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

Quantitation Report (Not Reviewed)

Data File : VU029514.D
Acq On : 15 Feb 2019 22:29
Operator : JC/SP
Sample : K1489-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXG1

Quant Time: Feb 16 00:19:23 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	186391	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	180335	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96445	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	56551	4.52	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.40%				
7) Chloroethane-d5	1.68	69	53474	4.83	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%				
11) 1,1-Dichloroethene-d2	2.27	63	94704	3.48	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%				
20) 2-Butanone-d5	4.20	46	129968	49.92	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.84%				
24) Chloroform-d	4.65	84	89256	4.48	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%				
26) 1,2-Dichloroethane-d4	5.31	65	52918	4.99	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%				
32) Benzene-d6	5.34	84	214207	4.94	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%				
36) 1,2-Dichloropropane-d6	6.33	67	64056	5.00	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%				
41) Toluene-d8	7.56	98	213514	4.99	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%				
43) trans-1,3-Dichloropropene-	7.85	79	25517	4.46	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%				
46) 2-Hexanone-d5	8.31	63	137447	52.16	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.32%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54566	4.90	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%				
64) 1,2-Dichlorobenzene-d4	11.86	152	93907	5.28	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.60%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1504	0.098	ug/L		99
5) Vinyl chloride	1.40	62	27707	1.544	ug/L	#	54
8) Chloroethane	1.59	64	33626	2.877	ug/L	#	54
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1041	0.064	ug/L	#	18
12) 1,1-Dichloroethene	2.27	96	1115	0.073	ug/L	#	1
13) Acetone	2.33	43	3445	1.456	ug/L		94
15) Methyl Acetate	2.47	43	9540	1.574	ug/L	#	47
22) cis-1,2-Dichloroethene	4.22	96	3778	0.251	ug/L		94
25) Chloroform	4.67	83	12009	0.487	ug/L		92
35) Methylcyclohexane	6.33	83	16198	0.645	ug/L	#	21
37) 1,2-Dichloropropane	6.33	63	7108	0.535	ug/L	#	87
39) cis-1,3-Dichloropropene	7.23	75	1792	0.086	ug/L	#	81
40) 4-Methyl-2-pentanone	7.40	43	3463	0.452	ug/L	#	41
53) m,p-xylene	9.38	106	1650	0.061	ug/L		89
59) 1,2,3-Trichloropropane	11.48	75	9427	1.105	ug/L		98

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

Quantitation Report (Not Reviewed)

Data File : VU029514.D
Acq On : 15 Feb 2019 22:29
Operator : JC/SP
Sample : K1489-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXG1

Quant Time: Feb 16 00:19:23 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

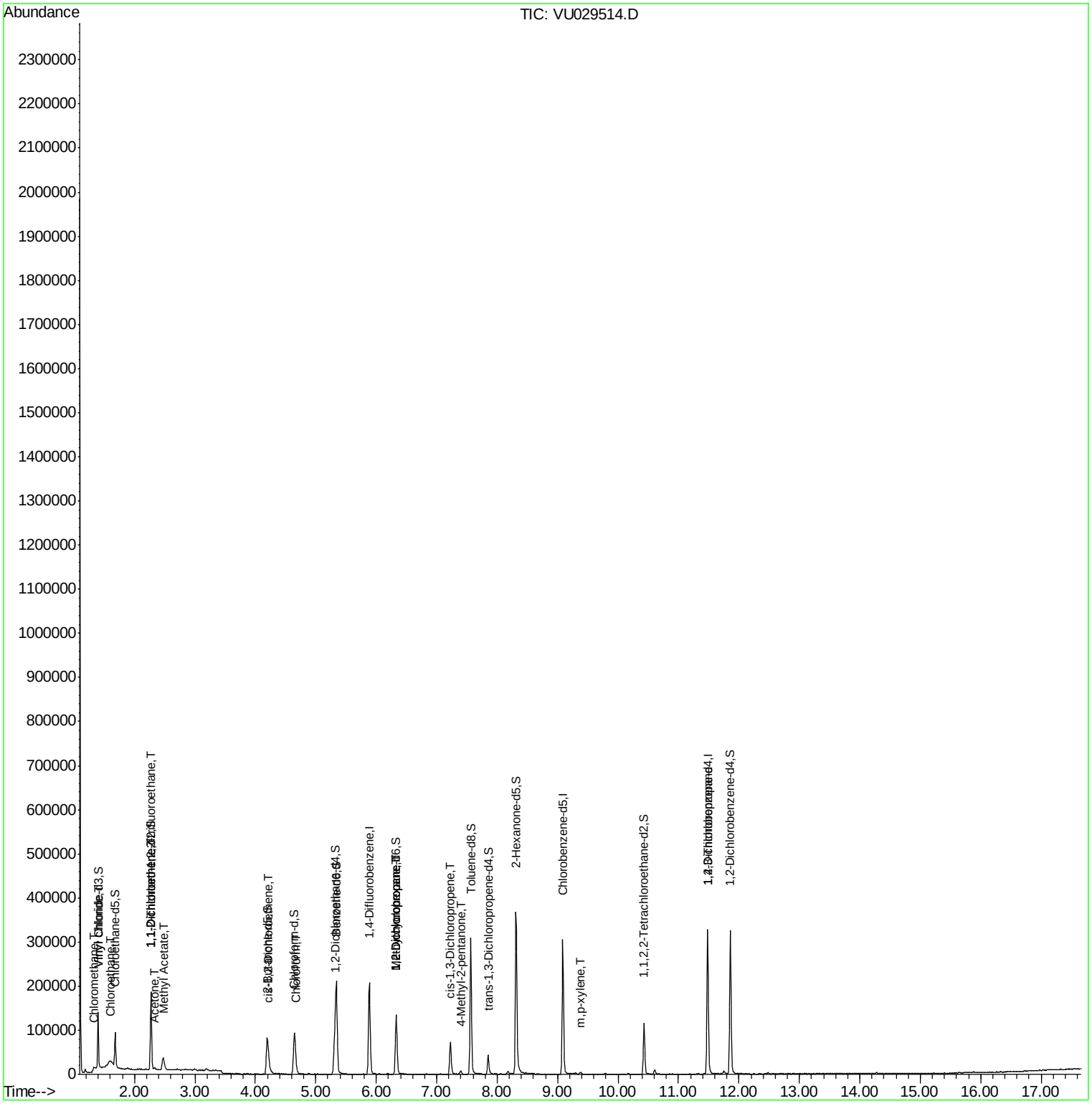
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

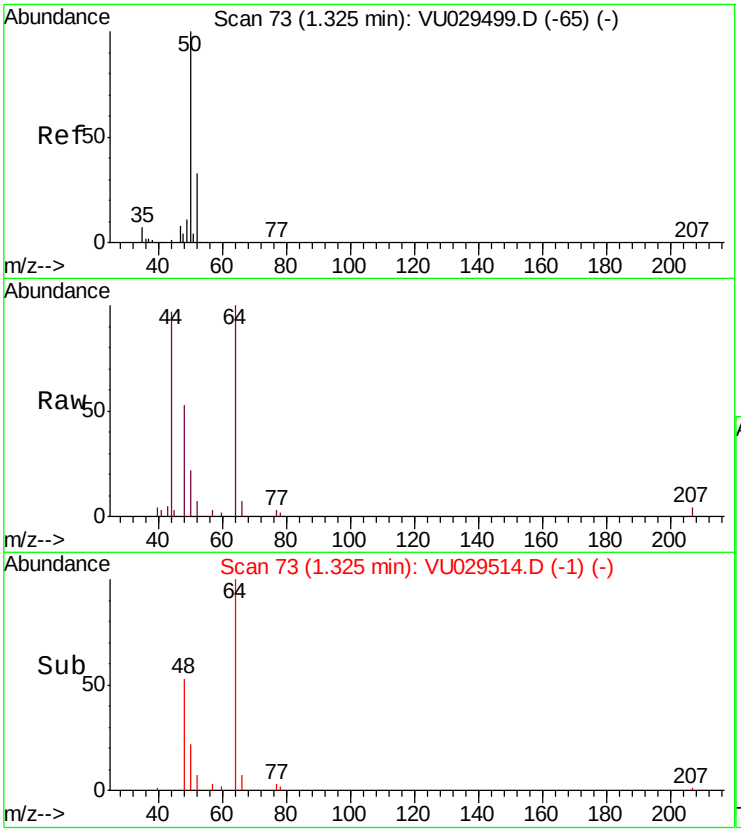
Quantitation Report (Not Reviewed)

Data File : VU029514.D
Acq On : 15 Feb 2019 22:29
Operator : JC/SP
Sample : K1489-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXG1

Quant Time: Feb 16 00:19:23 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



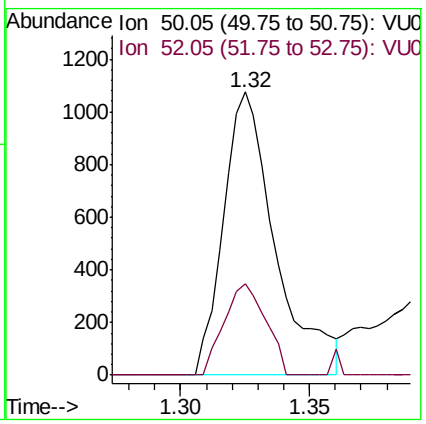


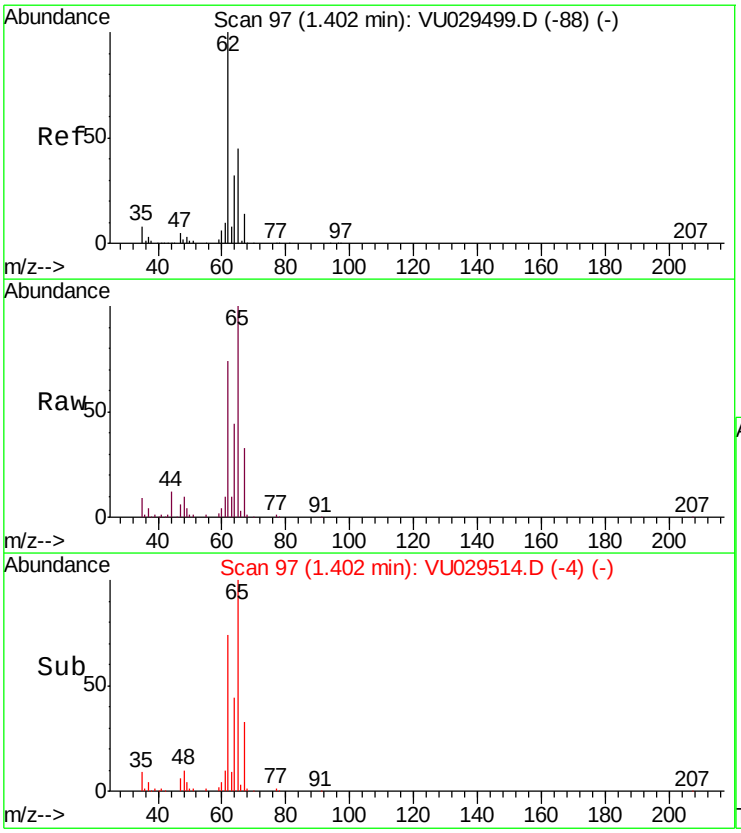
#3
Chloromethane
Concen: 0.098 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Instrument :
MSVOA_U
ClientSampleId :
ESXG1

Tgt Ion: 50 Resp: 1504

Ion	Ratio	Lower	Upper
50	100		
52	32.4	23.1	42.9

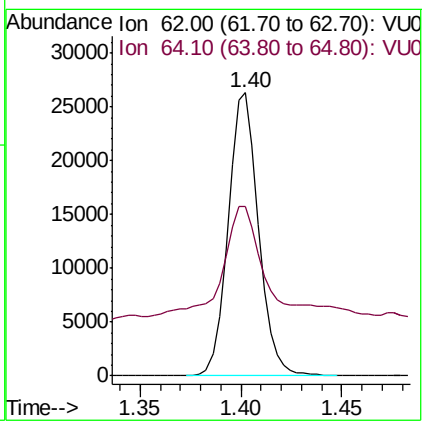


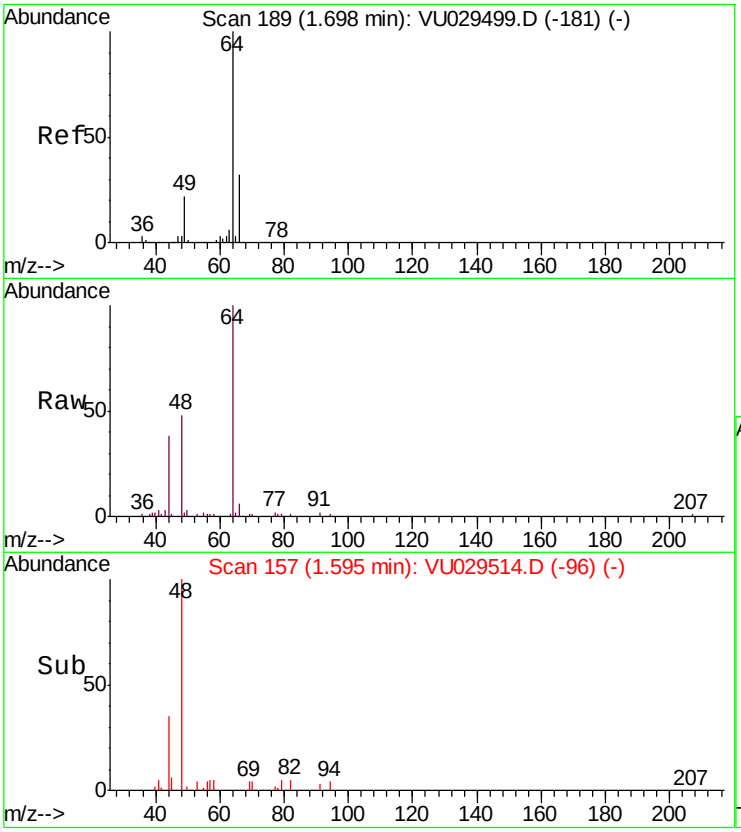


#5
Vinyl chloride
Concen: 1.544 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Tgt Ion: 62 Resp: 27707

Ion	Ratio	Lower	Upper
62	100		
64	59.8	23.5	43.7#



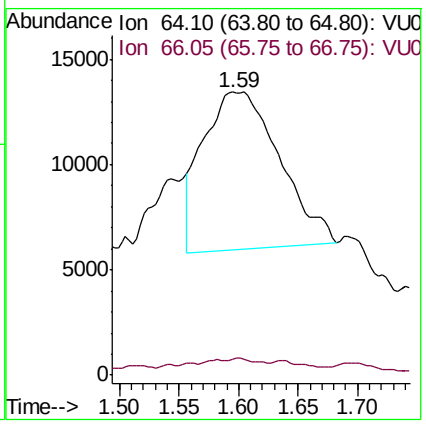


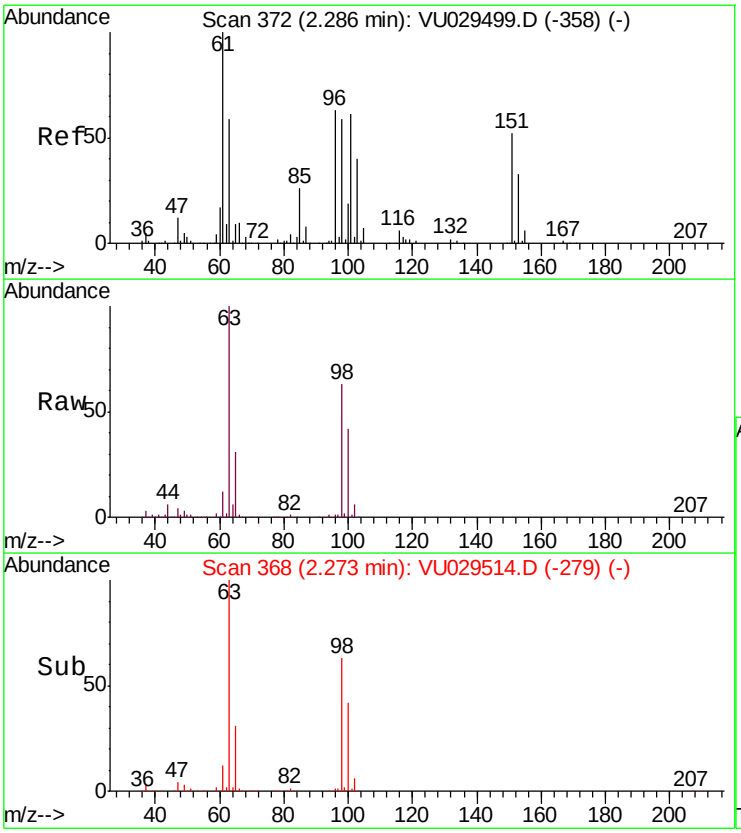
#8
Chloroethane
Concen: 2.877 ug/L
RT: 1.59 min Scan# 157
Delta R.T. -0.10 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Instrument :
MSVOA_U
ClientSampleId :
ESXG1

Tgt Ion: 64 Resp: 33626

Ion	Ratio	Lower	Upper
64	100		
66	5.7	22.0	40.8#

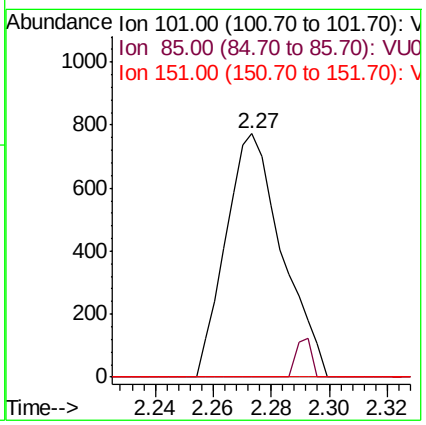


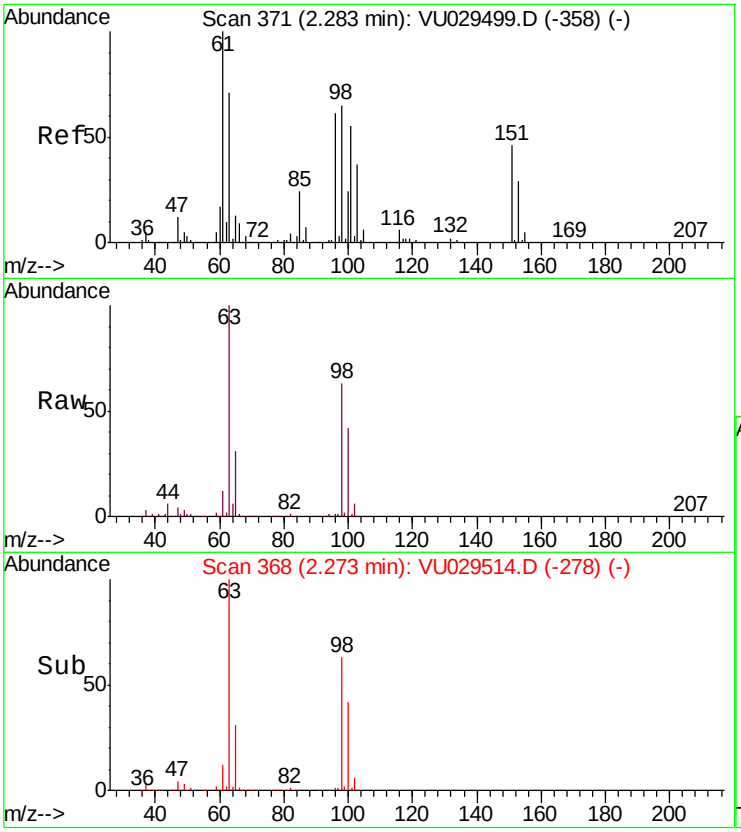


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Tgt Ion:101 Resp: 1041

Ion	Ratio	Lower	Upper
101	100		
85	4.3	35.1	52.7#
151	0.0	67.0	100.6#



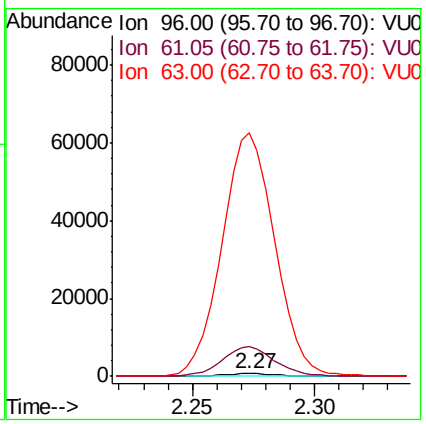


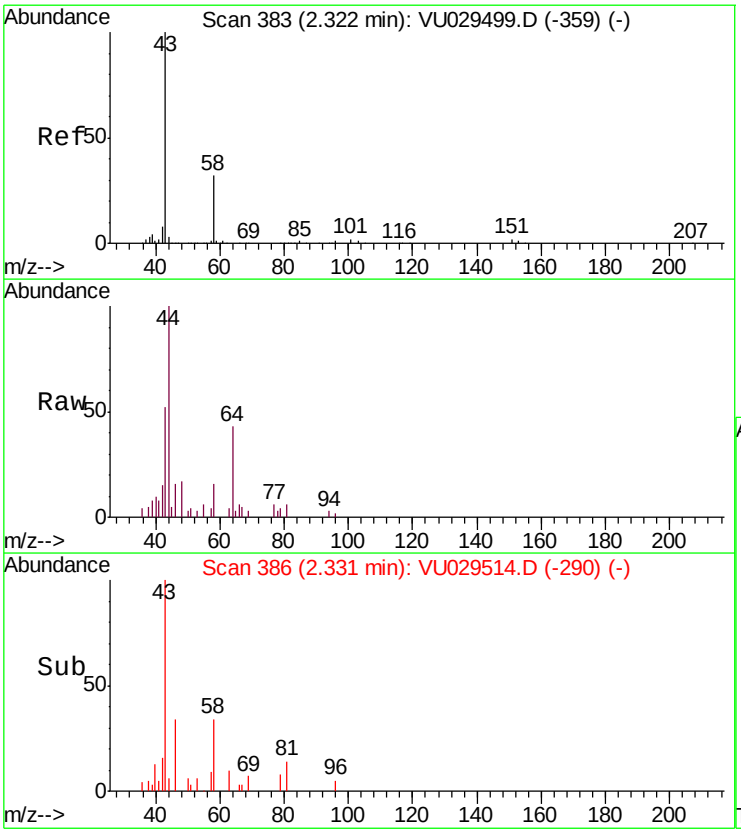
#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Instrument : MSVOA_U
ClientSampleId : ESXG1

Tgt Ion: 96 Resp: 1115

Ion	Ratio	Lower	Upper
96	100		
61	1082.2	115.1	213.7#
63	8922.1	83.5	155.1#

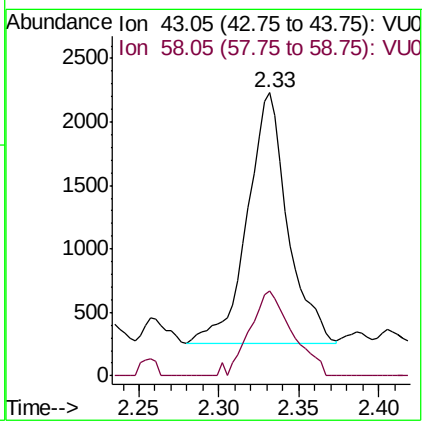


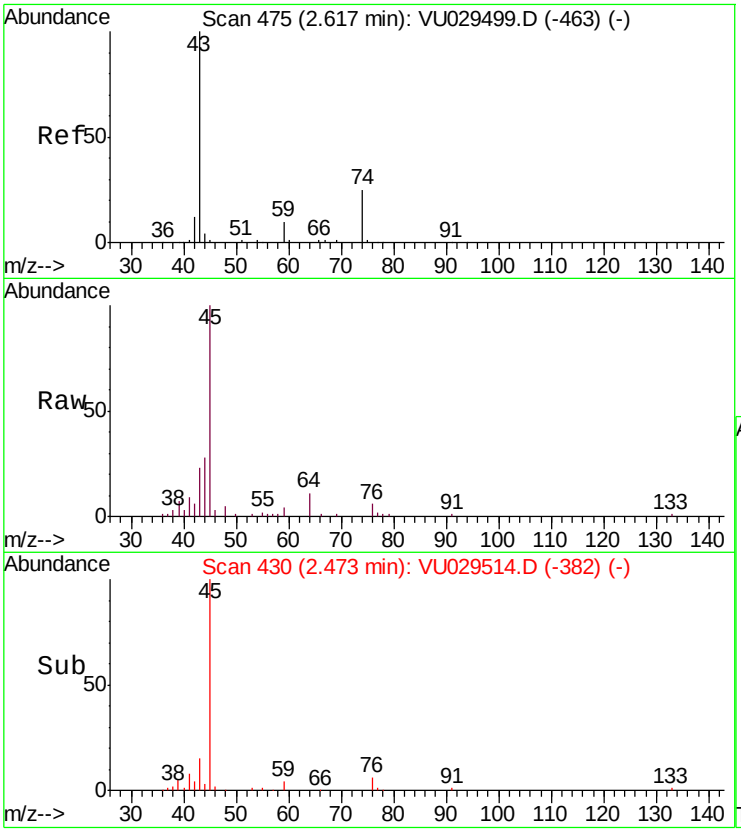


#13
Acetone
Concen: 1.456 ug/L
RT: 2.33 min Scan# 386
Delta R.T. 0.01 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Tgt Ion: 43 Resp: 3445

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	65.0



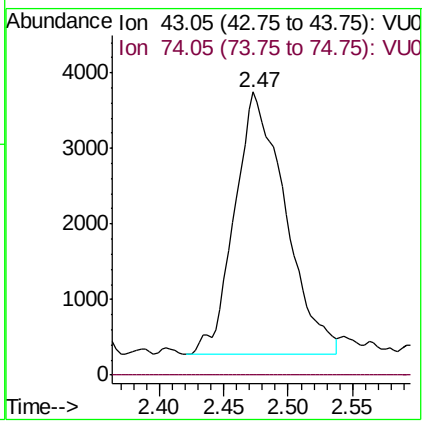


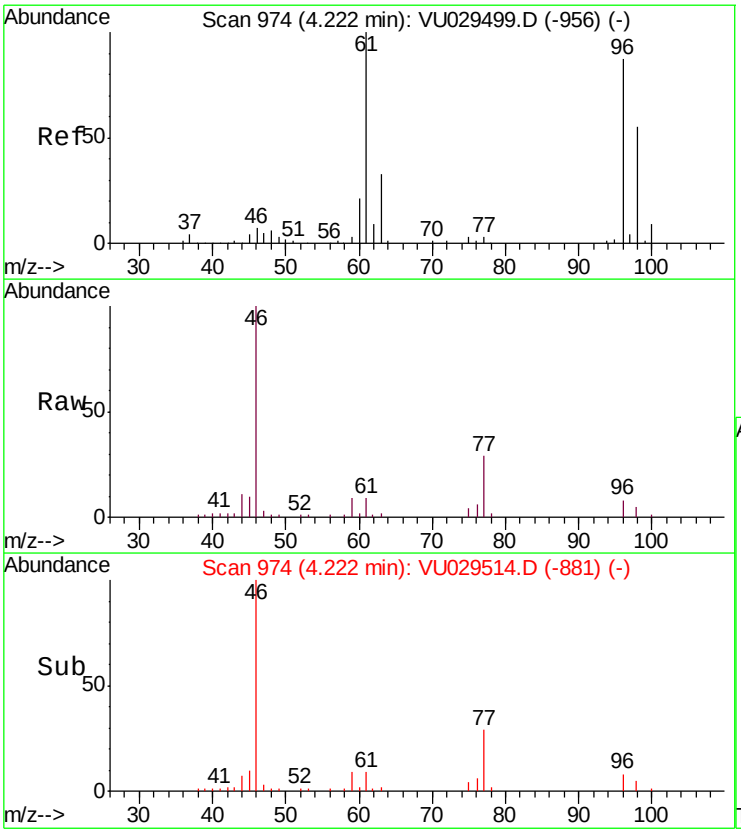
#15
Methyl Acetate
Concen: 1.574 ug/L
RT: 2.47 min Scan# 430
Delta R.T. -0.14 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Instrument :
MSVOA_U
ClientSampleId :
ESXG1

Tgt Ion: 43 Resp: 9540

Ion	Ratio	Lower	Upper
43	100		
74	0.0	22.3	33.5#

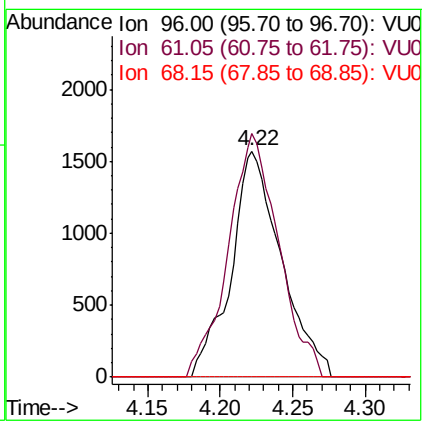


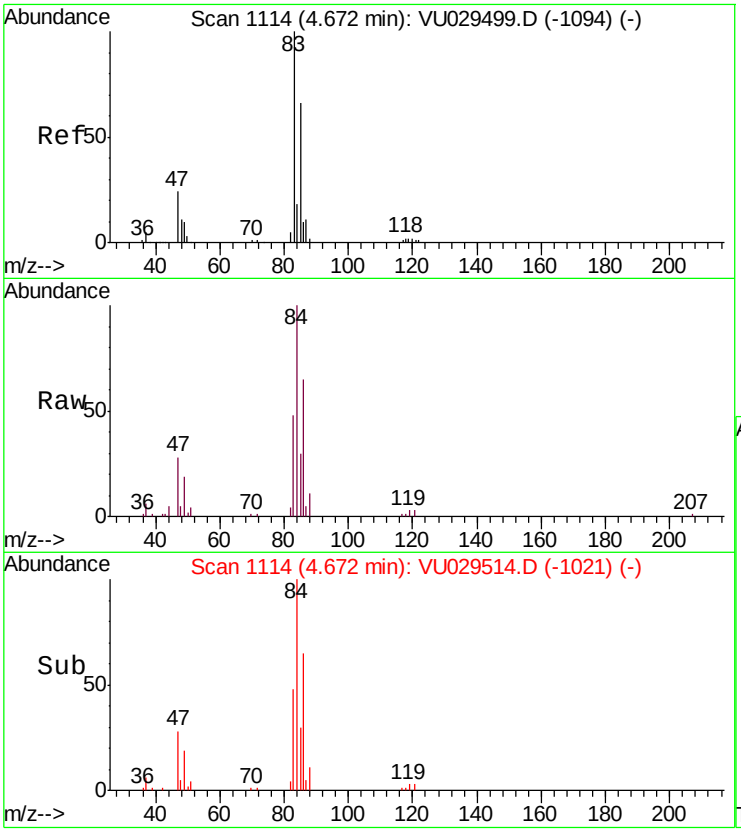


#22
cis-1,2-Dichloroethene
Concen: 0.251 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Tgt Ion: 96 Resp: 3778

Ion	Ratio	Lower	Upper
96	100		
61	107.9	79.9	148.5
68	0.0	0.0	0.0



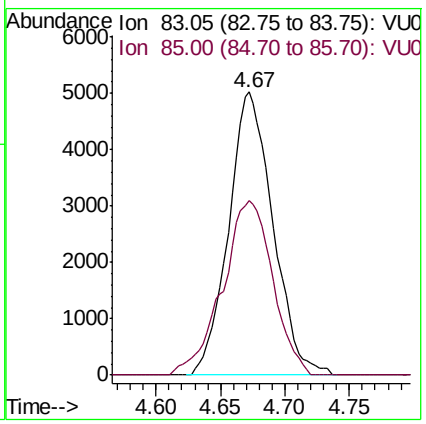


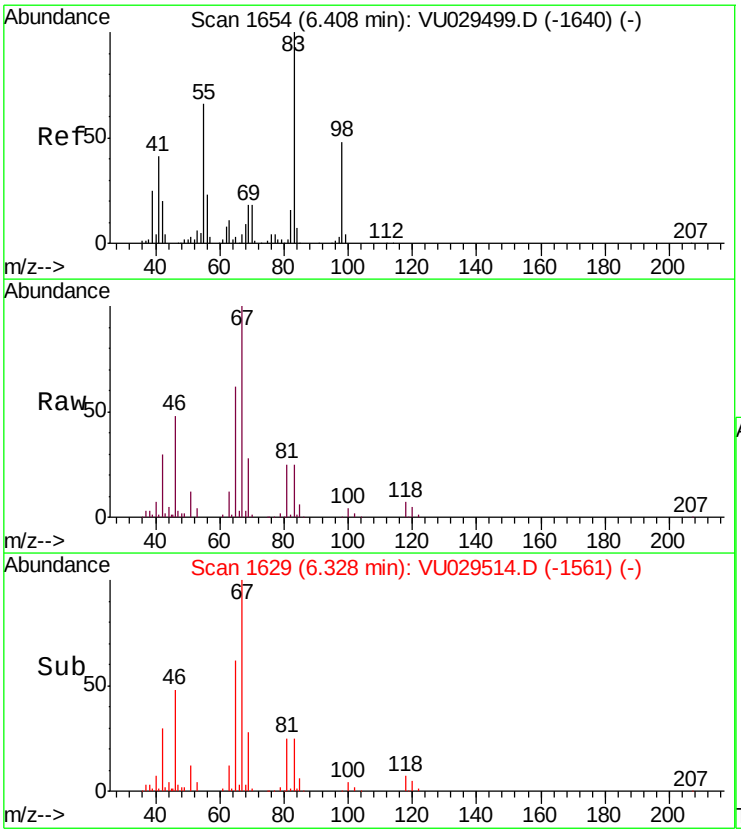
#25
Chloroform
Concen: 0.487 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Instrument :
MSVOA_U
ClientSampleId :
ESXG1

Tgt Ion: 83 Resp: 12009

Ion	Ratio	Lower	Upper
83	100		
85	61.5	47.8	88.8

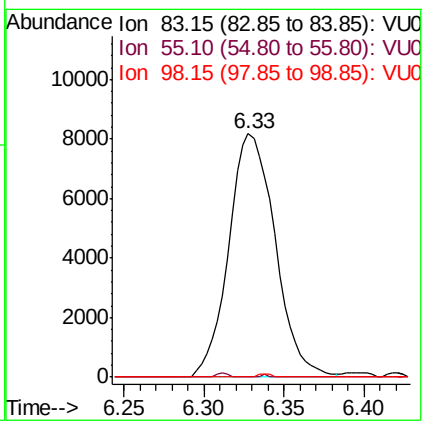


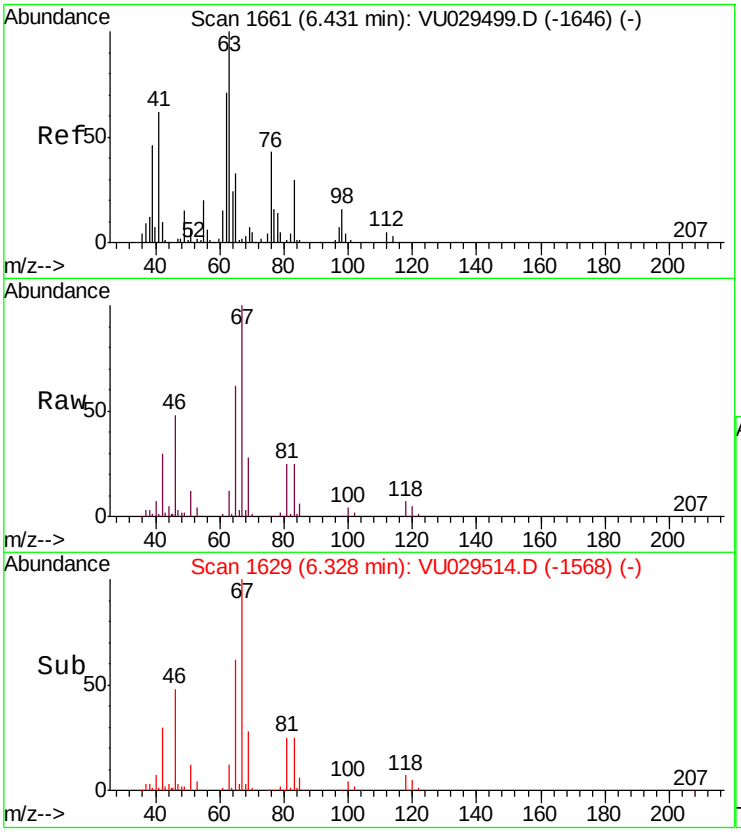


#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Tgt Ion: 83 Resp: 16198

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



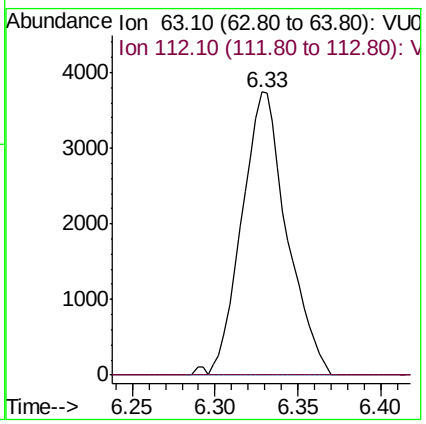


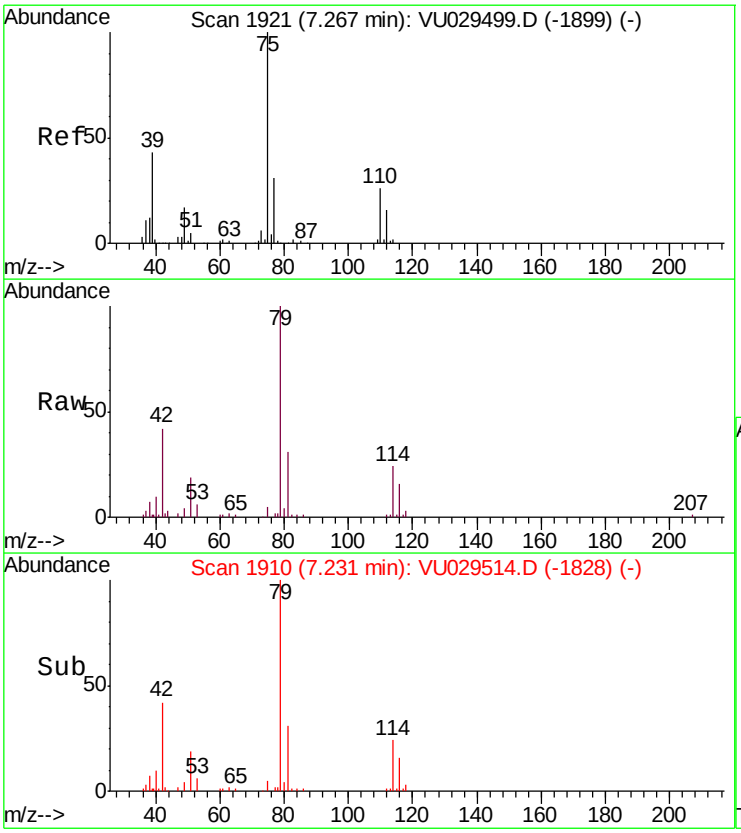
#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Instrument :
MSVOA_U
ClientSampleId :
ESXG1

Tgt Ion: 63 Resp: 7108

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

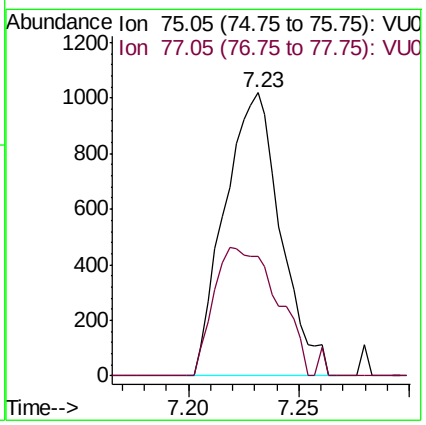


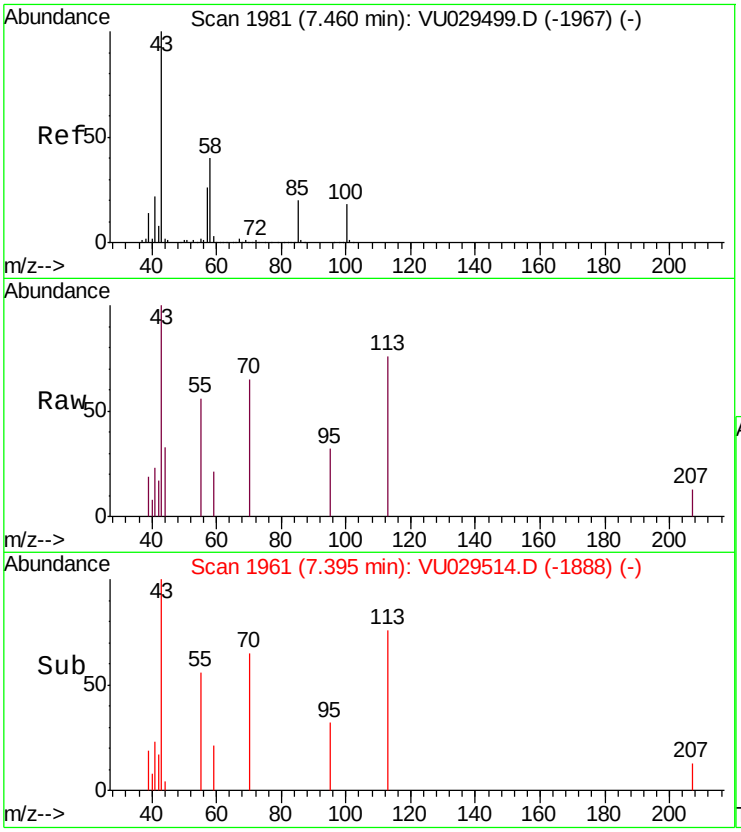


#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.04 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Tgt Ion: 75 Resp: 1792

Ion	Ratio	Lower	Upper
75	100		
77	42.4	22.3	41.3#



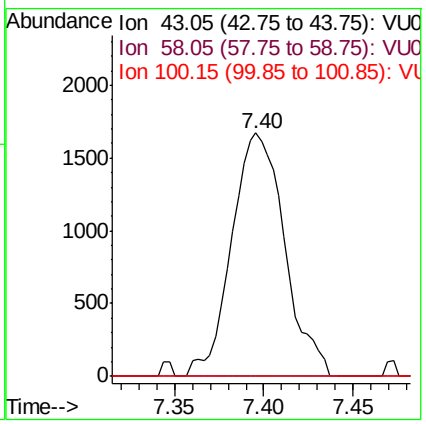


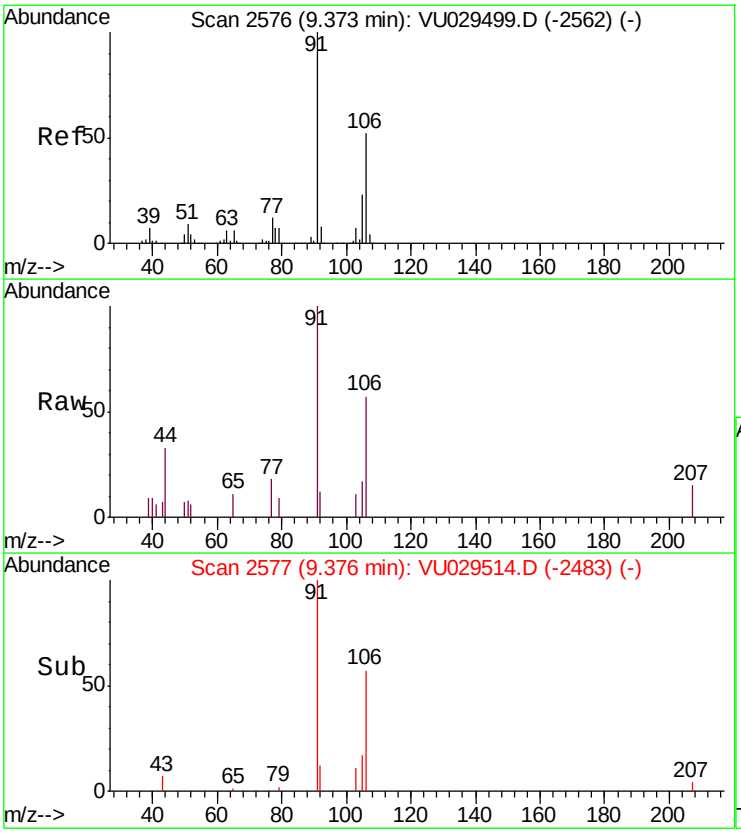
#40
4-Methyl-2-pentanone
Concen: 0.452 ug/L
RT: 7.40 min Scan# 1961
Delta R.T. -0.06 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Instrument : MSVOA_U
ClientSampleId : ESXG1

Tgt Ion: 43 Resp: 3463

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.4	50.2#
100	0.0	14.4	21.6#

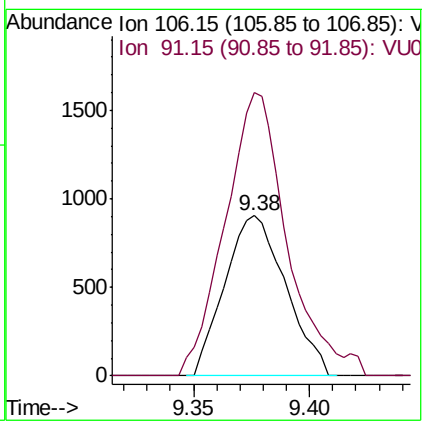


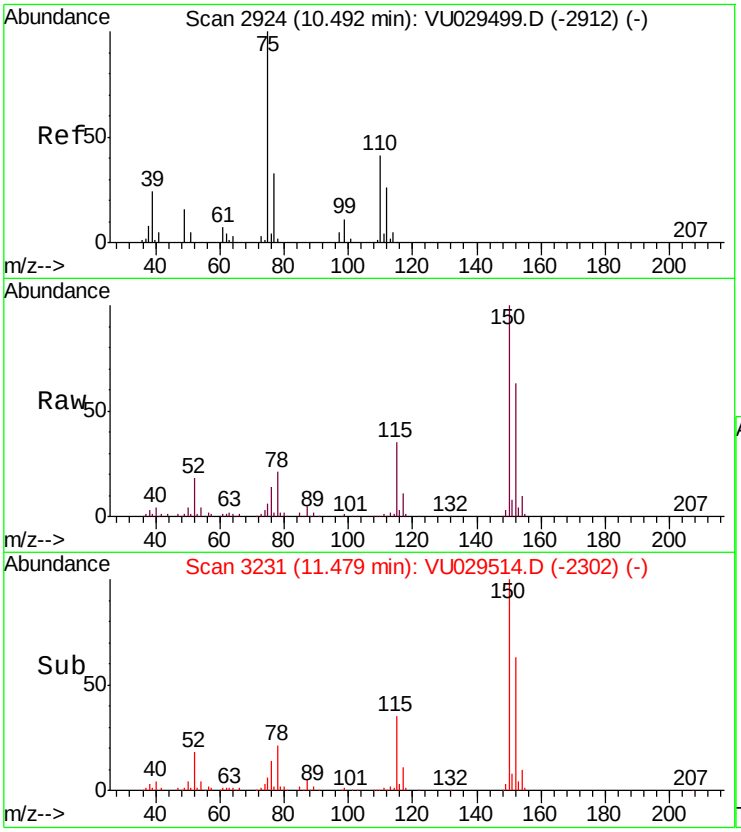


#53
m,p-xylene
Concen: 0.061 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Tgt Ion:106 Resp: 1650

Ion	Ratio	Lower	Upper
106	100		
91	176.8	135.7	251.9





#59
1,2,3-Trichloropropane
Concen: 1.105 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029514.D
Acq: 15 Feb 2019 22:29

Instrument :
MSVOA_U
ClientSampleId :
ESXG1

Tgt Ion: 75 Resp: 9427

Ion	Ratio	Lower	Upper
75	100		
77	36.4	28.2	42.2