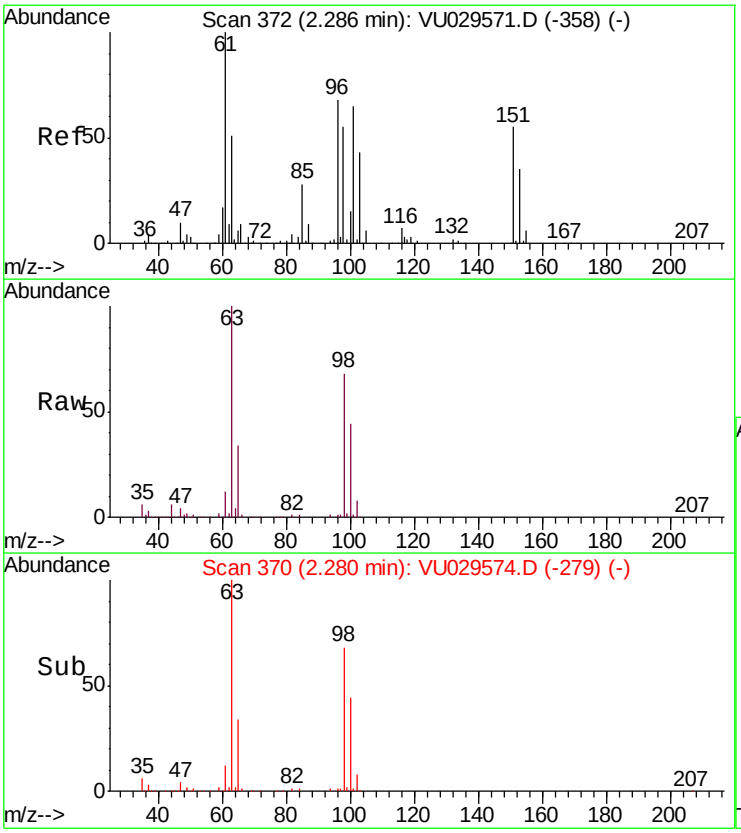
#5
Vinyl chloride
Concen: 1.905 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Instrument :
MSVOA_U
ClientSampleId :
ESXG3DL2

Tgt Ion: 62 Resp: 37555

Ion	Ratio	Lower	Upper
62	100		
64	38.2	23.5	43.7

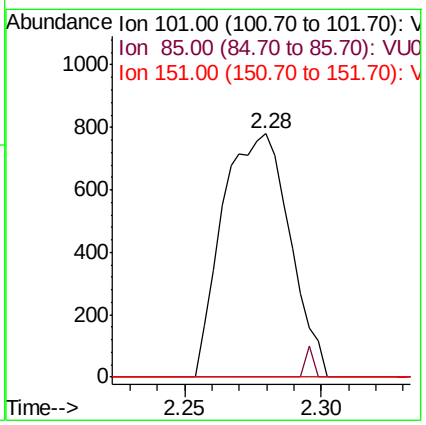


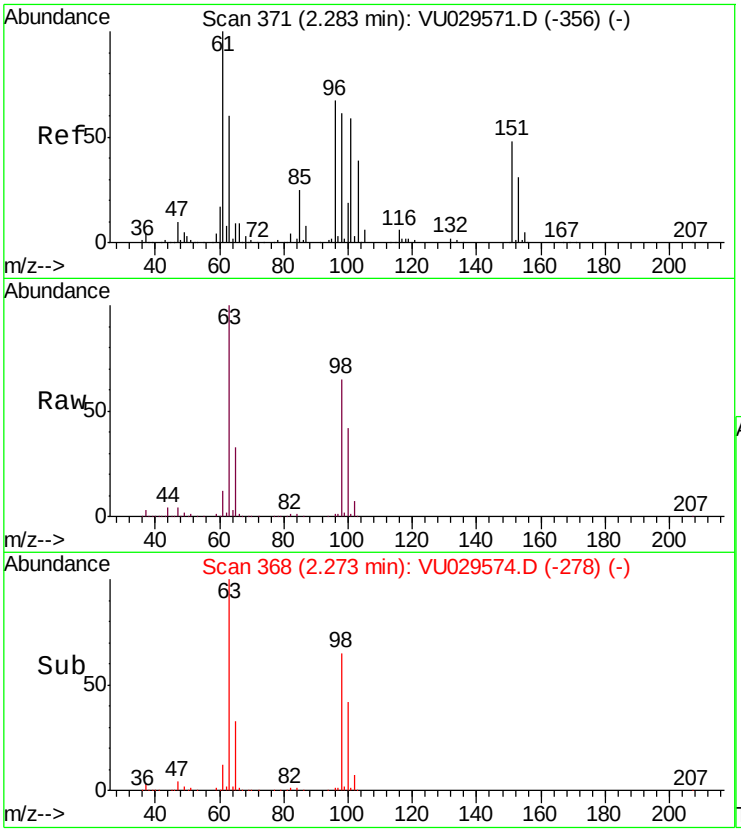


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Tgt Ion:101 Resp: 1335

Ion	Ratio	Lower	Upper
101	100		
85	1.4	35.1	52.7#
151	0.0	67.0	100.6#



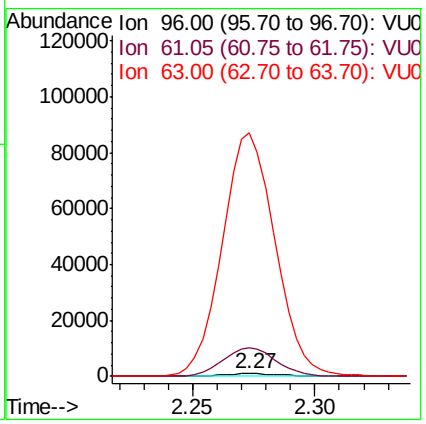


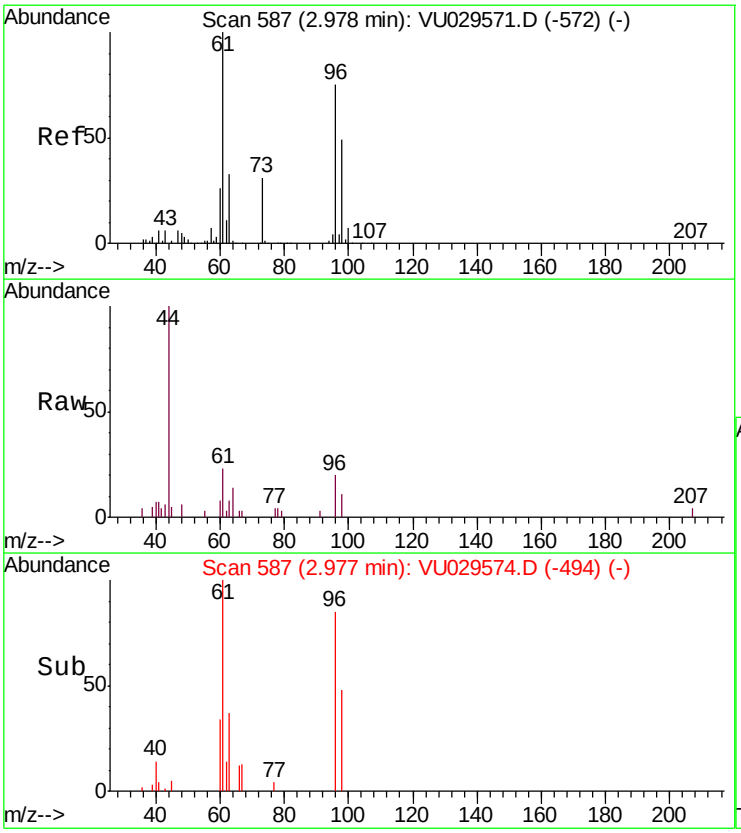
#12
1,1-Dichloroethene
Concen: 0.095 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Instrument : MSVOA_U
ClientSampleId : ESXG3DL2

Tgt Ion: 96 Resp: 1607

Ion	Ratio	Lower	Upper
96	100		
61	1052.5	115.1	213.7#
63	8961.3	83.5	155.1#

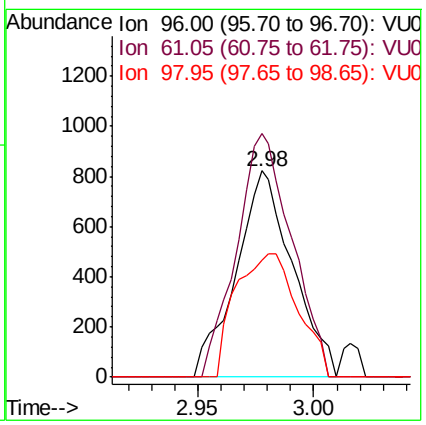


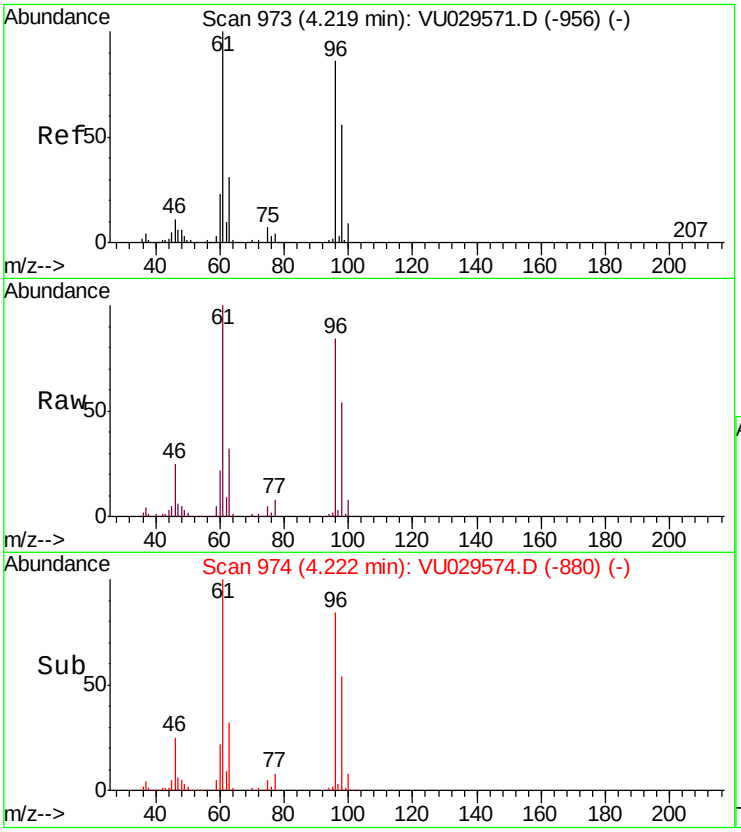


#18
trans-1,2-Dichloroethene
Concen: 0.078 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Tgt Ion: 96 Resp: 1397

Ion	Ratio	Lower	Upper
96	100		
61	118.1	95.4	177.2
98	56.6	45.8	85.2



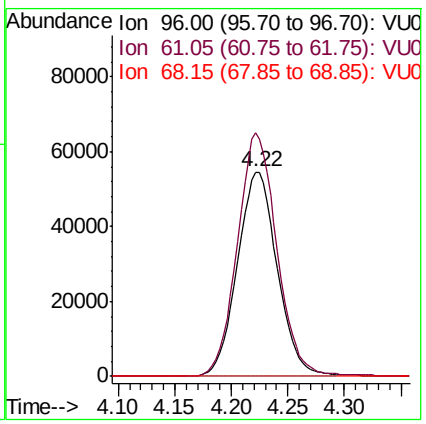


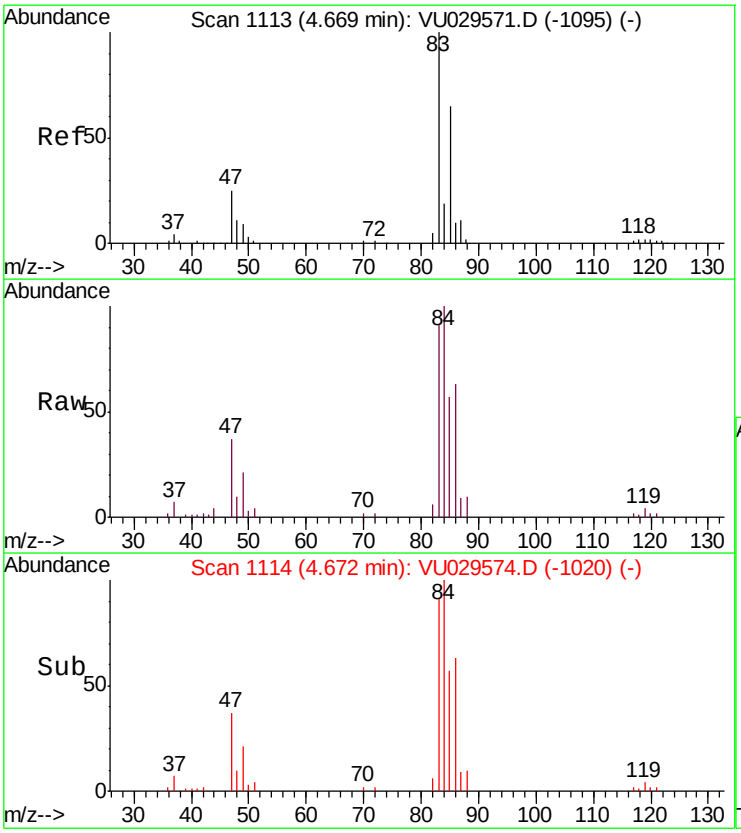
#22
cis-1,2-Dichloroethene
Concen: 8.087 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Instrument : MSVOA_U
ClientSampleId : ESXG3DL2

Tgt Ion: 96 Resp: 133630

Ion	Ratio	Lower	Upper
96	100		
61	119.0	79.9	148.5
68	0.0	0.0	0.0

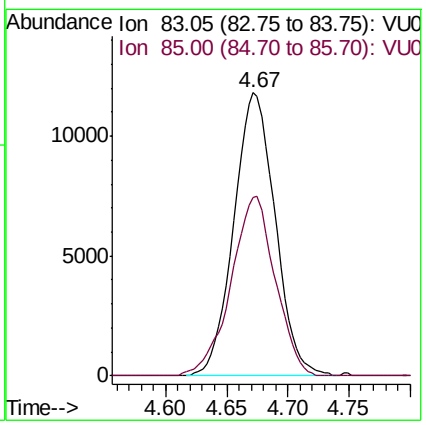


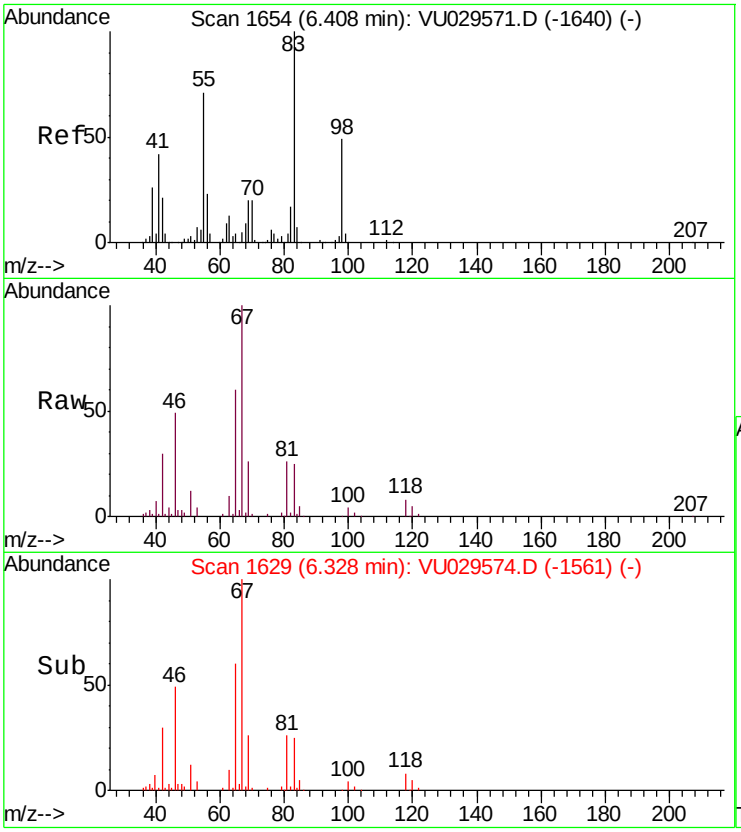


#25
Chloroform
Concen: 1.024 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Tgt Ion: 83 Resp: 27720

Ion	Ratio	Lower	Upper
83	100		
85	63.1	47.8	88.8



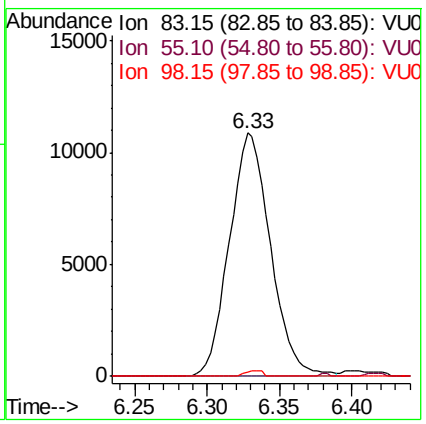


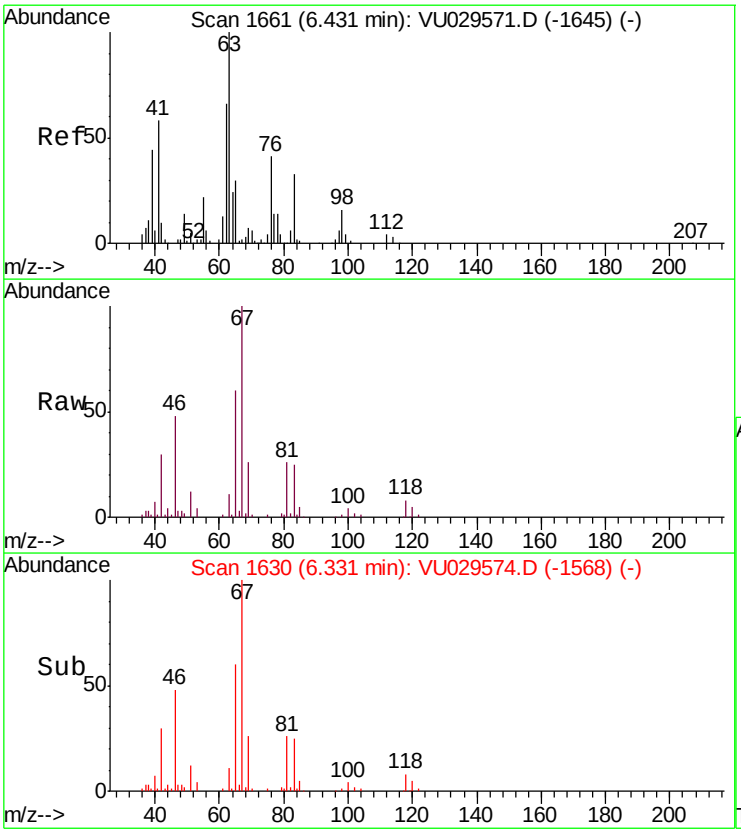
#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Instrument :
MSVOA_U
ClientSampleId :
ESXG3DL2

Tgt Ion: 83 Resp: 21474

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.9	83.9#
98	0.9	38.6	57.8#

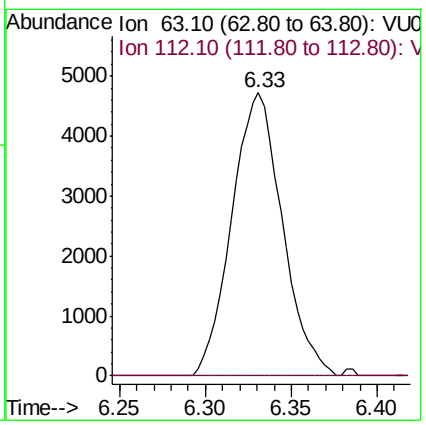


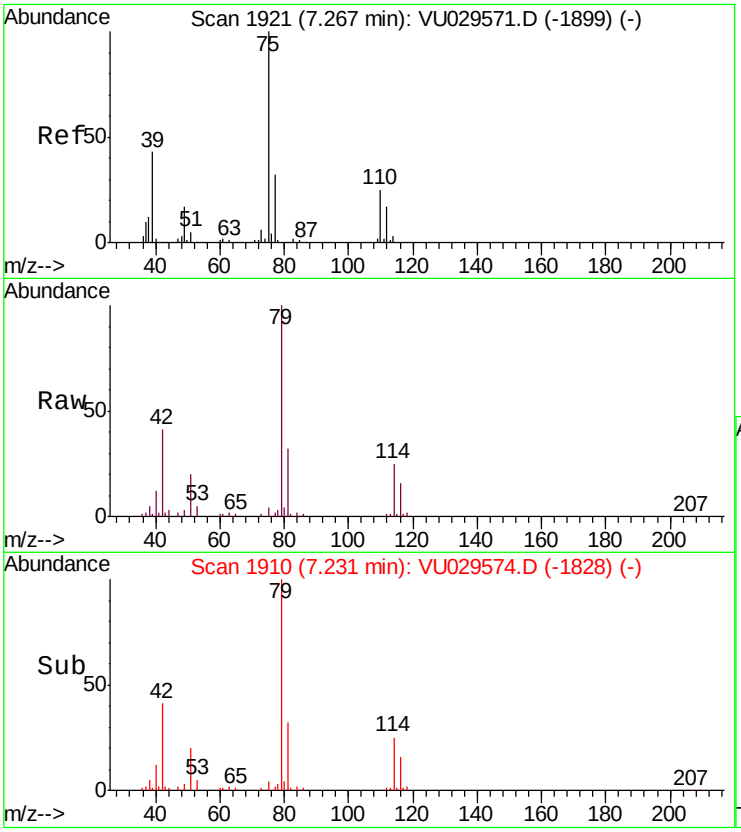


#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Tgt Ion: 63 Resp: 9655

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



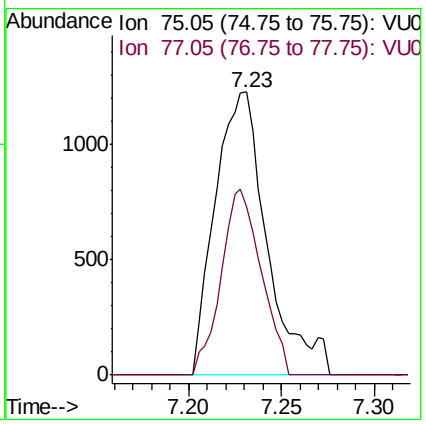


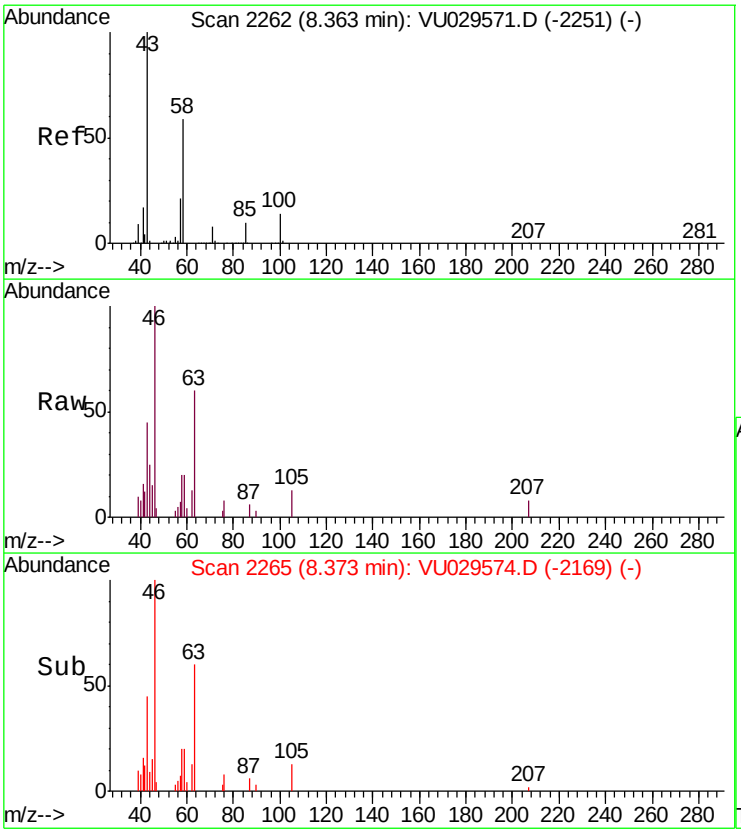
#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.04 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Instrument :
MSVOA_U
ClientSampleId :
ESXG3DL2

Tgt Ion: 75 Resp: 2390

Ion	Ratio	Lower	Upper
75	100		
77	59.4	22.3	41.3#

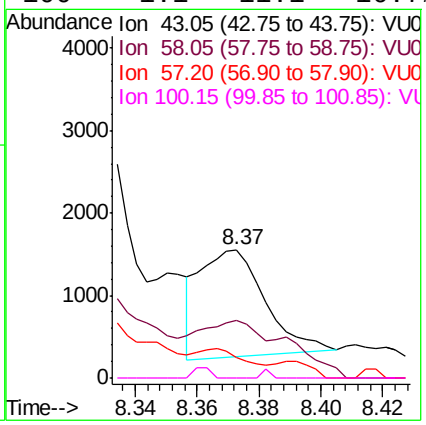


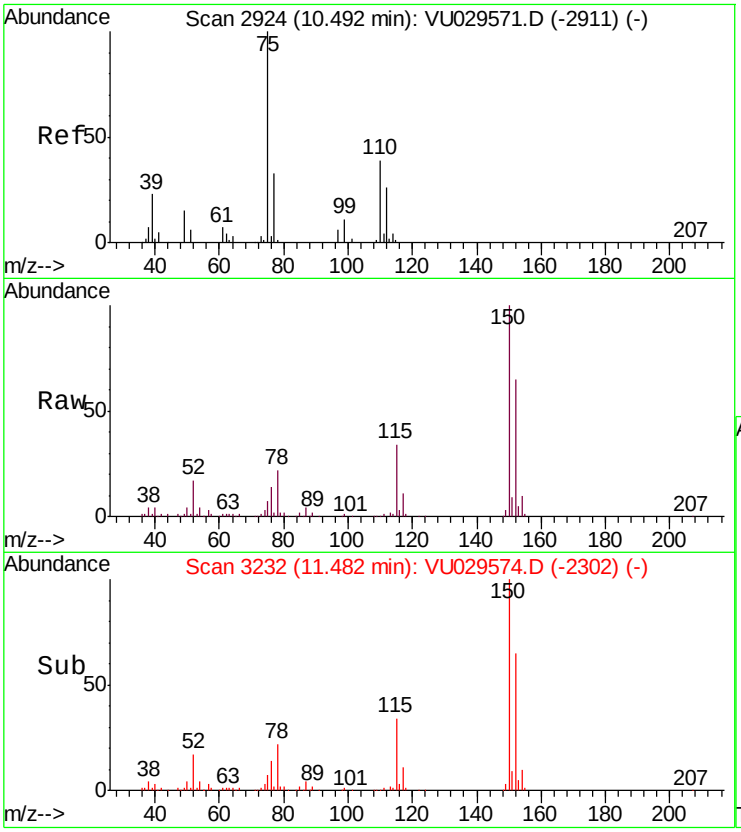


#48
2-Hexanone
Concen: 0.310 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Tgt Ion: 43 Resp: 1893

Ion	Ratio	Lower	Upper
43	100		
58	76.6	45.7	68.5#
57	8.7	16.4	24.6#
100	1.1	11.1	16.7#



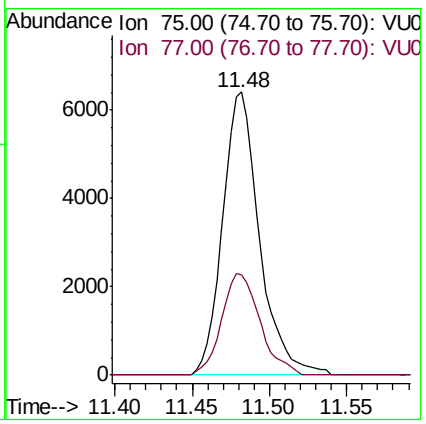


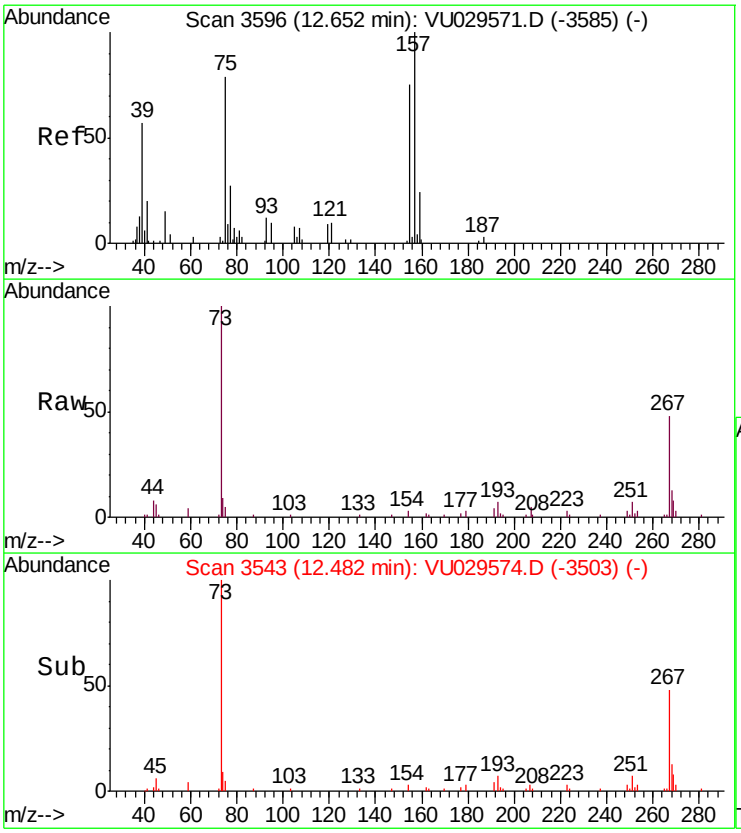
#59
1,2,3-Trichloropropane
Concen: 1.132 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Instrument :
MSVOA_U
ClientSampleId :
ESXG3DL2

Tgt Ion: 75 Resp: 10554

Ion	Ratio	Lower	Upper
75	100		
77	37.6	28.2	42.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.519 ug/L
RT: 12.48 min Scan# 3543
Delta R.T. -0.17 min
Lab File: VU029574.D
Acq: 20 Feb 2019 12:40

Tgt Ion: 75 Resp: 1124

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