Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\

Quantitation Report (Not Reviewed)

Data File : VU032903.D
Acq On : 20 Jun 2019 15:26
Operator : JC/SP
Sample : K3413-19DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALG7DL

Quant Time: Jun 21 05:32:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 05:28:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	83522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	82686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45804	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	22464	4.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.80%			
7) Chloroethane-d5	1.68	69	20602	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.27	63	37112	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.40%			
20) 2-Butanone-d5	4.19	46	98267	64.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.68%			
24) Chloroform-d	4.64	84	55314	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.60%			
26) 1,2-Dichloroethane-d4	5.30	65	33367	6.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 131.40%#			
32) Benzene-d6	5.33	84	100591	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.32	67	33810	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.80%			
41) Toluene-d8	7.56	98	90905	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	7.85	79	14118	5.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.20%			
46) 2-Hexanone-d5	8.31	63	75250	55.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.94%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31257	5.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	42246	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
13) Acetone	2.31	43	5242	4.457	ug/L	66
15) Methyl Acetate	2.62	43	765	0.237	ug/L #	53
27) 1,2-Dichloroethane	5.39	62	842	0.122	ug/L #	76
30) Cyclohexane	4.98	56	11407	1.071	ug/L	92
33) Benzene	5.38	78	79589	3.265	ug/L	100
35) Methylcyclohexane	6.40	83	4412	0.391	ug/L #	82
37) 1,2-Dichloropropane	6.32	63	4128	0.654	ug/L #	89
42) Toluene	7.63	91	1615804	59.470	ug/L	98
52) Ethylbenzene	9.24	91	229729	7.672	ug/L	98
53) m,p-Xylene	9.37	106	220379	19.413	ug/L	96
54) o-Xylene	9.77	106	106173	9.371	ug/L	96
55) Styrene	9.77	104	6737	0.361	ug/L #	1
56) Isopropylbenzene	10.16	105	5726	0.192	ug/L	96
59) 1,2,3-Trichloropropane	10.67	75	664	0.160	ug/L #	1
69) Naphthalene	13.75	128	16414	0.969	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\

Quantitation Report (Not Reviewed)

Data File : VU032903.D
Acq On : 20 Jun 2019 15:26
Operator : JC/SP
Sample : K3413-19DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL

Quant Time: Jun 21 05:32:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 05:28:00 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\VU062019\

Quantitation Report (Not Reviewed)

Data File : VU032903.D
Acq On : 20 Jun 2019 15:26
Operator : JC/SP
Sample : K3413-19DL 200X
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Quant Time: Jun 21 05:32:42 2019
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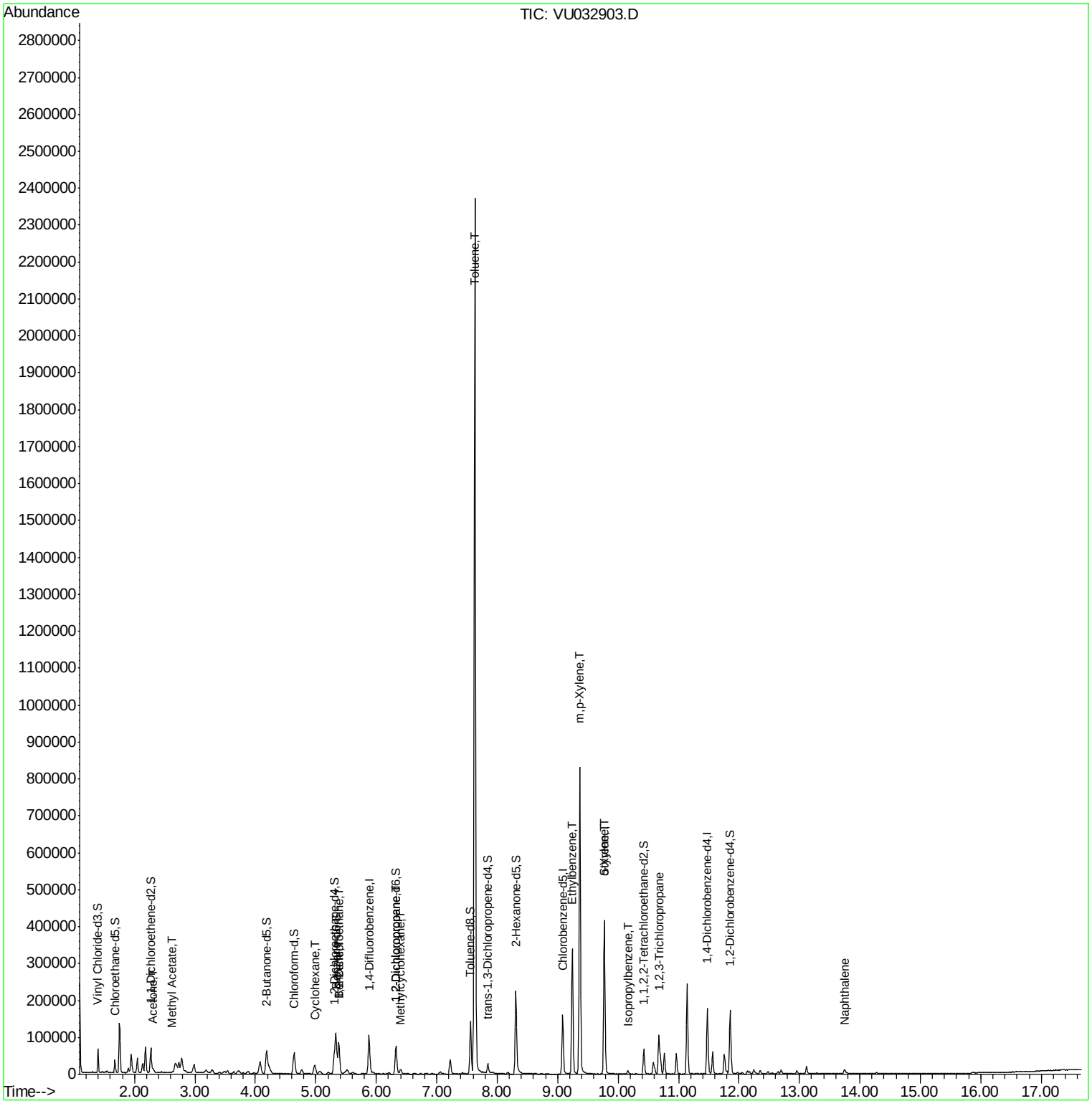
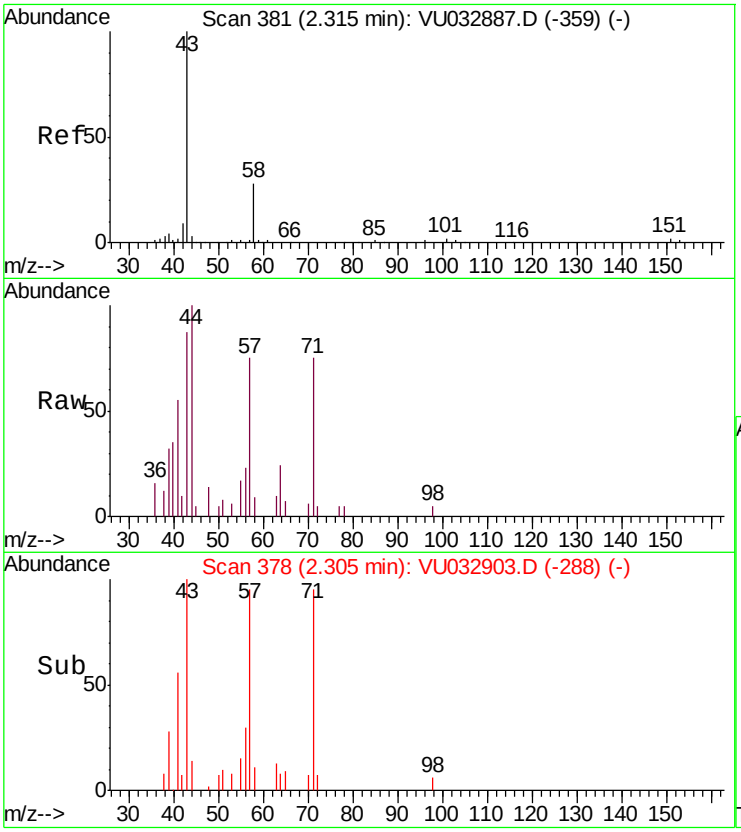
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 05:28:00 2019
Response via : Initial Calibration



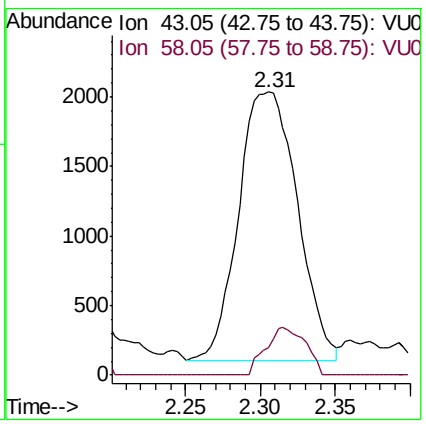


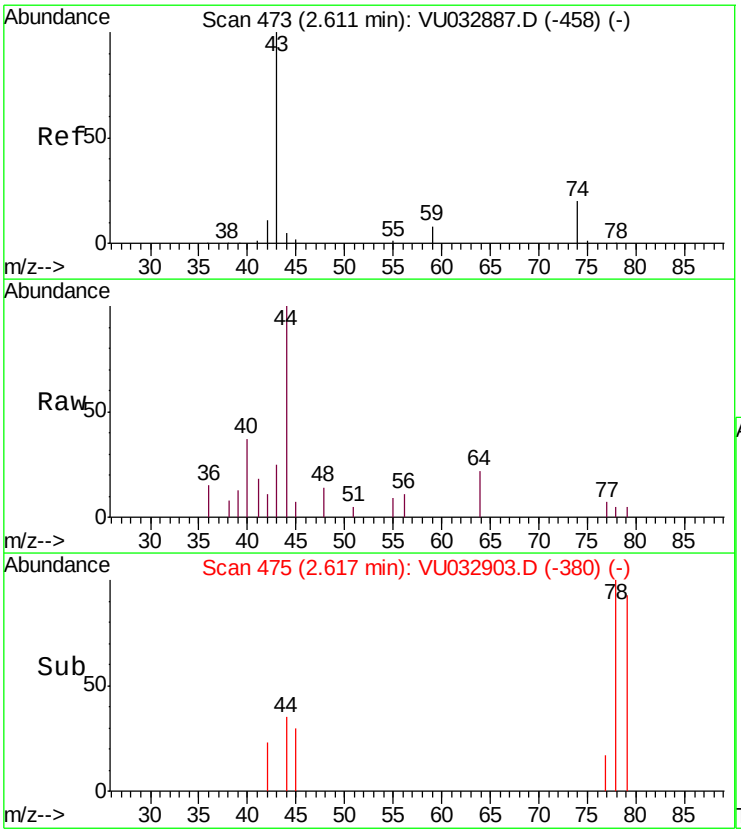
#13
Acetone
Concen: 4.457 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL

Tgt Ion: 43 Resp: 5242

Ion	Ratio	Lower	Upper
43	100		
58	12.0	0.0	60.8

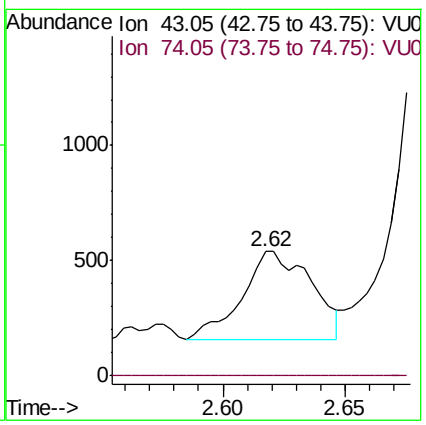


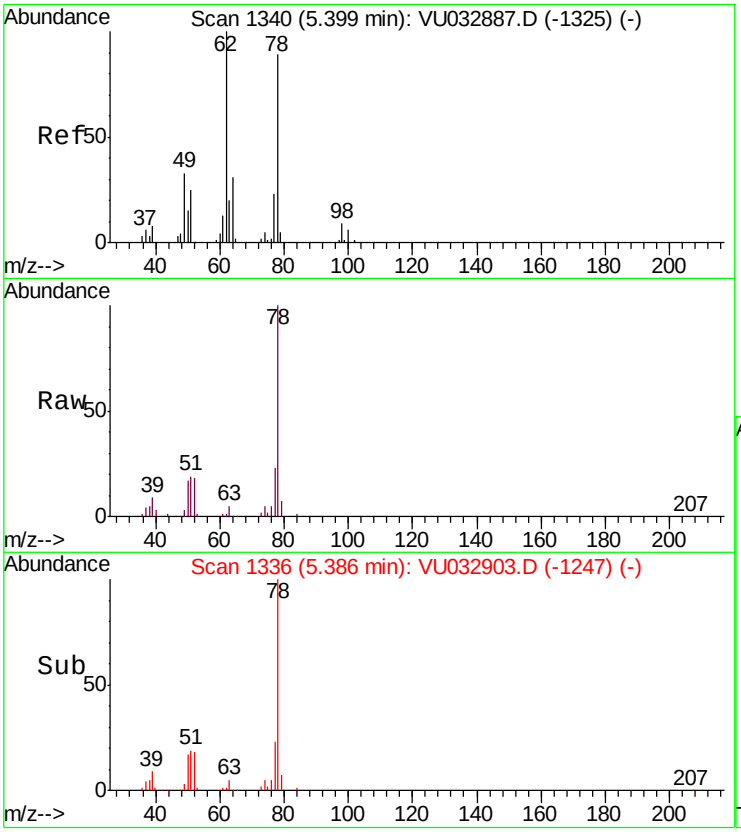


#15
Methyl Acetate
Concen: 0.237 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Tgt Ion: 43 Resp: 765

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#



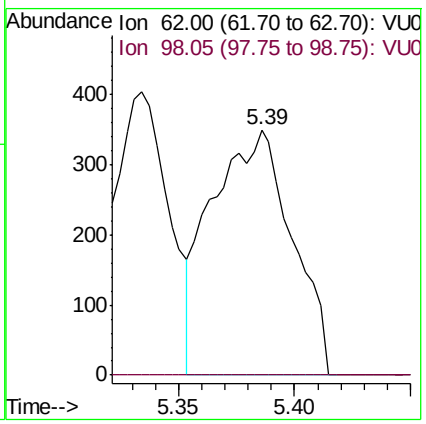


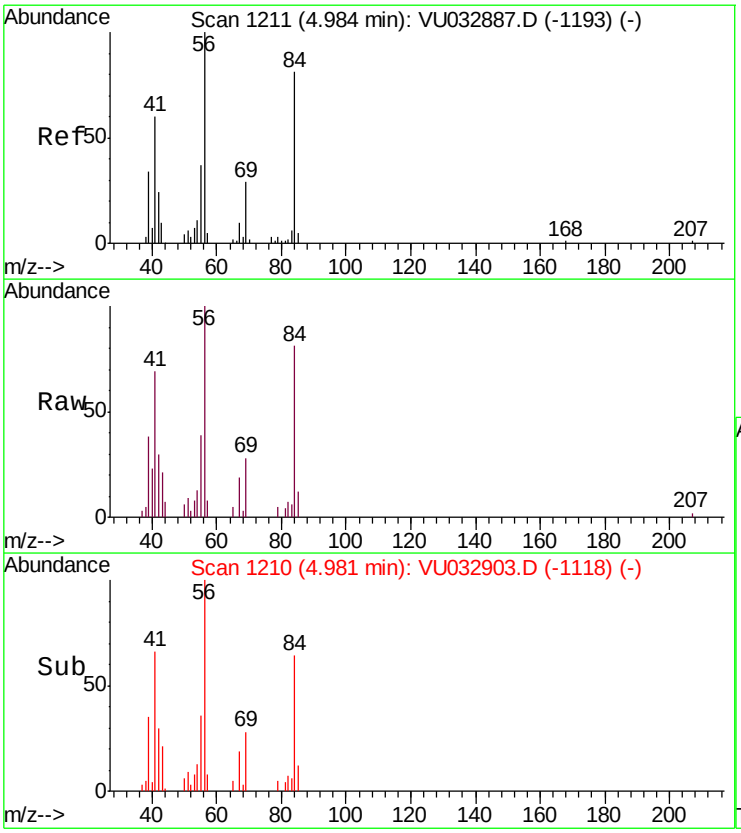
#27
1,2-Dichloroethane
Concen: 0.122 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Instrument : MSVOA_U
ClientSampleId : GALG7DL

Tgt Ion: 62 Resp: 842

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#

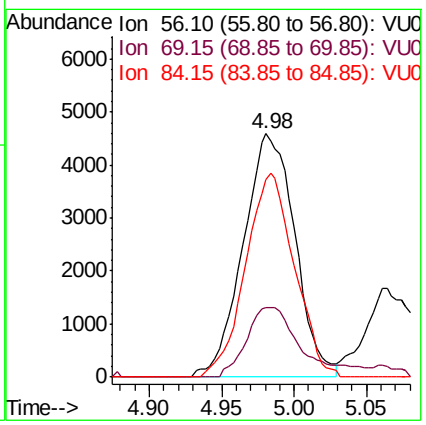


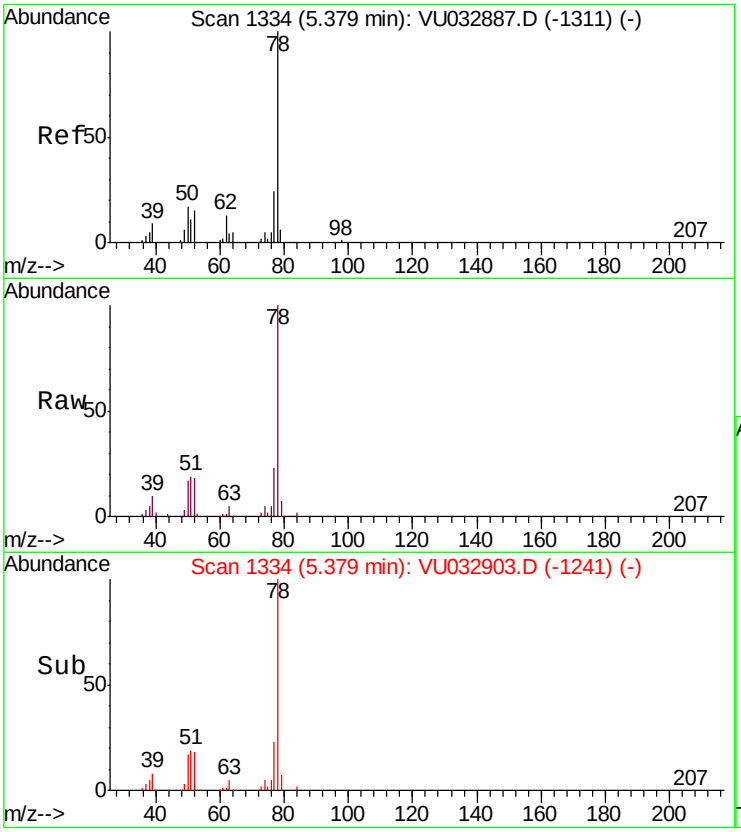


#30
Cyclohexane
Concen: 1.071 ug/L
RT: 4.98 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Tgt Ion: 56 Resp: 11407

Ion	Ratio	Lower	Upper
56	100		
69	28.3	24.9	37.3
84	78.9	70.2	105.2

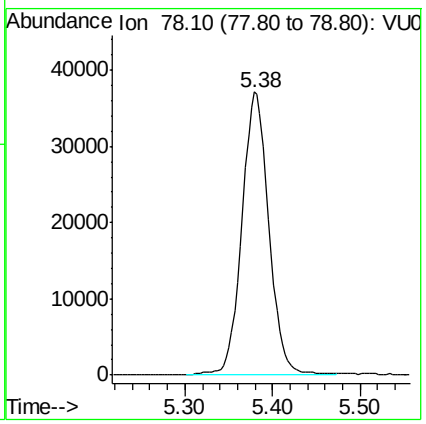


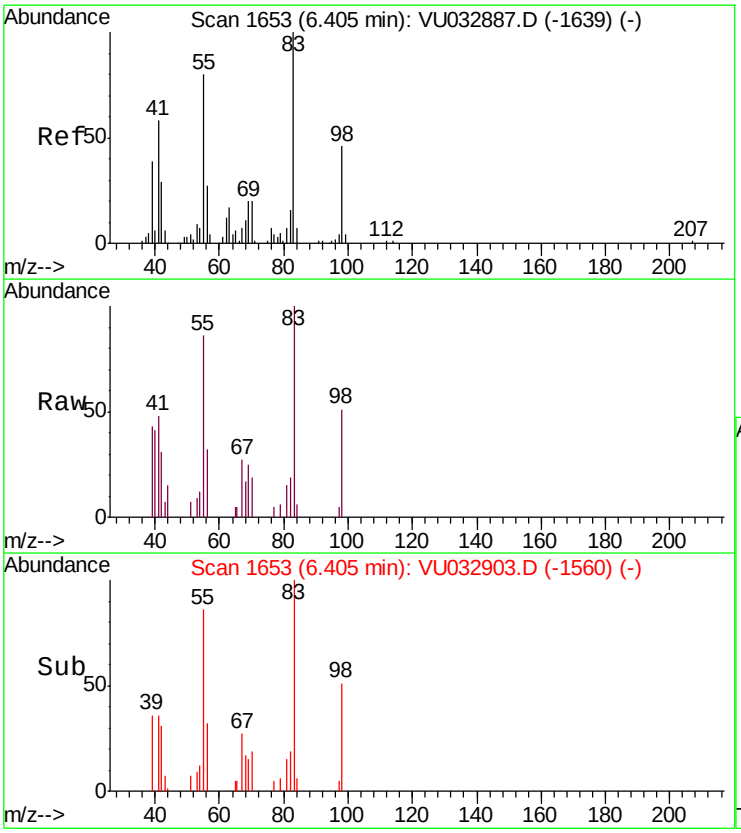


#33
Benzene
Concen: 3.265 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL

Tgt Ion: 78 Resp: 79589

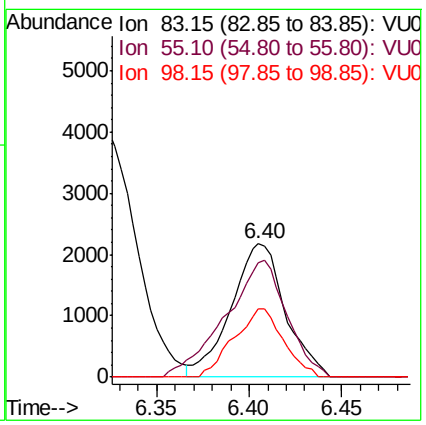


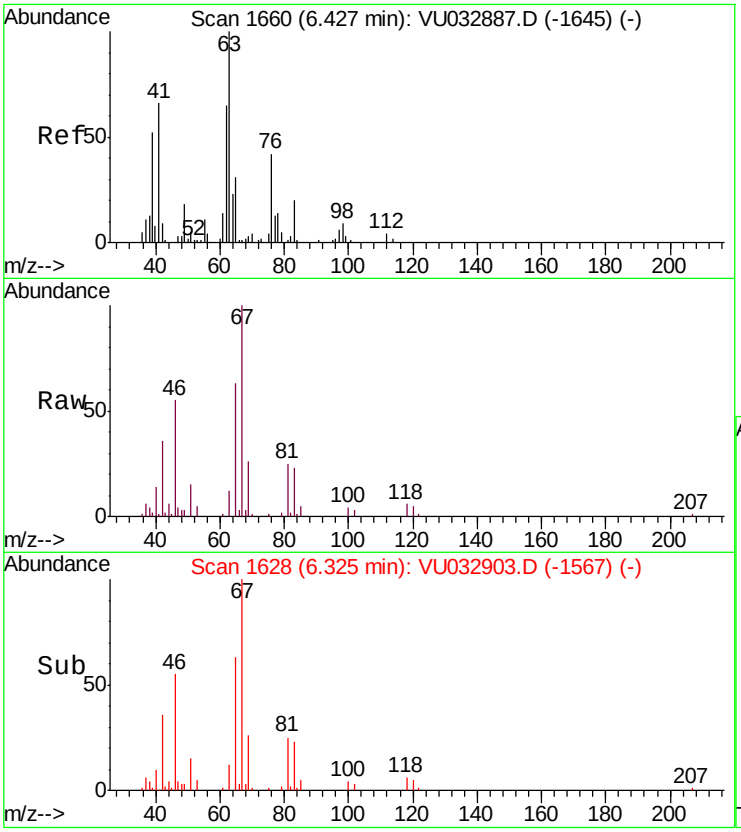


#35
Methylcyclohexane
Concen: 0.391 ug/L
RT: 6.40 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Tgt Ion: 83 Resp: 4412

Ion	Ratio	Lower	Upper
83	100		
55	98.9	60.0	90.0#
98	46.7	37.8	56.8



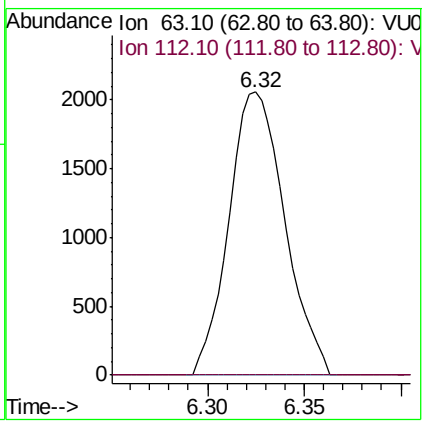


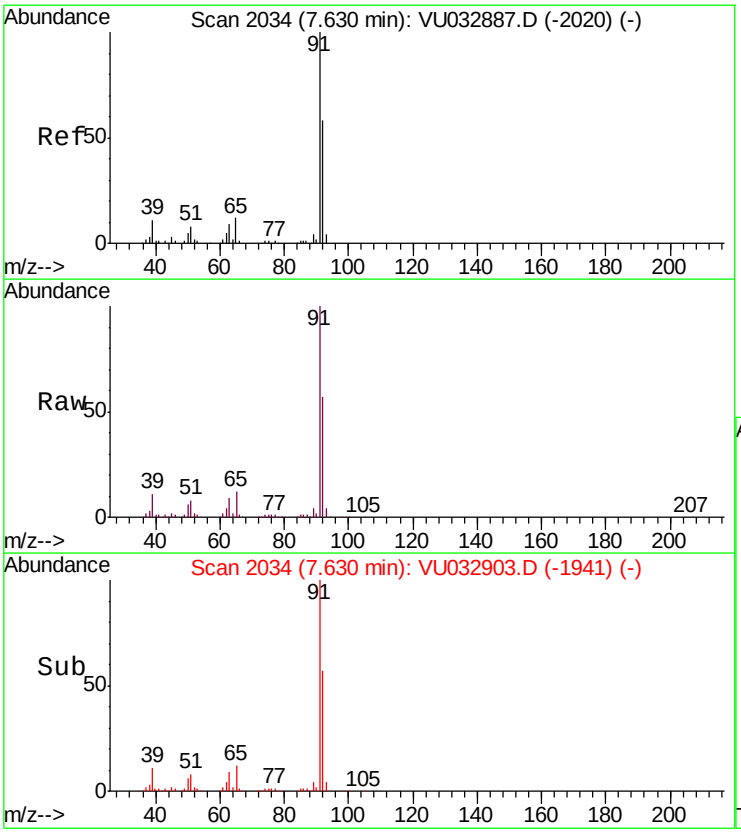
#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Instrument : MSVOA_U
ClientSampleId : GALG7DL

Tgt Ion: 63 Resp: 4128

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

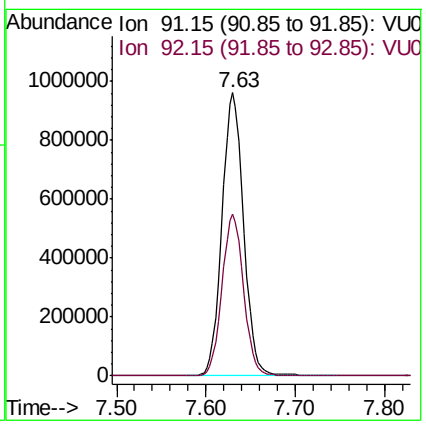


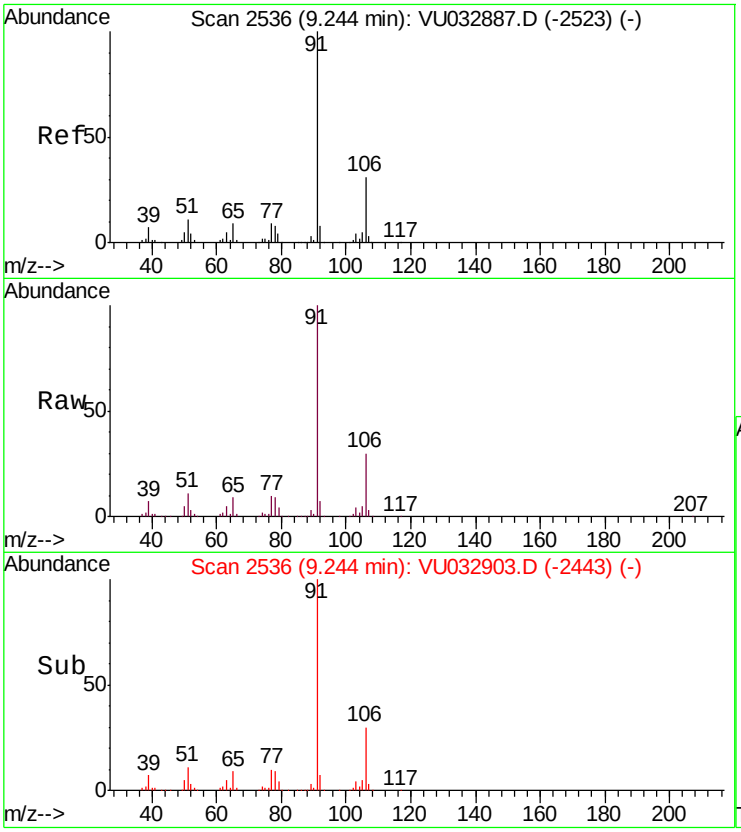


#42
Toluene
Concen: 59.470 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Tgt Ion: 91 Resp: 1615804

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.9	75.9



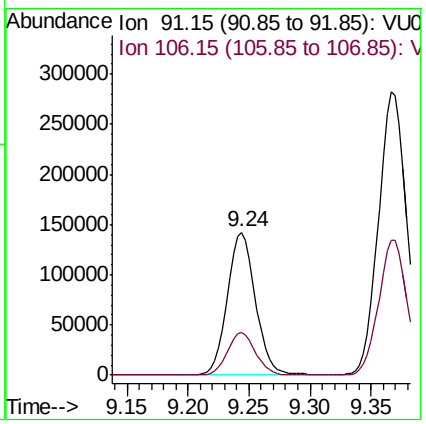


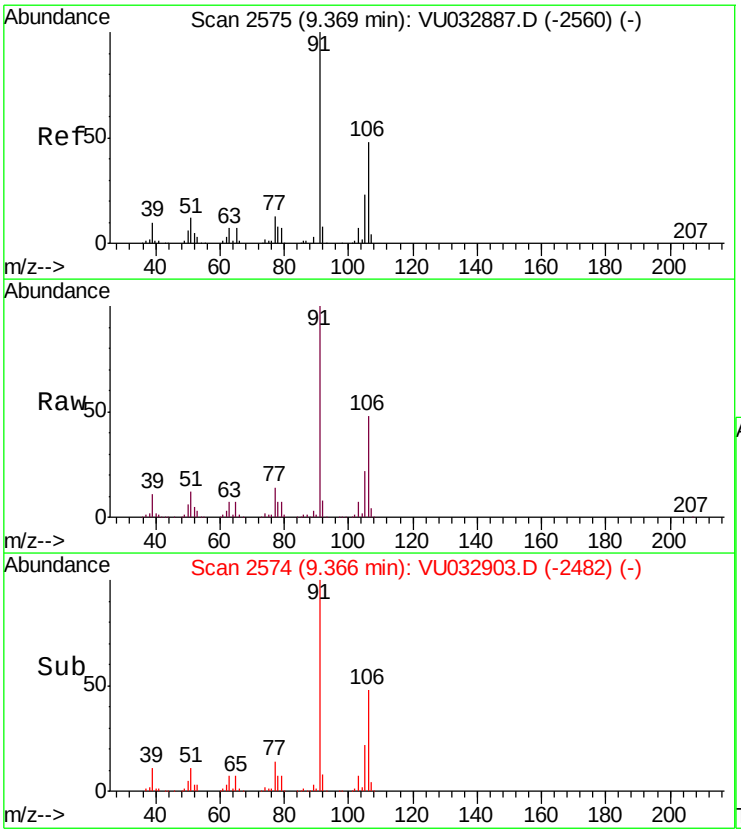
#52
Ethylbenzene
Concen: 7.672 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. 0.00 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL

Tgt Ion: 91 Resp: 229729

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.8	40.6

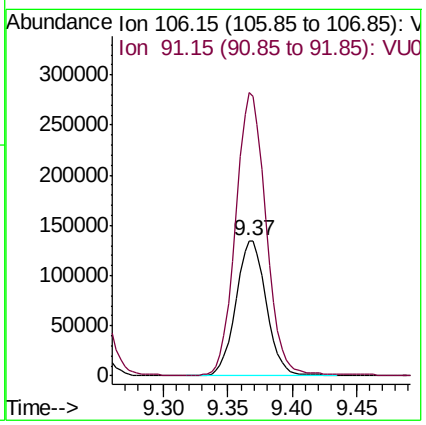


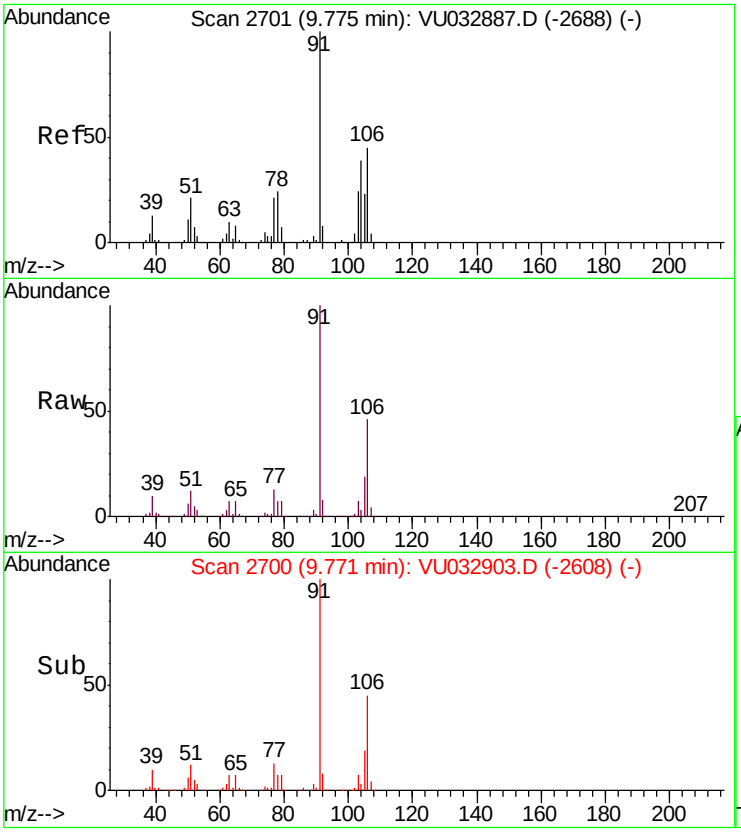


#53
m,p-Xylene
Concen: 19.413 ug/L
RT: 9.37 min Scan# 2574
Delta R.T. -0.00 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Tgt Ion:106 Resp: 220379

Ion	Ratio	Lower	Upper
106	100		
91	209.0	142.4	264.4



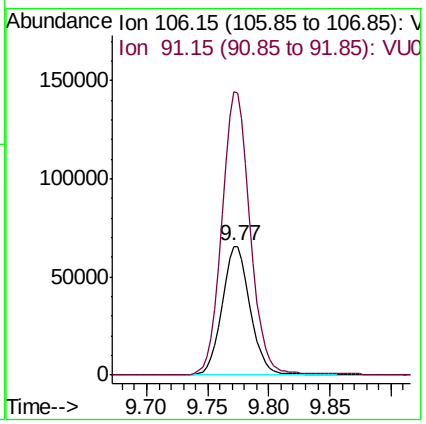


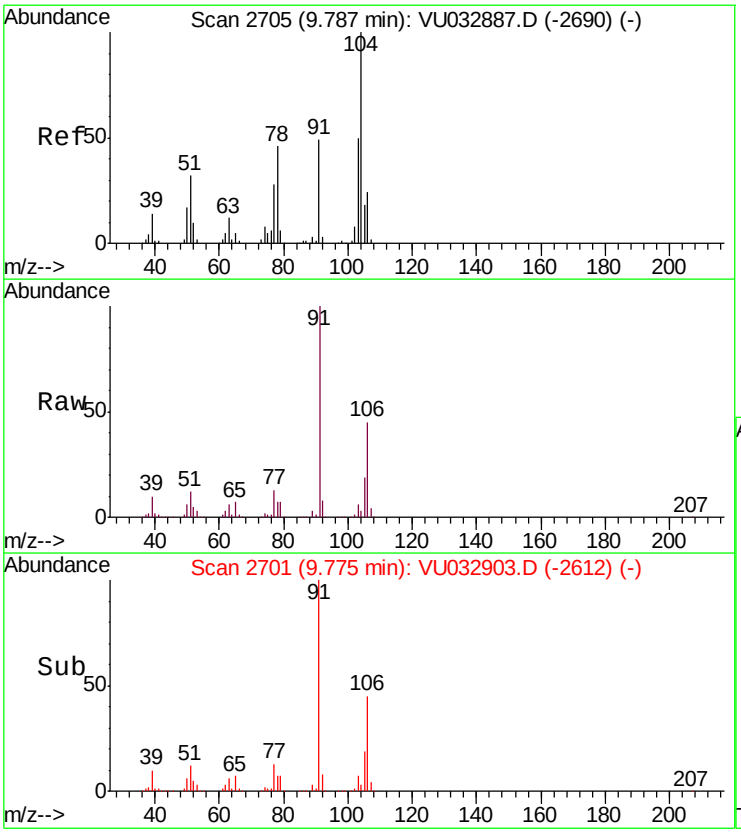
#54
o-Xylene
Concen: 9.371 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL

Tgt Ion:106 Resp: 106173

Ion	Ratio	Lower	Upper
106	100		
91	219.5	148.8	276.4

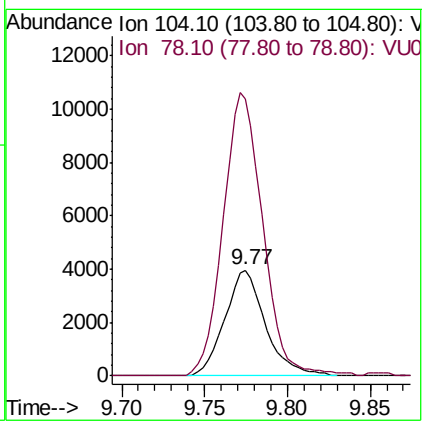


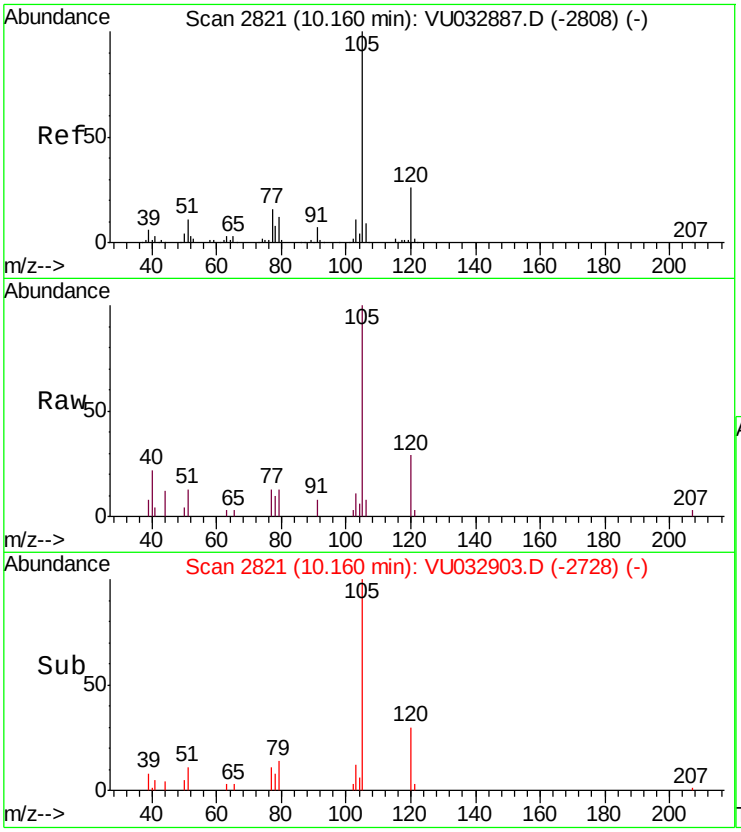


#55
Styrene
Concen: 0.361 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.01 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Tgt Ion:104 Resp: 6737

Ion	Ratio	Lower	Upper
104	100		
78	262.4	32.2	59.8#



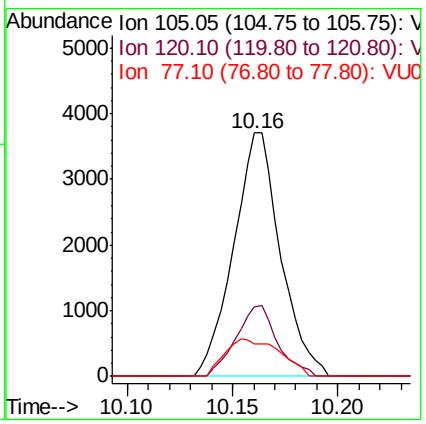


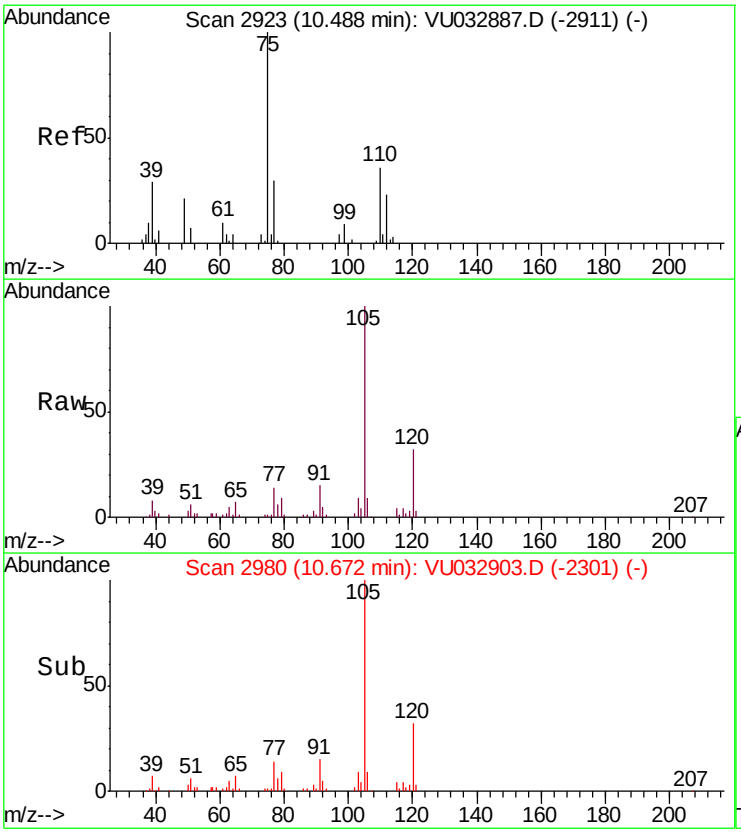
#56
Isopropylbenzene
Concen: 0.192 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. 0.00 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Instrument : MSVOA_U
ClientSampleId : GALG7DL

Tgt Ion:105 Resp: 5726

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.6	32.4
77	17.9	12.3	18.5

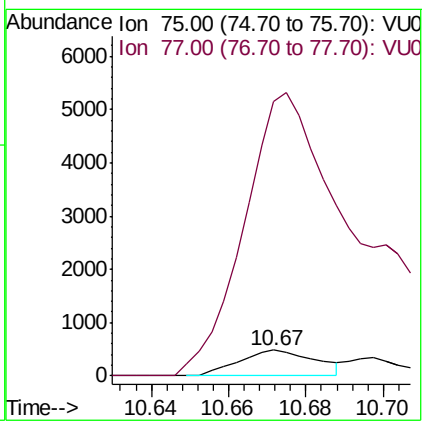


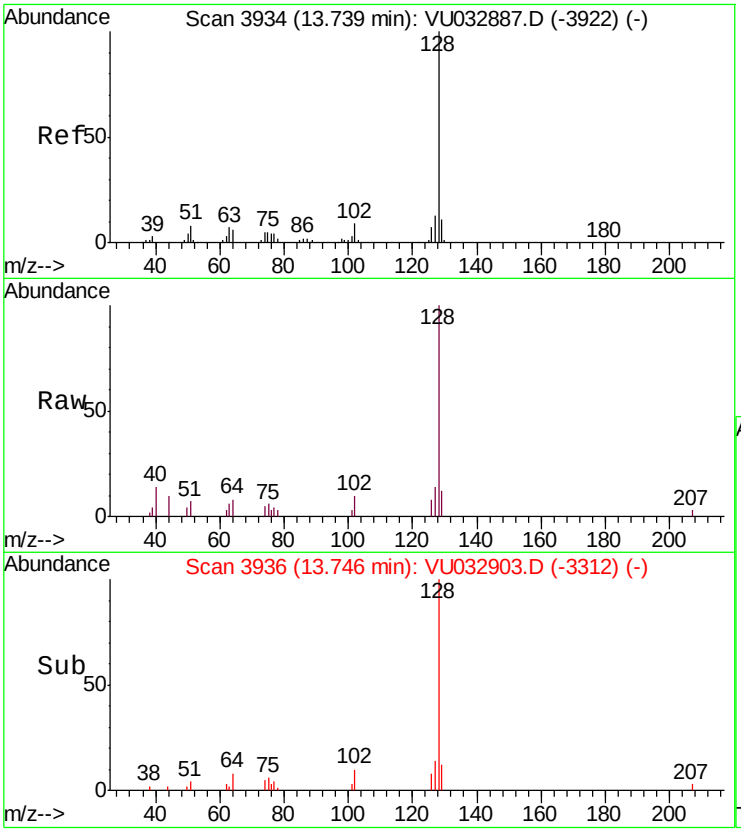


#59
1,2,3-Trichloropropane
Concen: 0.160 ug/L
RT: 10.67 min Scan# 2980
Delta R.T. 0.18 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Tgt Ion: 75 Resp: 664

Ion	Ratio	Lower	Upper
75	100		
77	1698.9	25.3	37.9#





#69
Naphthalene
Concen: 0.969 ug/L
RT: 13.75 min Scan# 3936
Delta R.T. 0.01 min
Lab File: VU032903.D
Acq: 20 Jun 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL

Tgt Ion:128 Resp: 16414

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.1	12.1
127	11.6	10.4	15.6