Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\

Quantitation Report (Not Reviewed)

Data File : VU029427.D
Acq On : 12 Feb 2019 18:07
Operator : JC/SP
Sample : K1436-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXA8

Quant Time: Feb 13 03:30:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	198998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188020	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98846	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	71311	5.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.60%			
7) Chloroethane-d5	1.68	69	61309	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.80%			
11) 1,1-Dichloroethene-d2	2.27	63	116015	3.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.80%			
20) 2-Butanone-d5	4.19	46	143287	51.54	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.08%			
24) Chloroform-d	4.65	84	111712	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.31	65	60297	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
32) Benzene-d6	5.34	84	250856	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.00%			
36) 1,2-Dichloropropane-d6	6.33	67	73256	5.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.60%			
41) Toluene-d8	7.56	98	238204	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
43) trans-1,3-Dichloropropene-	7.85	79	28336	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.31	63	146232	53.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.44%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60595	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	103439	5.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.40%			
Target Compounds						Qvalue
8) Chloroethane	1.63	64	2272	0.182	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1151	0.067	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1292	0.079	ug/L #	1
13) Acetone	2.32	43	5162	2.044	ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	4145	0.258	ug/L	92
25) Chloroform	4.68	83	7720	0.293	ug/L	94
35) Methylcyclohexane	6.33	83	17639	0.674	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7593	0.548	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2019	0.093	ug/L #	81
42) Toluene	7.64	91	2219	0.036	ug/L	87
48) 2-Hexanone	8.37	43	4022	0.691	ug/L #	68
53) m,p-xylene	9.37	106	1759	0.063	ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	10086	1.134	ug/L	89

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

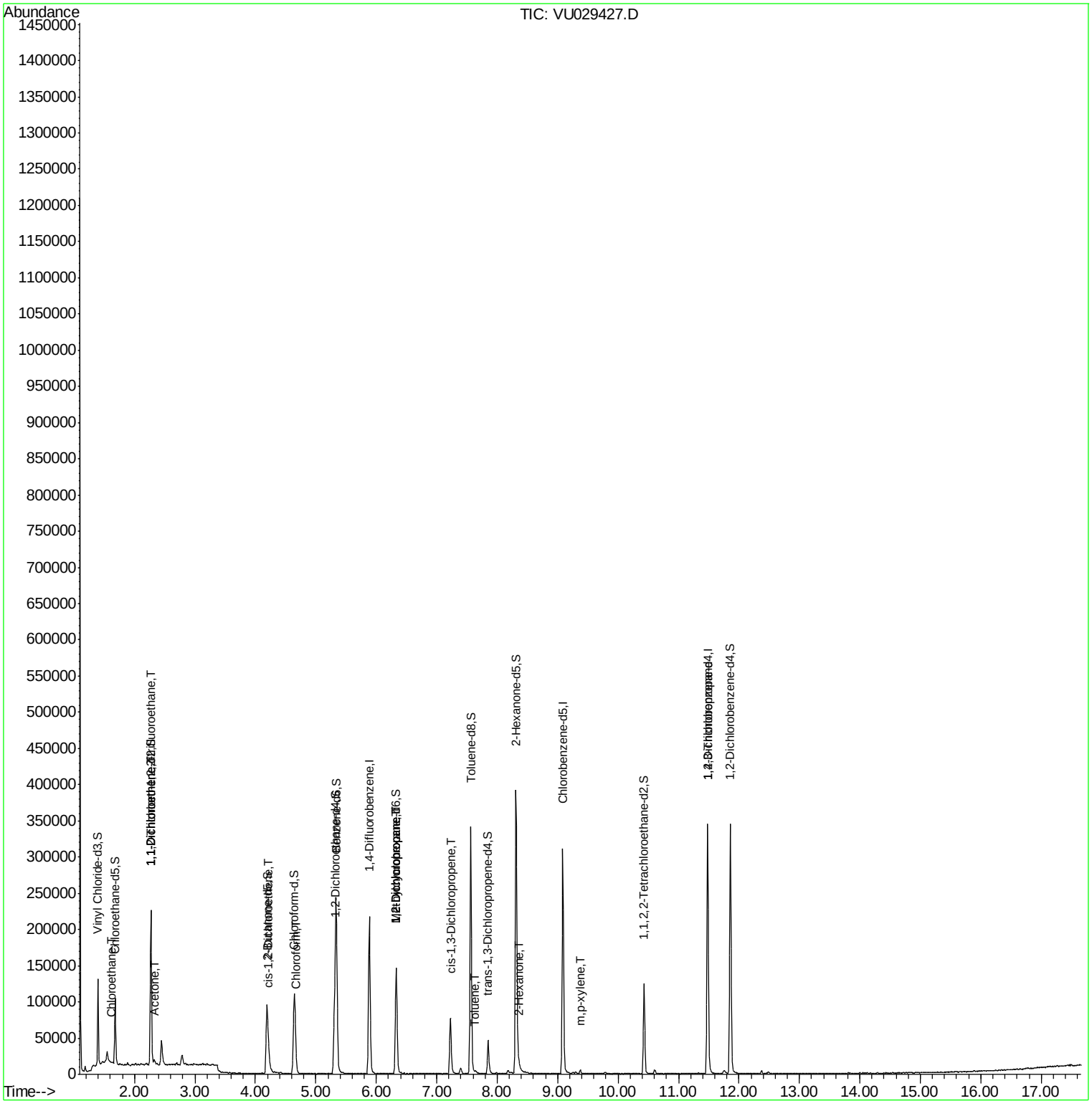
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\

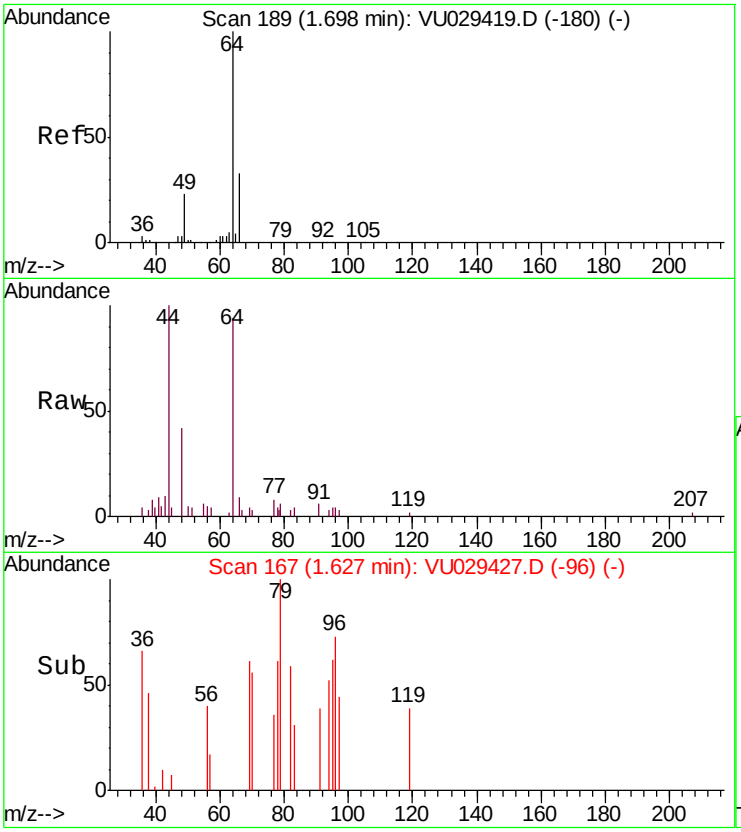
Quantitation Report (Not Reviewed)

Data File : VU029427.D
Acq On : 12 Feb 2019 18:07
Operator : JC/SP
Sample : K1436-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXA8

Quant Time: Feb 13 03:30:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration



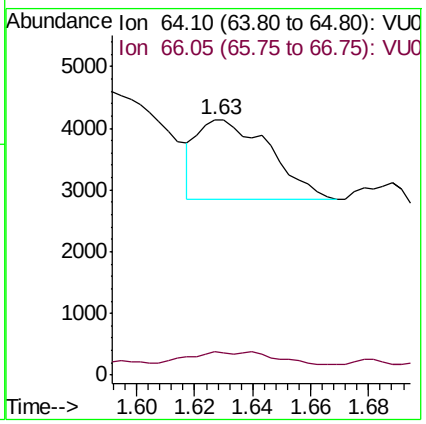


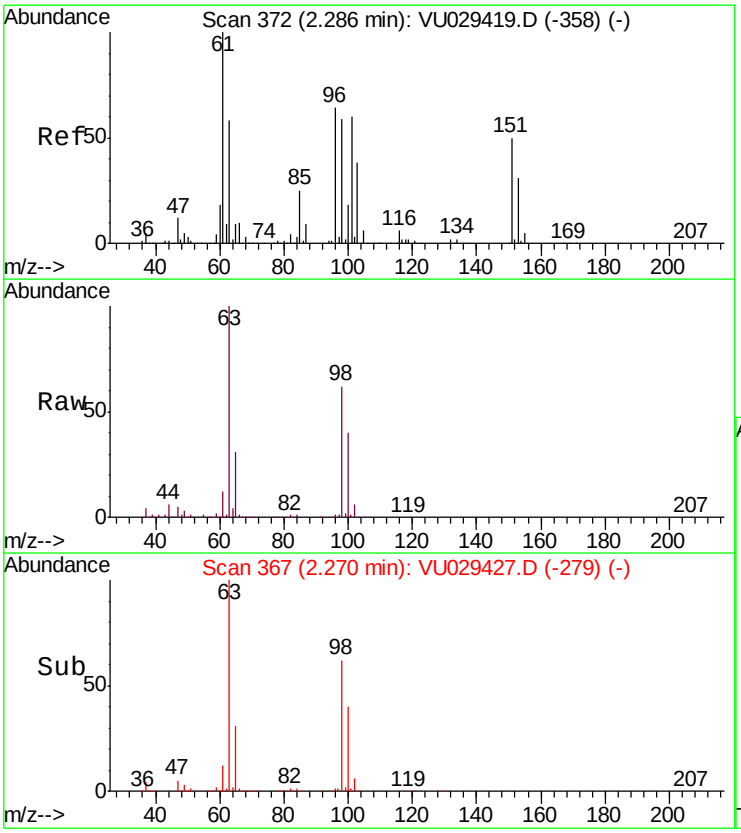
#8
Chloroethane
Concen: 0.182 ug/L
RT: 1.63 min Scan# 167
Delta R.T. -0.07 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 64 Resp: 2272

Ion	Ratio	Lower	Upper
64	100		
66	9.2	22.0	40.8#

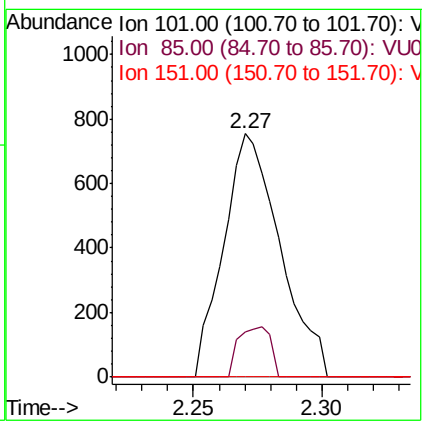


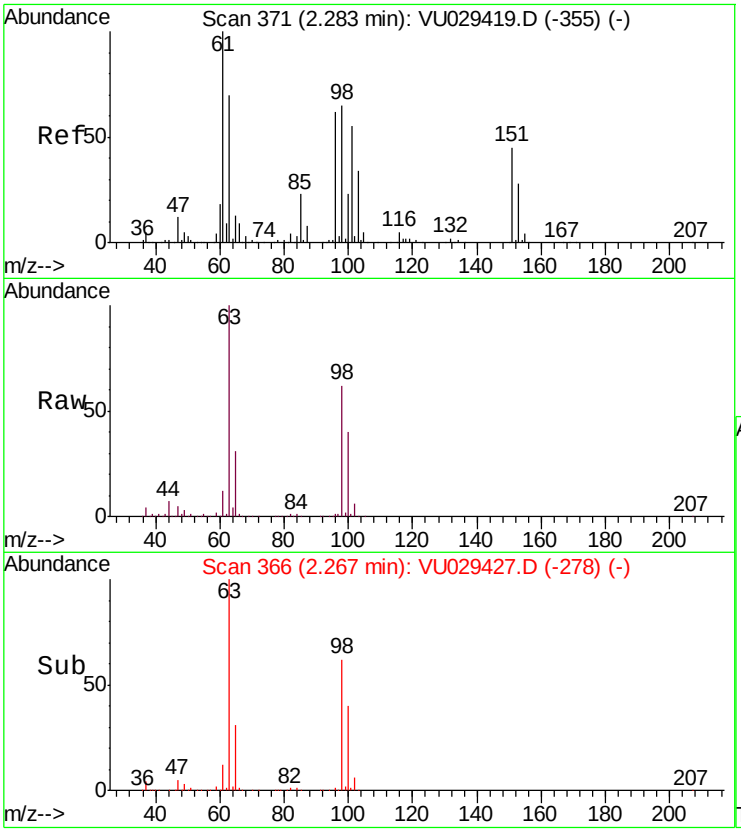


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Tgt Ion:101 Resp: 1151

Ion	Ratio	Lower	Upper
101	100		
85	11.6	35.1	52.7#
151	0.0	67.0	100.6#



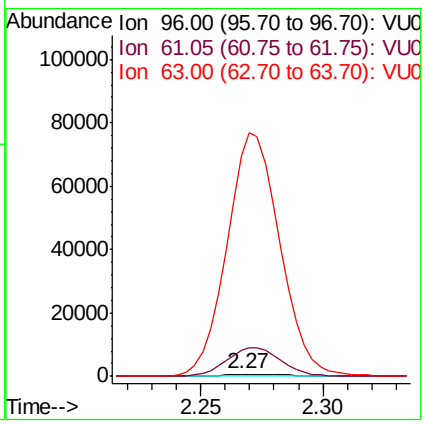


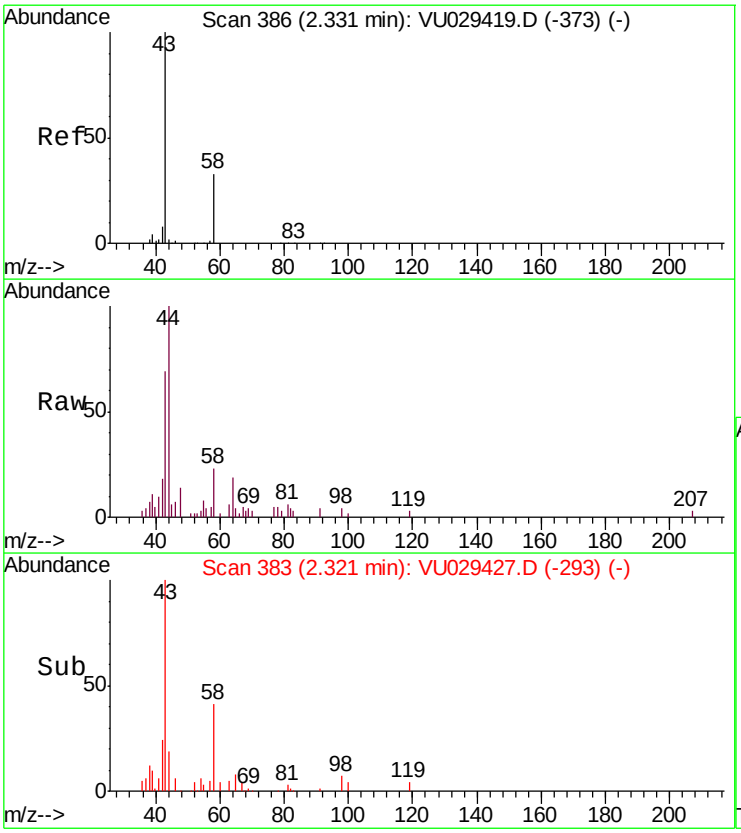
#12
1,1-Dichloroethene
Concen: 0.079 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 96 Resp: 1292

Ion	Ratio	Lower	Upper
96	100		
61	1240.2	115.1	213.7#
63	10756.7	83.5	155.1#

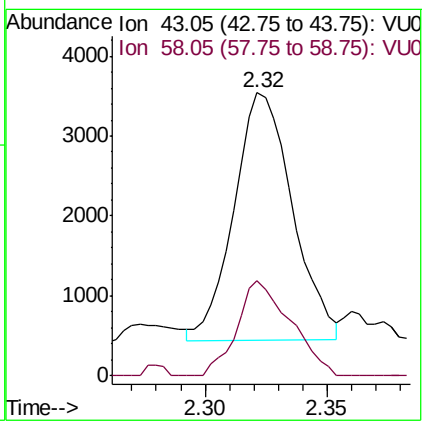


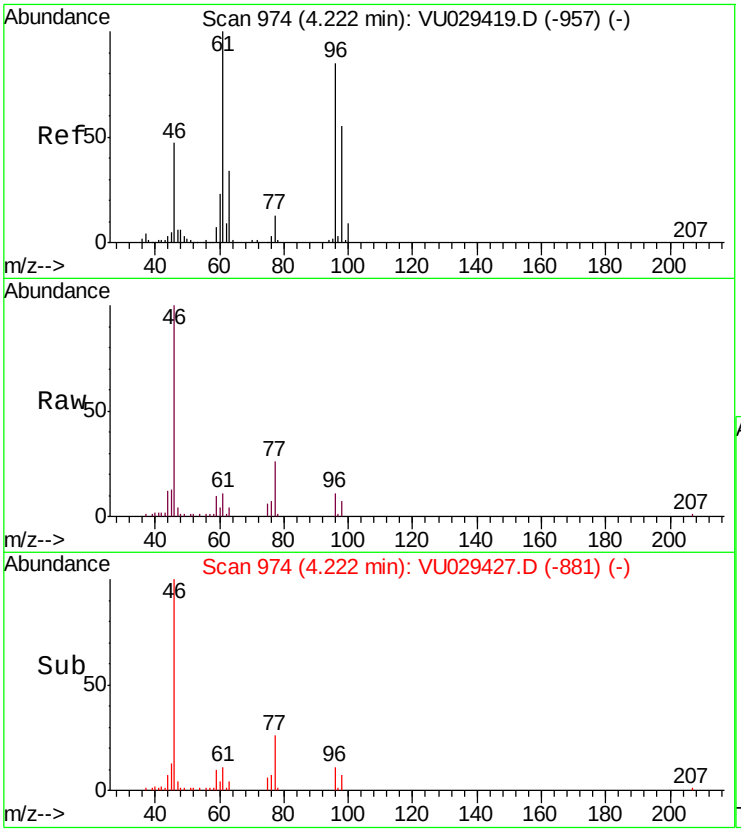


#13
Acetone
Concen: 2.044 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Tgt Ion: 43 Resp: 5162

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	65.0



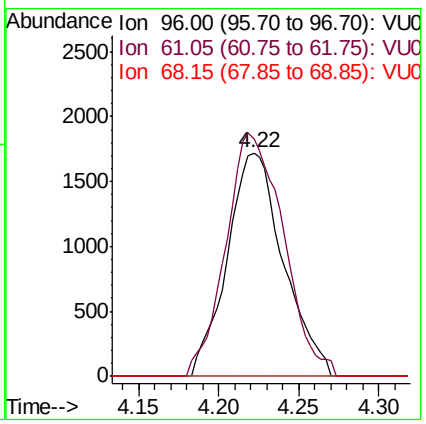


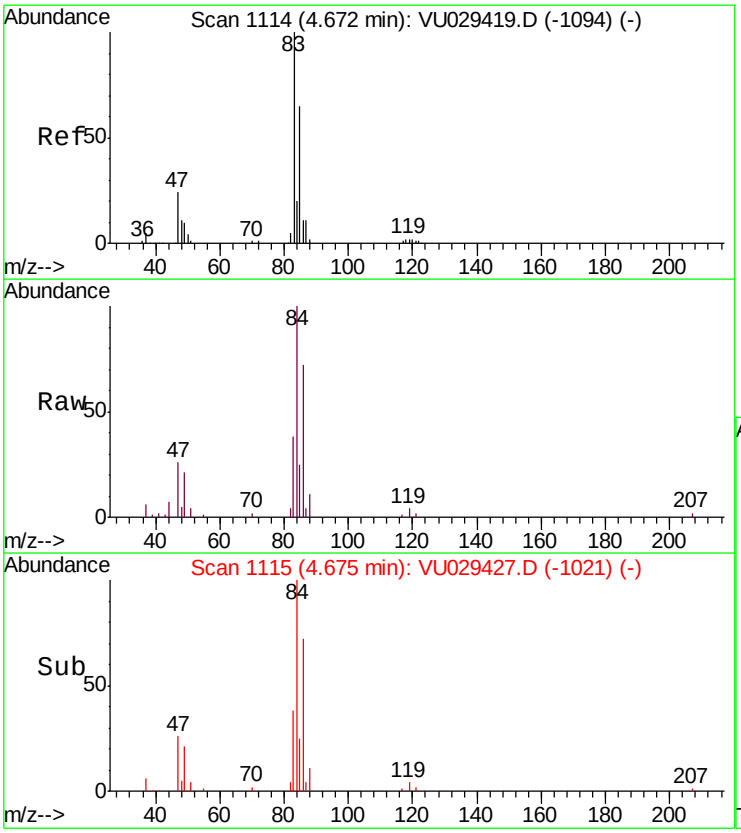
#22
cis-1,2-Dichloroethene
Concen: 0.258 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Instrument : MSVOA_U
ClientSampleId : ESXA8

Tgt Ion: 96 Resp: 4145

Ion	Ratio	Lower	Upper
96	100		
61	105.8	79.9	148.5
68	0.0	0.0	0.0

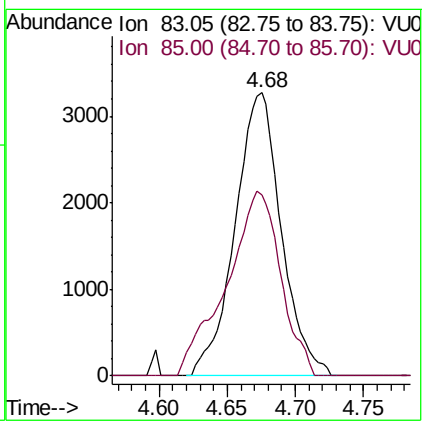


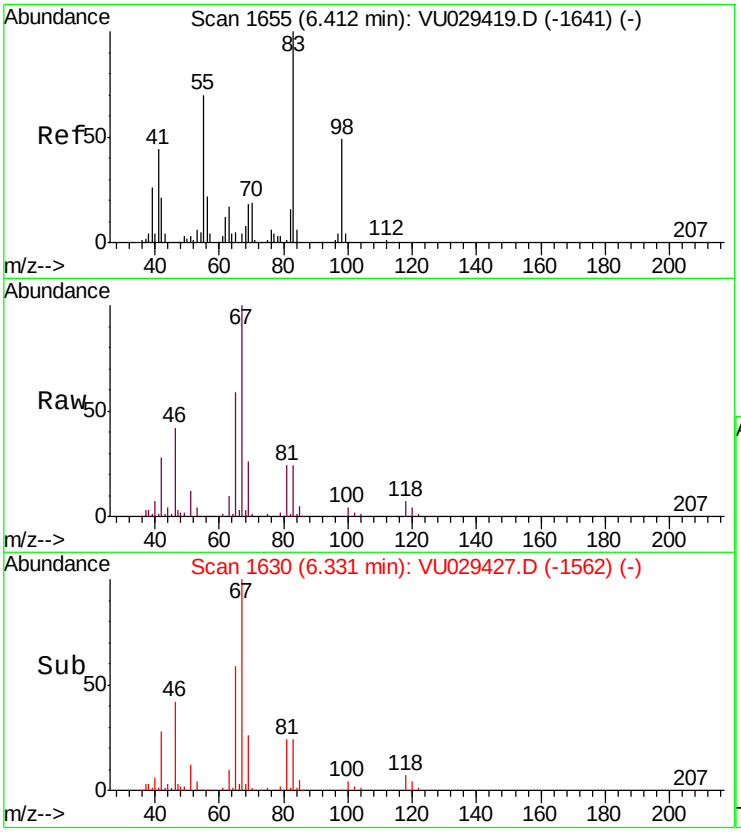


#25
Chloroform
Concen: 0.293 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Tgt Ion: 83 Resp: 7720

Ion	Ratio	Lower	Upper
83	100		
85	63.8	47.8	88.8



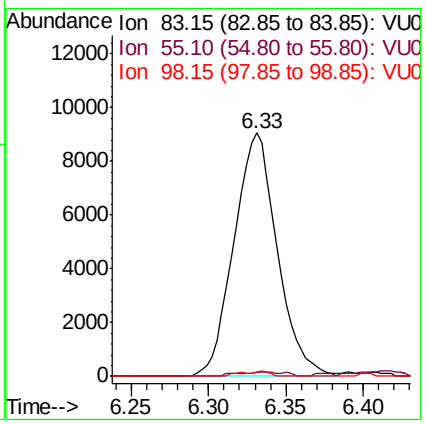


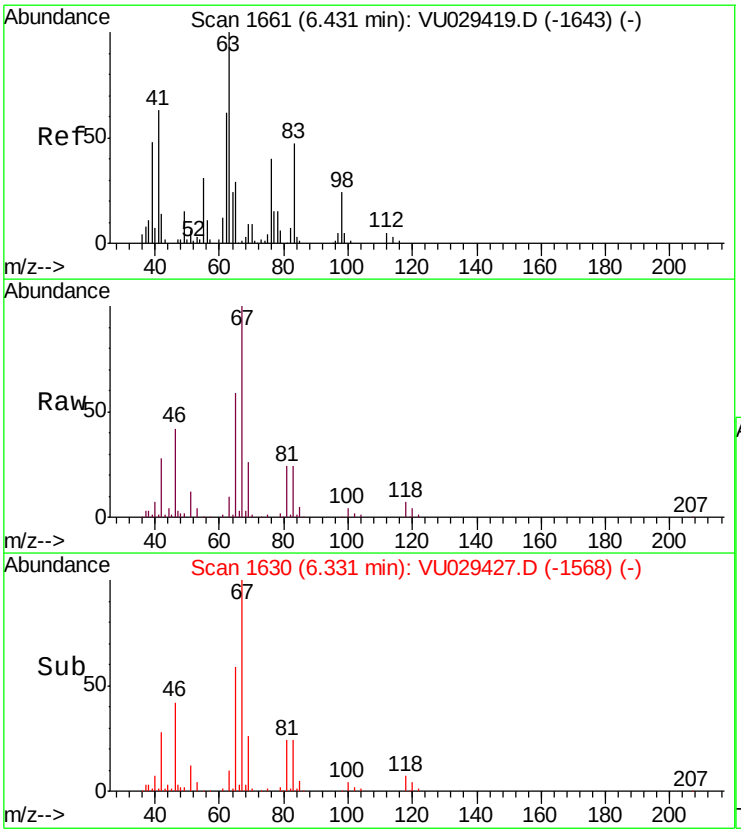
#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 83 Resp: 17639

Ion	Ratio	Lower	Upper
83	100		
55	1.3	55.9	83.9#
98	1.4	38.6	57.8#

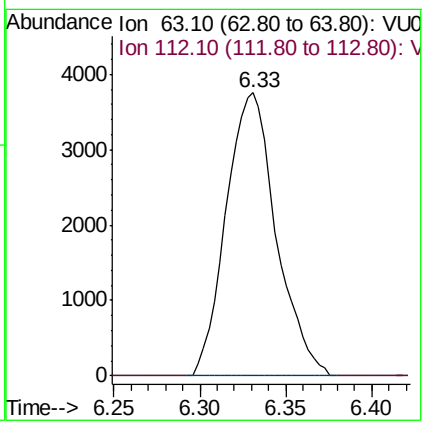


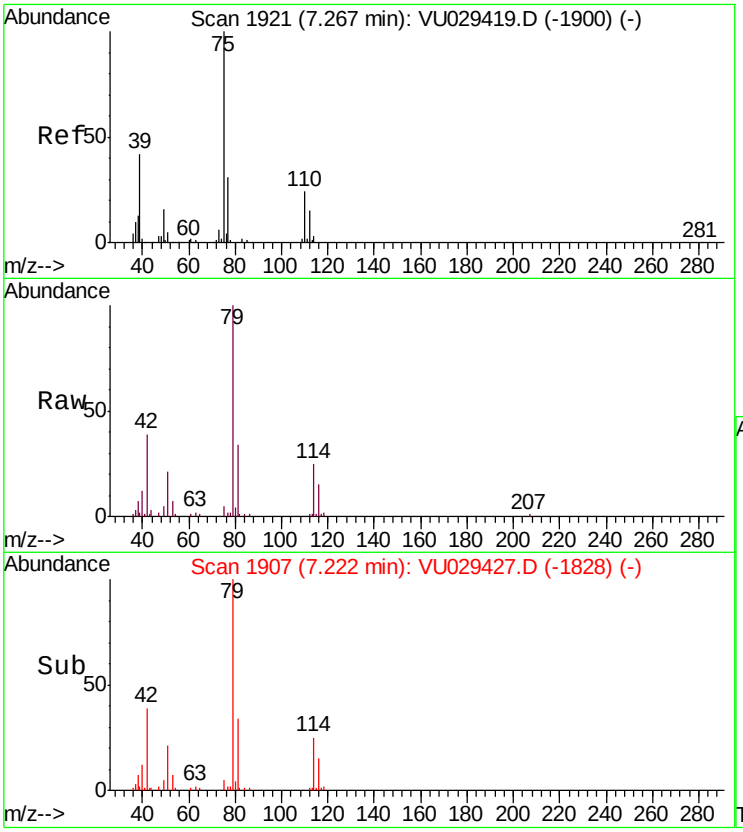


#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Tgt Ion: 63 Resp: 7593

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



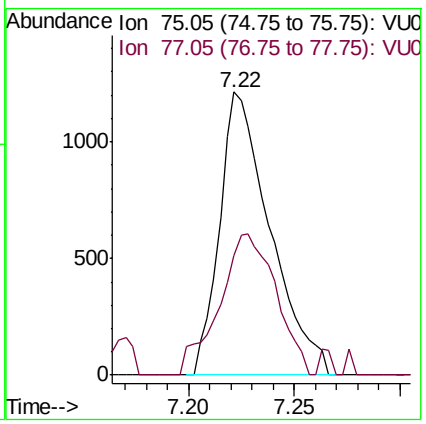


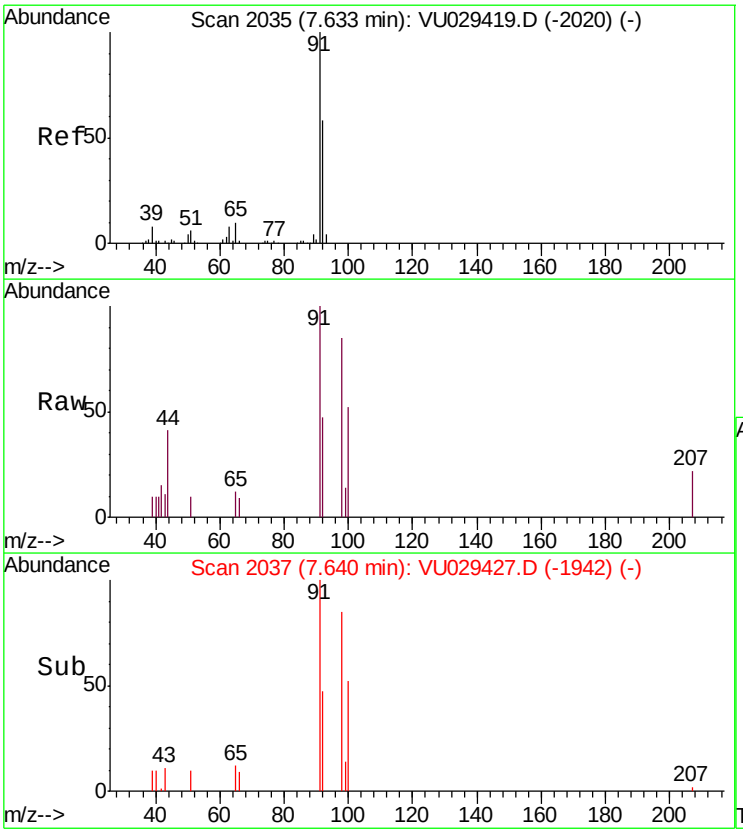
#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 75 Resp: 2019

Ion	Ratio	Lower	Upper
75	100		
77	42.5	22.3	41.3#

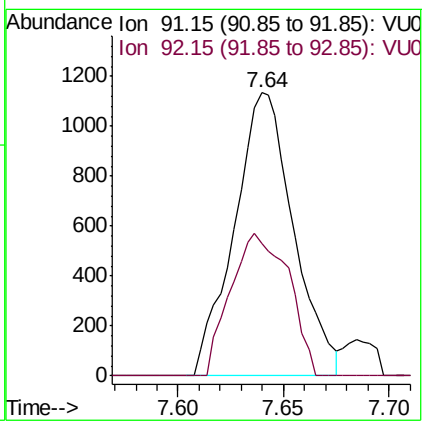


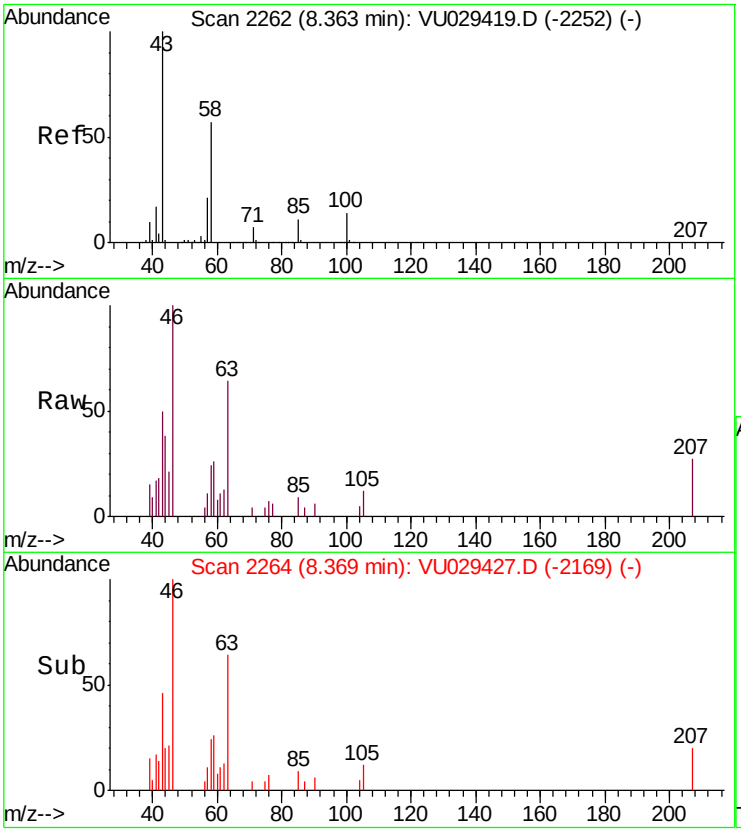


#42
Toluene
Concen: 0.036 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Tgt Ion: 91 Resp: 2219

Ion	Ratio	Lower	Upper
91	100		
92	46.9	39.8	73.8



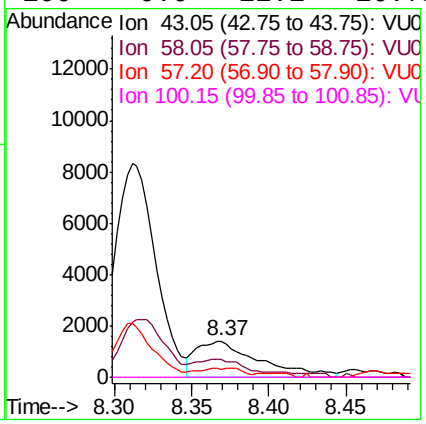


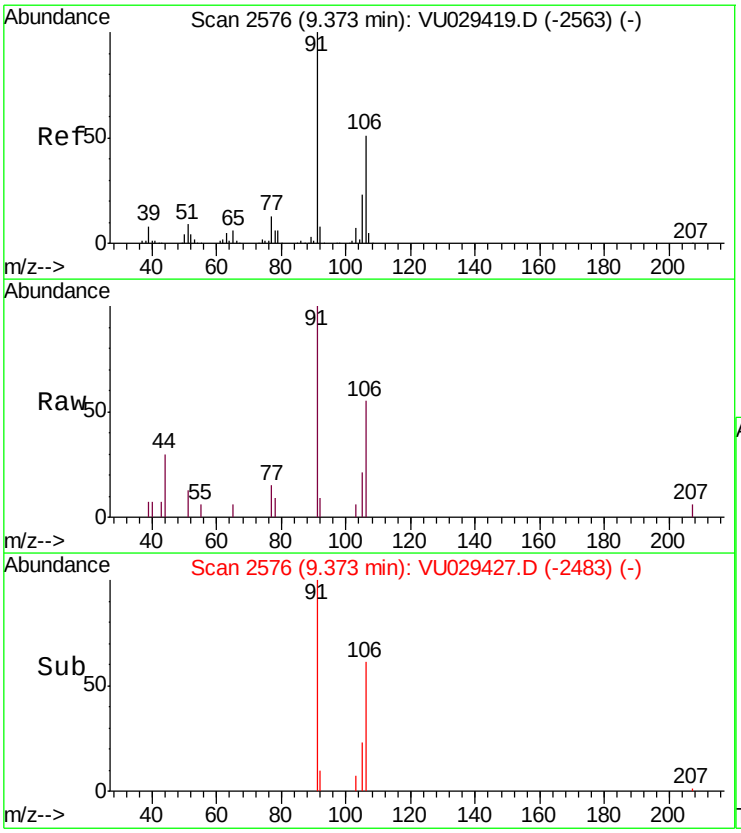
#48
2-Hexanone
Concen: 0.691 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Instrument : MSVOA_U
ClientSampleId : ESXA8

Tgt Ion: 43 Resp: 4022

Ion	Ratio	Lower	Upper
43	100		
58	27.3	45.7	68.5#
57	17.2	16.4	24.6
100	0.0	11.1	16.7#

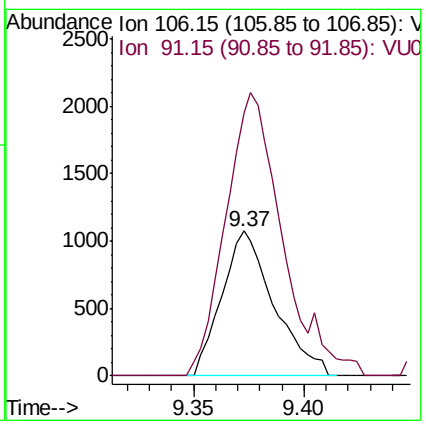


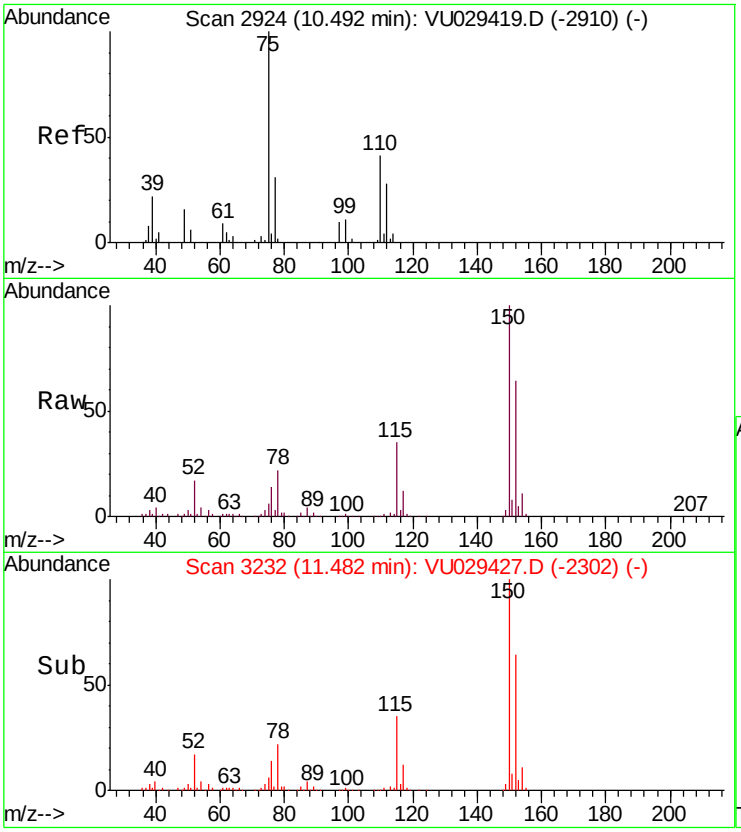


#53
m,p-xylene
Concen: 0.063 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Tgt Ion:106 Resp: 1759

Ion	Ratio	Lower	Upper
106	100		
91	181.7	135.7	251.9





#59
1,2,3-Trichloropropane
Concen: 1.134 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029427.D
Acq: 12 Feb 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 75 Resp: 10086

Ion	Ratio	Lower	Upper
75	100		
77	41.4	28.2	42.2