Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031262.D
Acq On : 17 Apr 2019 16:13
Operator : JC/SP
Sample : K2455-05 5X
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

Quant Time: Apr 18 04:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	627069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	649562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	335522	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	169169	29.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 58.58%#			
7) Chloroethane-d5	1.68	69	151910	30.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 60.60%#			
11) 1,1-Dichloroethene-d2	2.26	63	283121	24.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 49.50%#			
21) 2-Butanone-d5	4.20	46	305202	72.56	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 72.56%			
24) Chloroform-d	4.64	84	340325	35.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.64%			
26) 1,2-Dichloroethane-d4	5.31	65	191380	32.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 64.50%#			
32) Benzene-d6	5.33	84	650118	31.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 63.32%#			
36) 1,2-Dichloropropane-d6	6.32	67	216880	32.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 65.08%#			
41) Toluene-d8	7.56	98	582863	32.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 64.52%#			
43) trans-1,3-Dichloropropene-	7.85	79	116109	36.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.90%			
47) 2-Hexanone-d5	8.32	63	268068	85.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.21%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	366388	39.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	251302	32.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 65.32%#			
Target Compounds						Qvalue
33) Benzene	5.39	78	8597	0.393	ug/L	100
42) Toluene	7.63	91	128500	5.913	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	5004	0.665	ug/L	84
48) 2-Hexanone	8.32	43	29828	4.594	ug/L #	71
52) Ethylbenzene	9.25	91	495055	20.925	ug/L	96
53) m,p-Xylene	9.37	106	1844847	220.968	ug/L	100
54) o-xylene	9.77	106	1321581	156.312	ug/L	98
55) Styrene	9.79	104	1768691	123.928	ug/L	97
56) Isopropylbenzene	10.16	105	37200	1.717	ug/L	97
59) 1,2,3-Trichloropropane	10.51	75	2900	0.421	ug/L #	1
66) 1,2-Dibromo-3-chloropropan	12.65	75	5486	2.465	ug/L #	4
69) Naphthalene	13.66	128	7489	0.355	ug/L #	9

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

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Instrument : MSVOA_U
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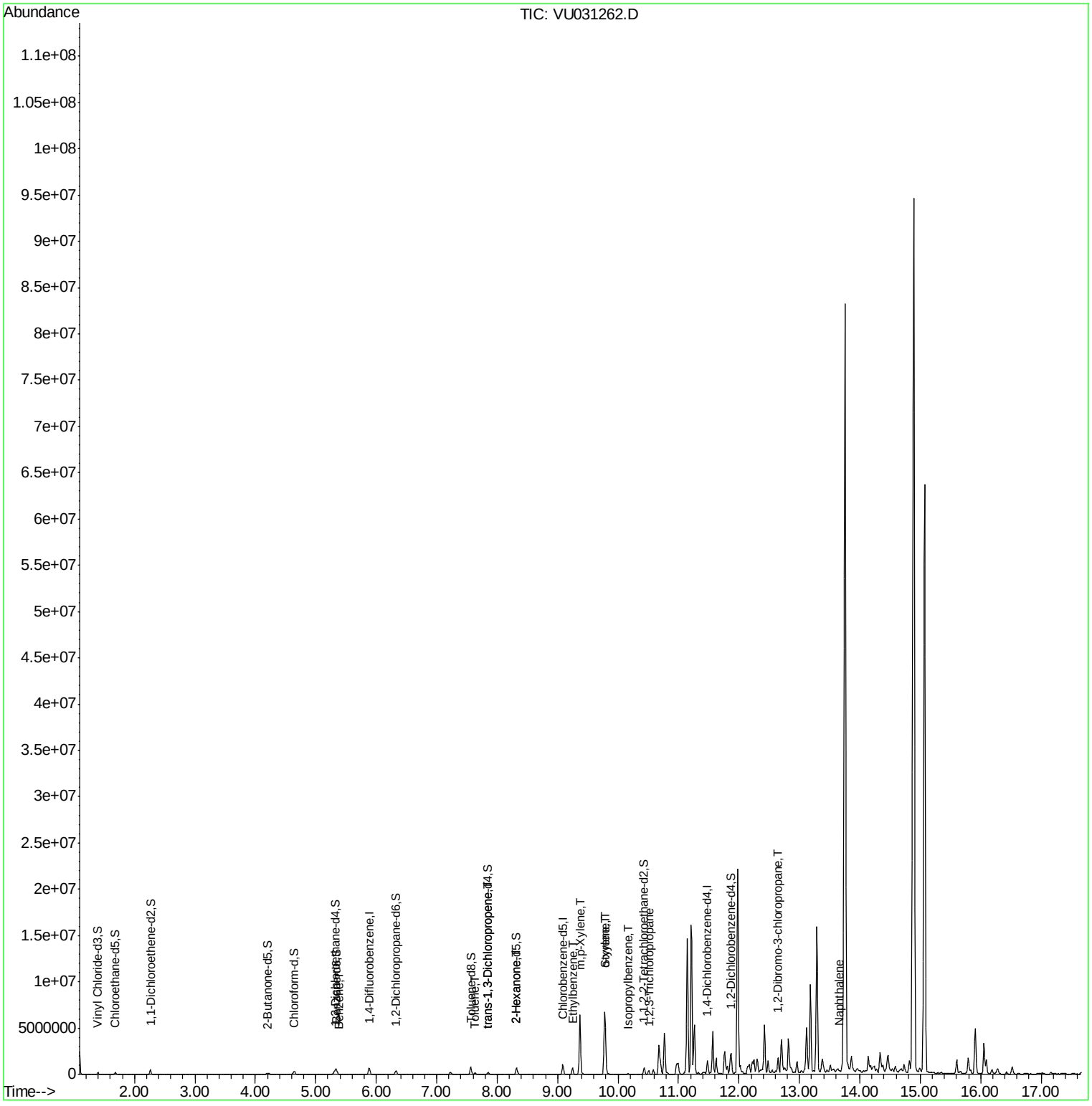
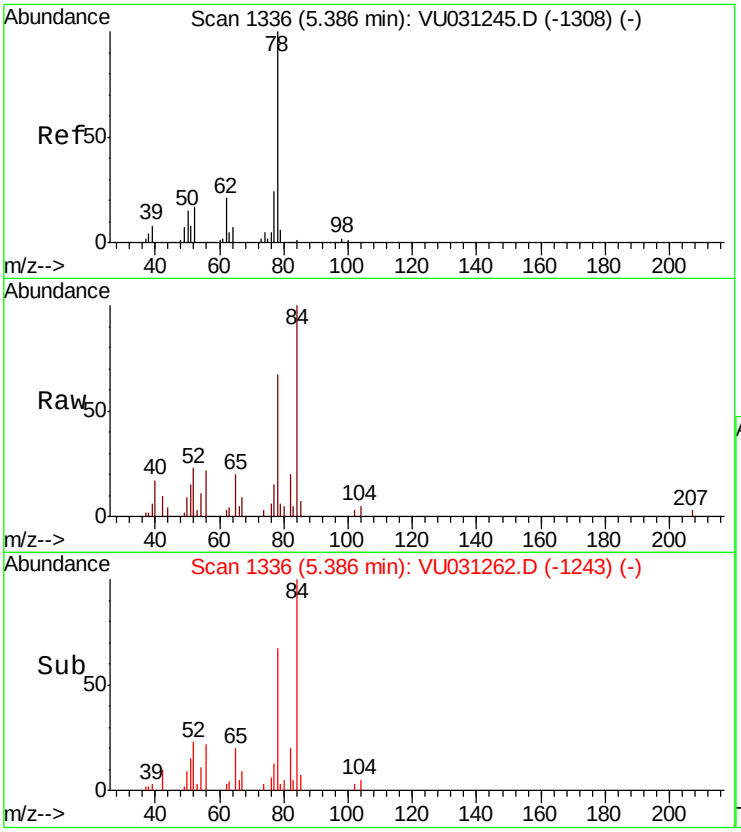
Quant Time: Apr 18 04:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration

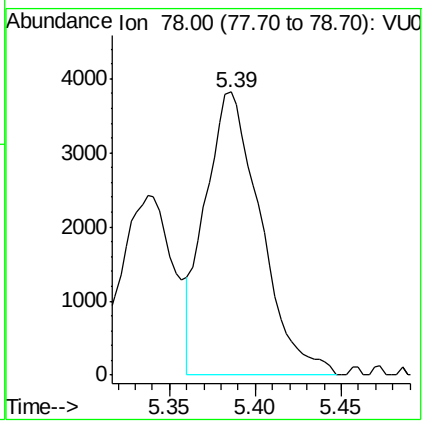


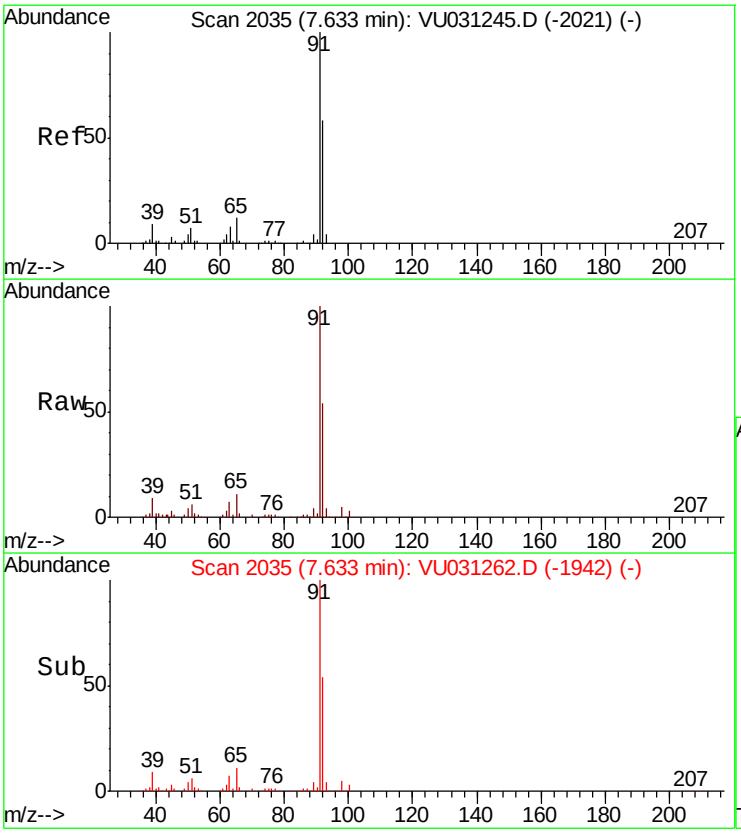


#33
Benzene
Concen: 0.393 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Instrument :
MSVOA_U
ClientSampleId :
GAHQ7

Tgt Ion: 78 Resp: 8597

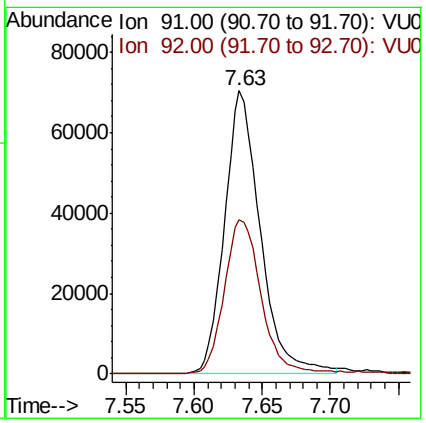


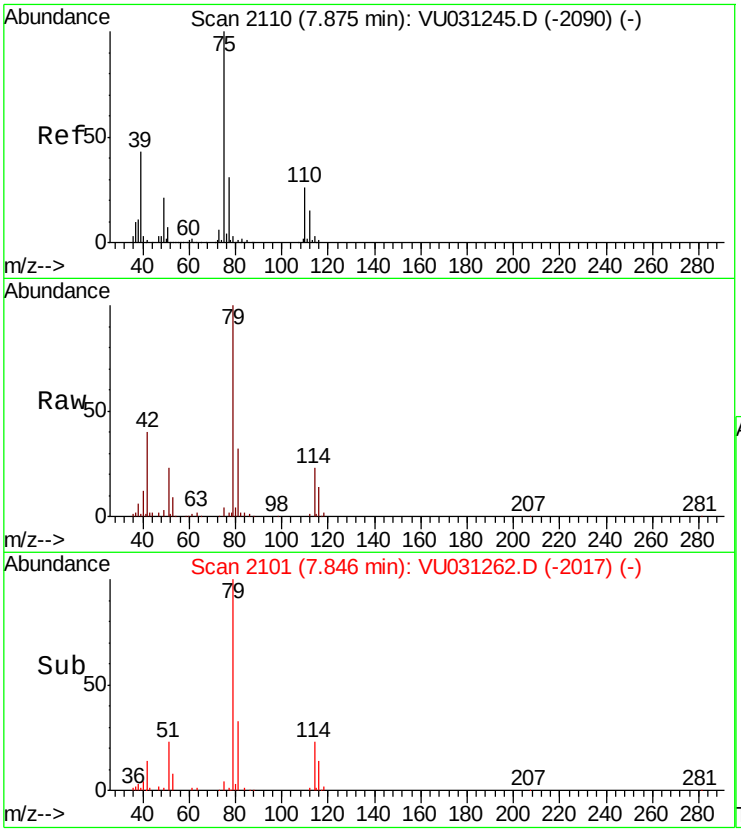


#42
Toluene
Concen: 5.913 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Tgt Ion: 91 Resp: 128500

Ion	Ratio	Lower	Upper
91	100		
92	54.5	40.1	74.5



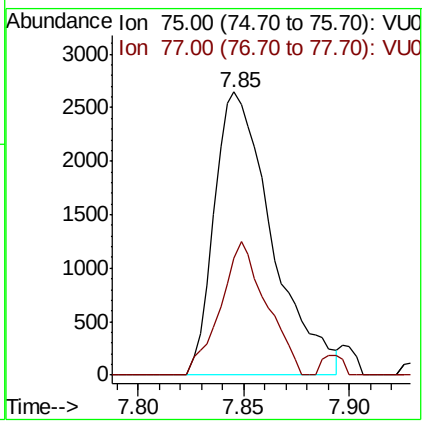


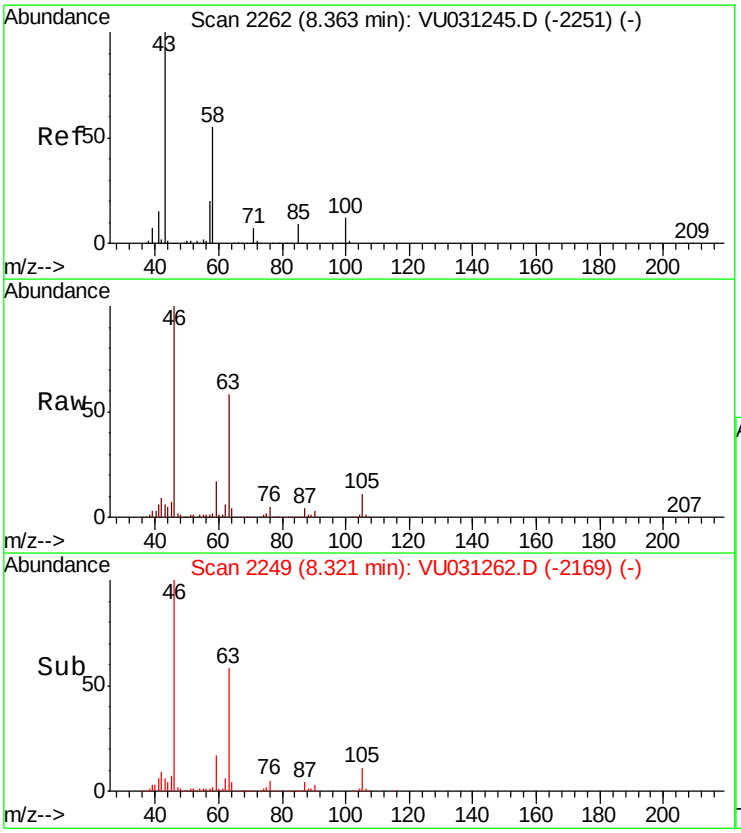
#44
trans-1,3-Dichloropropene
Concen: 0.665 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Instrument : MSVOA_U
ClientSampleId : GAHQ7

Tgt Ion: 75 Resp: 5004

Ion	Ratio	Lower	Upper
75	100		
77	41.4	22.8	42.4

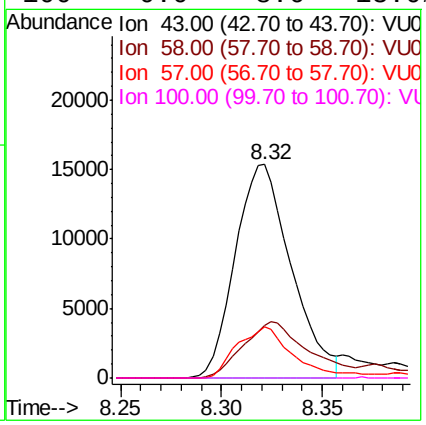


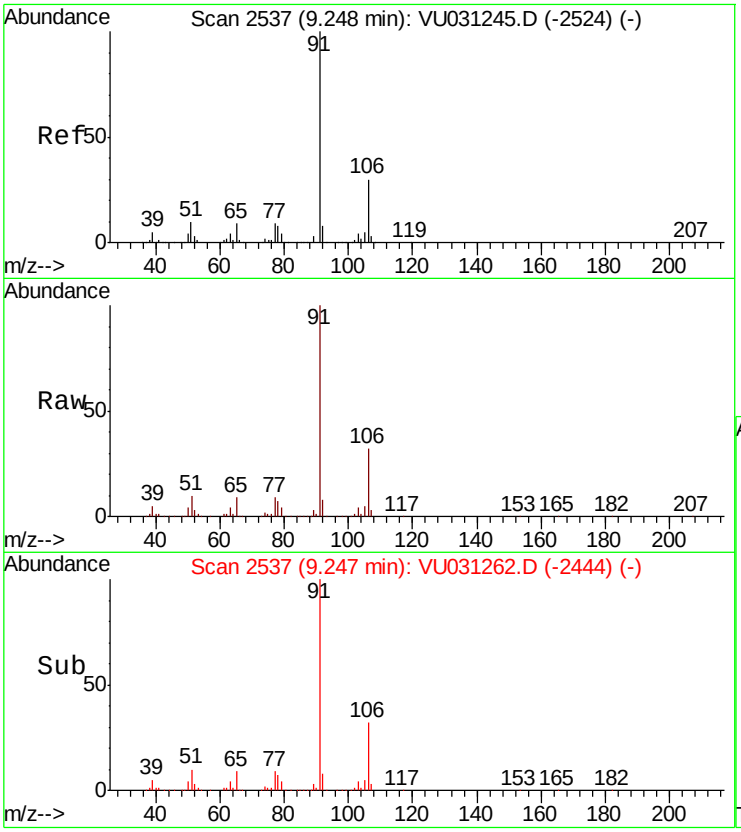


#48
2-Hexanone
Concen: 4.594 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Tgt Ion: 43 Resp: 29828

Ion	Ratio	Lower	Upper
43	100		
58	30.4	44.9	67.3#
57	24.4	15.1	22.7#
100	0.0	8.6	13.0#



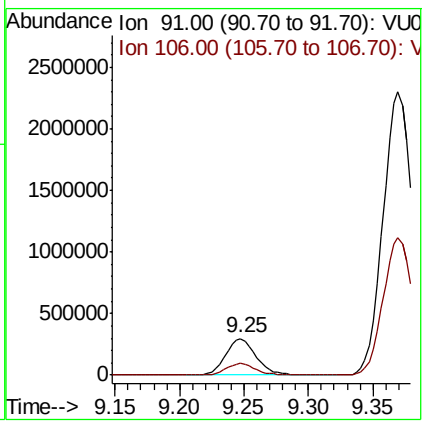


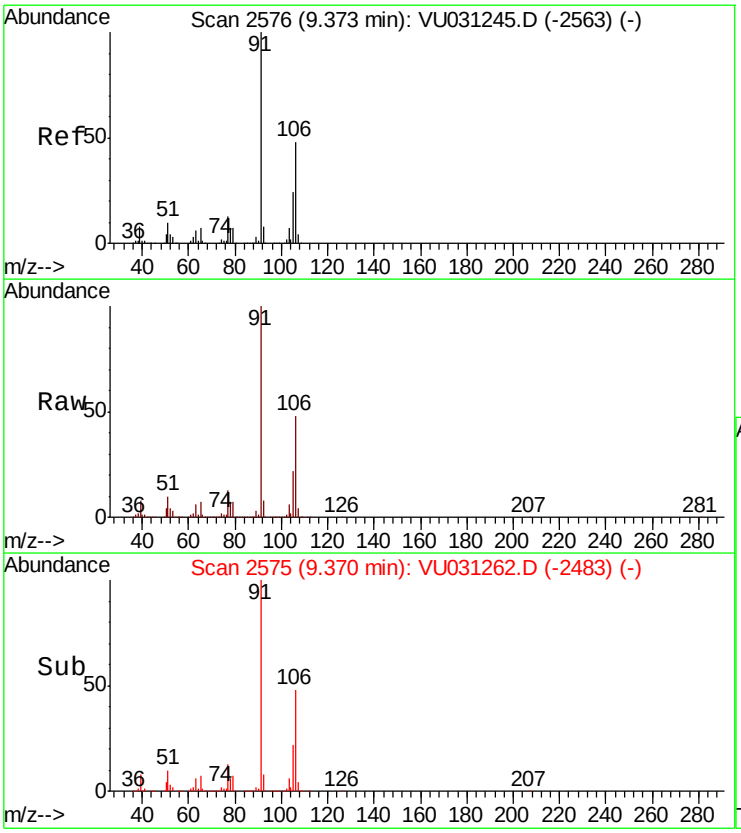
#52
Ethylbenzene
Concen: 20.925 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Instrument : MSVOA_U
ClientSampleId : GAHQ7

Tgt Ion: 91 Resp: 495055

Ion	Ratio	Lower	Upper
91	100		
106	31.7	20.9	38.7

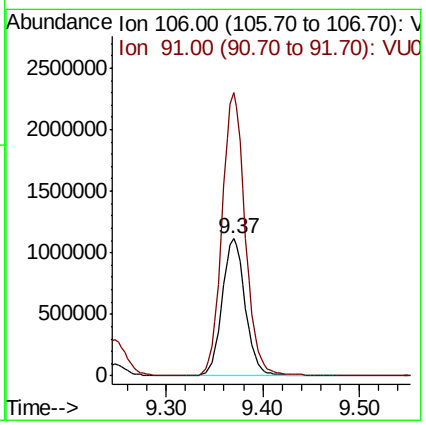


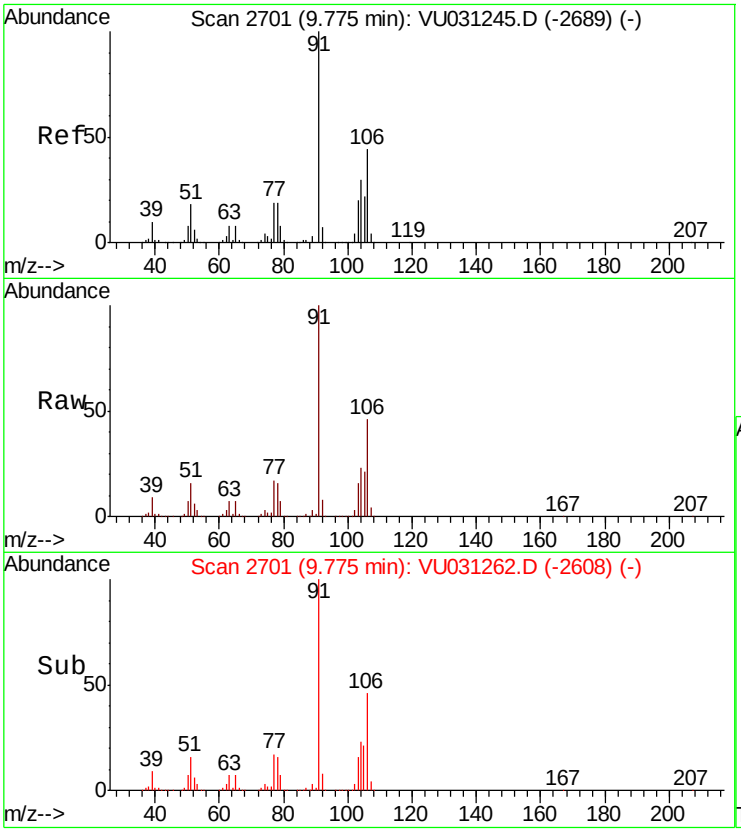


#53
m,p-Xylene
Concen: 220.968 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Tgt Ion:106 Resp: 1844847

Ion	Ratio	Lower	Upper
106	100		
91	206.8	144.5	268.4



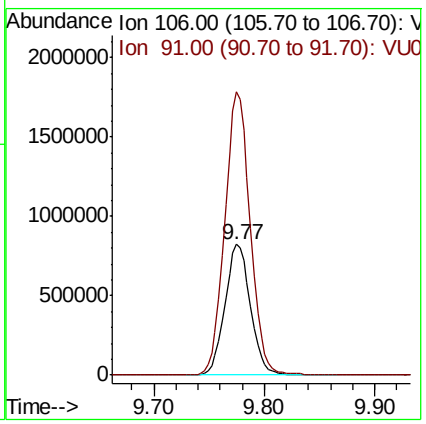


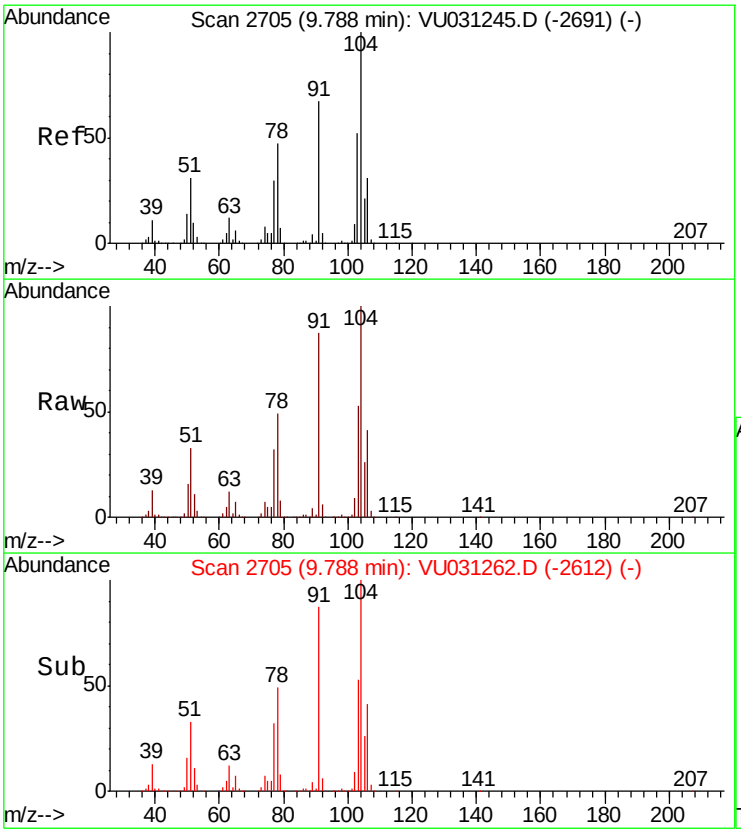
#54
o-xylene
Concen: 156.312 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Instrument :
MSVOA_U
ClientSampleId :
GAHQ7

Tgt Ion:106 Resp: 1321581

Ion	Ratio	Lower	Upper
106	100		
91	216.6	154.3	286.5

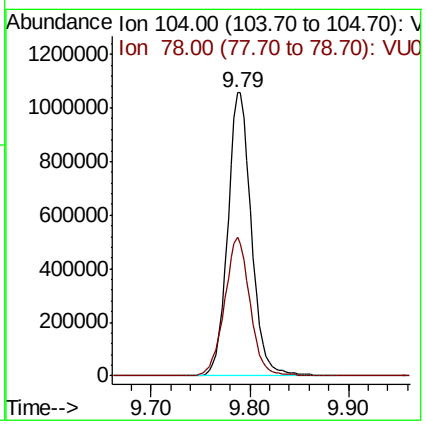


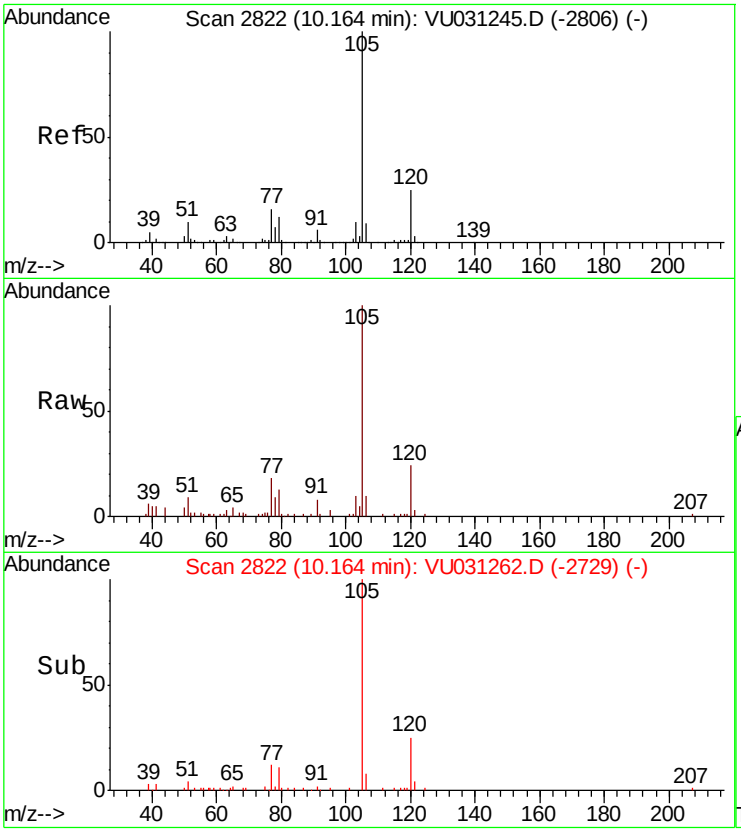


#55
Styrene
Concen: 123.928 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Tgt Ion:104 Resp: 1768691

Ion	Ratio	Lower	Upper
104	100		
78	48.8	32.8	61.0



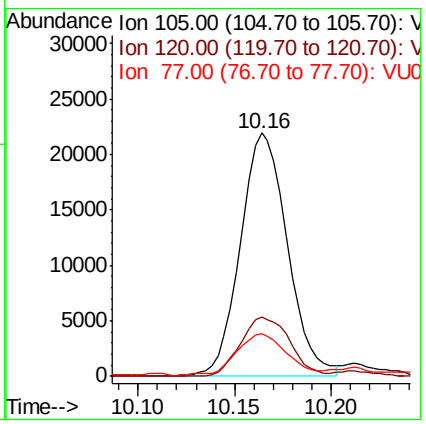


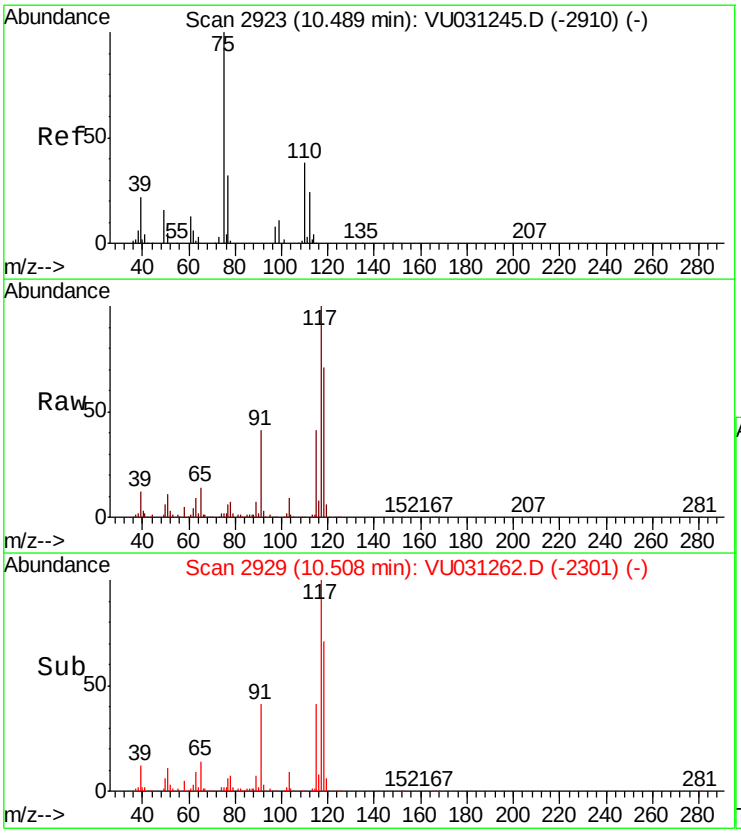
#56
Isopropylbenzene
Concen: 1.717 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Instrument :
MSVOA_U
ClientSampleId :
GAHQ7

Tgt Ion:105 Resp: 37200

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.6	31.0
77	19.3	13.0	19.4

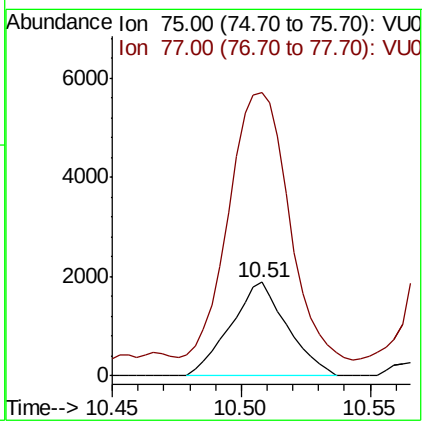


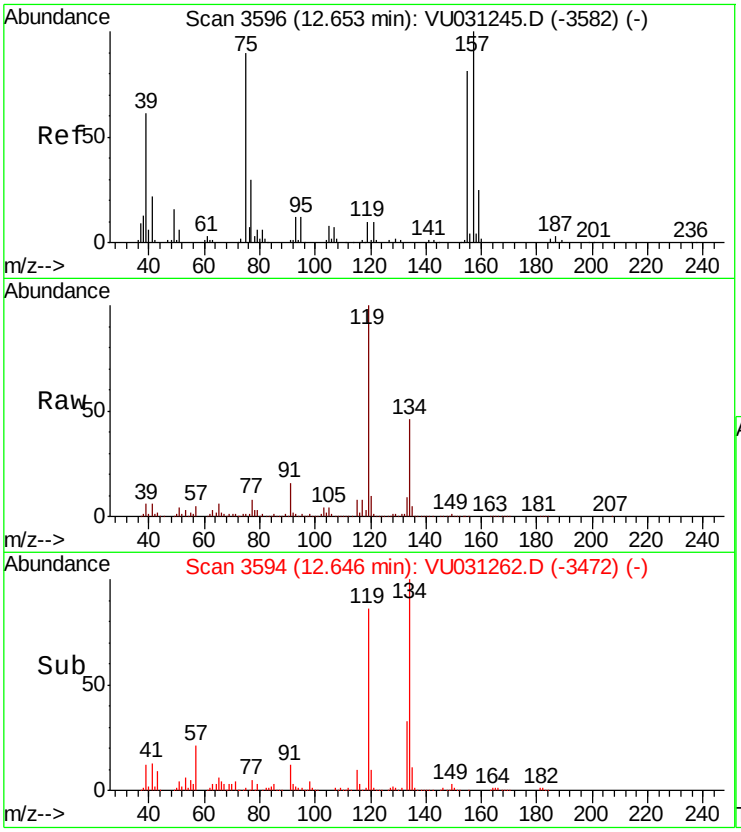


#59
1,2,3-Trichloropropane
Concen: 0.421 ug/L
RT: 10.51 min Scan# 2929
Delta R.T. 0.02 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Tgt Ion: 75 Resp: 2900

Ion	Ratio	Lower	Upper
75	100		
77	318.2	25.4	38.2#



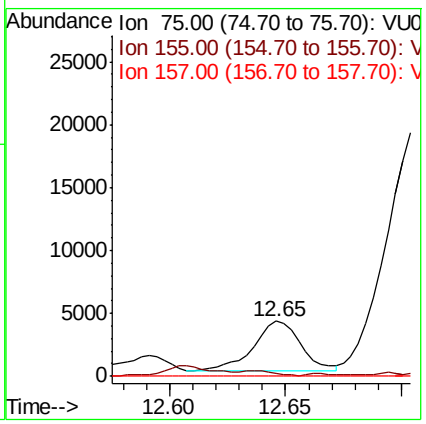


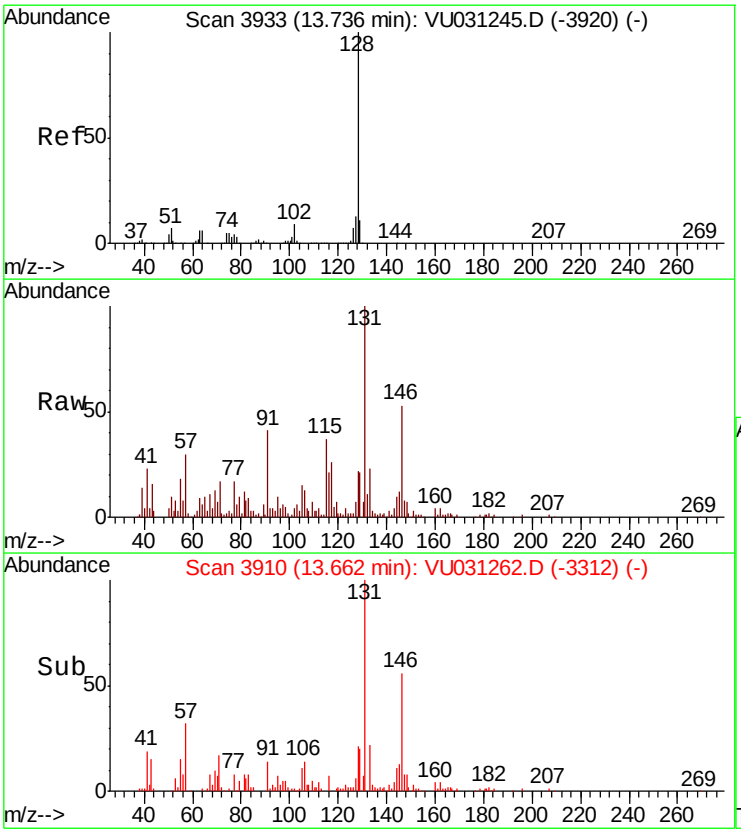
#66
1,2-Dibromo-3-chloropropane
Concen: 2.465 ug/L
RT: 12.65 min Scan# 3594
Delta R.T. -0.01 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Instrument :
MSVOA_U
ClientSampleId :
GAHQ7

Tgt Ion: 75 Resp: 5486

Ion	Ratio	Lower	Upper
75	100		
155	4.8	66.7	100.1#
157	0.0	86.5	129.7#





#69
Naphthalene
Concen: 0.355 ug/L
RT: 13.66 min Scan# 3910
Delta R.T. -0.08 min
Lab File: VU031262.D
Acq: 17 Apr 2019 16:13

Tgt Ion:128 Resp: 7489

Ion	Ratio	Lower	Upper
128	100		
127	24.1	10.3	15.5#
129	73.8	8.2	12.2#