Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035240.D
Acq On : 18 Oct 2019 03:43
Operator : JC/SP
Sample : K5419-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G58

Quant Time: Oct 18 06:59:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 05:36:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	332316	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	316103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	134250	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	107402	5.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.00%			
7) Chloroethane-d5	1.93	69	107589	5.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.20%			
11) 1,1-Dichloroethene-d2	2.60	63	154551	4.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.60%			
20) 2-Butanone-d5	4.71	46	291181	50.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.00%			
24) Chloroform-d	5.11	84	195126	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
26) 1,2-Dichloroethane-d4	5.75	65	110517	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.77	84	409702	5.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.40%			
36) 1,2-Dichloropropane-d6	6.74	67	130476	5.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.60%			
41) Toluene-d8	7.93	98	388779	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.40%			
43) trans-1,3-Dichloropropene-	8.22	79	55791	5.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.20%			
46) 2-Hexanone-d5	8.69	63	233713	47.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.16%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	107647	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	131301	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	66916	2.322	ug/L	95
8) Chloroethane	1.95	64	4148	0.223	ug/L	98
13) Acetone	2.67	43	22614	5.583	ug/L	99
18) trans-1,2-Dichloroethene	3.40	96	7983	0.346	ug/L	96
19) 1,1-Dichloroethane	3.92	63	26652	0.640	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	60899	2.391	ug/L	99
29) 1,1,1-Trichloroethane	5.37	97	3856	0.104	ug/L #	91
30) Cyclohexane	5.43	56	7559	0.191	ug/L #	89
33) Benzene	5.82	78	42261	0.454	ug/L	100
34) Trichloroethene	6.58	95	4961	0.198	ug/L	95
35) Methylcyclohexane	6.80	83	6984	0.167	ug/L #	85
42) Toluene	8.01	91	97704	0.952	ug/L	99
51) Chlorobenzene	9.48	112	11667	0.176	ug/L	97
52) Ethylbenzene	9.60	91	962212	8.242	ug/L	100
53) m,p-Xylene	9.73	106	34141	0.774	ug/L	92
56) Isopropylbenzene	10.51	105	56613	0.489	ug/L	98

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035240.D
Acq On : 18 Oct 2019 03:43
Operator : JC/SP
Sample : K5419-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G58

Quant Time: Oct 18 06:59:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 05:36:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
Data File : VU035240.D
Acq On : 18 Oct 2019 03:43
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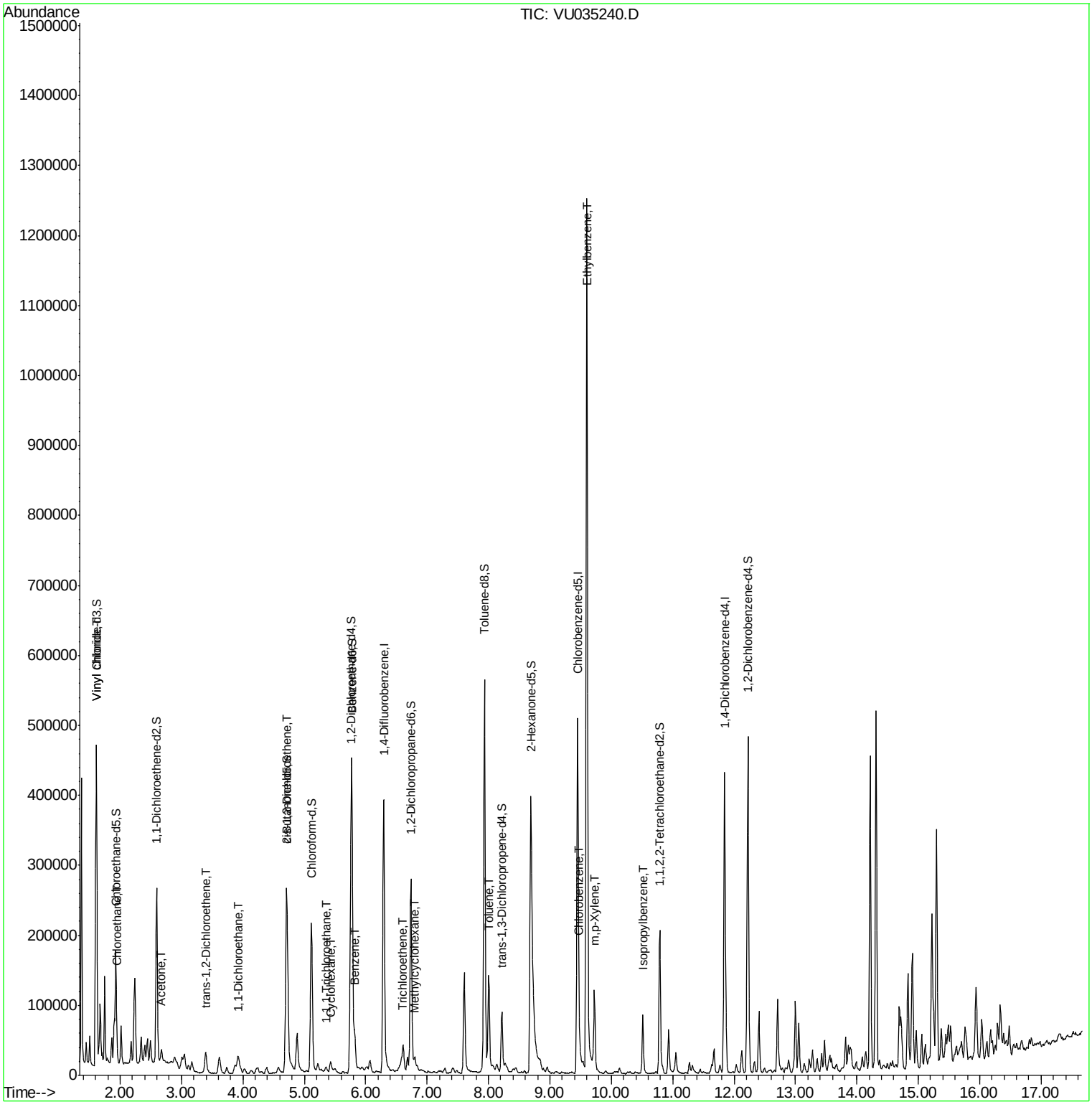
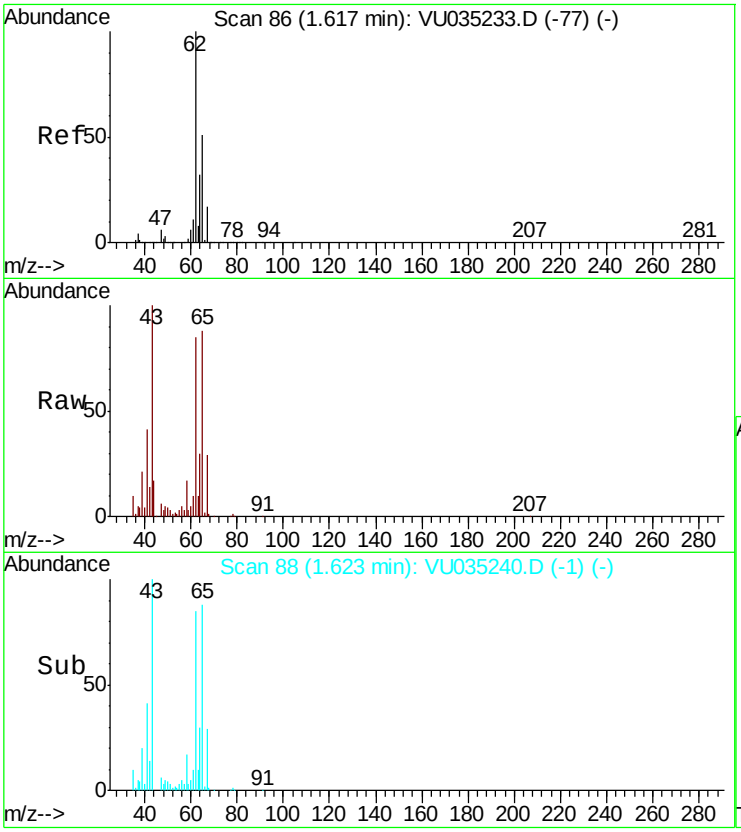
Response via : Initial Calibration



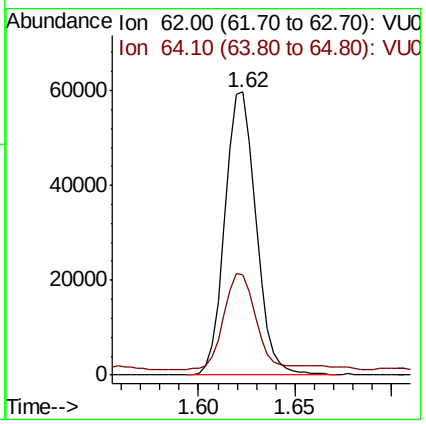


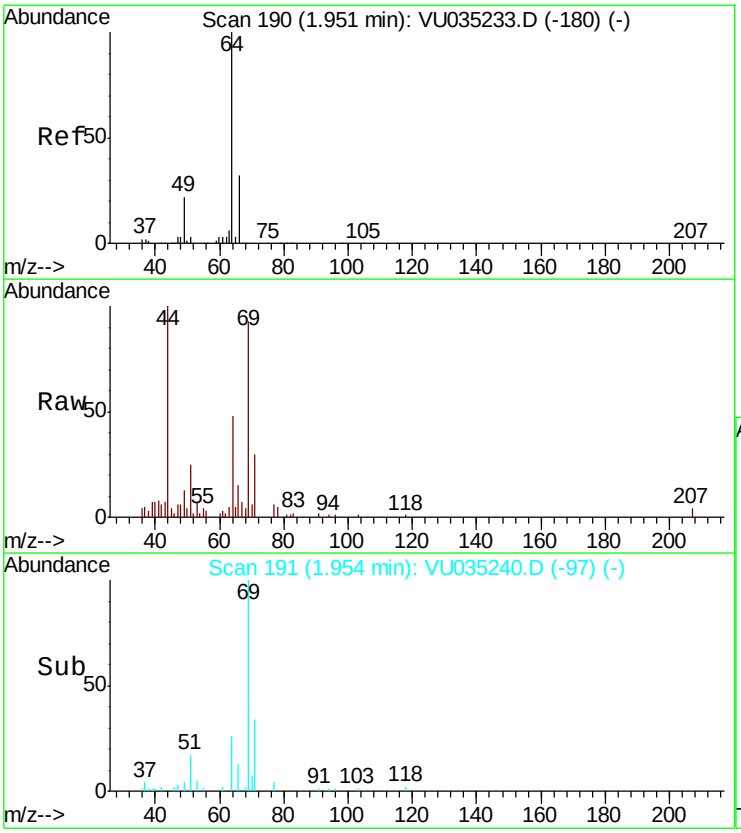
#5
Vinyl chloride
Concen: 2.322 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Instrument :
MSVOA_U
ClientSampleId :
H0G58

Tgt Ion: 62 Resp: 66916

Ion	Ratio	Lower	Upper
62	100		
64	35.7	22.9	42.5

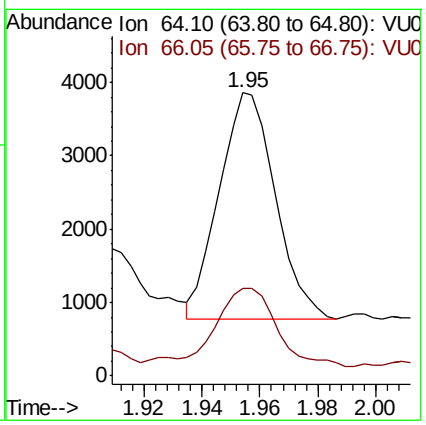


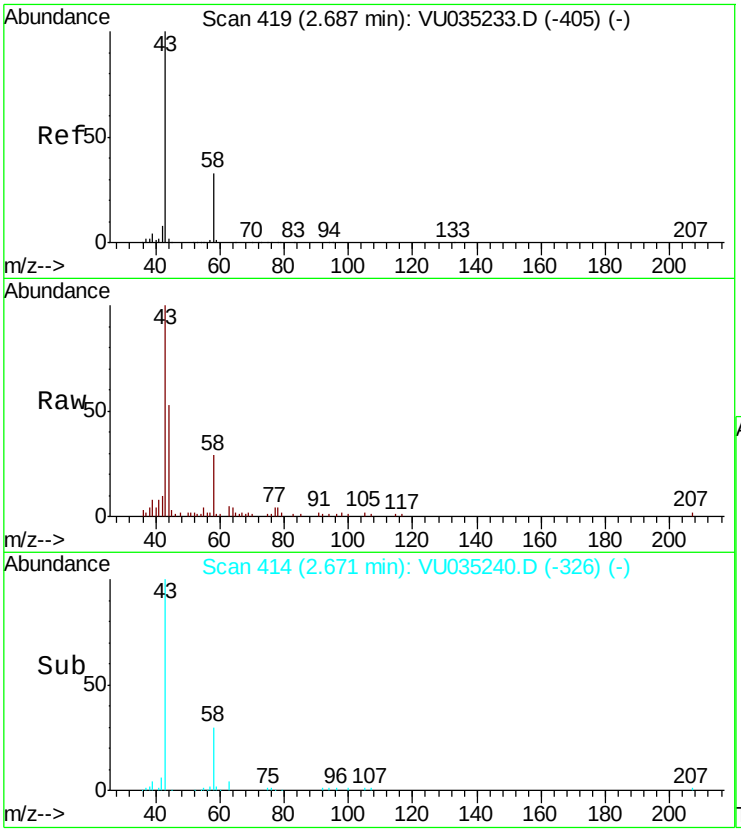


#8
Chloroethane
Concen: 0.223 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Tgt Ion: 64 Resp: 4148

Ion	Ratio	Lower	Upper
64	100		
66	31.1	22.7	42.1



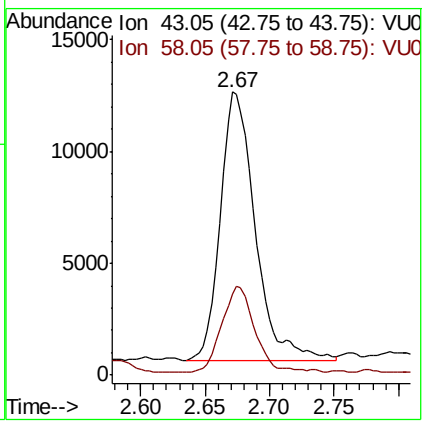


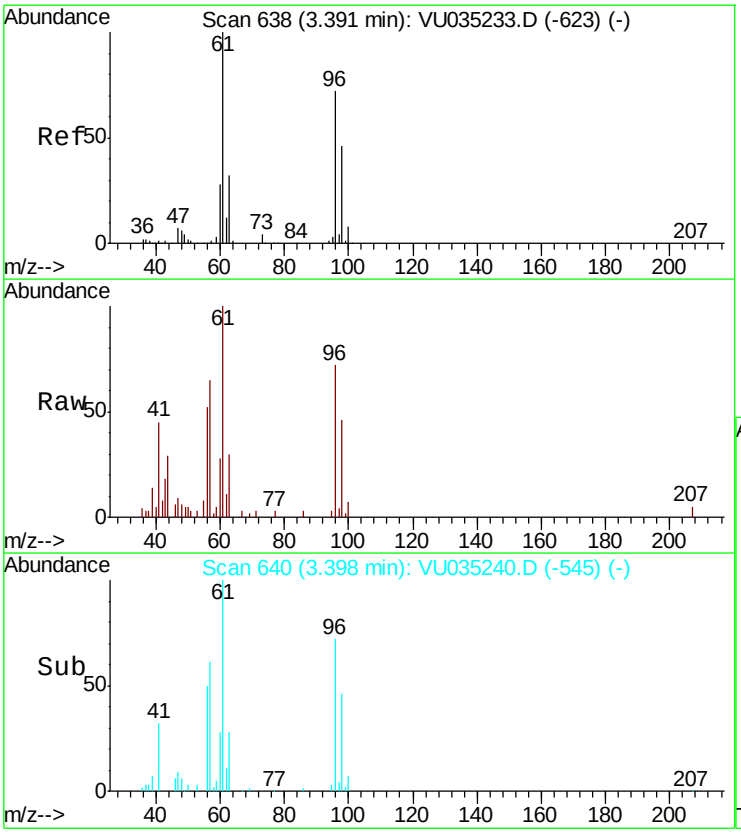
#13
Acetone
Concen: 5.583 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.02 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Instrument :
MSVOA_U
ClientSampleId :
H0G58

Tgt Ion: 43 Resp: 22614

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	61.8

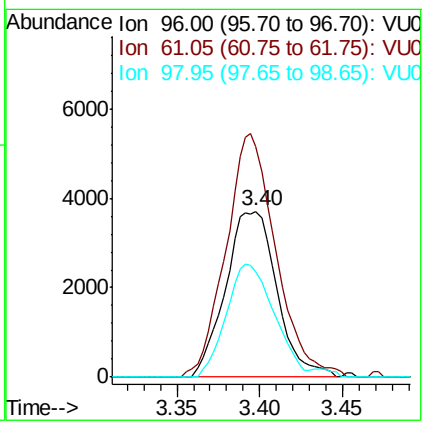


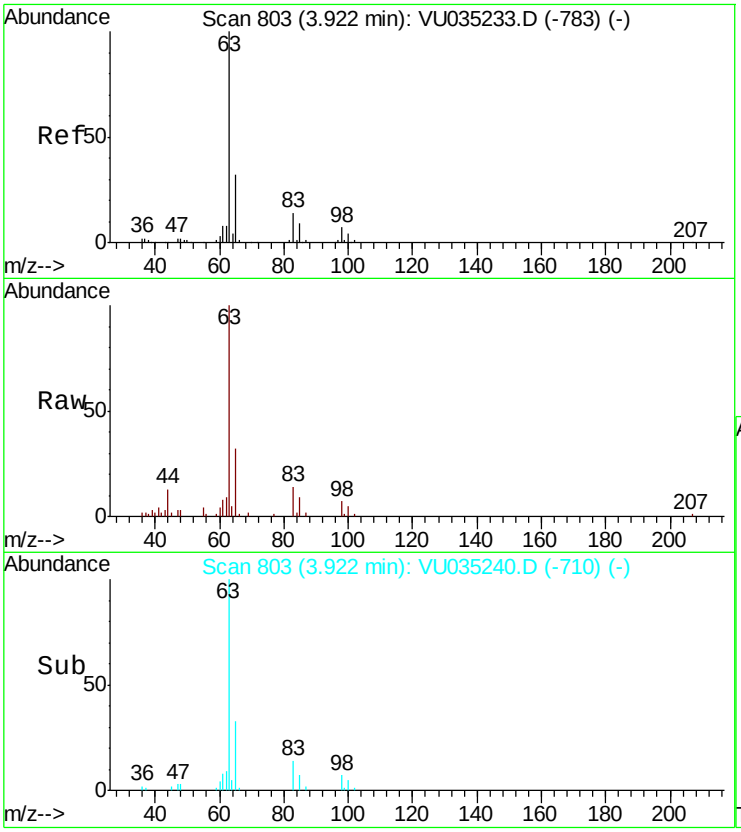


#18
trans-1,2-Dichloroethene
Concen: 0.346 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Tgt Ion: 96 Resp: 7983

Ion	Ratio	Lower	Upper
96	100		
61	139.2	93.0	172.6
98	63.7	43.7	81.1



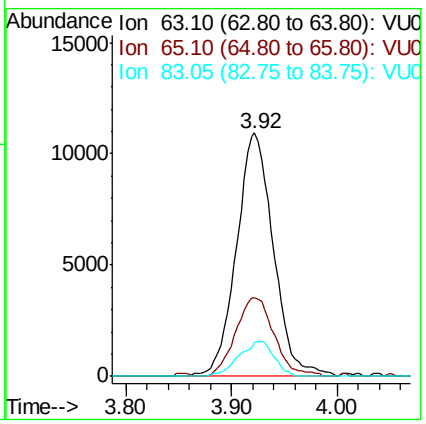


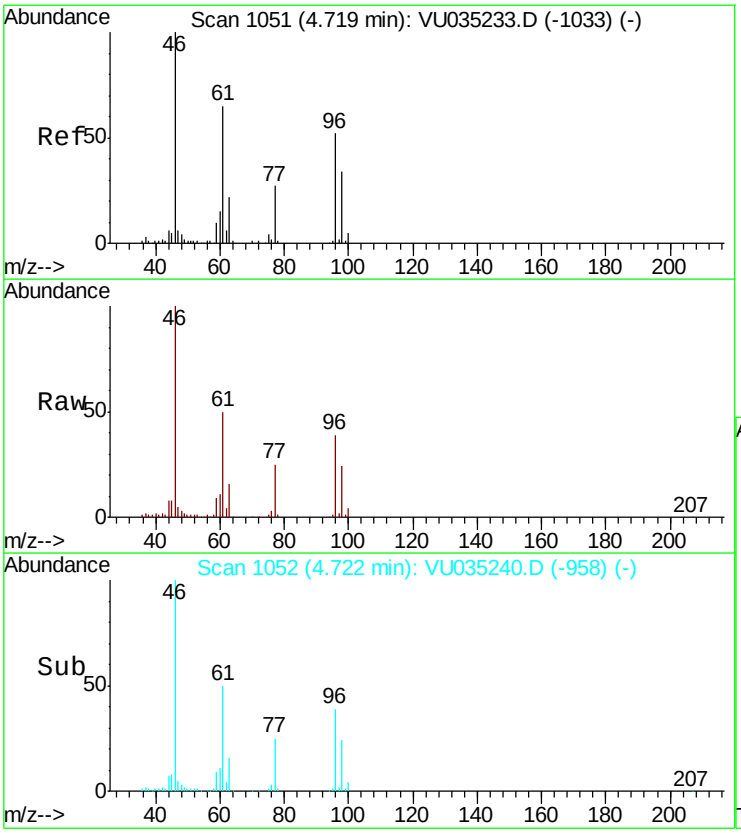
#19
1,1-Dichloroethane
Concen: 0.640 ug/L
RT: 3.92 min Scan# 803
Delta R.T. -0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Instrument :
MSVOA_U
ClientSampleId :
H0G58

Tgt Ion: 63 Resp: 26652

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.4	41.6
83	13.6	9.3	17.3

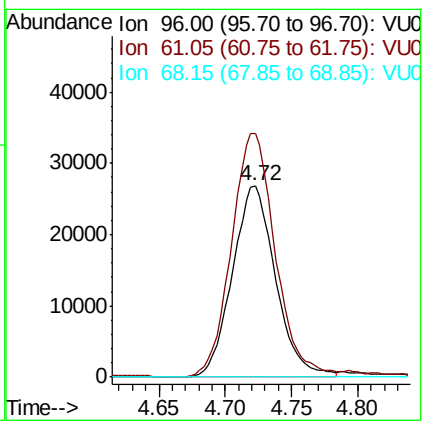


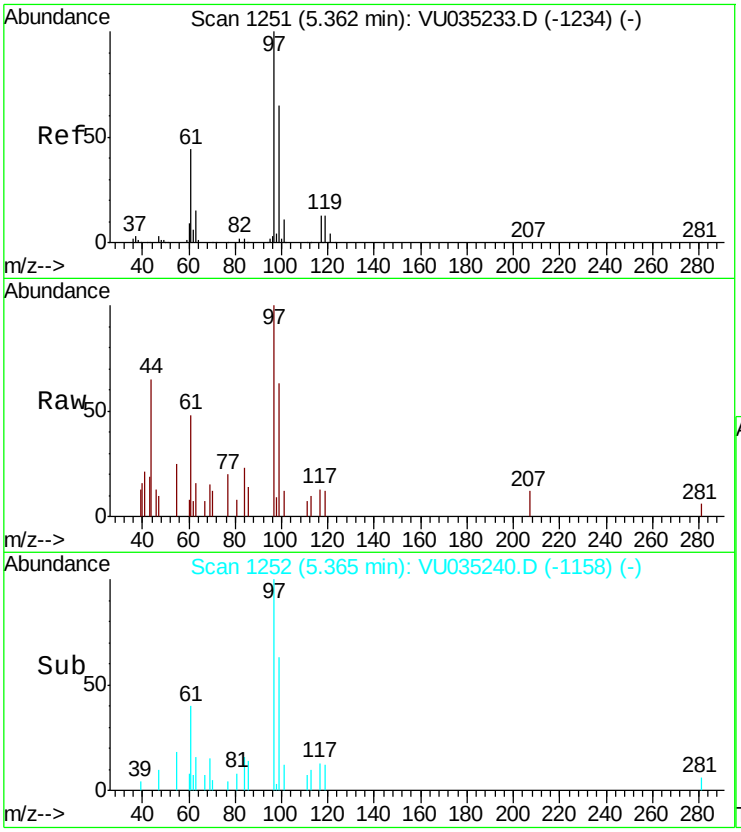


#22
cis-1,2-Dichloroethene
Concen: 2.391 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Tgt Ion: 96 Resp: 60899

Ion	Ratio	Lower	Upper
96	100		
61	127.4	89.7	166.5
68	0.0	0.0	0.0



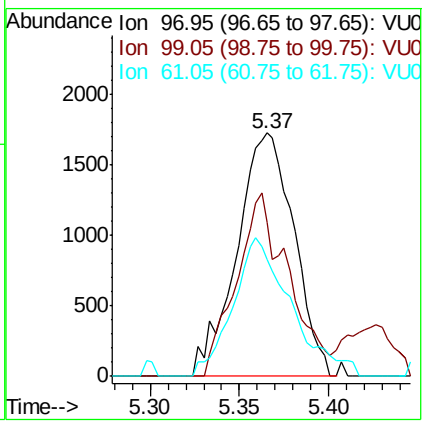


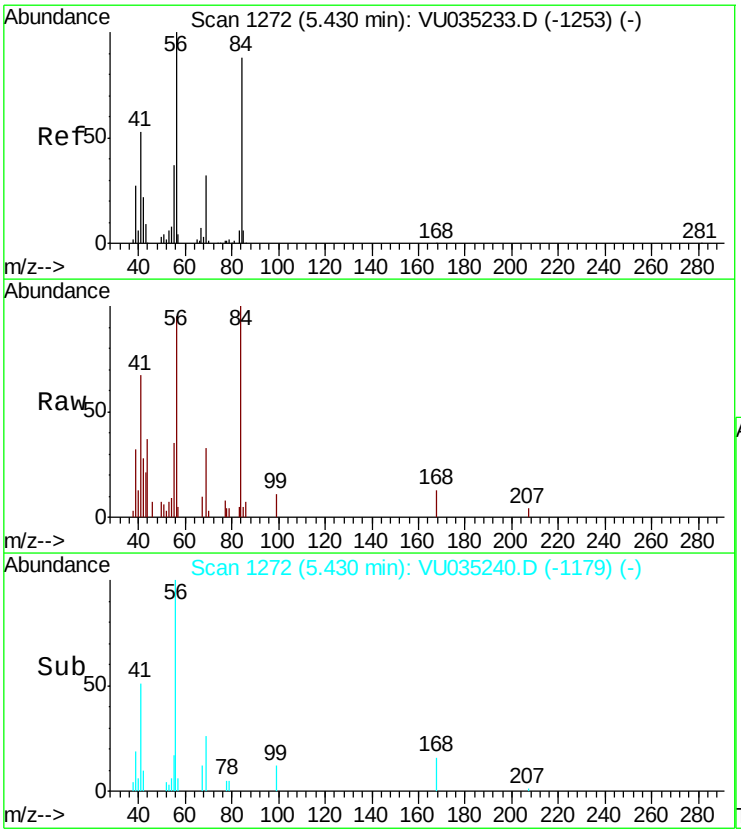
#29
1,1,1-Trichloroethane
Concen: 0.104 ug/L
RT: 5.37 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Instrument :
MSVOA_U
ClientSampleId :
H0G58

Tgt Ion: 97 Resp: 3856

Ion	Ratio	Lower	Upper
97	100		
99	68.8	52.6	79.0
61	57.8	37.0	55.4#

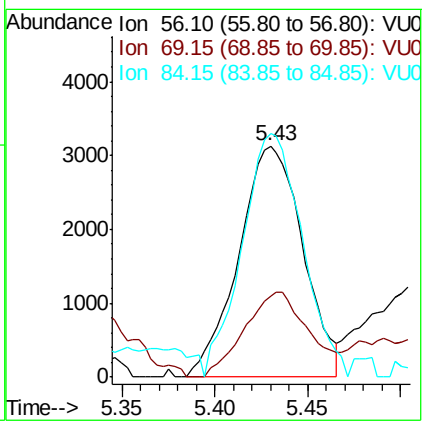


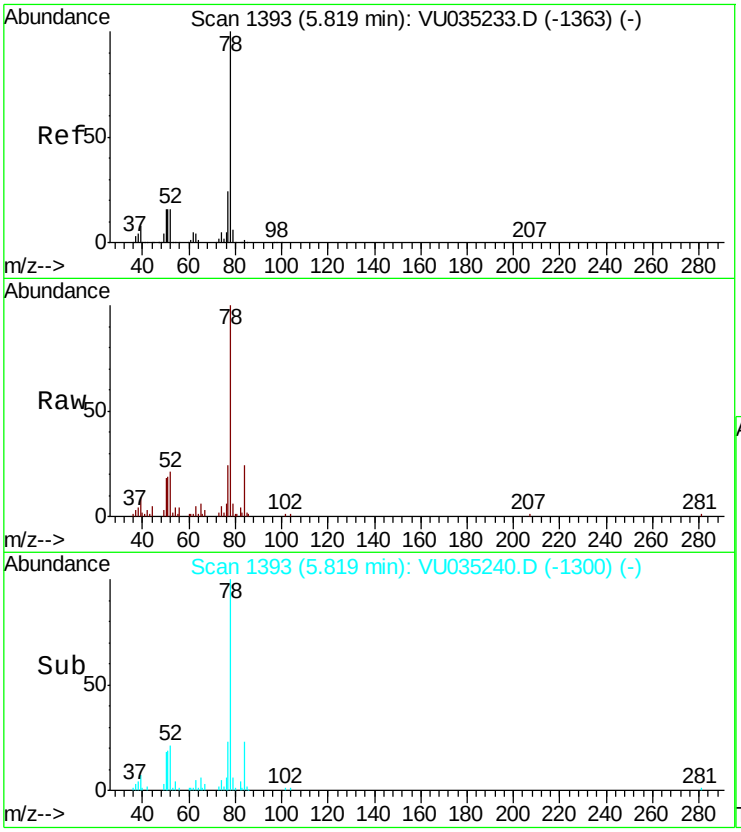


#30
Cyclohexane
Concen: 0.191 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Tgt Ion: 56 Resp: 7559

Ion	Ratio	Lower	Upper
56	100		
69	37.3	24.6	36.8#
84	98.8	71.5	107.3

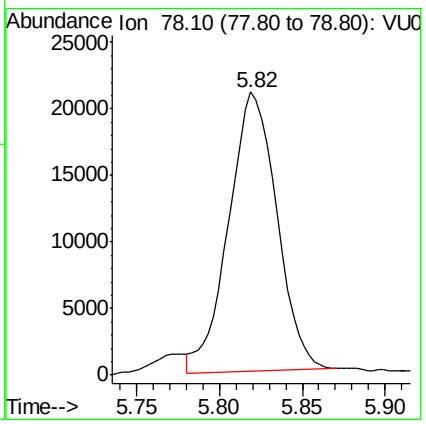


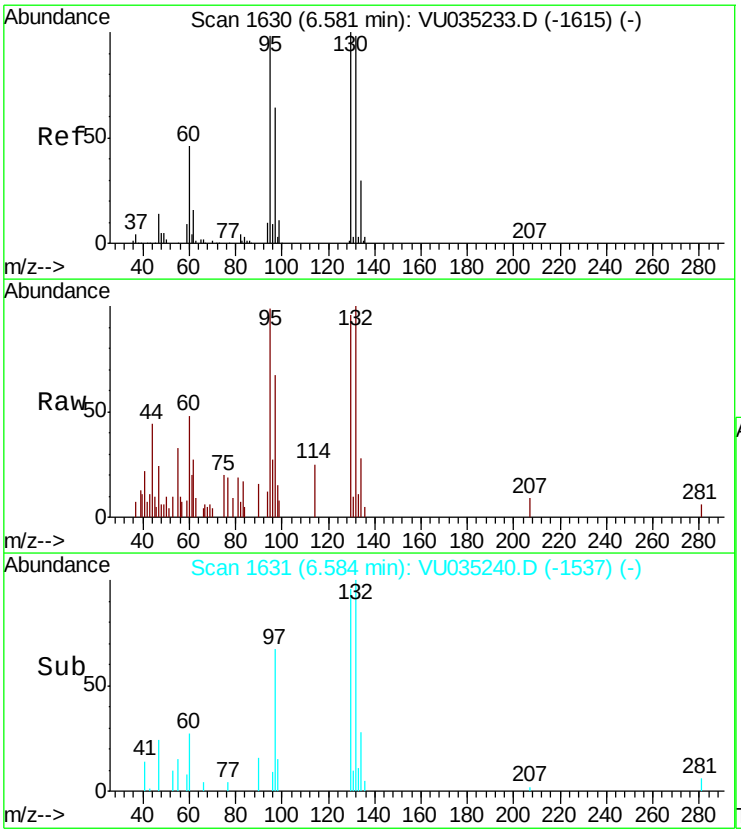


#33
Benzene
Concen: 0.454 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Instrument :
MSVOA_U
ClientSampleId :
H0G58

Tgt Ion: 78 Resp: 42261

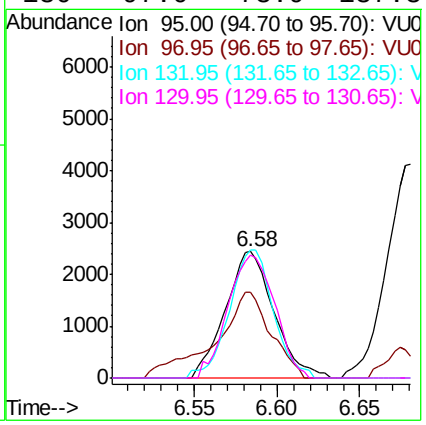


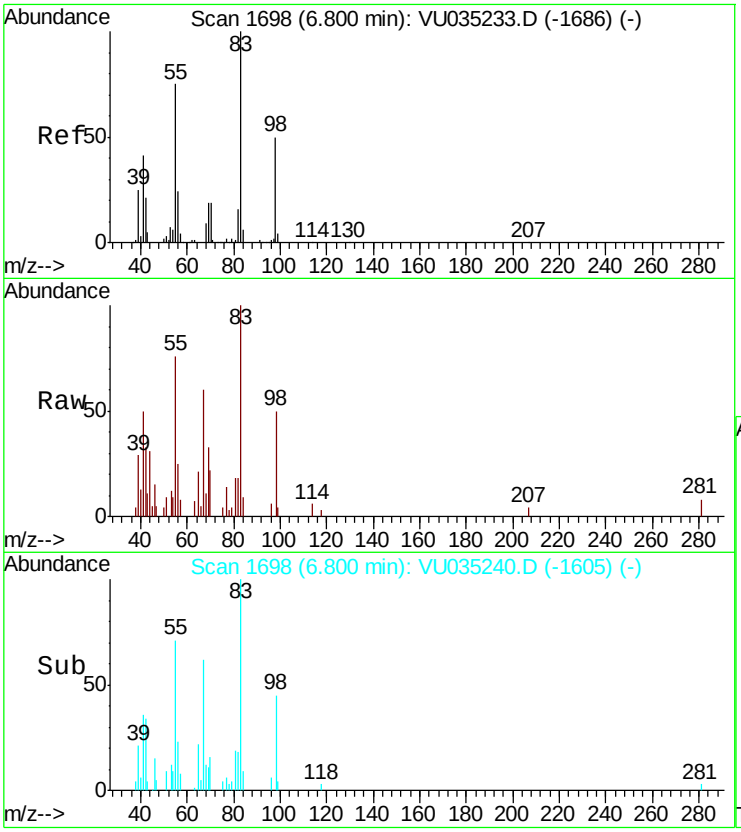


#34
Trichloroethene
Concen: 0.198 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Tgt Ion: 95 Resp: 4961

Ion	Ratio	Lower	Upper
95	100		
97	67.6	46.6	86.6
132	101.0	68.7	127.7
130	97.0	73.9	137.3



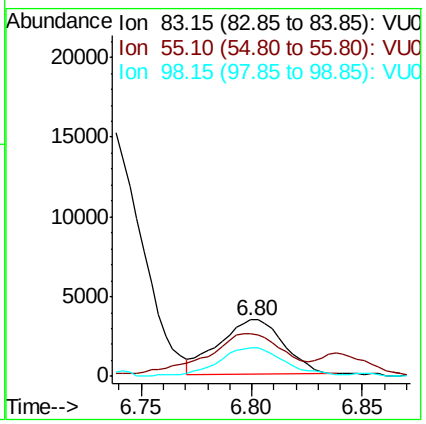


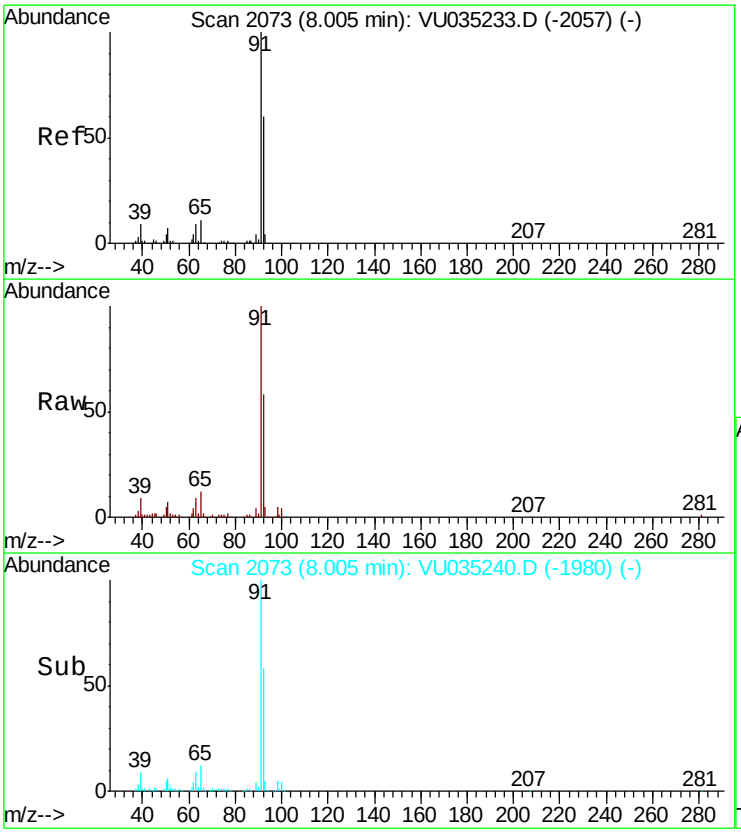
#35
Methylcyclohexane
Concen: 0.167 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Instrument : MSVOA_U
ClientSampleId : H0G58

Tgt Ion: 83 Resp: 6984

Ion	Ratio	Lower	Upper
83	100		
55	91.5	60.4	90.6#
98	55.1	39.5	59.3

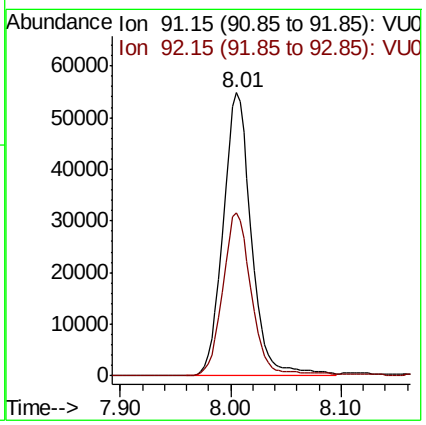


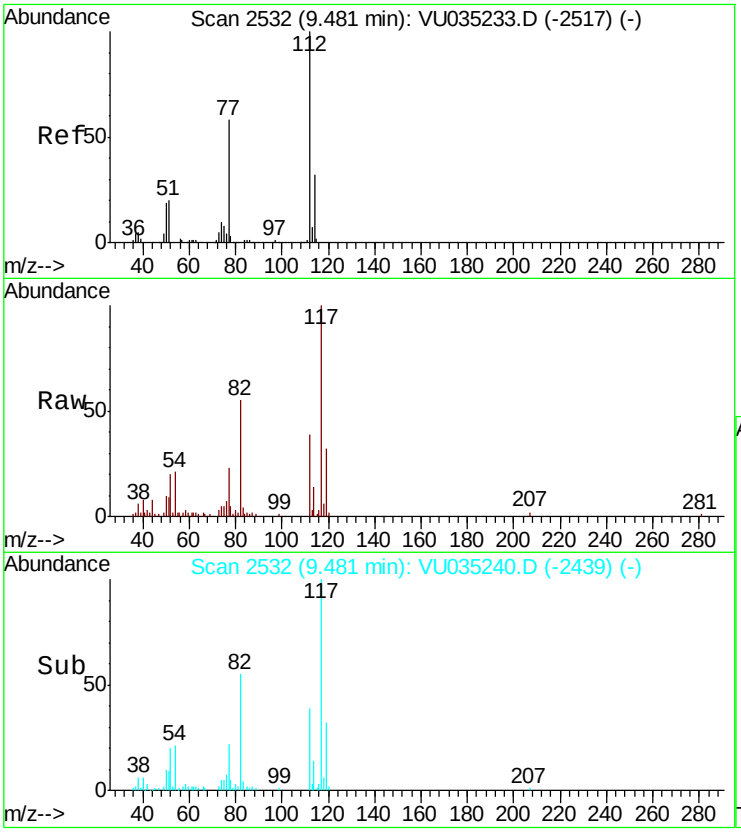


#42
Toluene
Concen: 0.952 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Tgt Ion: 91 Resp: 97704

Ion	Ratio	Lower	Upper
91	100		
92	57.8	39.9	74.1



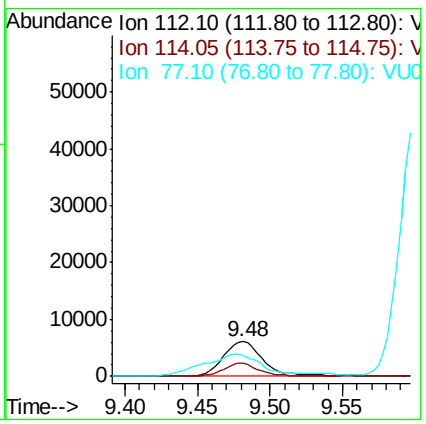


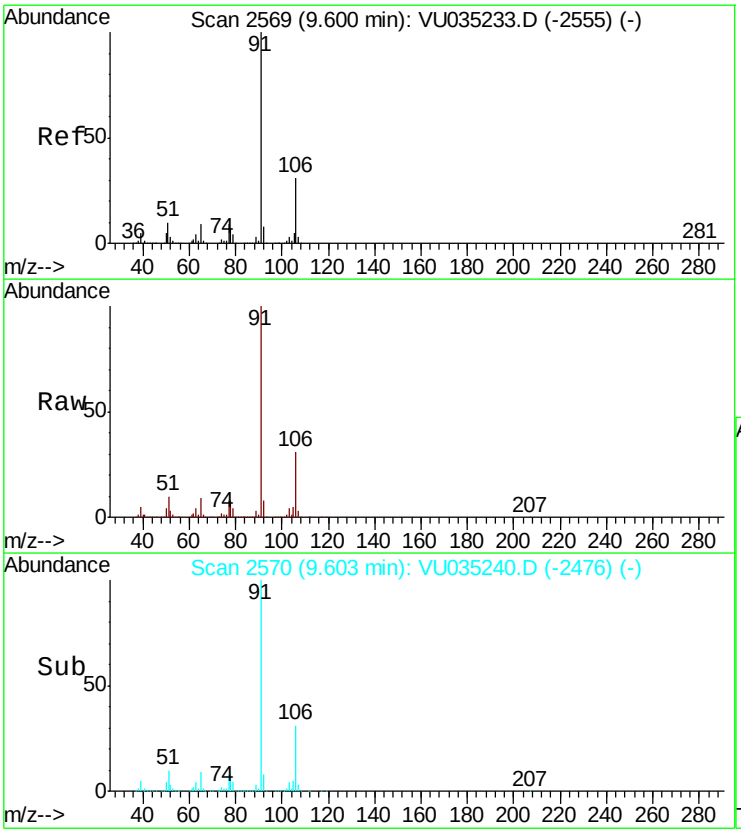
#51
Chlorobenzene
Concen: 0.176 ug/L
RT: 9.48 min Scan# 2532
Delta R.T. -0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Instrument : MSVOA_U
ClientSampleId : H0G58

Tgt Ion:112 Resp: 11667

Ion	Ratio	Lower	Upper
112	100		
114	36.7	23.0	42.8
77	58.9	47.5	71.3

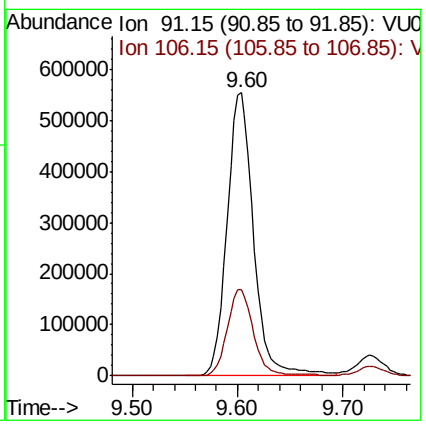


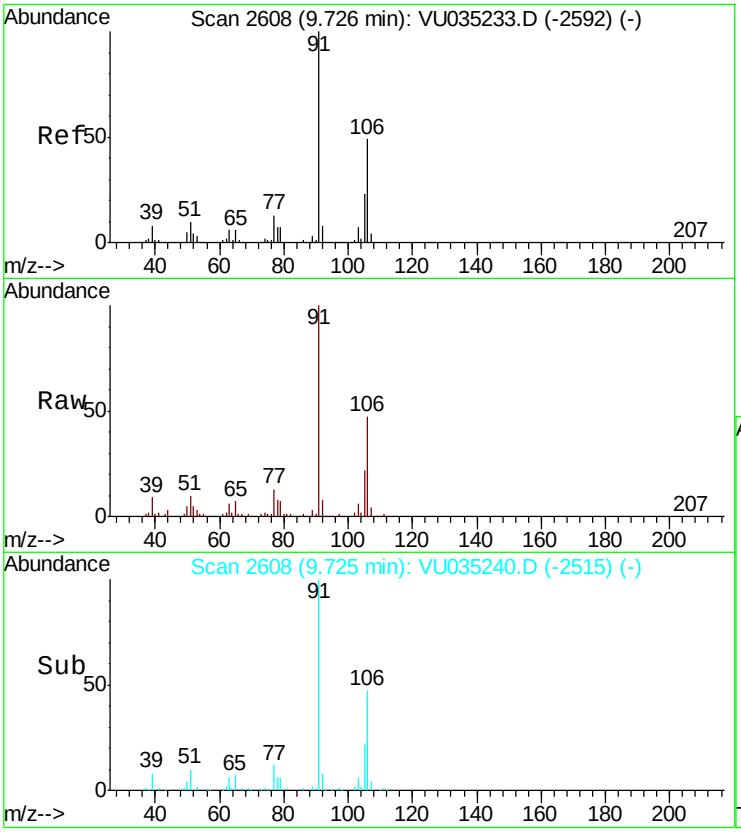


#52
Ethylbenzene
Concen: 8.242 ug/L
RT: 9.60 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Tgt Ion: 91 Resp: 962212

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.3	39.6



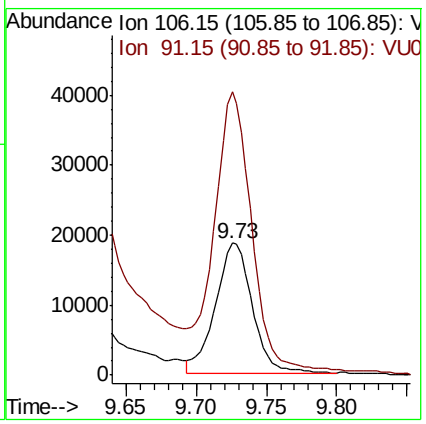


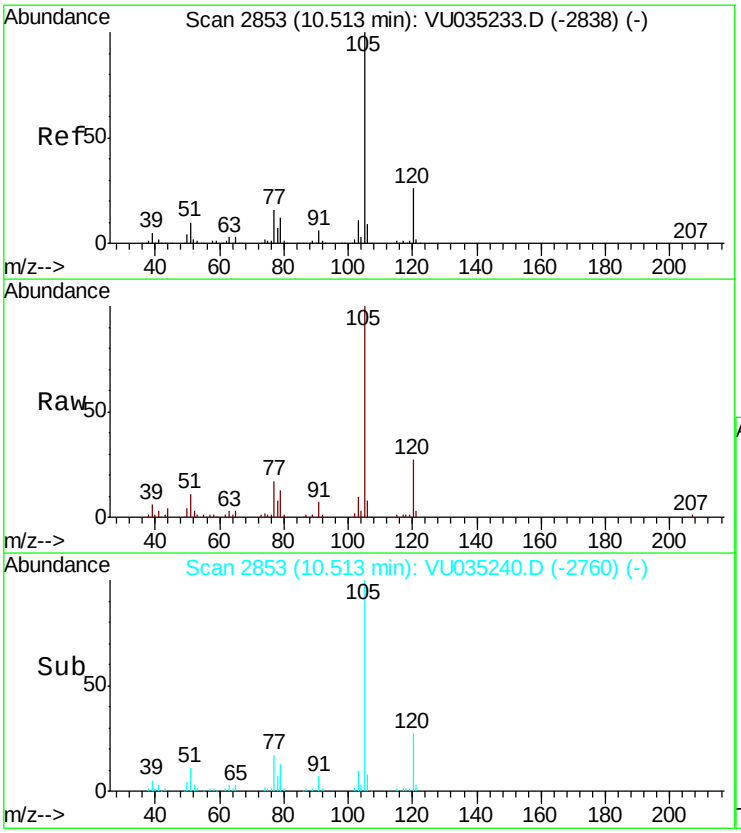
#53
m,p-Xylene
Concen: 0.774 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Instrument : MSVOA_U
ClientSampleId : H0G58

Tgt Ion:106 Resp: 34141

Ion	Ratio	Lower	Upper
106	100		
91	214.3	142.0	263.6





#56
Isopropylbenzene
Concen: 0.489 ug/L
RT: 10.51 min Scan# 2853
Delta R.T. -0.00 min
Lab File: VU035240.D
Acq: 18 Oct 2019 03:43

Tgt Ion:105 Resp: 56613

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.0	31.6
77	17.6	12.6	19.0