Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032359.D
Acq On : 29 May 2019 14:30
Operator : JC/SP
Sample : K3045-09 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C53

Quant Time: May 30 05:39:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	423859	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193736	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	140090	5.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 117.80%			
7) Chloroethane-d5	1.68	69	111490	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.40%			
11) 1,1-Dichloroethene-d2	2.27	63	196748	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.80%			
20) 2-Butanone-d5	4.20	46	330468	49.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.44%			
24) Chloroform-d	4.64	84	249728	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
26) 1,2-Dichloroethane-d4	5.31	65	127269	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
32) Benzene-d6	5.33	84	543528	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.33	67	158405	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.20%			
41) Toluene-d8	7.56	98	489196	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	7.85	79	57377	4.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%			
46) 2-Hexanone-d5	8.31	63	260335	49.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127990	3.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 70.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	195311	3.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 73.20%#			
Target Compounds						Qvalue
8) Chloroethane	1.49	64	314122	26.974	ug/L #	50
12) 1,1-Dichloroethene	2.27	96	1931	0.128	ug/L #	1
13) Acetone	2.30	43	10098	4.854	ug/L	45
15) Methyl Acetate	2.70	43	42934	7.034	ug/L #	41
27) 1,2-Dichloroethane	5.39	62	9174	0.584	ug/L #	84
30) Cyclohexane	4.99	56	15126	0.783	ug/L	87
33) Benzene	5.38	78	774749	14.378	ug/L	100
35) Methylcyclohexane	6.39	83	1725	0.081	ug/L #	1
37) 1,2-Dichloropropane	6.32	63	17467	1.346	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3428	0.186	ug/L #	68
42) Toluene	7.64	91	8752	0.153	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	2186	0.151	ug/L	95
45) 1,1,2-Trichloroethane	8.04	97	7935	0.792	ug/L #	19
52) Ethylbenzene	9.24	91	120063	2.083	ug/L	97
53) m,p-Xylene	9.37	106	3858	0.180	ug/L	77
56) Isopropylbenzene	10.16	105	101858	1.881	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	19419	2.298	ug/L	88

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032359.D
Acq On : 29 May 2019 14:30
Operator : JC/SP
Sample : K3045-09 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C53

Quant Time: May 30 05:39:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,2-Dibromo-3-chloropropan	12.64	75	572	0.305	ug/L #	1
69) Naphthalene	13.74	128	77936	3.317	ug/L	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
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Misc : 25.0mL/MSVOA_U/WATER
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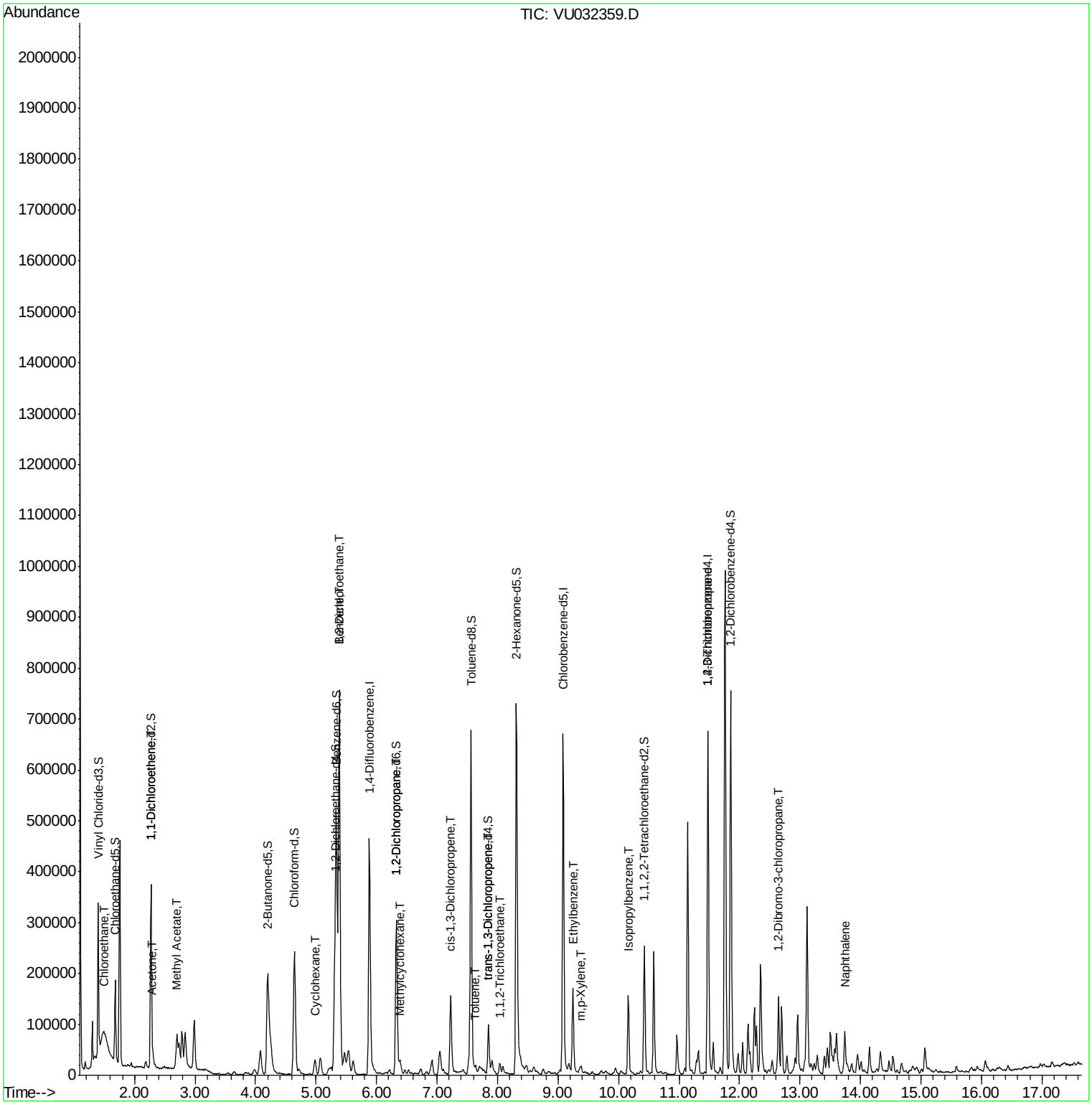
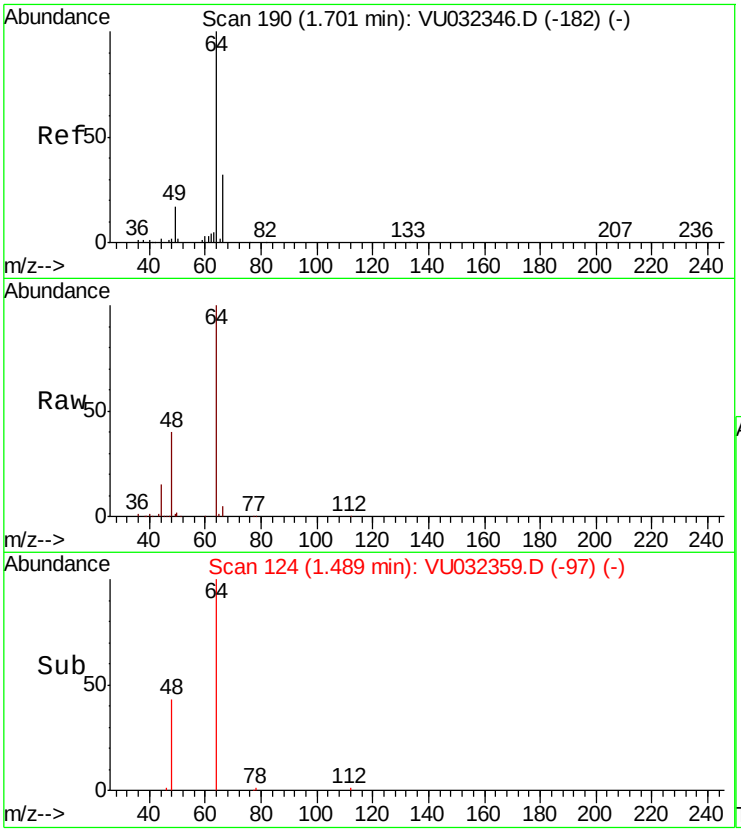
Instrument :
MSVOA_U
ClientSampleId :
C0C53

Quant Time: May 30 05:39:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration



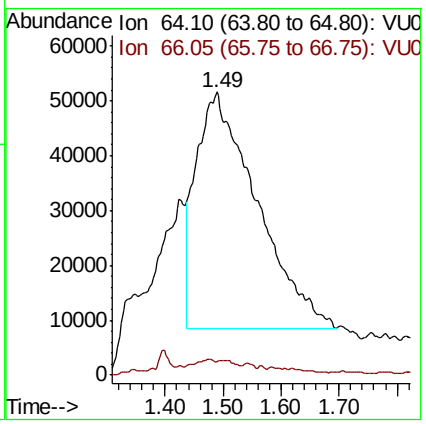


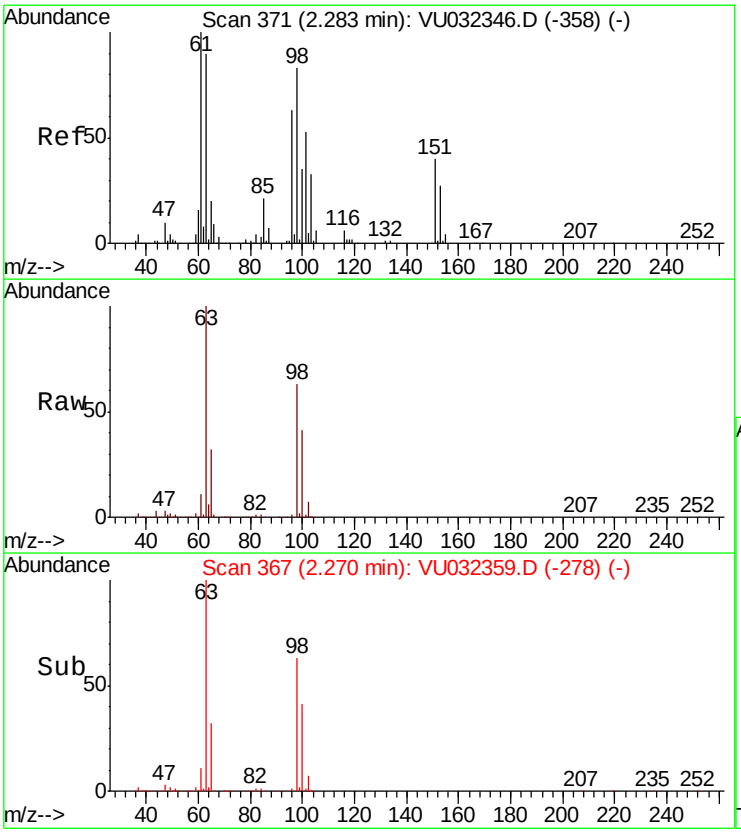
#8
Chloroethane
Concen: 26.974 ug/L
RT: 1.49 min Scan# 124
Delta R.T. -0.21 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument : MSVOA_U
ClientSampleId : C0C53

Tgt Ion: 64 Resp: 314122

Ion	Ratio	Lower	Upper
64	100		
66	4.6	23.1	42.9#

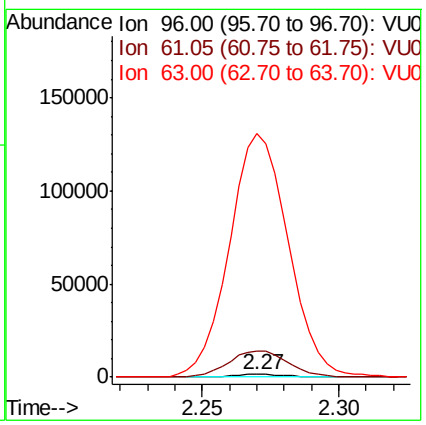


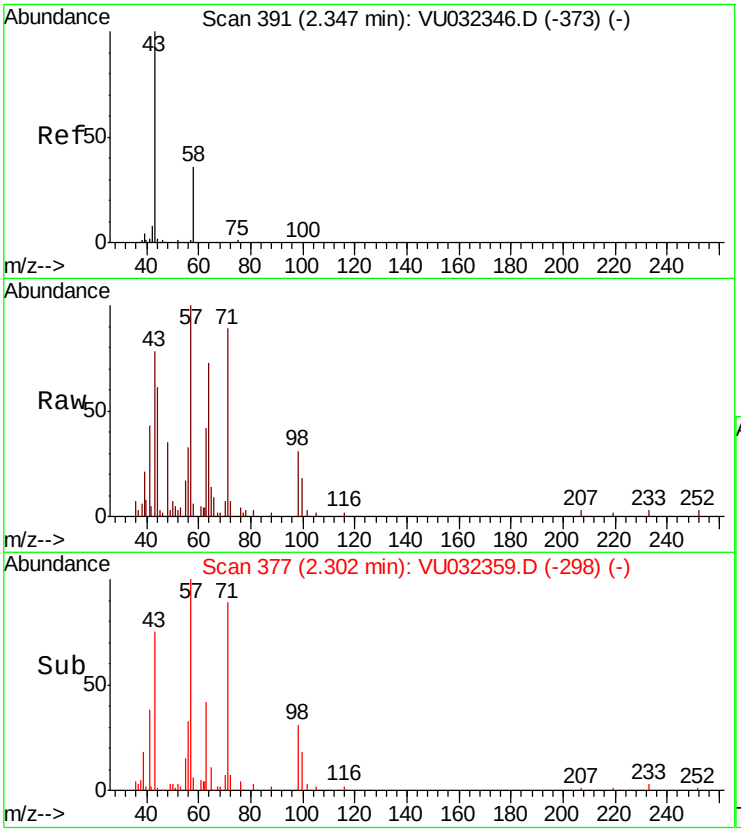


#12
1,1-Dichloroethene
Concen: 0.128 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion: 96 Resp: 1931

Ion	Ratio	Lower	Upper
96	100		
61	1001.6	113.8	211.3#
63	9209.0	108.8	202.2#



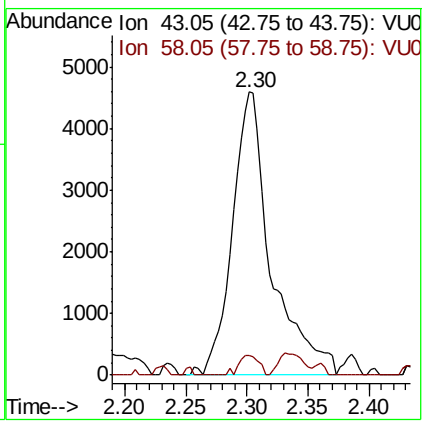


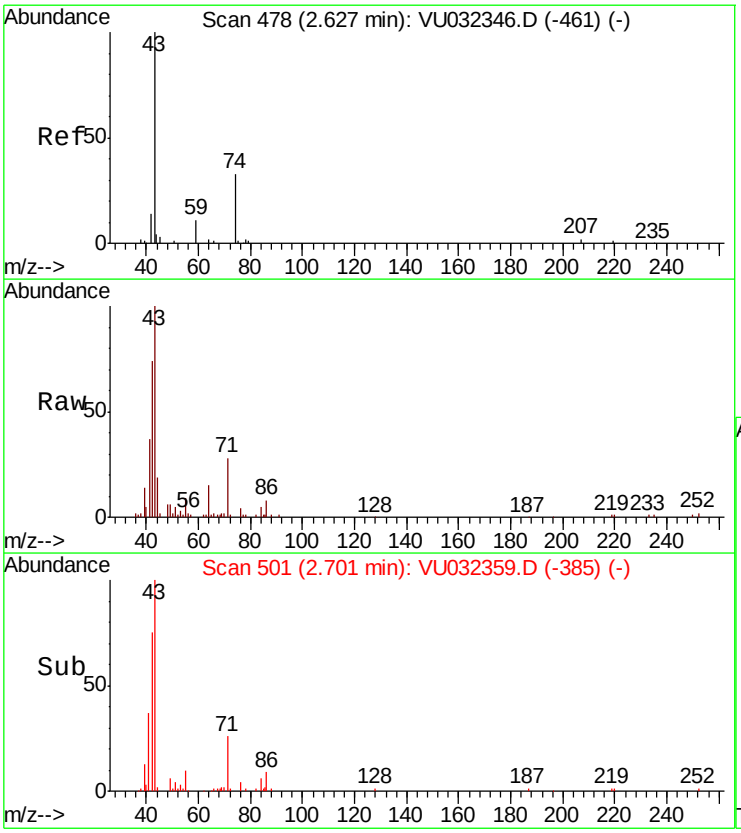
#13
Acetone
Concen: 4.854 ug/L
RT: 2.30 min Scan# 377
Delta R.T. -0.05 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument : MSVOA_U
ClientSampleId : C0C53

Tgt Ion: 43 Resp: 10098

Ion	Ratio	Lower	Upper
43	100		
58	3.6	0.0	72.6

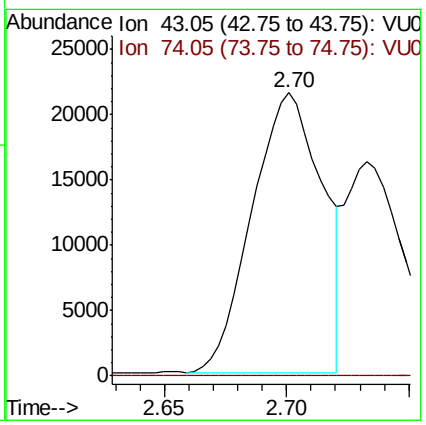


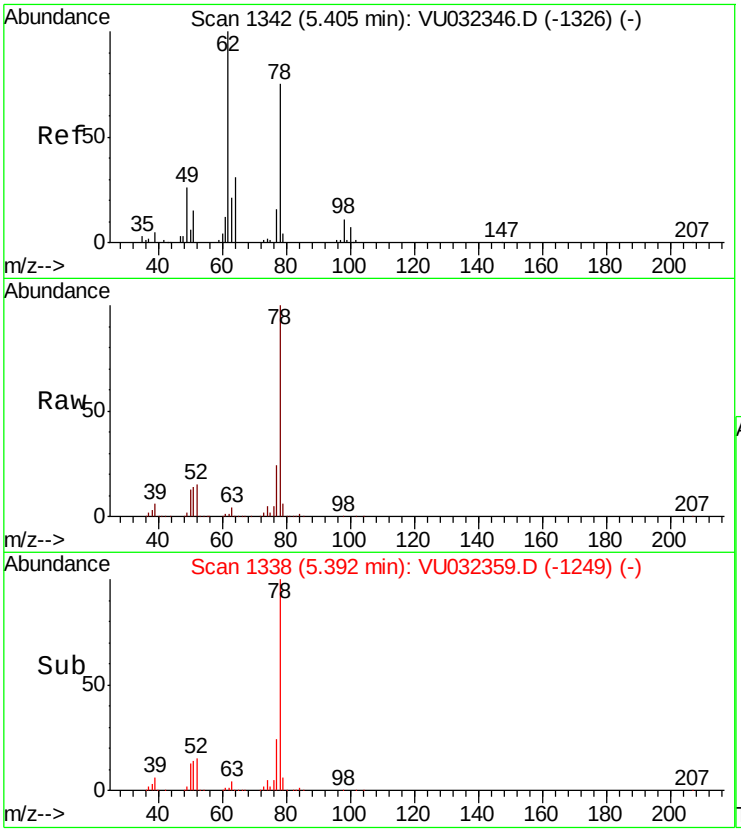


#15
Methyl Acetate
Concen: 7.034 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.07 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion: 43 Resp: 42934

Ion	Ratio	Lower	Upper
43	100		
74	0.1	27.3	40.9#



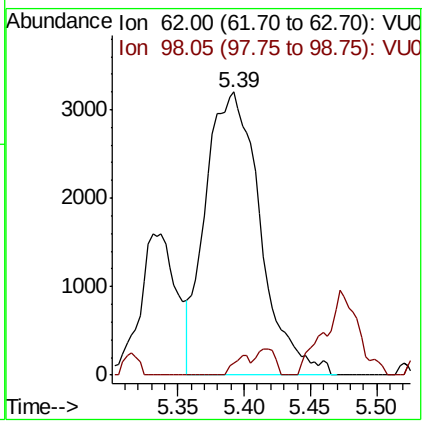


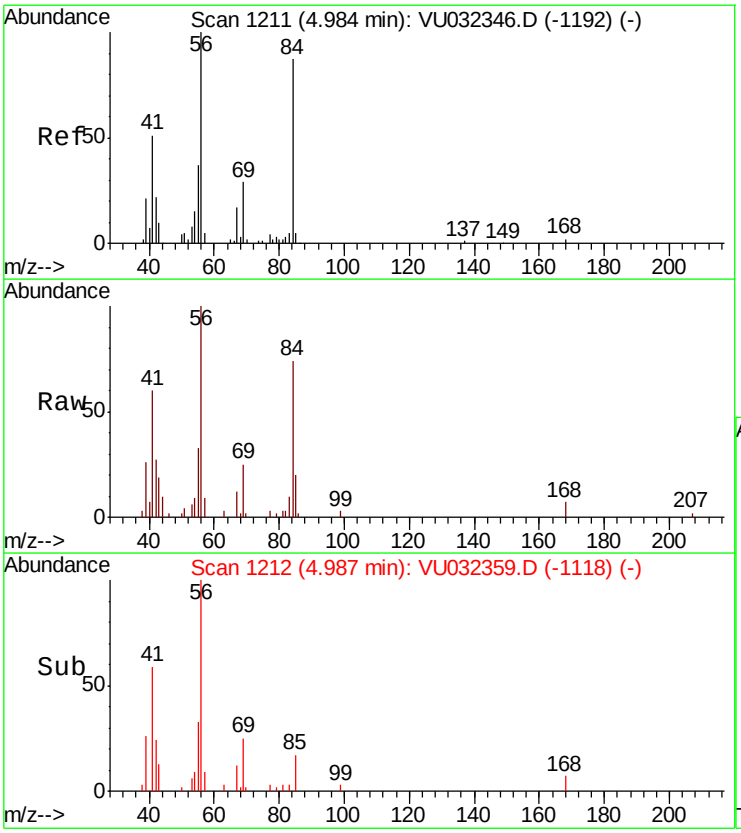
#27
1,2-Dichloroethane
Concen: 0.584 ug/L
RT: 5.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
C0C53

Tgt Ion: 62 Resp: 9174

Ion	Ratio	Lower	Upper
62	100		
98	4.3	8.2	12.2#

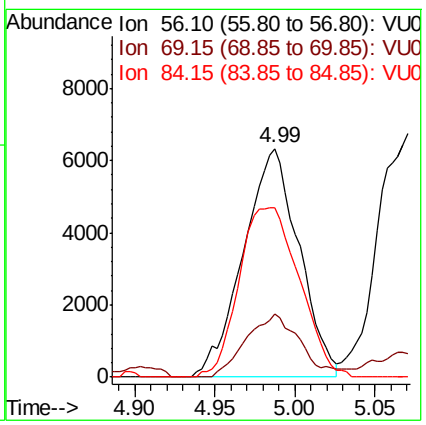


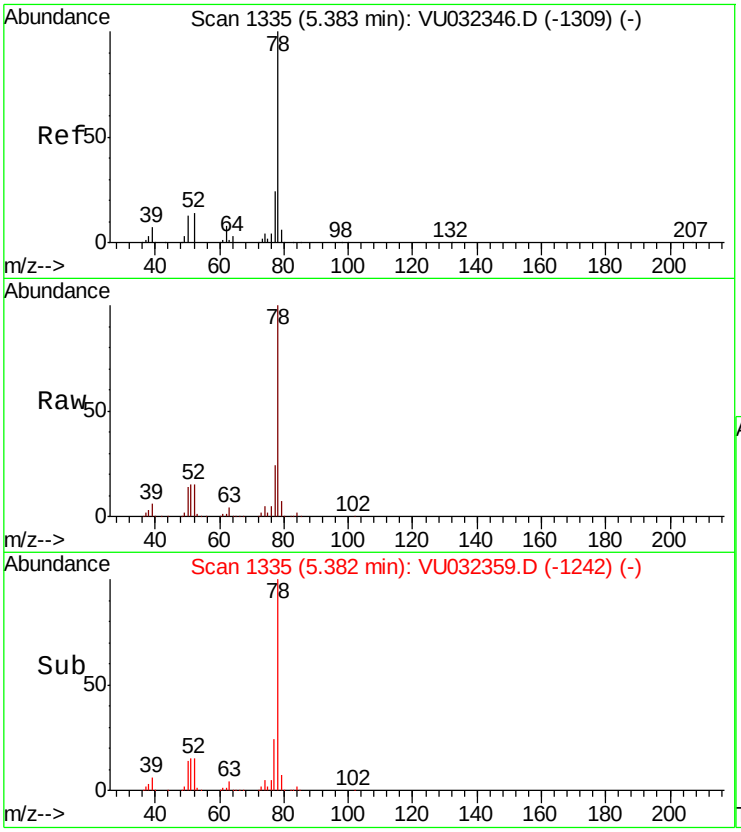


#30
Cyclohexane
Concen: 0.783 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion: 56 Resp: 15126

Ion	Ratio	Lower	Upper
56	100		
69	27.1	26.6	39.8
84	80.3	75.0	112.6

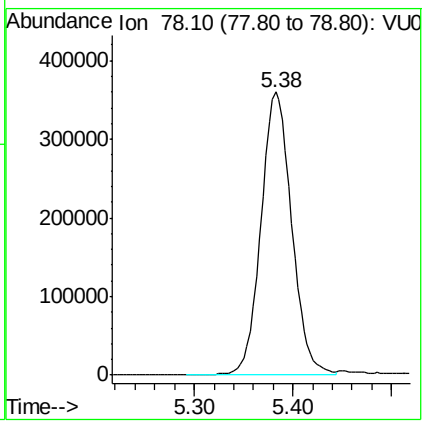


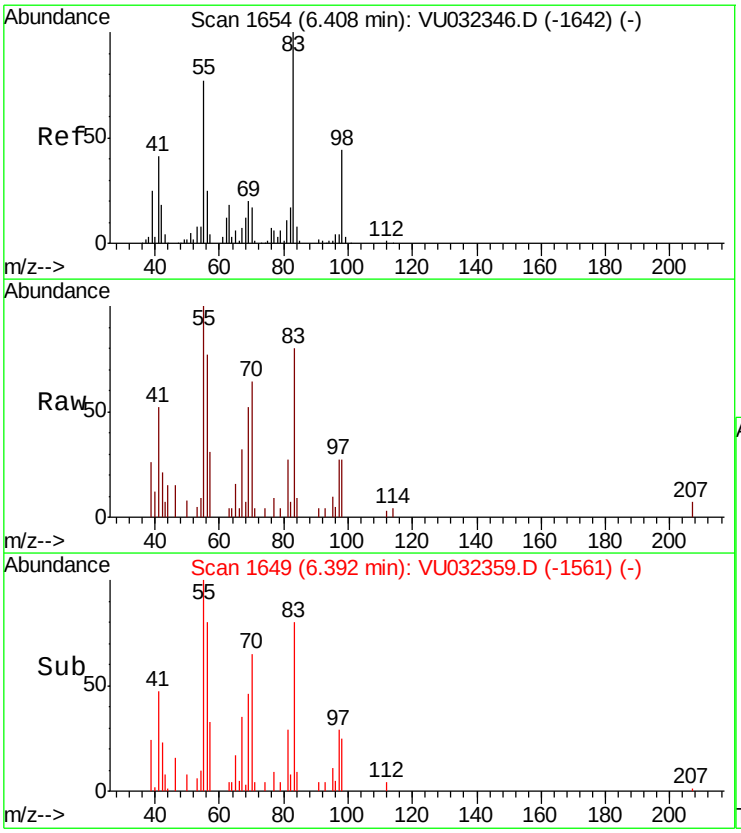


#33
Benzene
Concen: 14.378 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
C0C53

Tgt Ion: 78 Resp: 774749

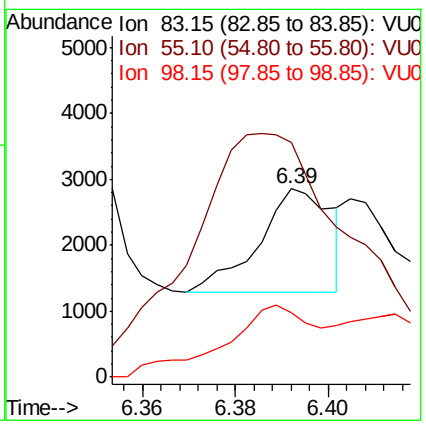


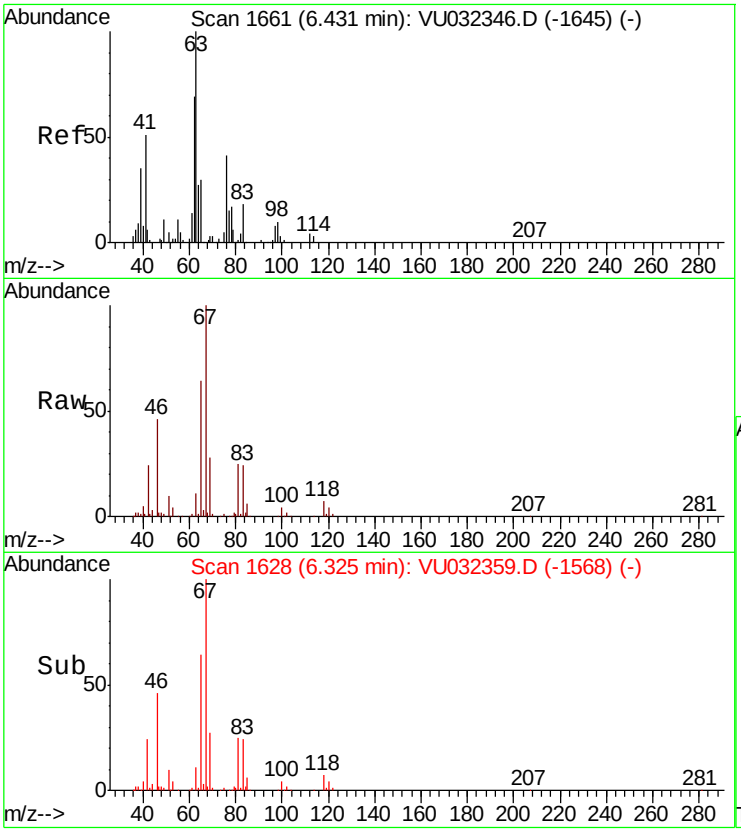


#35
Methylcyclohexane
Concen: 0.081 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. -0.02 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion: 83 Resp: 1725

Ion	Ratio	Lower	Upper
83	100		
55	553.7	59.7	89.5#
98	85.0	37.5	56.3#



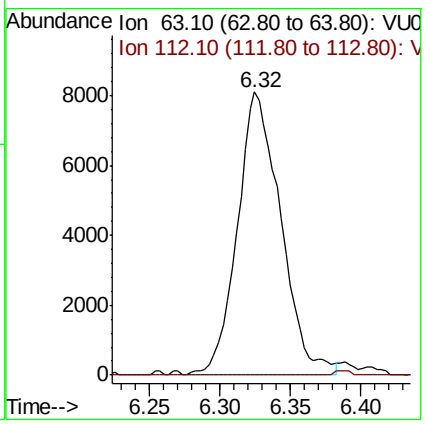


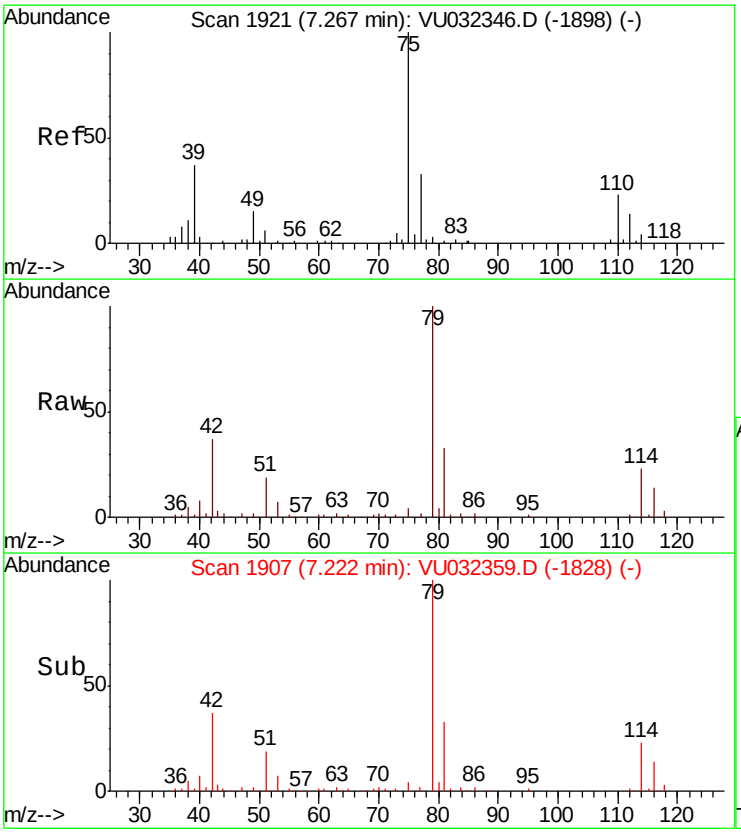
#37
1,2-Dichloropropane
Concen: 1.346 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument : MSVOA_U
ClientSampleId : C0C53

Tgt Ion: 63 Resp: 17467

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.8#

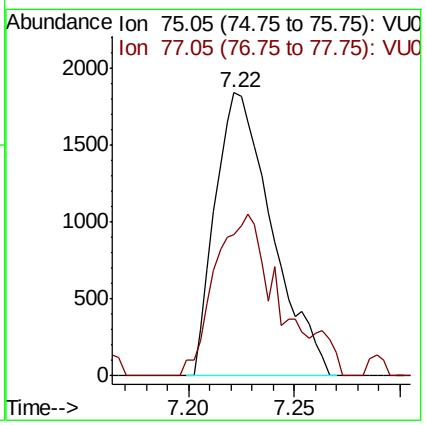


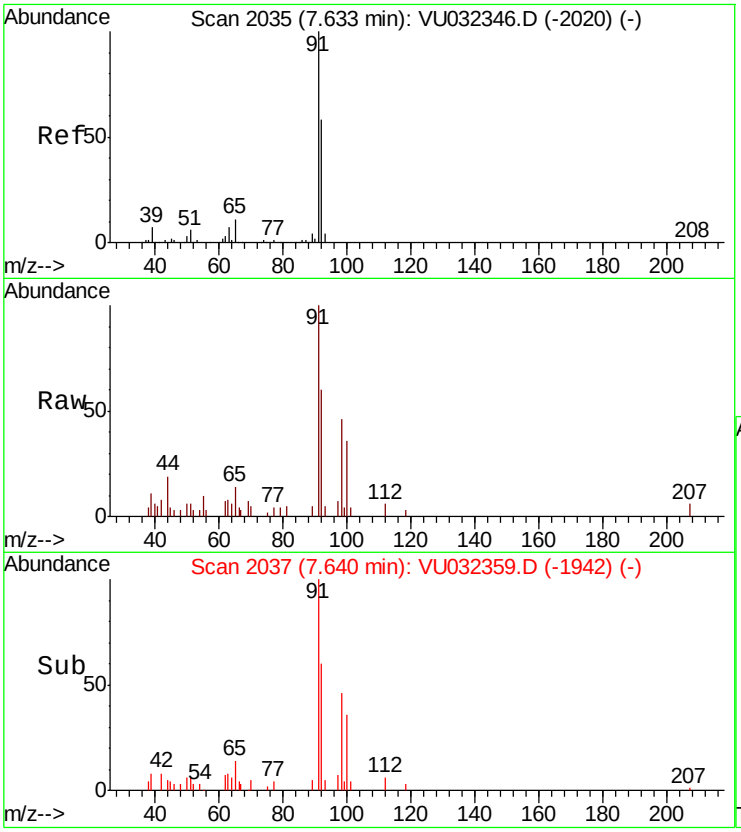


#39
cis-1,3-Dichloropropene
Concen: 0.186 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion: 75 Resp: 3428

Ion	Ratio	Lower	Upper
75	100		
77	50.0	22.6	42.0#



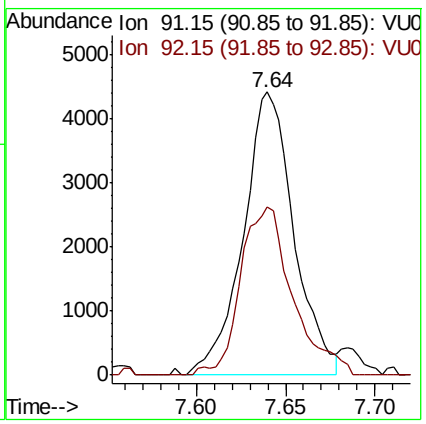


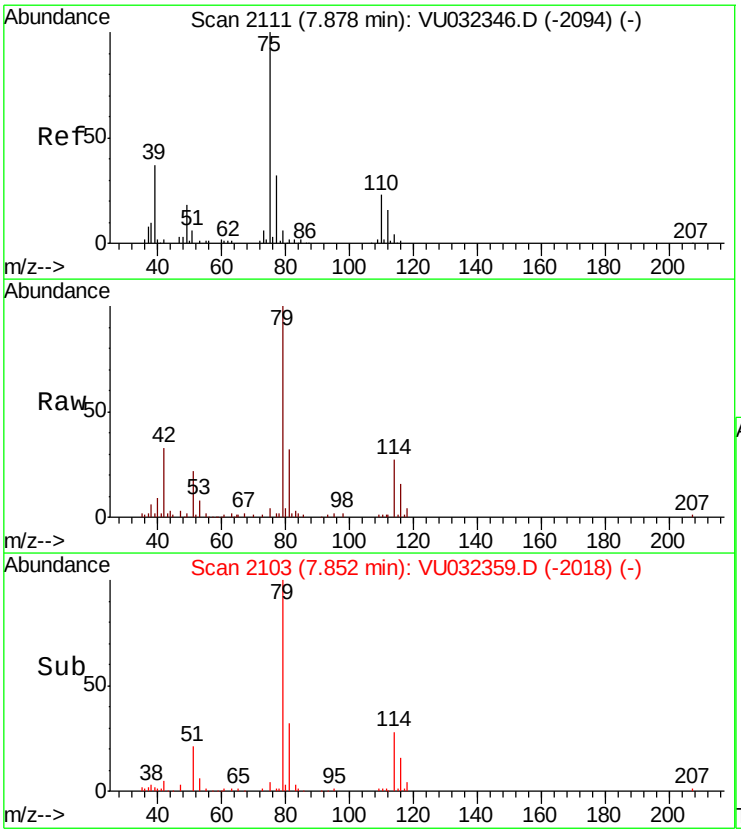
#42
Toluene
Concen: 0.153 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
C0C53

Tgt Ion: 91 Resp: 8752

Ion	Ratio	Lower	Upper
91	100		
92	59.6	38.5	71.5

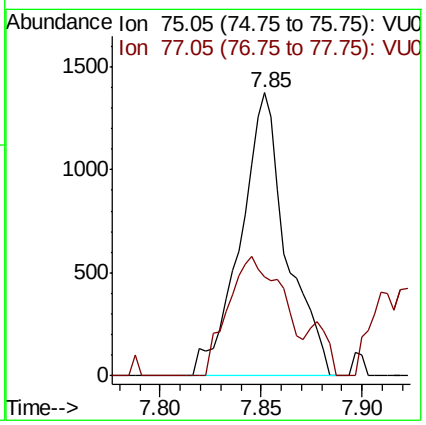


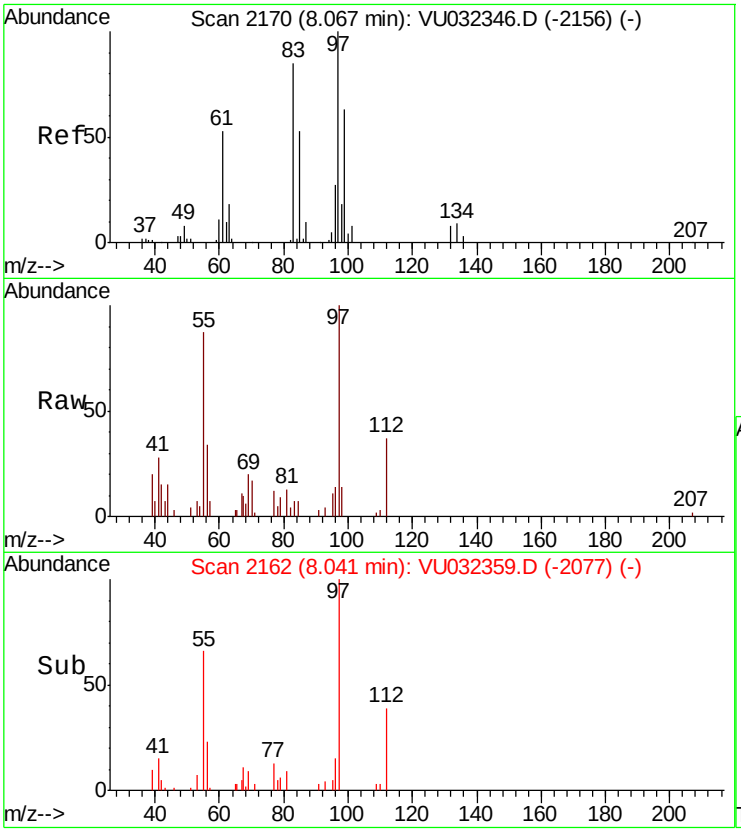


#44
trans-1,3-Dichloropropene
Concen: 0.151 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion: 75 Resp: 2186

Ion	Ratio	Lower	Upper
75	100		
77	35.2	22.5	41.9



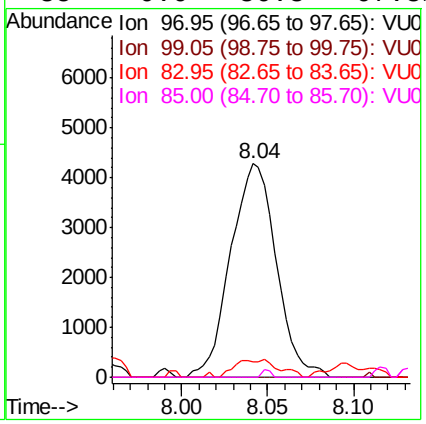


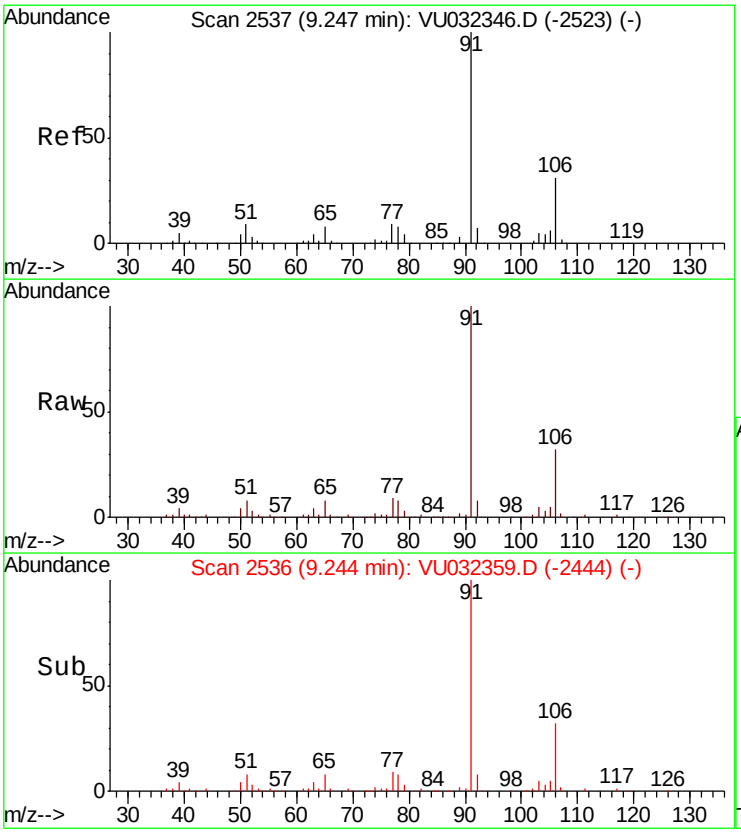
#45
1,1,2-Trichloroethane
Concen: 0.792 ug/L
RT: 8.04 min Scan# 2162
Delta R.T. -0.03 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument : MSVOA_U
ClientSampleId : C0C53

Tgt Ion: 97 Resp: 7935

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.0#
83	7.0	60.5	112.3#
85	0.0	36.3	67.3#

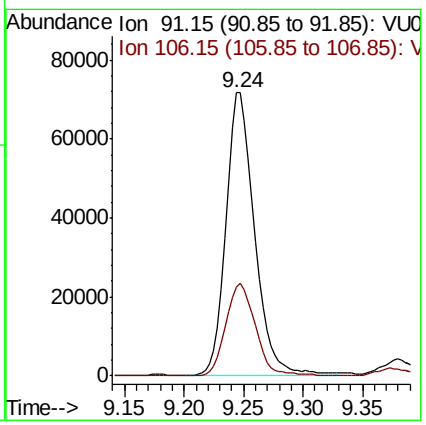


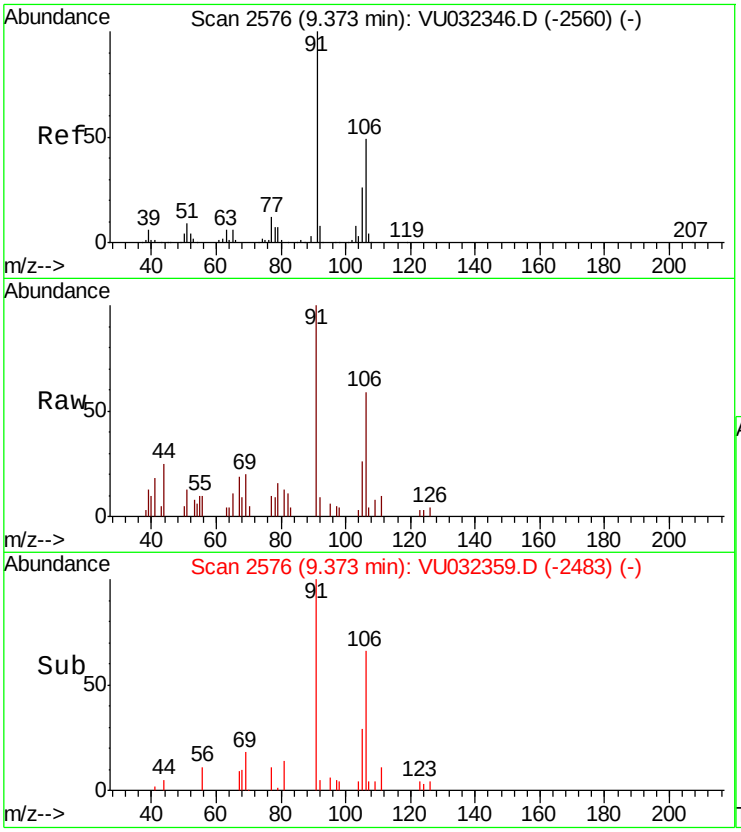


#52
Ethylbenzene
Concen: 2.083 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion: 91 Resp: 120063

Ion	Ratio	Lower	Upper
91	100		
106	31.6	20.9	38.9



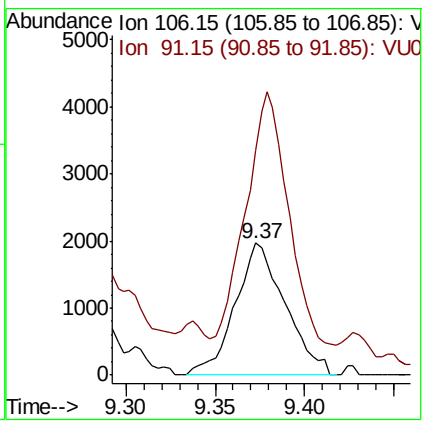


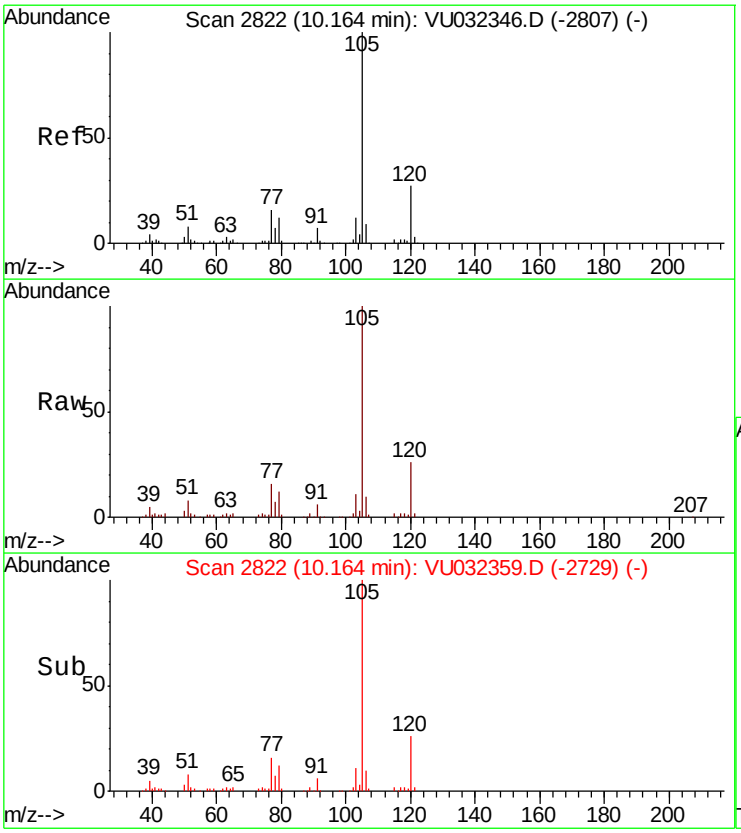
#53
m,p-Xylene
Concen: 0.180 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument : MSVOA_U
ClientSampleId : C0C53

Tgt Ion:106 Resp: 3858

Ion	Ratio	Lower	Upper
106	100		
91	169.6	143.9	267.2

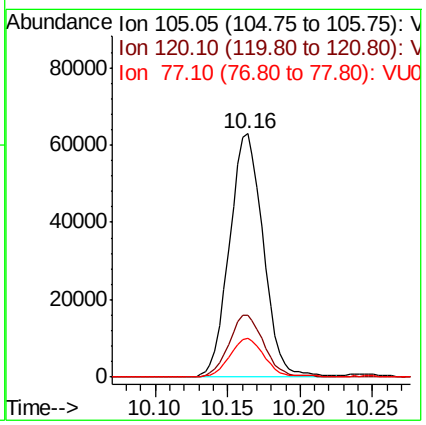


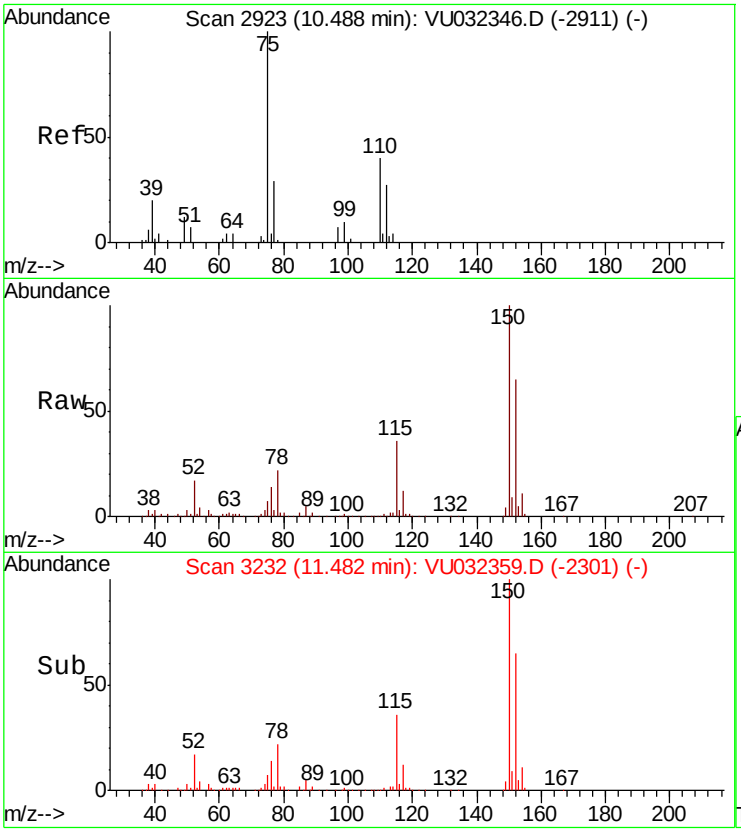


#56
Isopropylbenzene
Concen: 1.881 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion:105 Resp: 101858

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.0	31.6
77	16.2	11.9	17.9



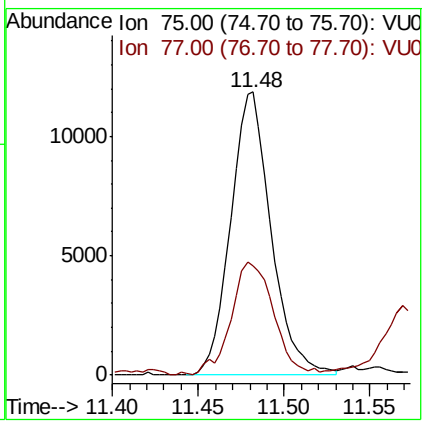


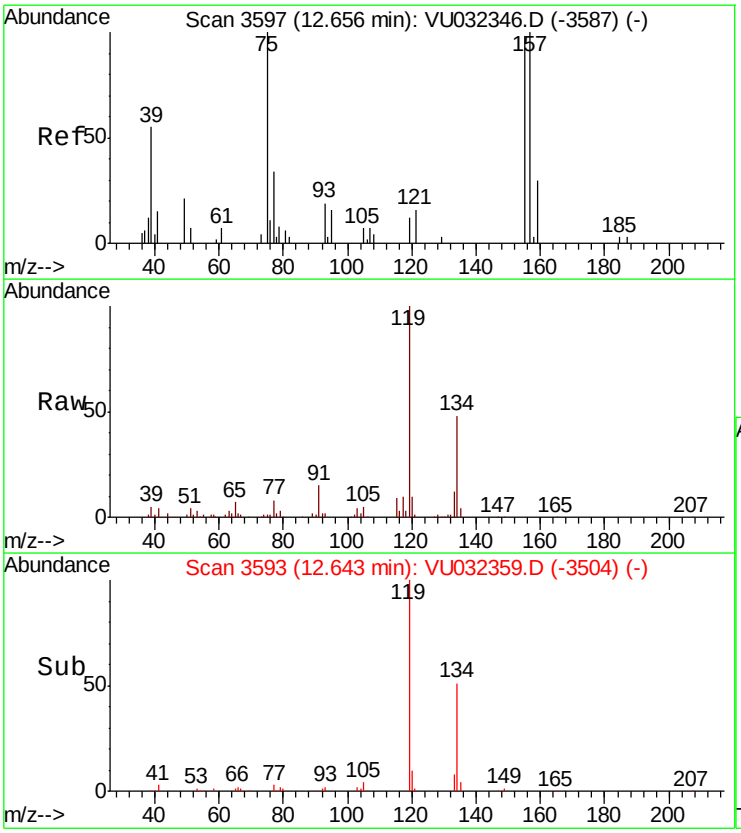
#59
1,2,3-Trichloropropane
Concen: 2.298 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
C0C53

Tgt Ion: 75 Resp: 19419

Ion	Ratio	Lower	Upper
75	100		
77	42.1	28.2	42.4

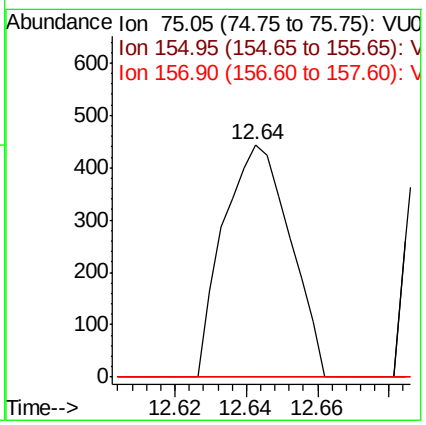


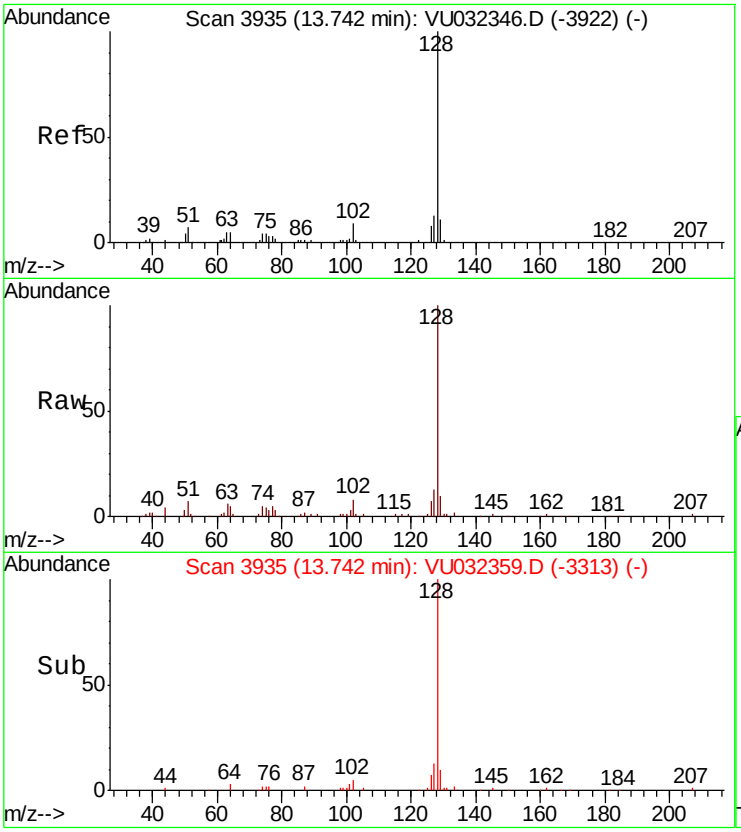


#66
1,2-Dibromo-3-chloropropane
Concen: 0.305 ug/L
RT: 12.64 min Scan# 3593
Delta R.T. -0.01 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion: 75 Resp: 572

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.3	103.9#
157	0.0	90.6	135.8#





#69
Naphthalene
Concen: 3.317 ug/L
RT: 13.74 min Scan# 3935
Delta R.T. -0.00 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
C0C53

Tgt Ion:128 Resp: 77936

Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.2	13.8
127	13.3	11.1	16.7