Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

Quantitation Report (Not Reviewed)

Data File : VU030495.D
Acq On : 27 Mar 2019 19:54
Operator : JC/SP
Sample : K2063-08 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R8

Quant Time: Mar 28 02:49:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	418036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	399613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176262	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	148229	44.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.12%			
7) Chloroethane-d5	1.68	69	121083	45.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.82%			
11) 1,1-Dichloroethene-d2	2.27	63	208831	32.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.44%			
21) 2-Butanone-d5	4.17	46	268016	84.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.75%			
24) Chloroform-d	4.64	84	252856	43.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.24%			
26) 1,2-Dichloroethane-d4	5.31	65	169485	44.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.36%			
32) Benzene-d6	5.34	84	513351	44.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.33	67	181742	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.70%			
41) Toluene-d8	7.56	98	455832	44.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.58%			
43) trans-1,3-Dichloropropene-	7.85	79	78145	42.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.78%			
47) 2-Hexanone-d5	8.31	63	172765	81.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.31%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	238515	42.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.02%			
64) 1,2-Dichlorobenzene-d4	11.86	152	160290	45.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.78%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	1345	0.487	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1787	0.586	ug/L #	21
29) Cyclohexane	4.99	56	26651	4.407	ug/L	99
33) Benzene	5.39	78	74176	5.453	ug/L	100
35) Methylcyclohexane	6.41	83	12650	2.299	ug/L	92
39) cis-1,3-Dichloropropene	7.23	75	4153	0.748	ug/L #	72
42) Toluene	7.63	91	1857592	131.578	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	2988	0.612	ug/L #	56
48) 2-Hexanone	8.37	43	12604	2.372	ug/L #	73
52) Ethylbenzene	9.25	91	455458	29.781	ug/L	99
53) m,p-Xylene	9.37	106	557950	101.040	ug/L	100
54) o-xylene	9.77	106	263102	48.830	ug/L	100
55) Styrene	9.78	104	33814	3.643	ug/L #	1
56) Isopropylbenzene	10.16	105	14769	1.035	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	24335	5.179	ug/L	97
69) Naphthalene	13.74	128	74324	5.575	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

Quantitation Report (Not Reviewed)

Data File : VU030495.D
Acq On : 27 Mar 2019 19:54
Operator : JC/SP
Sample : K2063-08 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R8

Quant Time: Mar 28 02:49:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 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\VU032719\

Quantitation Report (Not Reviewed)

Data File : VU030495.D
Acq On : 27 Mar 2019 19:54
Operator : JC/SP
Sample : K2063-08 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
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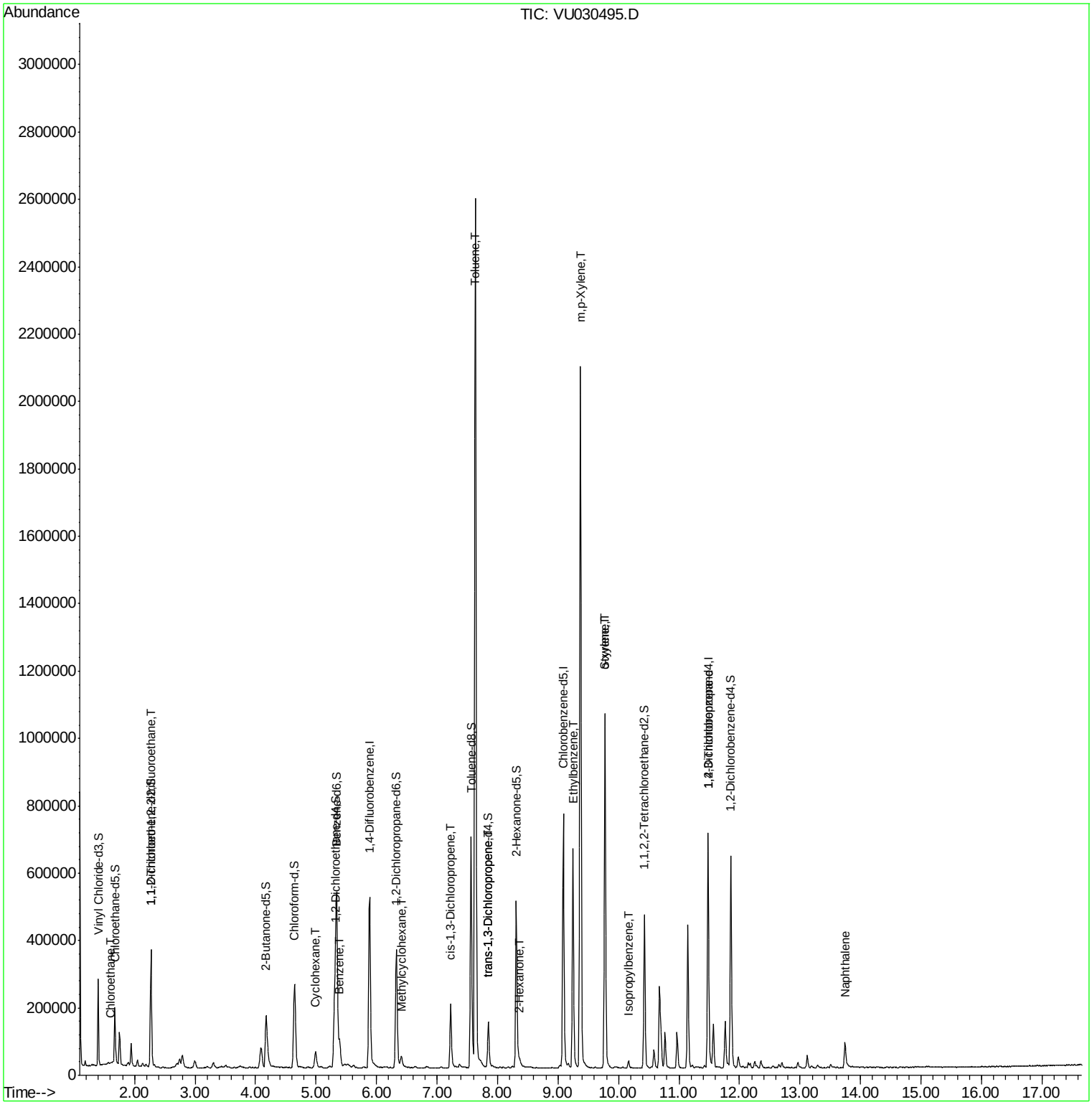
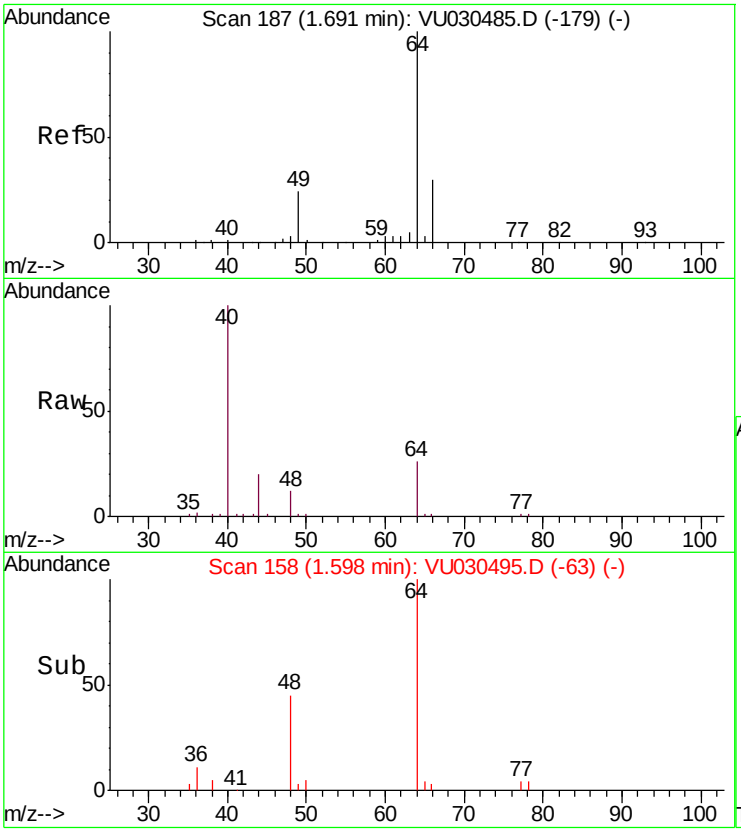
Quant Time: Mar 28 02:49:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration



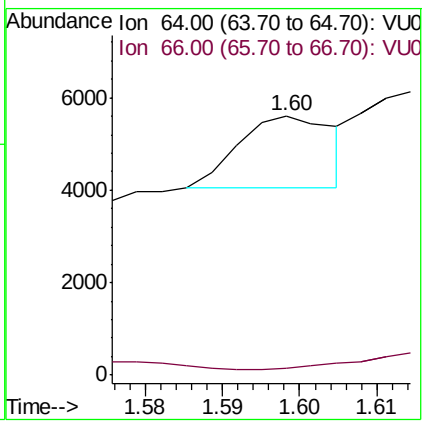


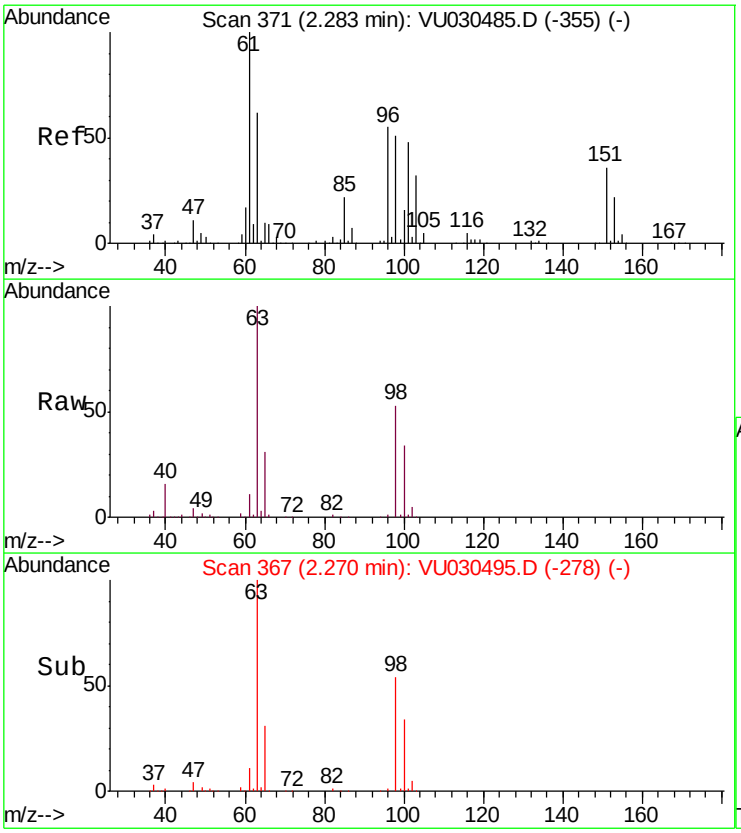
#8
Chloroethane
Concen: 0.487 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.09 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument : MSVOA_U
ClientSampleId : DB6R8

Tgt Ion: 64 Resp: 1345

Ion	Ratio	Lower	Upper
64	100		
66	2.9	22.5	41.7#

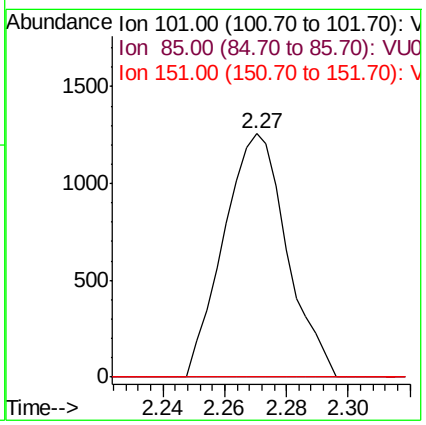


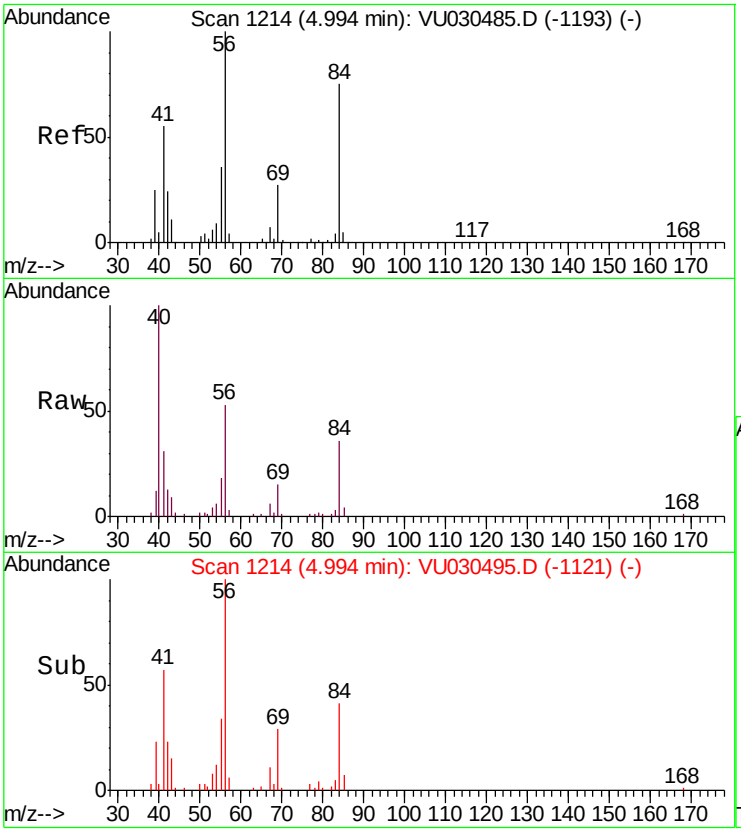


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.586 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion:101 Resp: 1787

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#



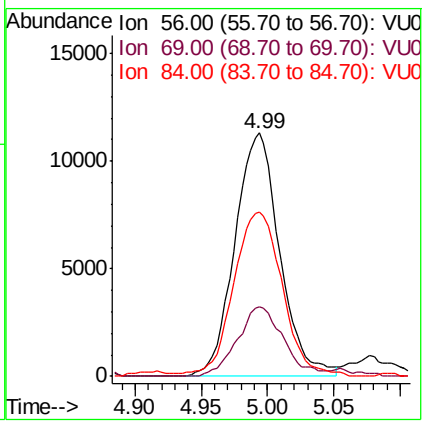


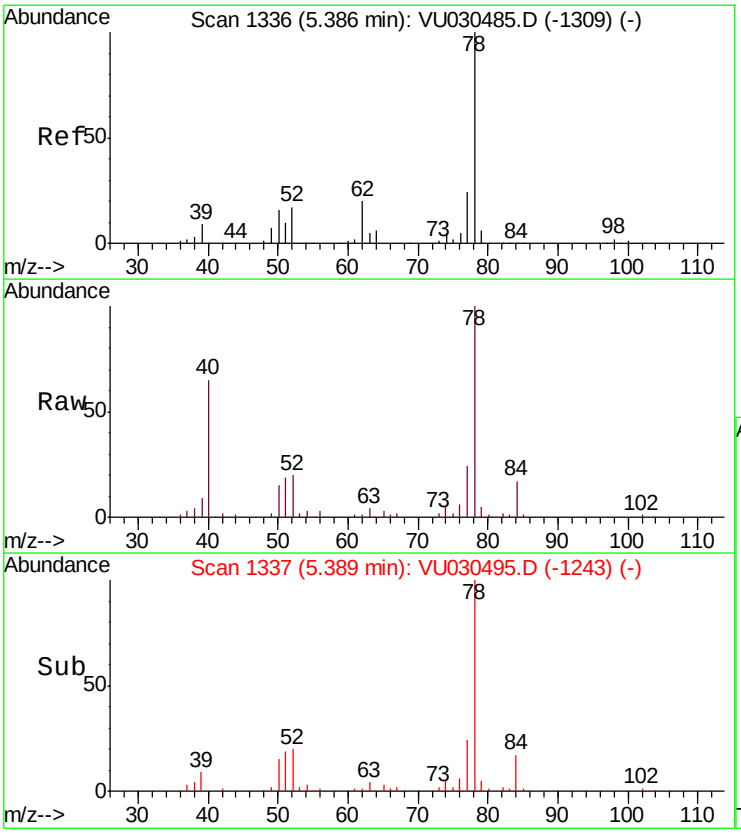
#29
Cyclohexane
Concen: 4.407 ug/L
RT: 4.99 min Scan# 1214
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument :
MSVOA_U
ClientSampleId :
DB6R8

Tgt Ion: 56 Resp: 26651

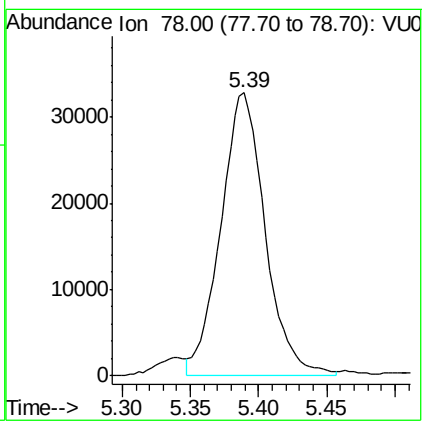
Ion	Ratio	Lower	Upper
56	100		
69	27.9	22.9	34.3
84	73.3	58.9	88.3

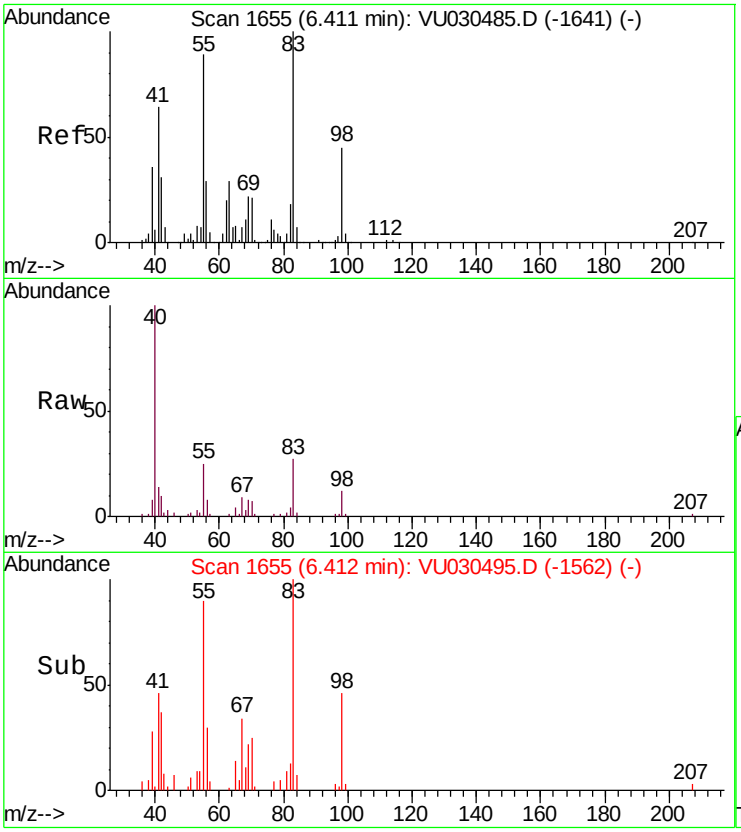




#33
Benzene
Concen: 5.453 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion: 78 Resp: 74176



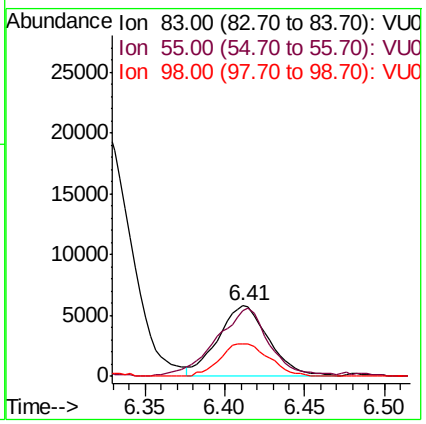


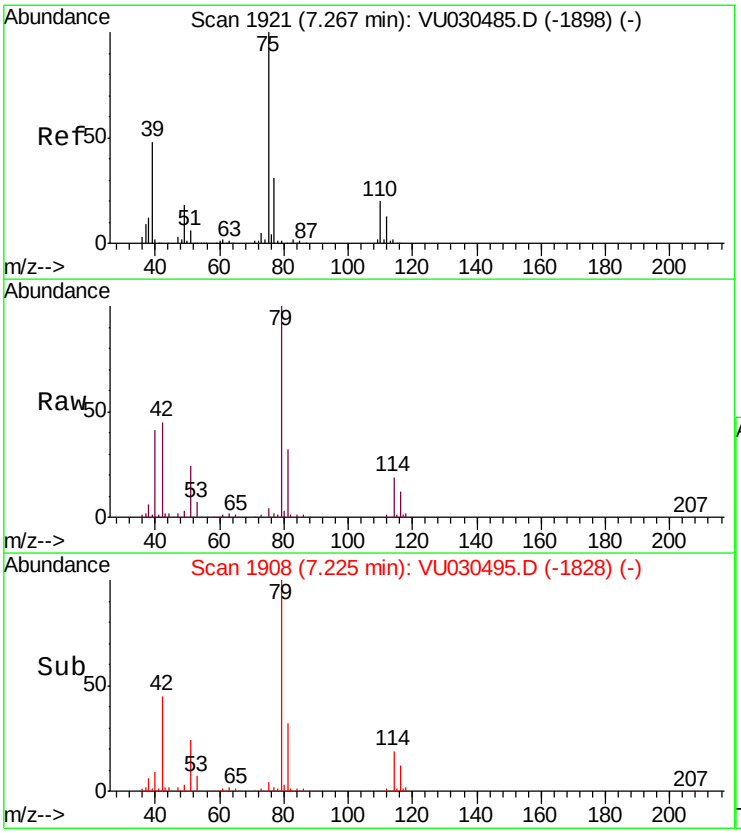
#35
Methylcyclohexane
Concen: 2.299 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument :
MSVOA_U
ClientSampleId :
DB6R8

Tgt Ion: 83 Resp: 12650

Ion	Ratio	Lower	Upper
83	100		
55	99.9	71.4	107.0
98	44.0	36.0	54.0

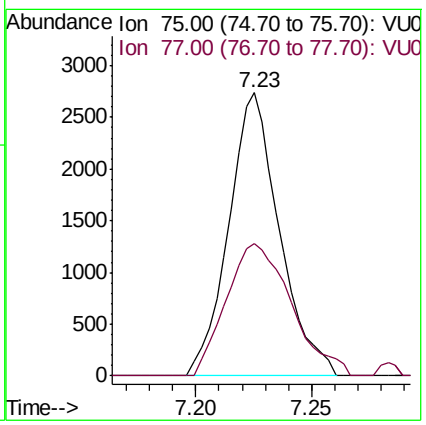


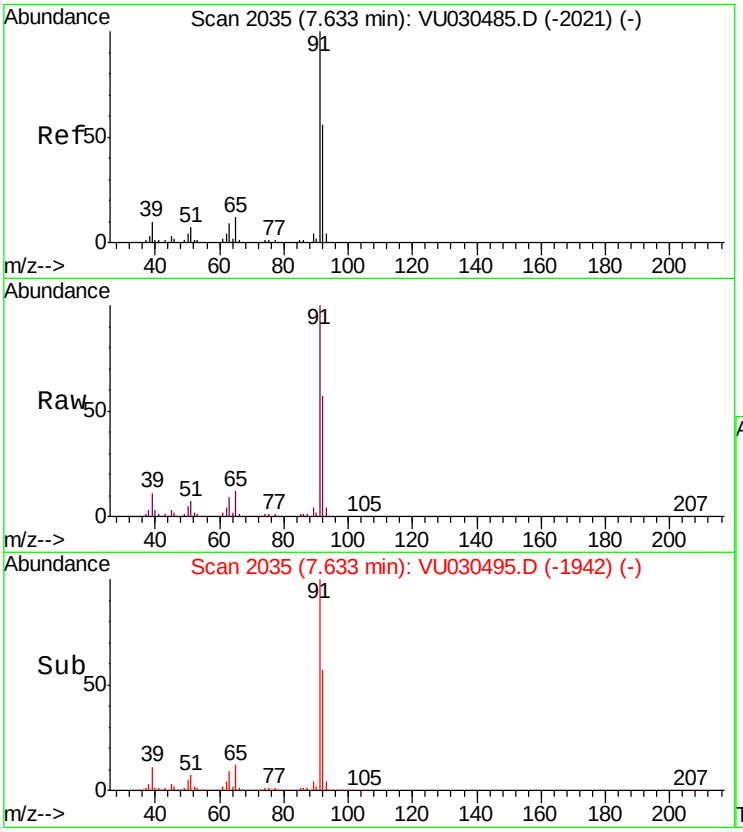


#39
cis-1,3-Dichloropropene
Concen: 0.748 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion: 75 Resp: 4153

Ion	Ratio	Lower	Upper
75	100		
77	46.7	21.8	40.6#



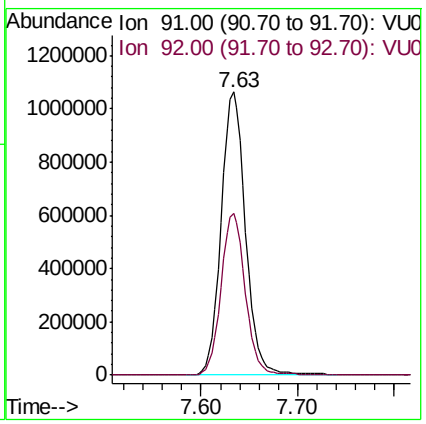


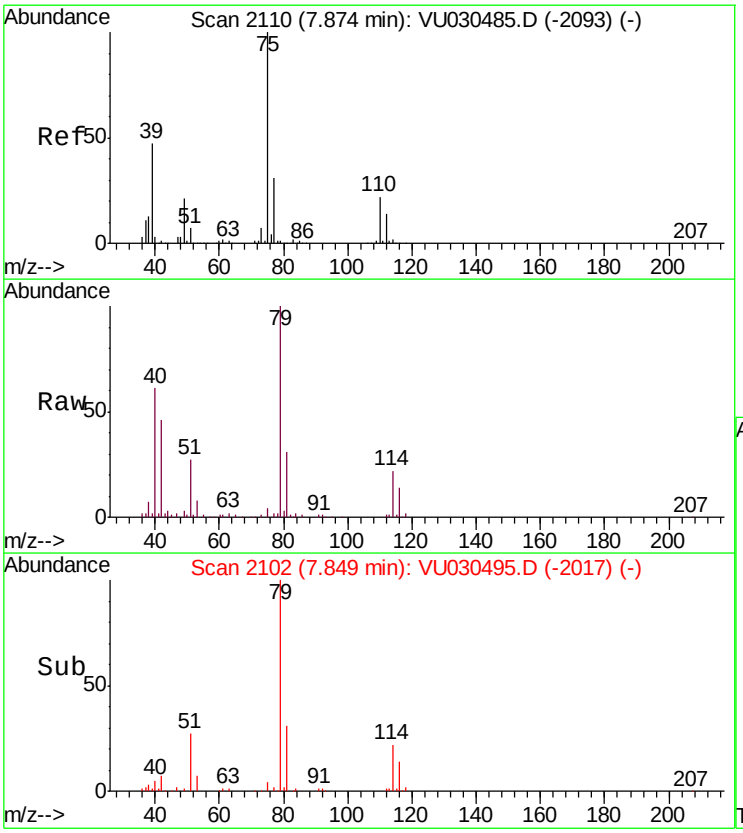
#42
Toluene
Concen: 131.578 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument :
MSVOA_U
ClientSampleId :
DB6R8

Tgt Ion: 91 Resp: 1857592

Ion	Ratio	Lower	Upper
91	100		
92	57.3	39.7	73.7

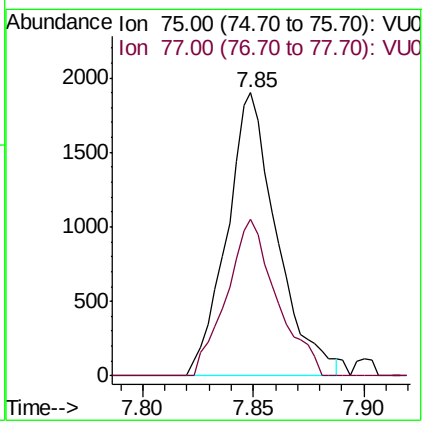


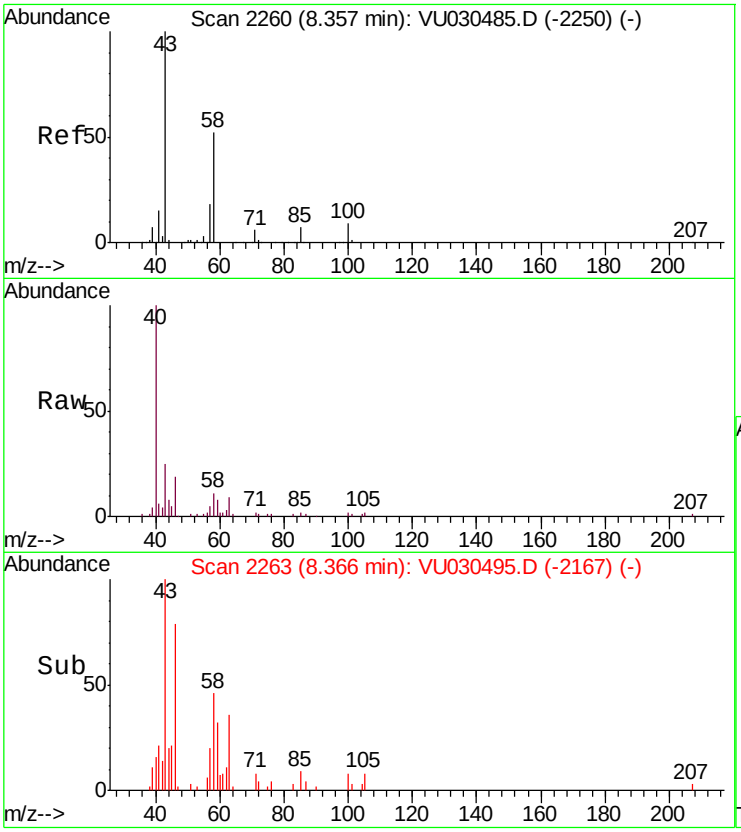


#44
trans-1,3-Dichloropropene
Concen: 0.612 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion: 75 Resp: 2988

Ion	Ratio	Lower	Upper
75	100		
77	55.5	22.0	40.8#



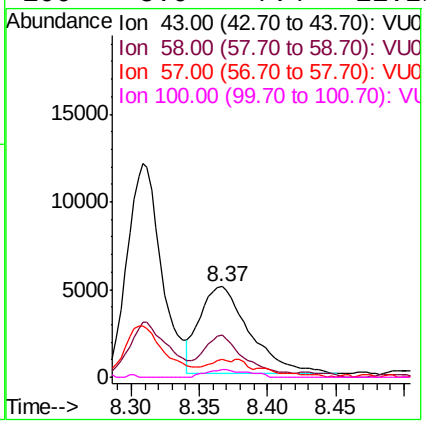


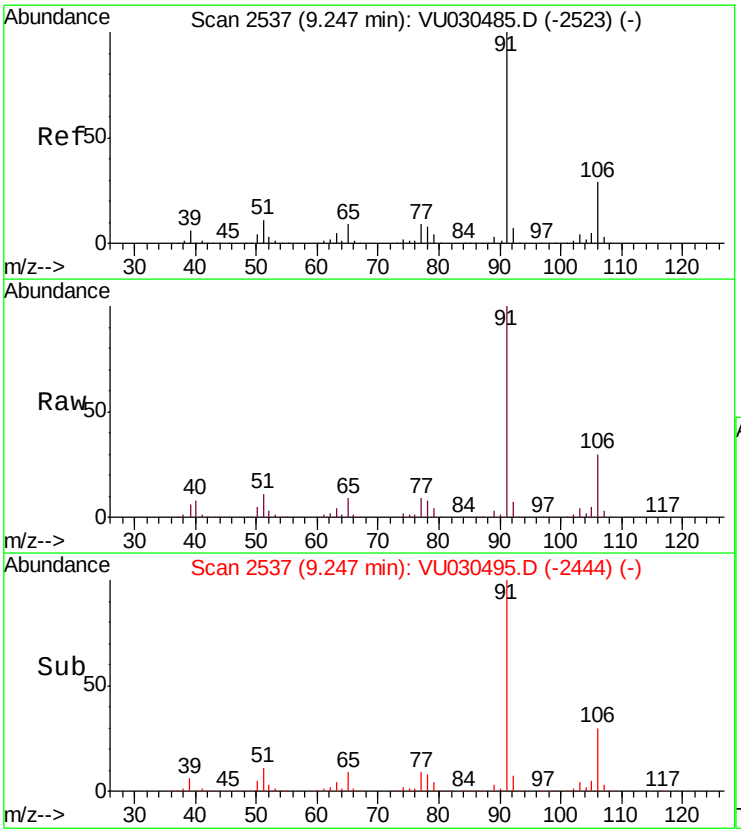
#48
2-Hexanone
Concen: 2.372 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument : MSVOA_U
ClientSampleId : DB6R8

Tgt Ion: 43 Resp: 12604

Ion	Ratio	Lower	Upper
43	100		
58	33.8	42.5	63.7#
57	3.9	15.0	22.6#
100	5.0	7.4	11.2#

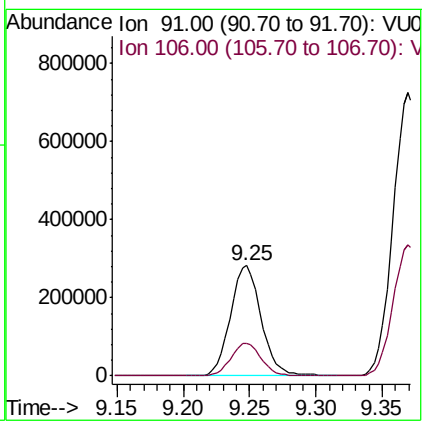


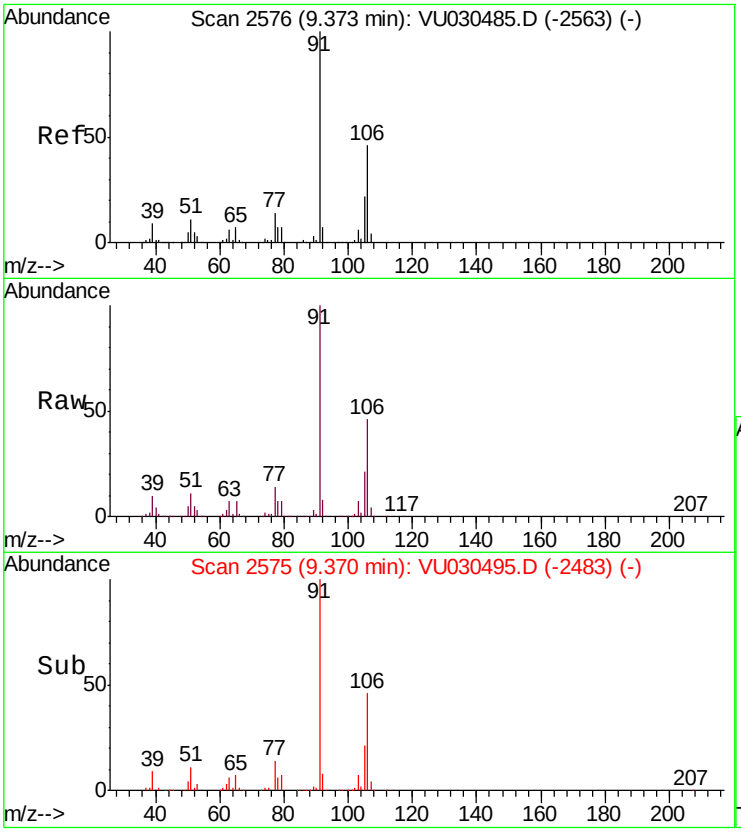


#52
Ethylbenzene
Concen: 29.781 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion: 91 Resp: 455458

Ion	Ratio	Lower	Upper
91	100		
106	29.9	20.6	38.2



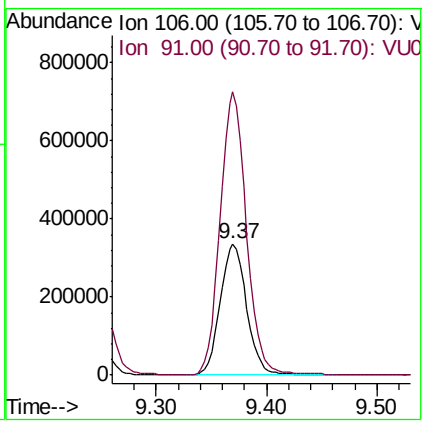


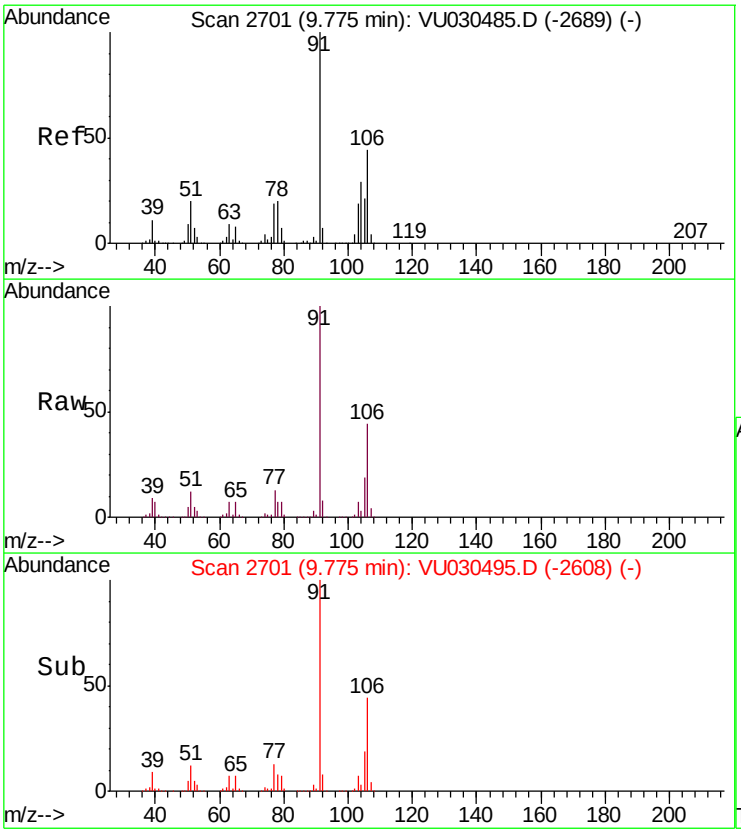
#53
m,p-Xylene
Concen: 101.040 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument :
MSVOA_U
ClientSampleId :
DB6R8

Tgt Ion:106 Resp: 557950

Ion	Ratio	Lower	Upper
106	100		
91	215.6	151.2	280.8

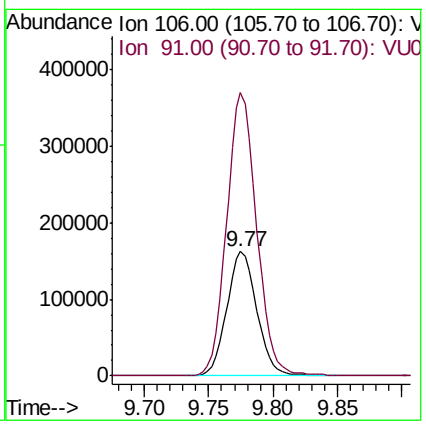


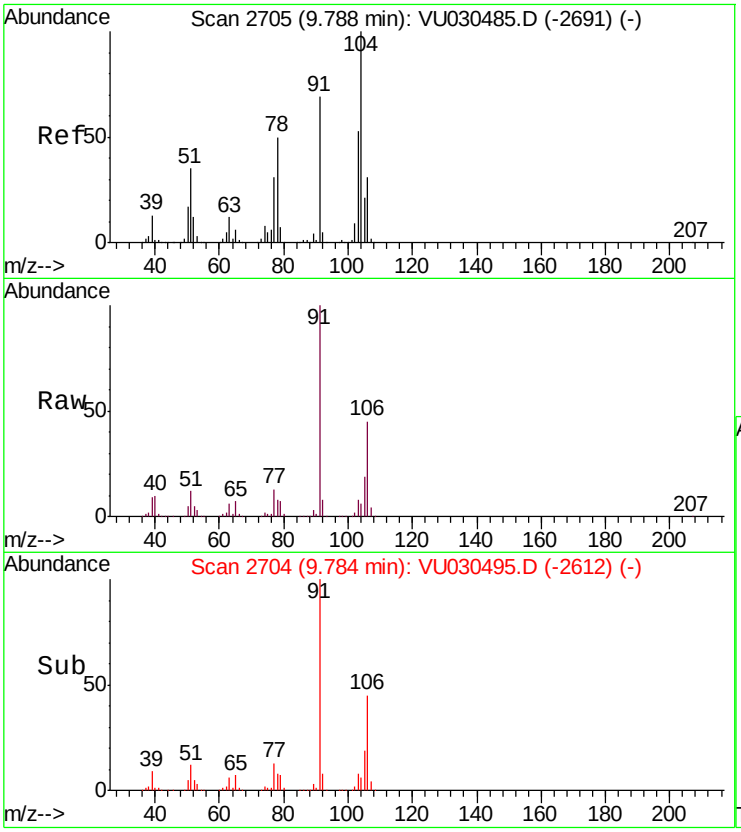


#54
o-xylene
Concen: 48.830 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion:106 Resp: 263102

Ion	Ratio	Lower	Upper
106	100		
91	227.5	159.6	296.4



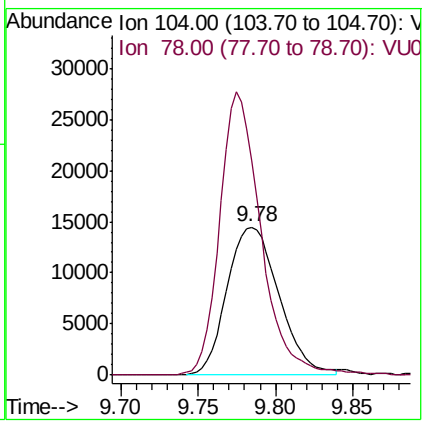


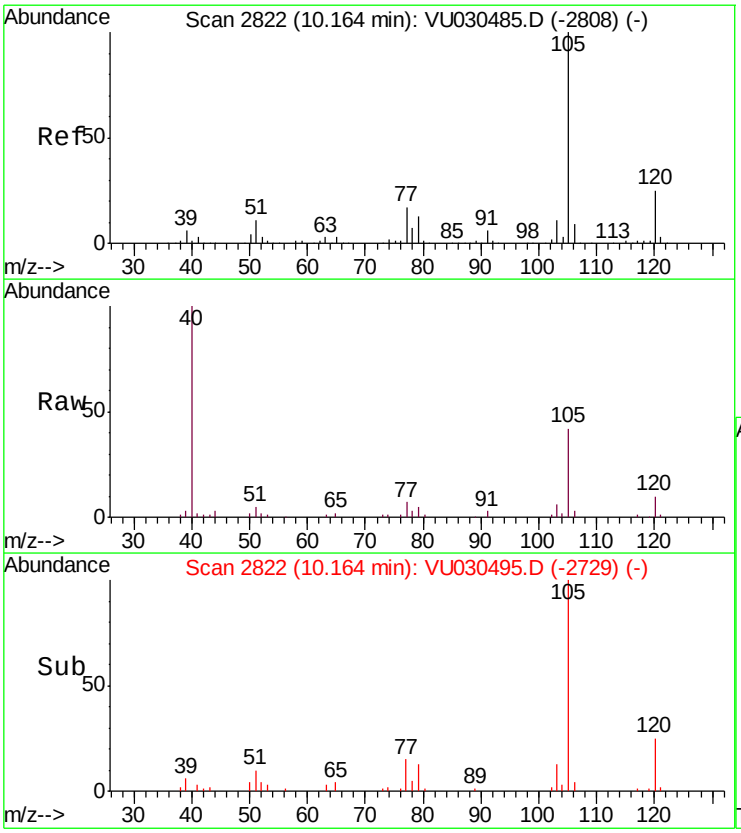
#55
Styrene
Concen: 3.643 ug/L
RT: 9.78 min Scan# 2704
Delta R.T. -0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument : MSVOA_U
ClientSampleId : DB6R8

Tgt Ion:104 Resp: 33814

Ion	Ratio	Lower	Upper
104	100		
78	144.1	35.1	65.3#

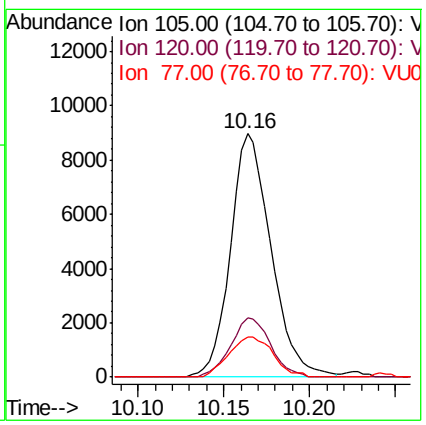


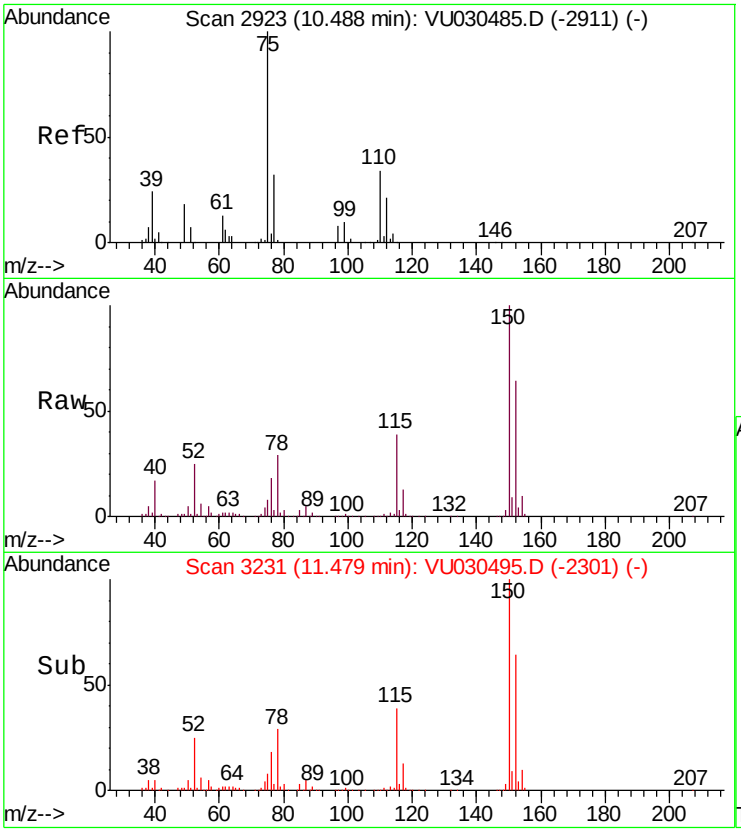


#56
Isopropylbenzene
Concen: 1.035 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion:105 Resp: 14769

Ion	Ratio	Lower	Upper
105	100		
120	23.9	20.2	30.2
77	17.8	13.2	19.8



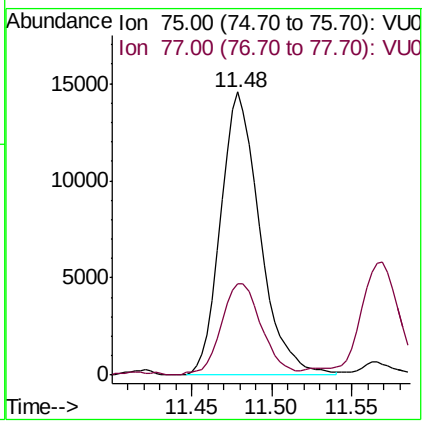


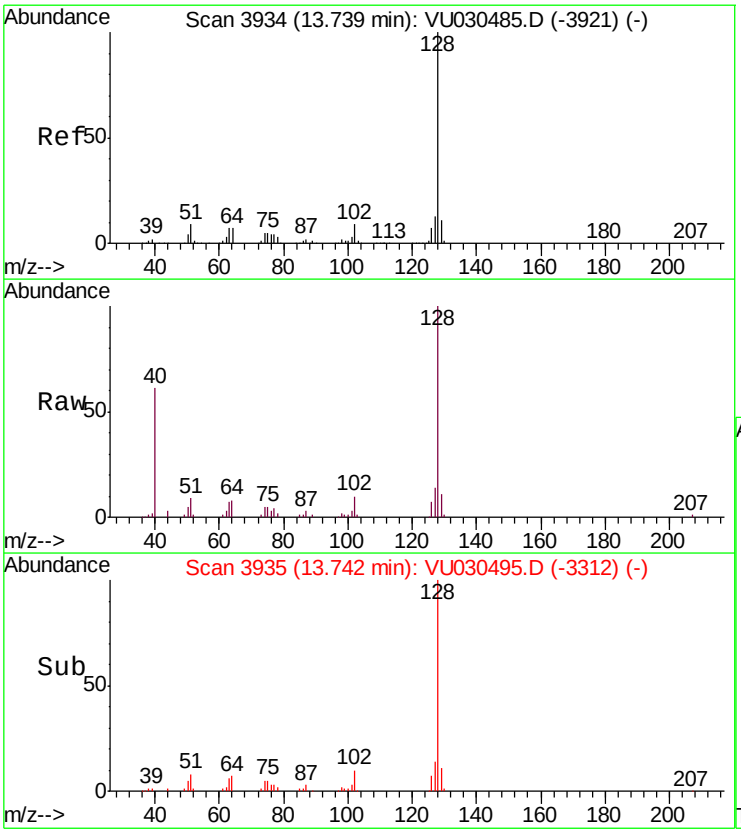
#59
1,2,3-Trichloropropane
Concen: 5.179 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument : MSVOA_U
ClientSampleId : DB6R8

Tgt Ion: 75 Resp: 24335

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.2





#69
Naphthalene
Concen: 5.575 ug/L
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion:128 Resp: 74324

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.4	15.6
129	10.8	8.4	12.6