Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\

Quantitation Report (Not Reviewed)

Data File : VU029454.D
Acq On : 14 Feb 2019 13:47
Operator : JC/SP
Sample : K1436-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXA4

Quant Time: Feb 15 00:47:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	209955	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	197976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106283	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	53230	3.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.40%			
7) Chloroethane-d5	1.68	69	50478	4.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.00%			
11) 1,1-Dichloroethene-d2	2.27	63	88835	2.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.00%#			
20) 2-Butanone-d5	4.19	46	133362	45.47	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.94%			
24) Chloroform-d	4.65	84	97965	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	5.31	65	51380	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	5.34	84	207289	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.33	67	61850	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.00%			
41) Toluene-d8	7.56	98	197463	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	7.85	79	25429	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.31	63	136152	47.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52394	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	87743	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			

Target Compounds						Qvalue
8) Chloroethane	1.55	64	125138	9.505	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	939	0.051	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	1092	0.063	ug/L #	1
13) Acetone	2.32	43	4942	1.855	ug/L	94
15) Methyl Acetate	2.45	43	17003	2.491	ug/L #	47
25) Chloroform	4.67	83	1438	0.052	ug/L	97
35) Methylcyclohexane	6.33	83	15311	0.555	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6809	0.467	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1724	0.075	ug/L #	75
40) 4-Methyl-2-pentanone	7.40	43	6227	0.740	ug/L #	41
42) Toluene	7.64	91	2415	0.037	ug/L	87
52) Ethylbenzene	9.38	91	3532	0.048	ug/L	90
53) m,p-xylene	9.39	106	1535	0.052	ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	10660	1.139	ug/L	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\

Quantitation Report (Not Reviewed)

Data File : VU029454.D
Acq On : 14 Feb 2019 13:47
Operator : JC/SP
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ALS Vial : 10 Sample Multiplier: 1

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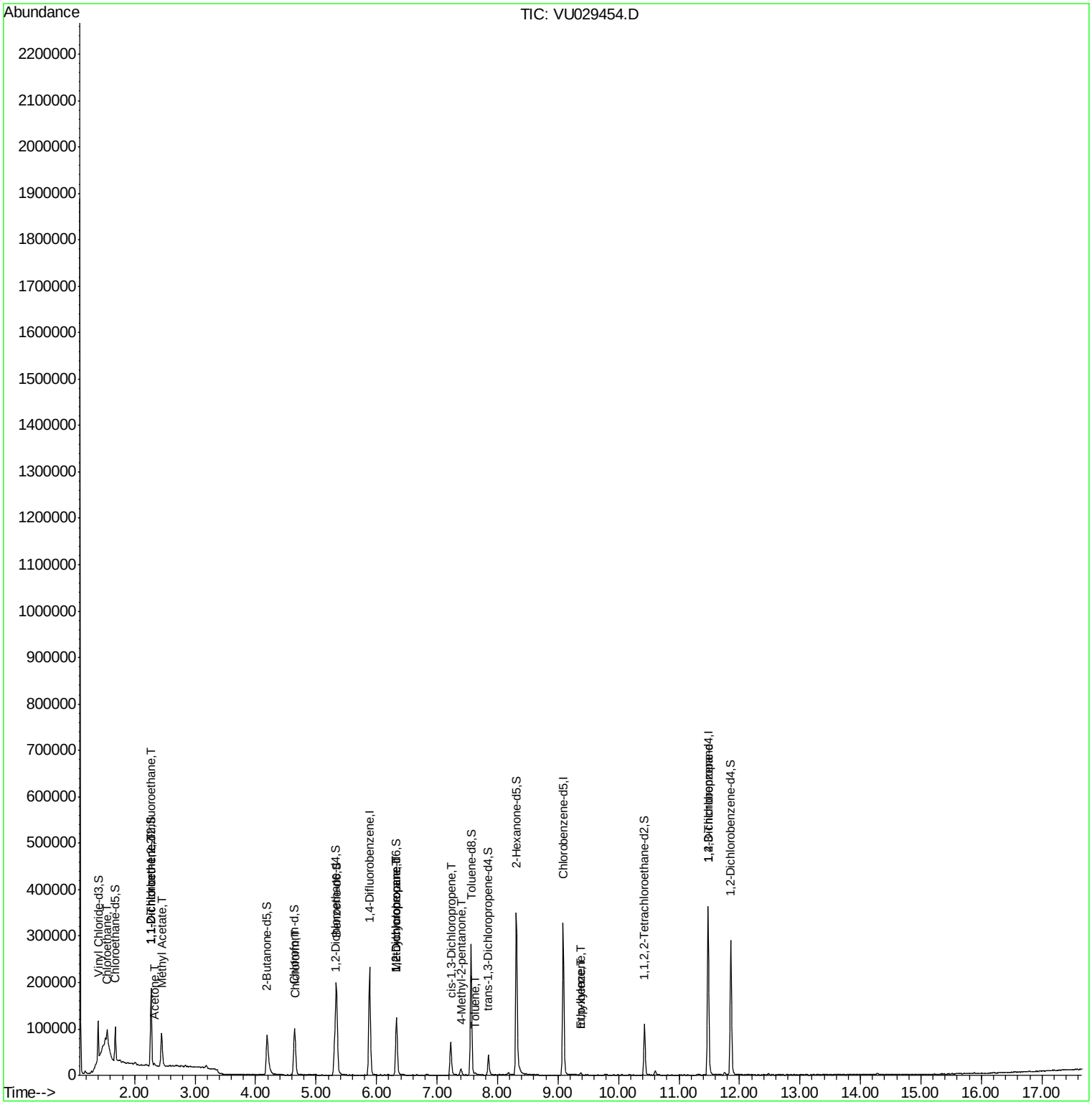
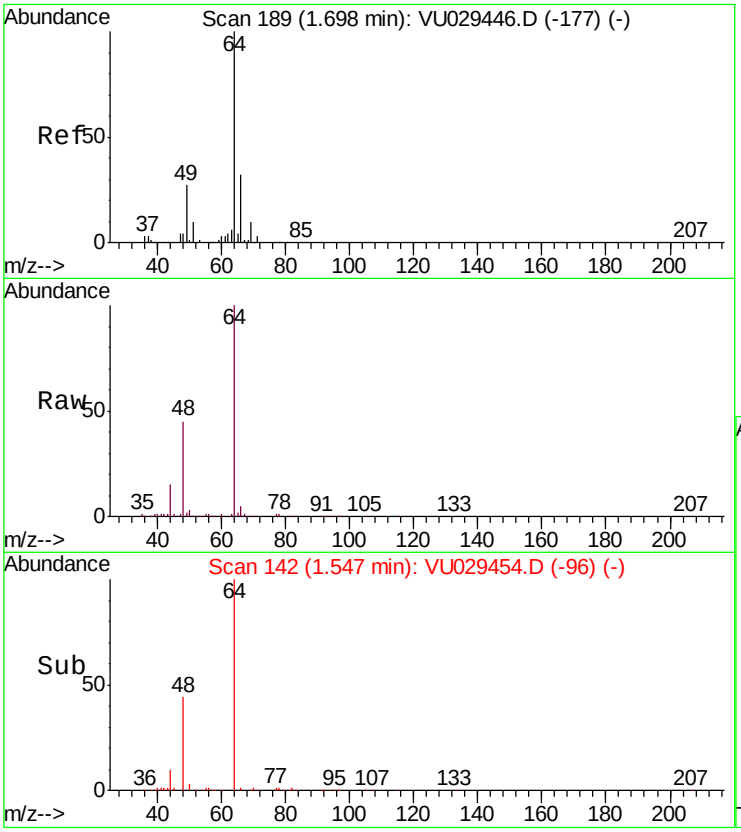
ClientSampleId : ESXA4

Quant Time: Feb 15 00:47:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration



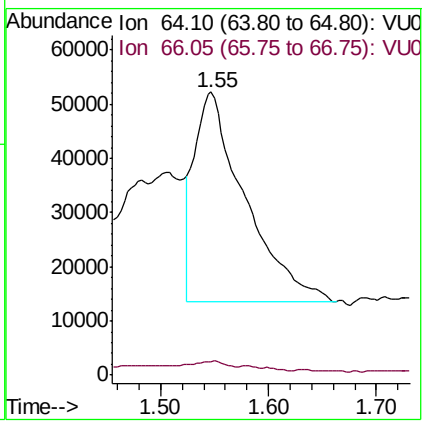


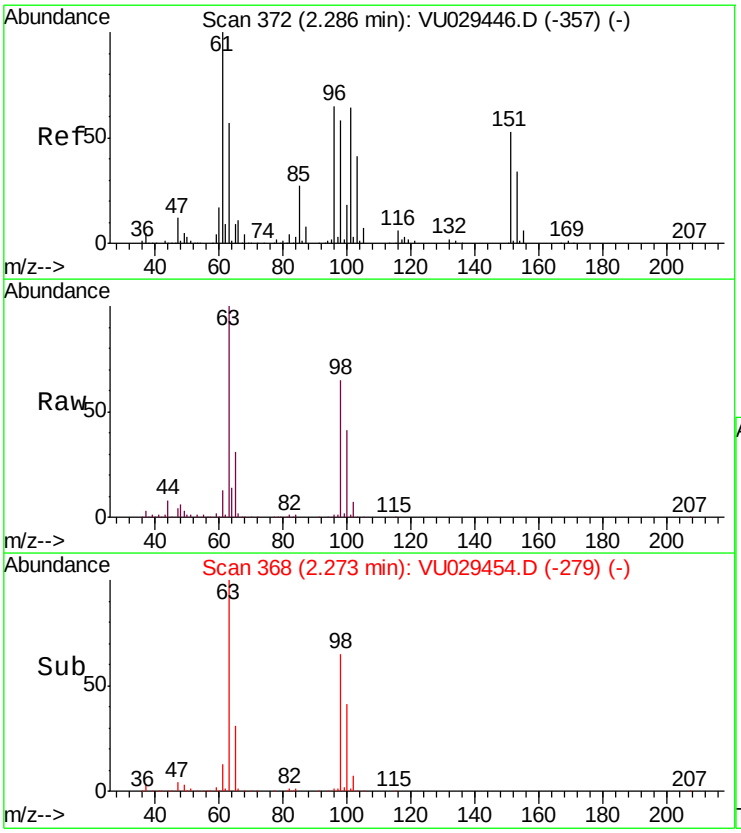
#8
Chloroethane
Concen: 9.505 ug/L
RT: 1.55 min Scan# 142
Delta R.T. -0.15 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Instrument :
MSVOA_U
ClientSampleId :
ESXA4

Tgt Ion: 64 Resp: 125138

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.0	40.8#

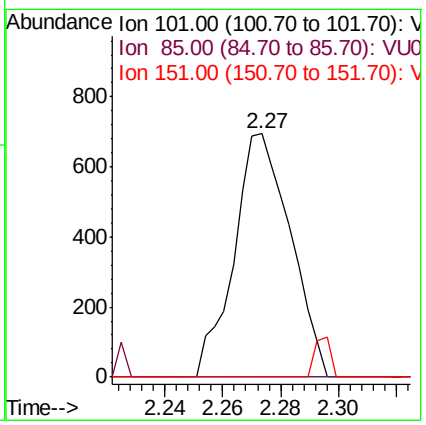


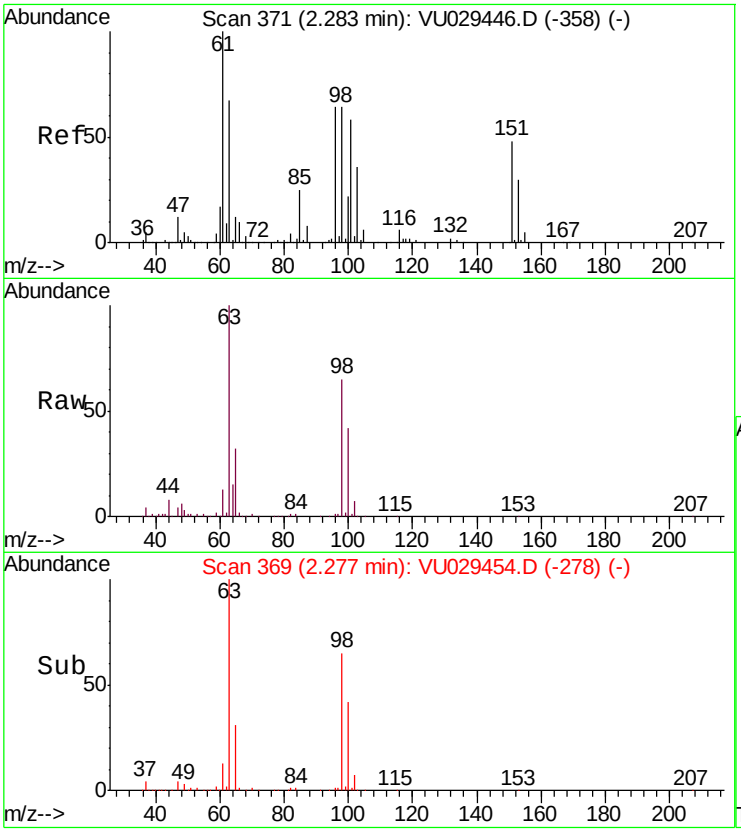


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Tgt Ion:101 Resp: 939

Ion	Ratio	Lower	Upper
101	100		
85	2.0	35.1	52.7#
151	4.5	67.0	100.6#



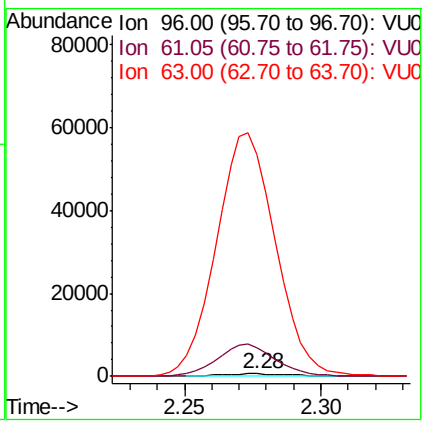


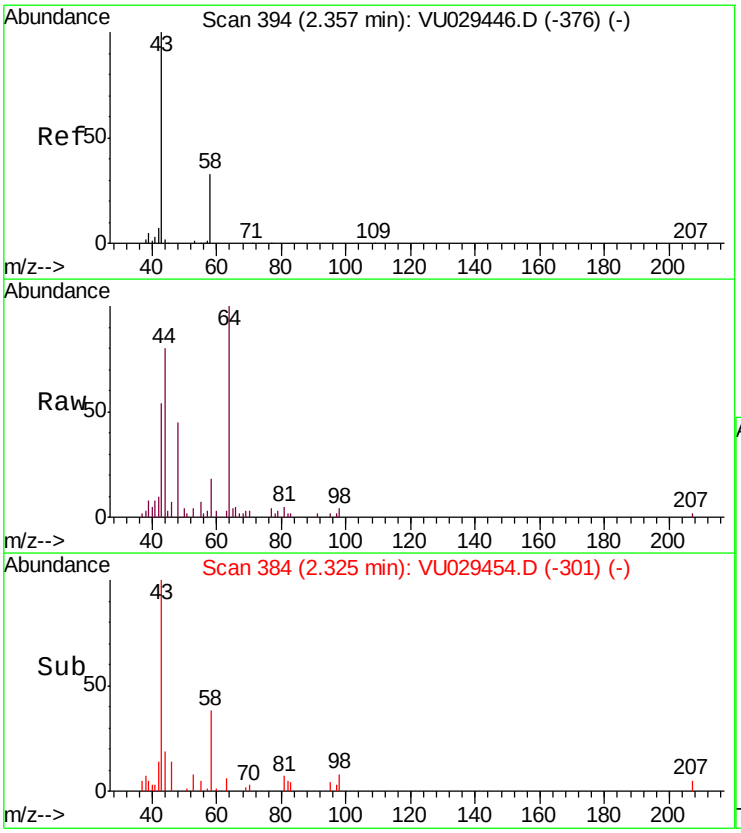
#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Instrument :
MSVOA_U
ClientSampleId :
ESXA4

Tgt Ion: 96 Resp: 1092

Ion	Ratio	Lower	Upper
96	100		
61	1215.0	115.1	213.7#
63	9256.0	83.5	155.1#

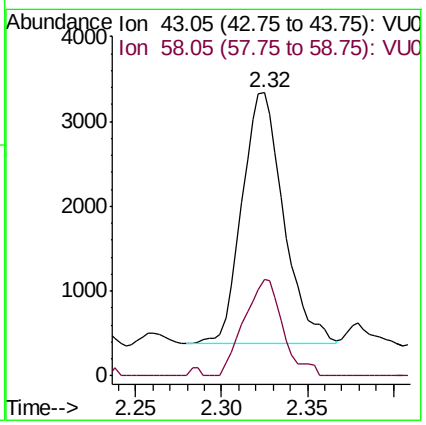


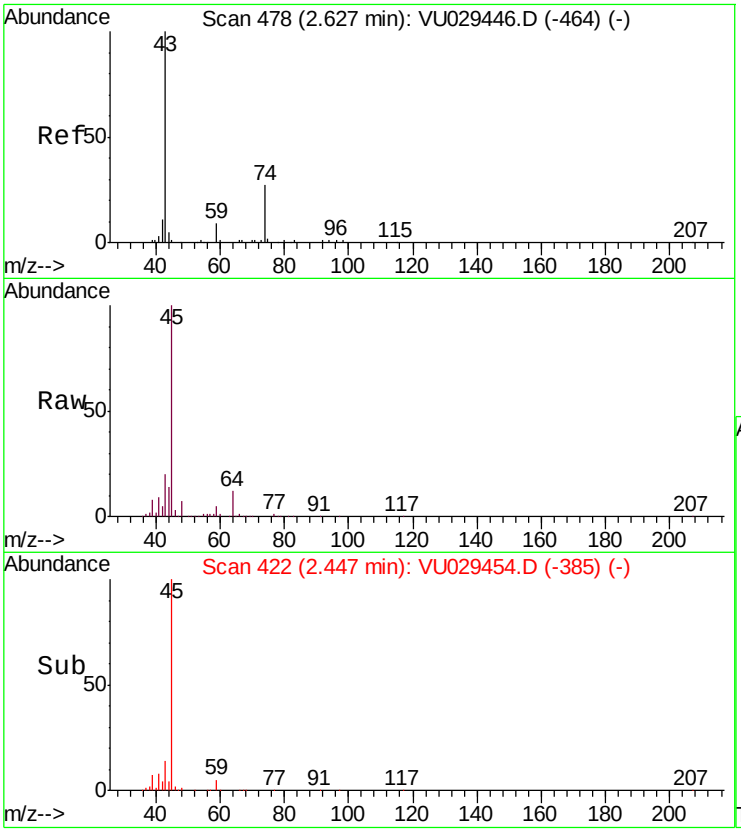


#13
Acetone
Concen: 1.855 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.03 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Tgt Ion: 43 Resp: 4942

Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	65.0



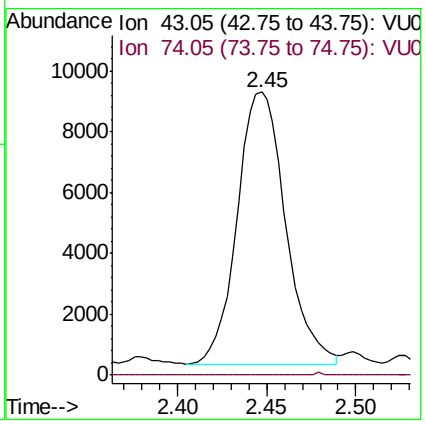


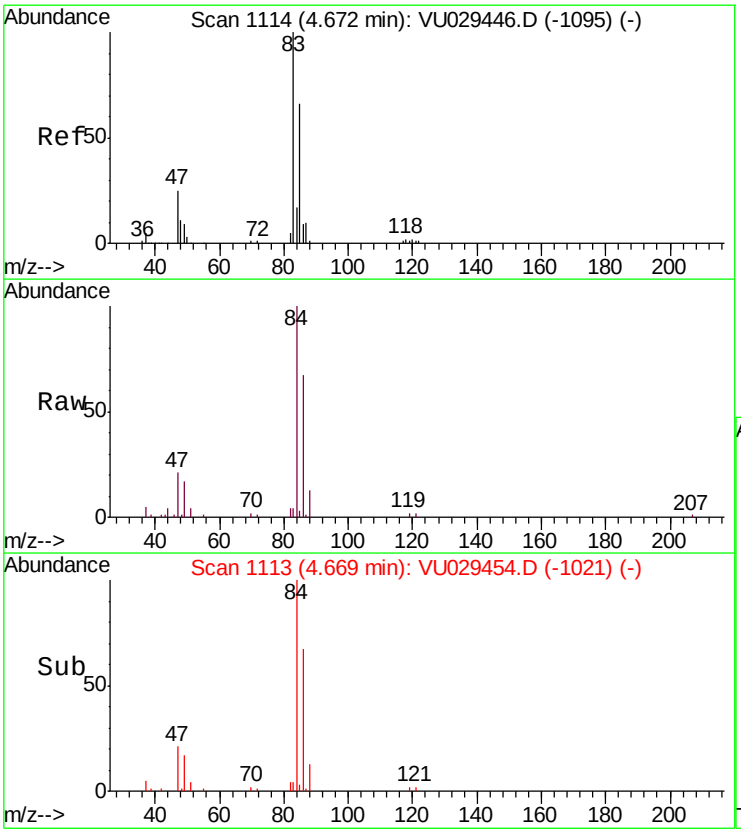
#15
Methyl Acetate
Concen: 2.491 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.18 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Instrument : MSVOA_U
ClientSampleId : ESXA4

Tgt Ion: 43 Resp: 17003

Ion	Ratio	Lower	Upper
43	100		
74	0.1	22.3	33.5#

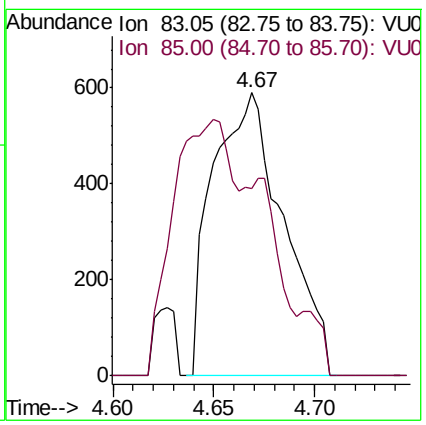


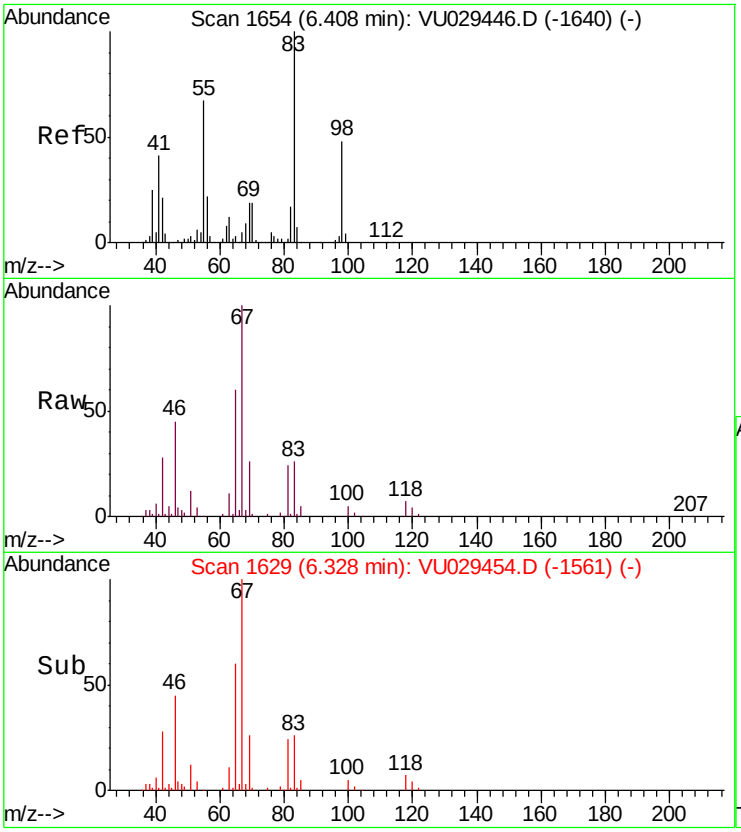


#25
Chloroform
Concen: 0.052 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Tgt Ion: 83 Resp: 1438

Ion	Ratio	Lower	Upper
83	100		
85	66.3	47.8	88.8



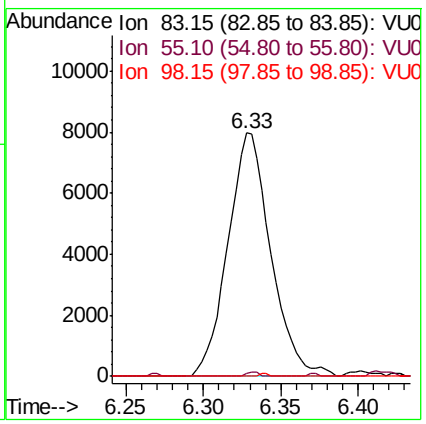


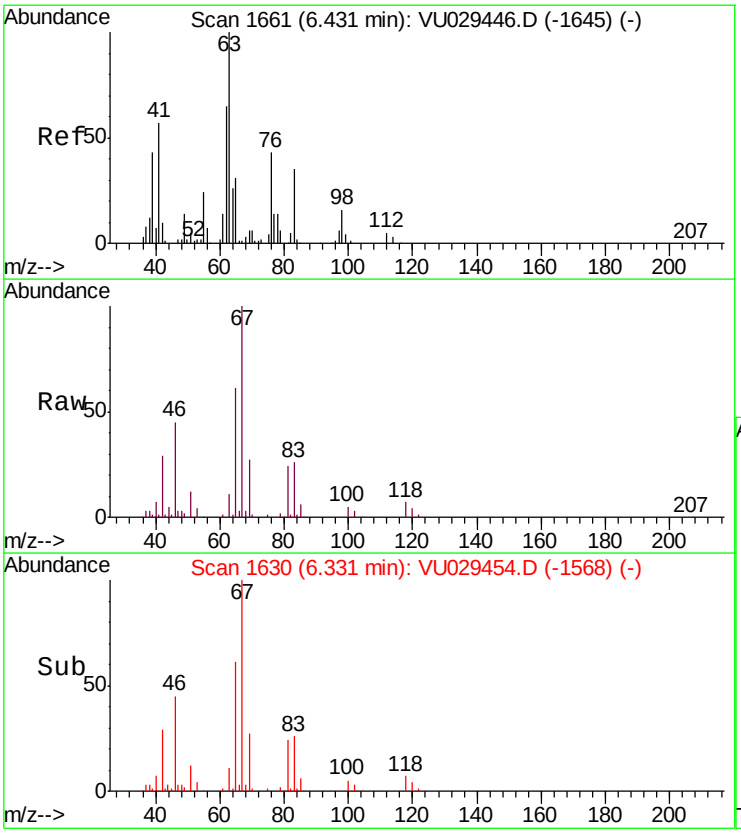
#35
Methylcyclohexane
Concen: 0.555 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Instrument :
MSVOA_U
ClientSampleId :
ESXA4

Tgt Ion: 83 Resp: 15311

Ion	Ratio	Lower	Upper
83	100		
55	0.5	55.9	83.9#
98	0.3	38.6	57.8#

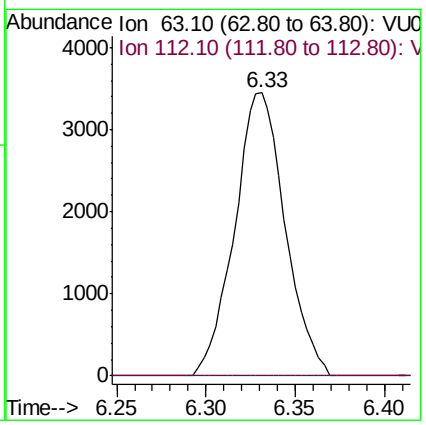


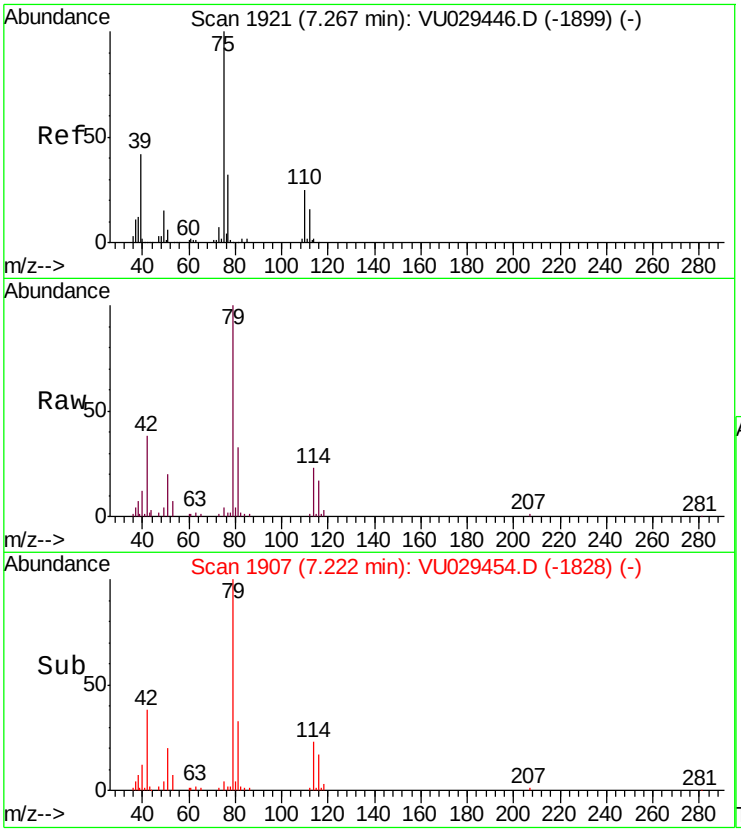


#37
1,2-Dichloropropane
Concen: 0.467 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Tgt Ion: 63 Resp: 6809

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



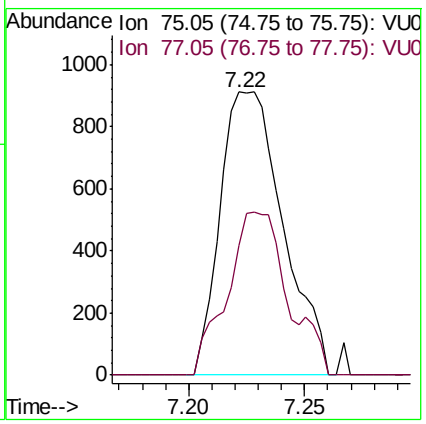


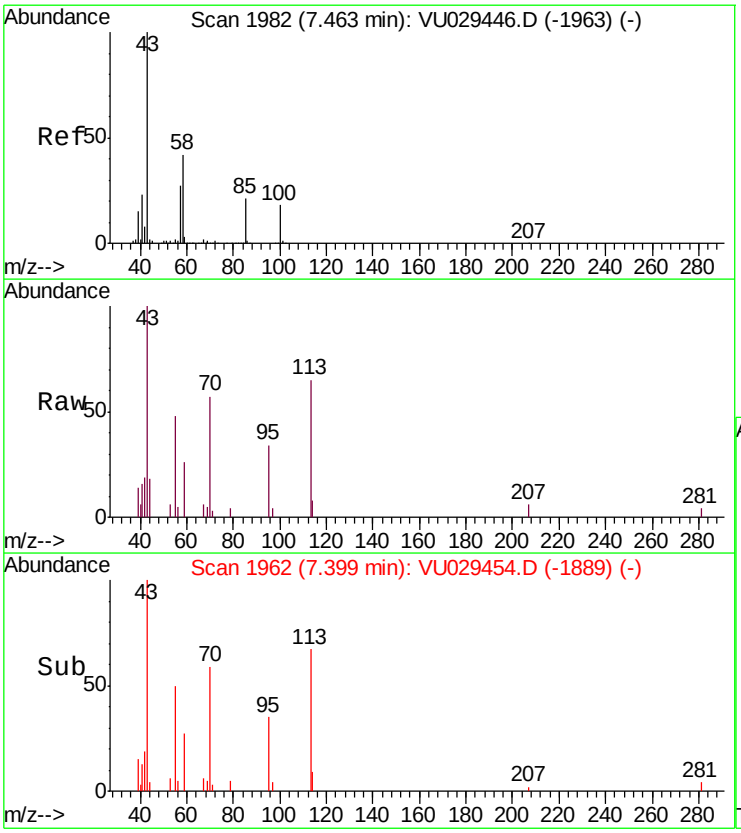
#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Instrument : MSVOA_U
ClientSampleId : ESXA4

Tgt Ion: 75 Resp: 1724

Ion	Ratio	Lower	Upper
75	100		
77	45.8	22.3	41.3#

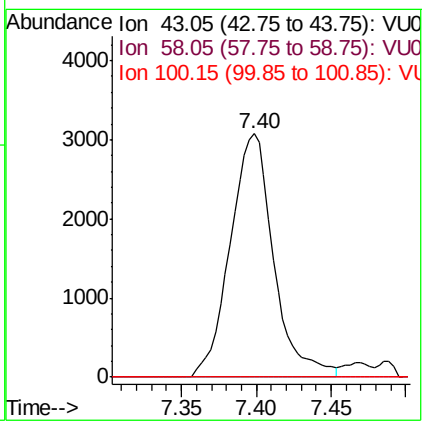


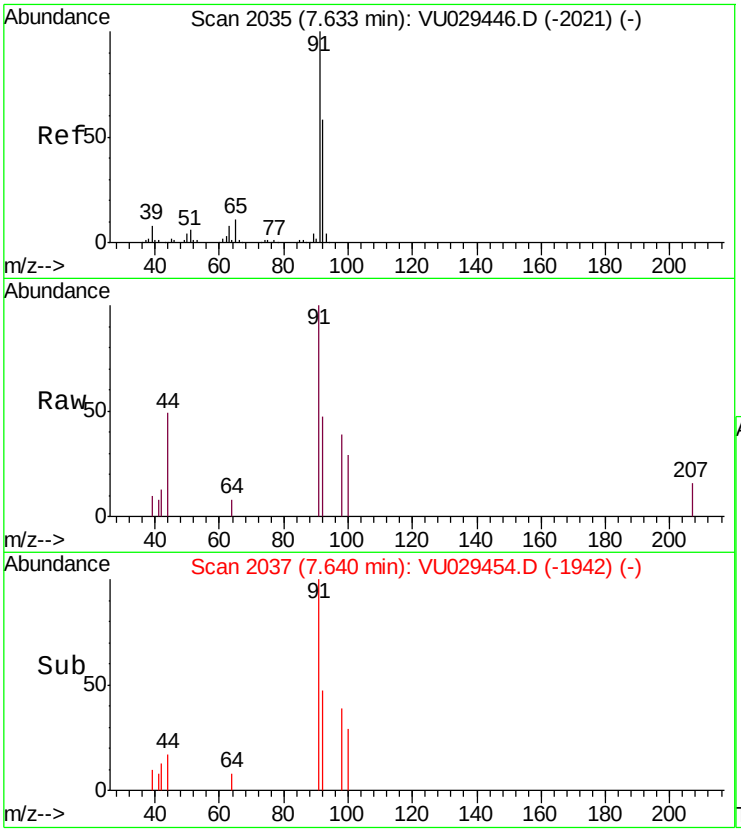


#40
4-Methyl-2-pentanone
Concen: 0.740 ug/L
RT: 7.40 min Scan# 1962
Delta R.T. -0.06 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Tgt Ion: 43 Resp: 6227

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



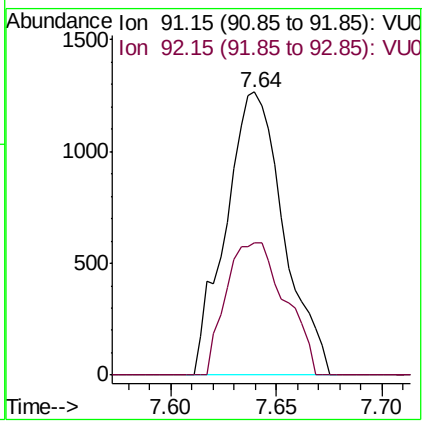


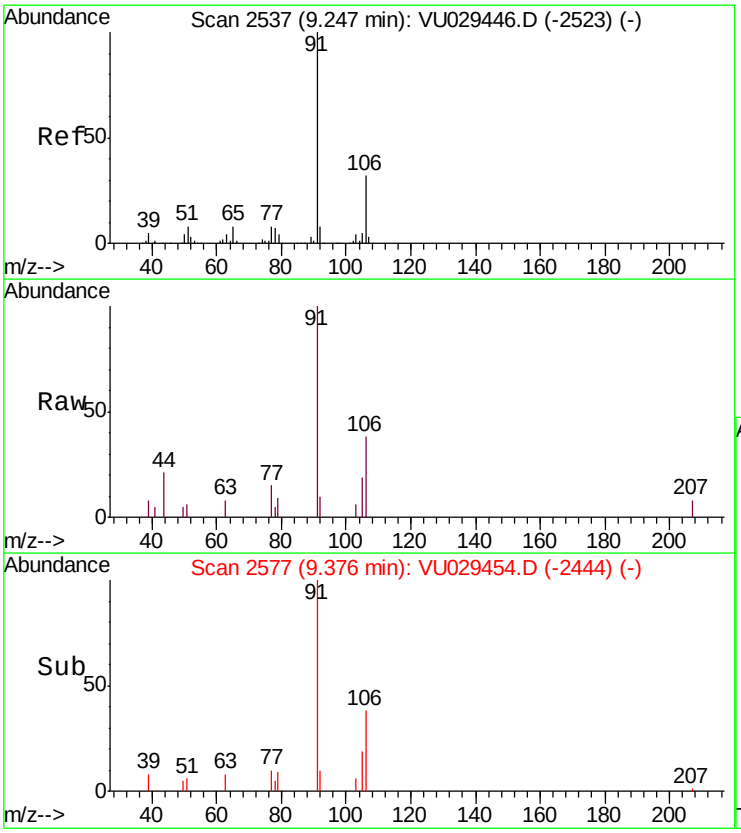
#42
Toluene
Concen: 0.037 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Instrument :
MSVOA_U
ClientSampleId :
ESXA4

Tgt Ion: 91 Resp: 2415

Ion	Ratio	Lower	Upper
91	100		
92	46.9	39.8	73.8

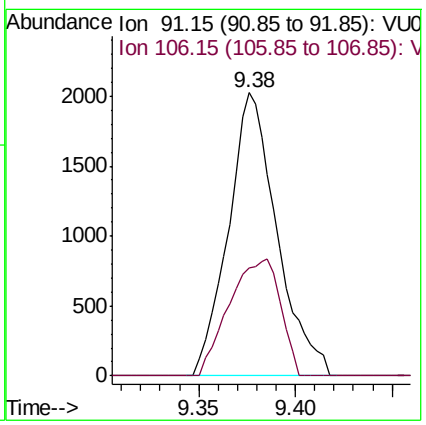


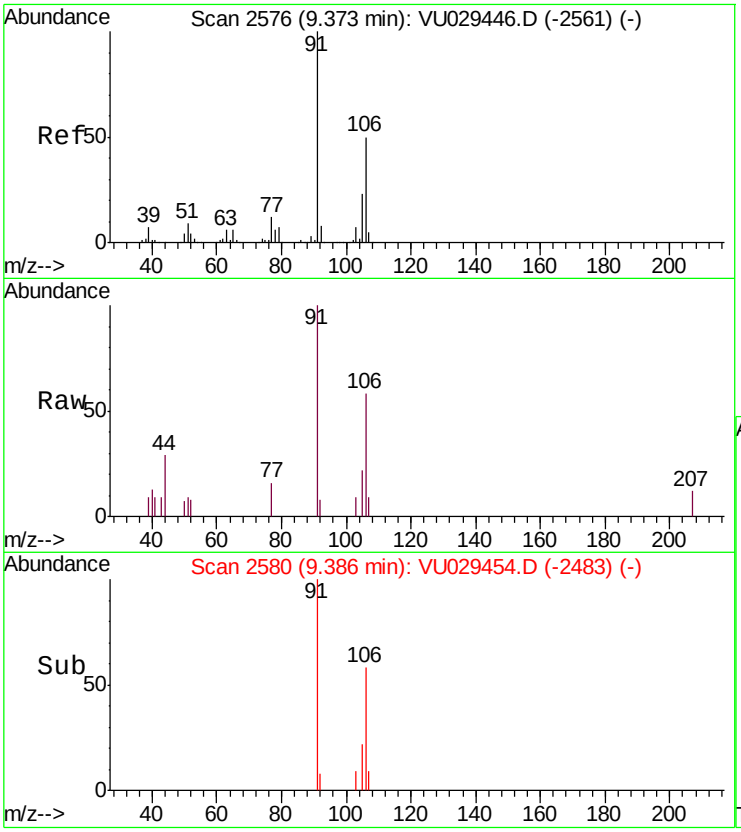


#52
Ethylbenzene
Concen: 0.048 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.13 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Tgt Ion: 91 Resp: 3532

Ion	Ratio	Lower	Upper
91	100		
106	38.0	22.8	42.4



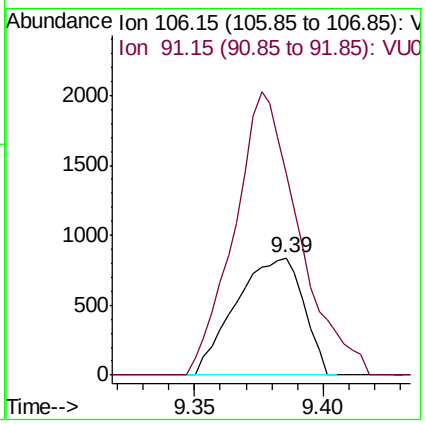


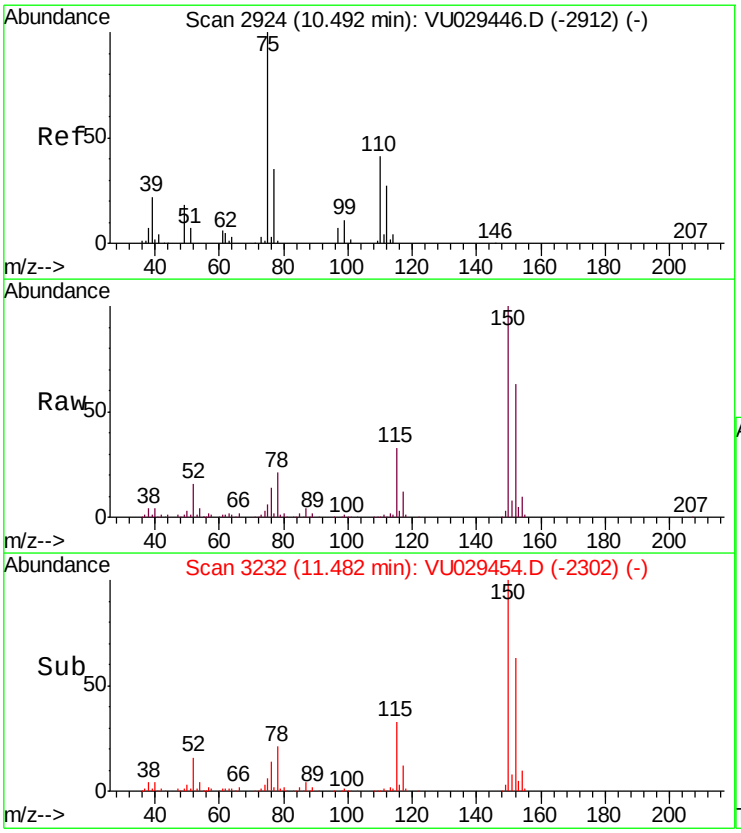
#53
m,p-xylene
Concen: 0.052 ug/L
RT: 9.39 min Scan# 2580
Delta R.T. 0.01 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Instrument :
MSVOA_U
ClientSampleId :
ESXA4

Tgt Ion:106 Resp: 1535

Ion	Ratio	Lower	Upper
106	100		
91	171.3	135.7	251.9





#59
1,2,3-Trichloropropane
Concen: 1.139 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029454.D
Acq: 14 Feb 2019 13:47

Tgt Ion: 75 Resp: 10660

Ion	Ratio	Lower	Upper
75	100		
77	38.1	28.2	42.2