Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081720\
Data File : VU039891.D
Acq On : 17 Aug 2020 16:39
Operator : SY/MD
Sample : L3517-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4L62

Quant Time: Aug 18 04:27:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77623	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37191	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17470	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.92	69	18376	4.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.40%			
11) 1,1-Dichloroethene-d2	2.58	63	25911	3.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.80%			
20) 2-Butanone-d5	4.66	46	76685	41.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.40%			
24) Chloroform-d	5.08	84	44933	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%			
26) 1,2-Dichloroethane-d4	5.72	65	26731	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
32) Benzene-d6	5.74	84	81307	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.70	67	28713	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.90	98	63531	3.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.60%			
43) trans-1,3-Dichloropropene-	8.19	79	10507	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.64	63	58661	44.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.42%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25825	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	28956	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
3) Chloromethane	1.59	50	844	0.127	ug/L	97
5) Vinyl chloride	1.61	62	4945	0.776	ug/L	87
13) Acetone	2.66	43	1630	1.485	ug/L	54
18) trans-1,2-Dichloroethene	3.36	96	530	0.102	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	1743	0.308	ug/L	97
33) Benzene	5.79	78	3901	0.184	ug/L	100
34) Trichloroethene	6.56	95	1059	0.193	ug/L #	69
35) Methylcyclohexane	6.70	83	6551	0.747	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3303	0.588	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	976	0.127	ug/L #	79
40) 4-Methyl-2-pentanone	7.80	43	6082	1.449	ug/L #	89
42) Toluene	7.98	91	11461	0.516	ug/L	98
48) 2-Hexanone	8.64	43	8400	2.771	ug/L #	69
52) Ethylbenzene	9.57	91	7038	0.283	ug/L	89
53) m,p-Xylene	9.69	106	9739	1.028	ug/L	99
54) o-Xylene	10.10	106	2644	0.285	ug/L	91
59) 1,2,3-Trichloropropane	11.81	75	5379	1.328	ug/L #	77

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081720\
Data File : VU039891.D
Acq On : 17 Aug 2020 16:39
Operator : SY/MD
Sample : L3517-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4L62

Quant Time: Aug 18 04:27:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
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\VU081720\
Data File : VU039891.D
Acq On : 17 Aug 2020 16:39
Operator : SY/MD
Sample : L3517-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
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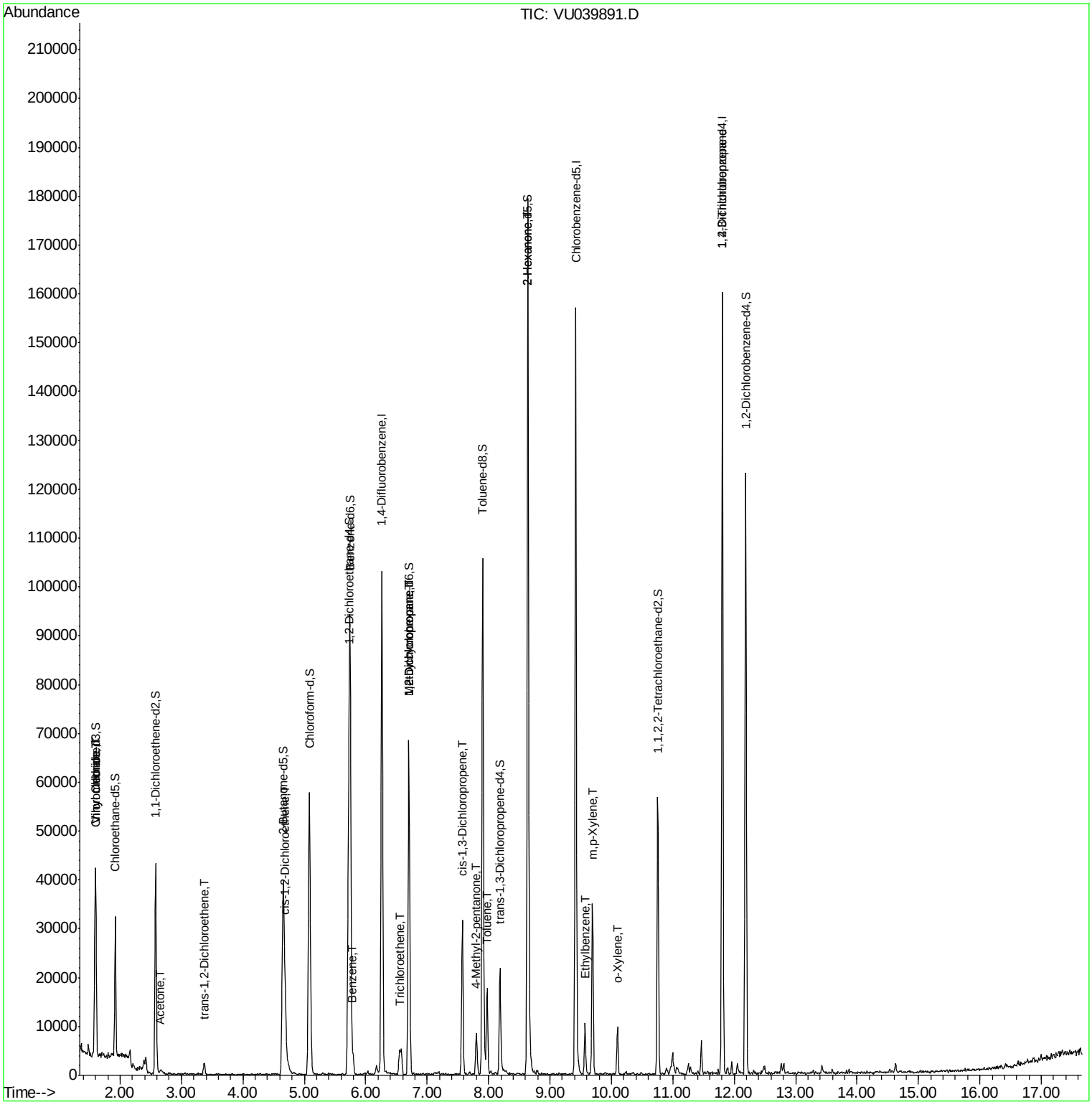
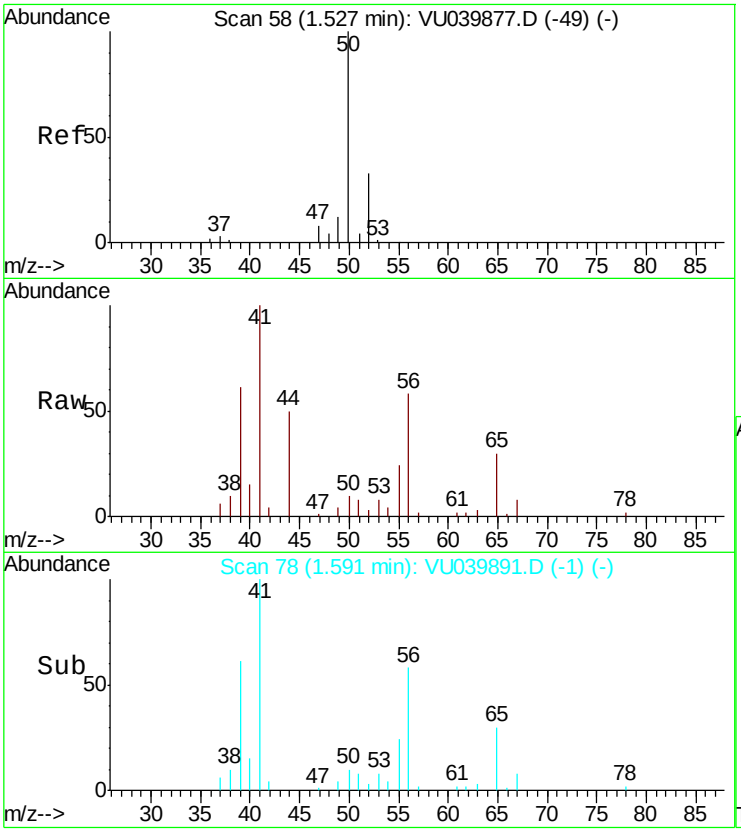
Quant Time: Aug 18 04:27:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration



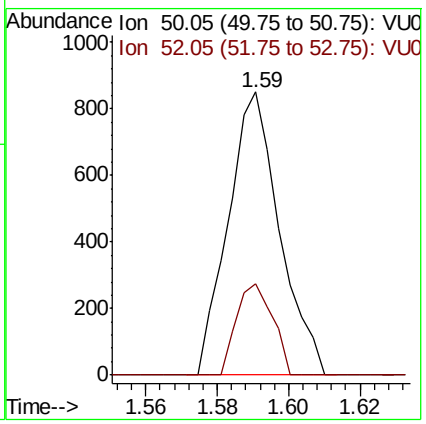


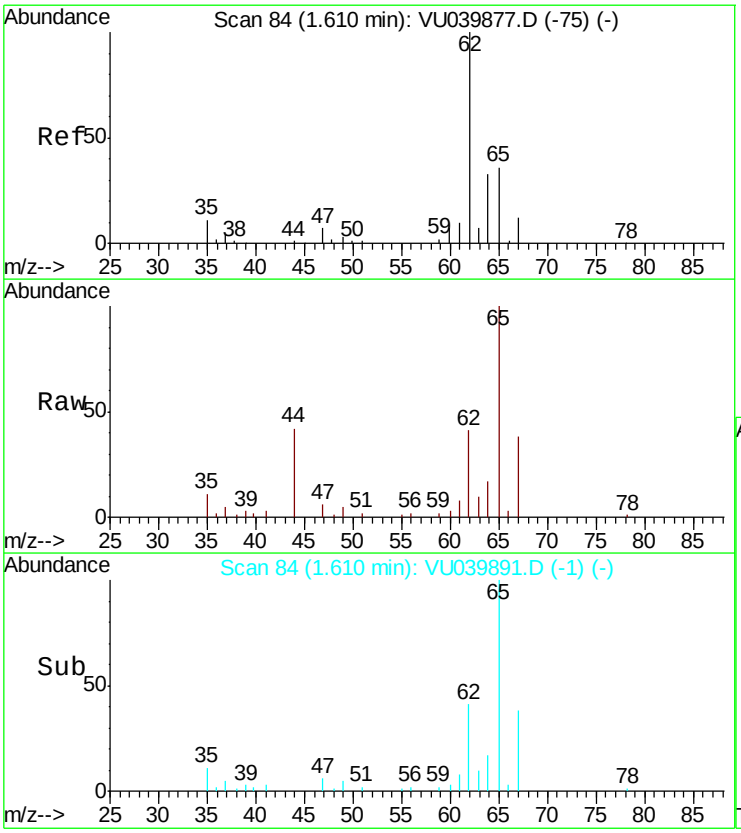
#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.59 min Scan# 78
Delta R.T. 0.06 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument : MSVOA_U
ClientSampleId : F4L62

Tgt Ion: 50 Resp: 844

Ion	Ratio	Lower	Upper
50	100		
52	32.3	21.6	40.0

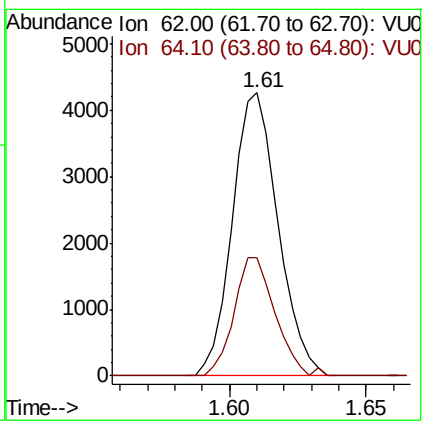


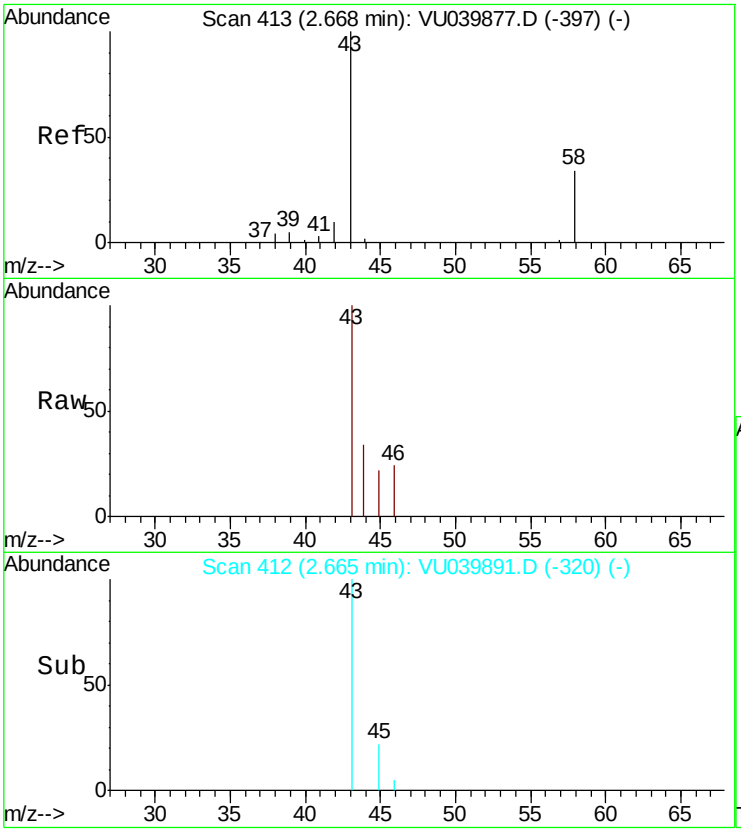


#5
Vinyl chloride
Concen: 0.776 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Tgt Ion: 62 Resp: 4945

Ion	Ratio	Lower	Upper
62	100		
64	41.7	24.1	44.7



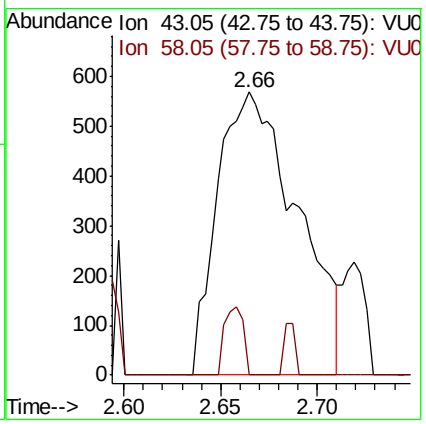


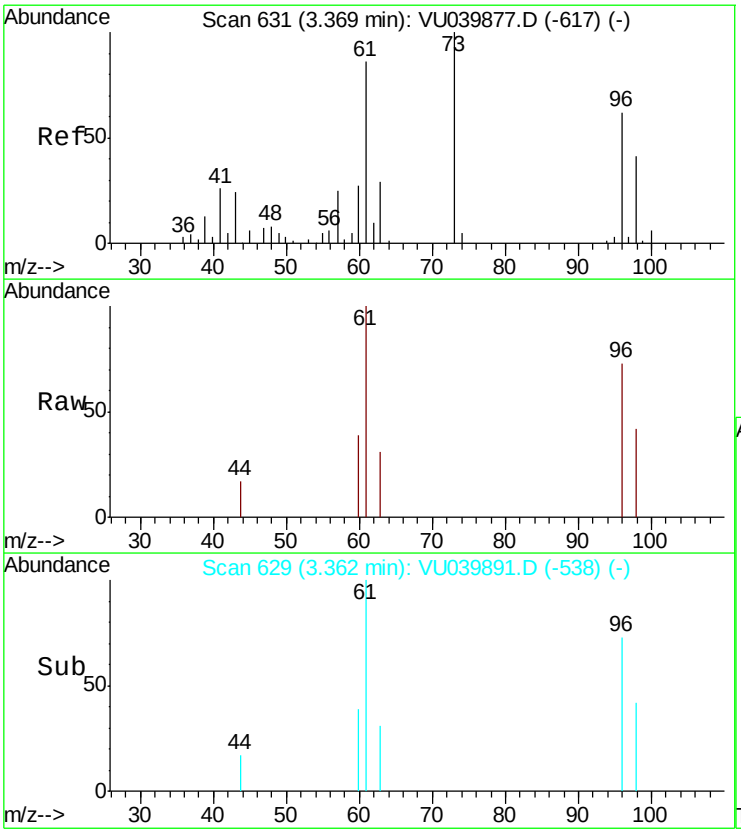
#13
Acetone
Concen: 1.485 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.00 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument : MSVOA_U
ClientSampleId : F4L62

Tgt Ion: 43 Resp: 1630

Ion	Ratio	Lower	Upper
43	100		
58	5.6	0.0	61.8

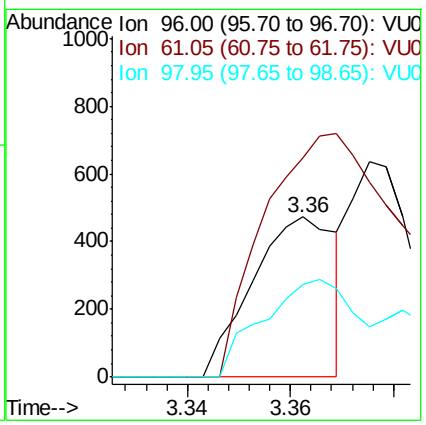


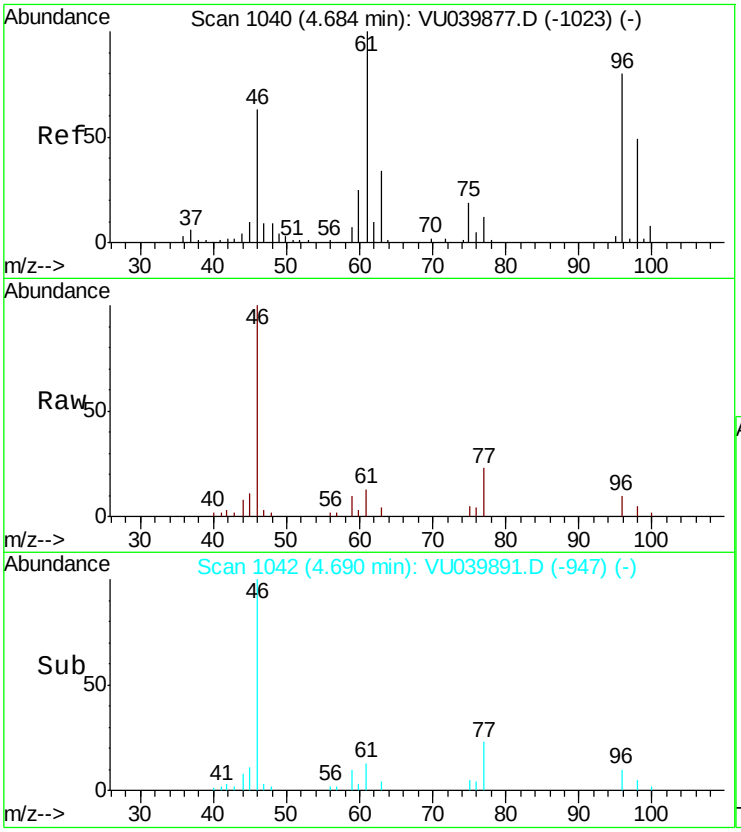


#18
trans-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 3.36 min Scan# 629
Delta R.T. -0.01 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Tgt Ion: 96 Resp: 530

Ion	Ratio	Lower	Upper
96	100		
61	136.9	96.5	179.1
98	57.6	40.9	76.0



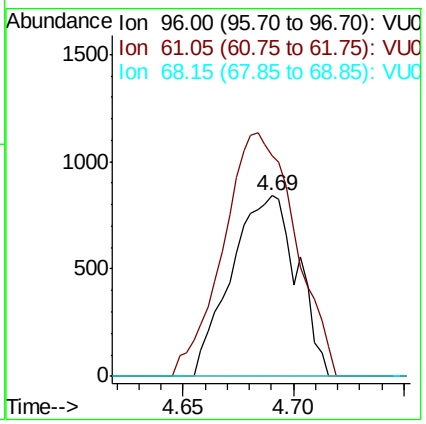


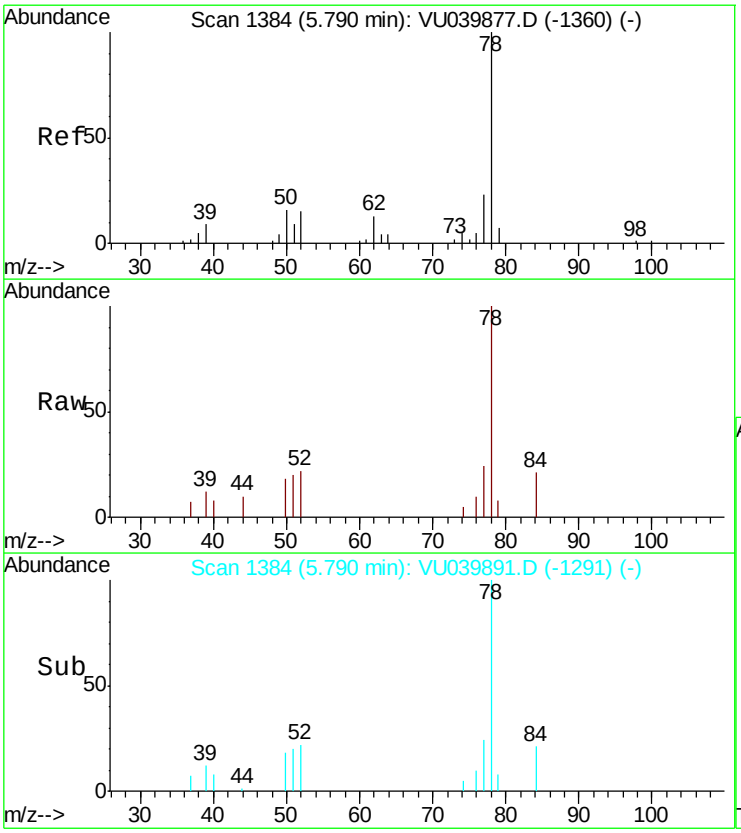
#22
cis-1,2-Dichloroethene
Concen: 0.308 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument : MSVOA_U
ClientSampleId : F4L62

Tgt Ion: 96 Resp: 1743

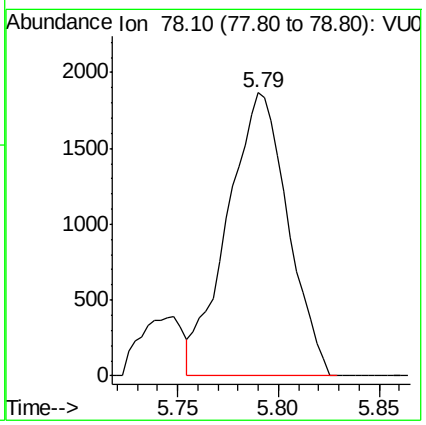
Ion	Ratio	Lower	Upper
96	100		
61	121.7	87.4	162.2
68	0.0	0.0	0.0

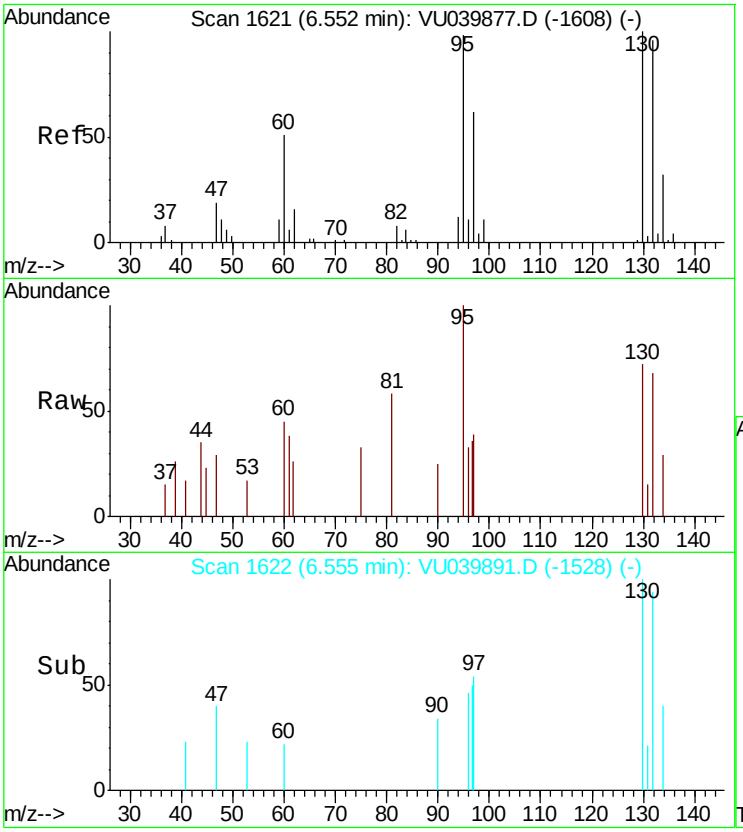




#33
Benzene
Concen: 0.184 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Tgt Ion: 78 Resp: 3901



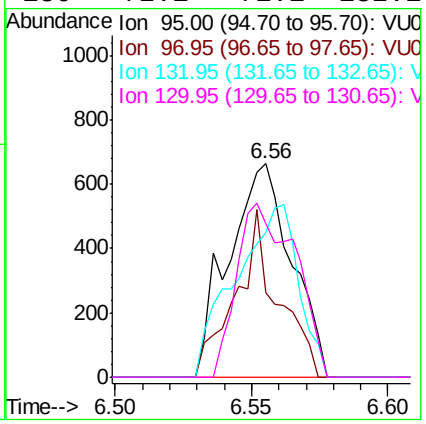


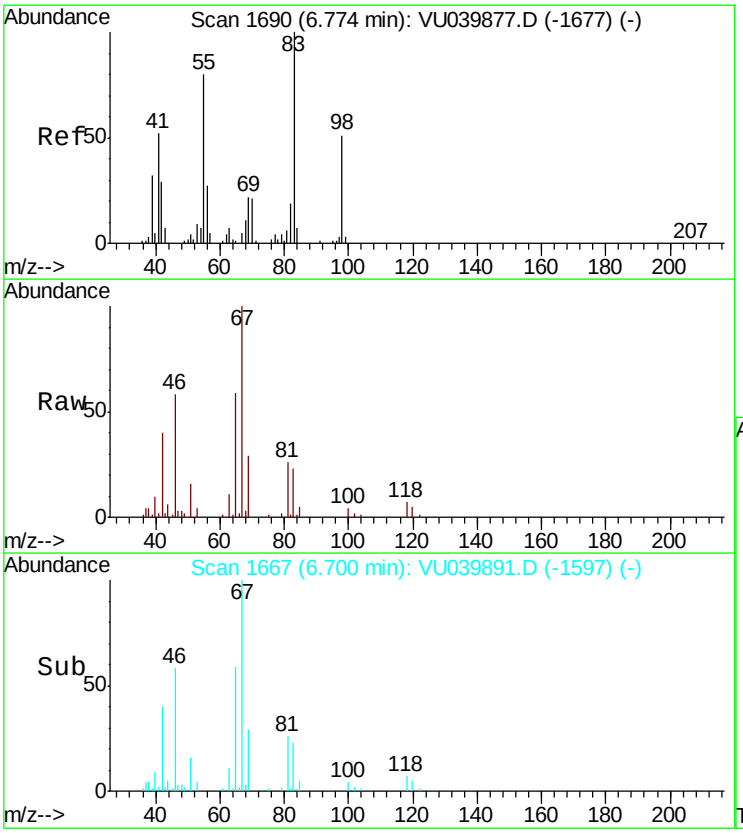
#34
Trichloroethene
Concen: 0.193 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :
F4L62

Tgt Ion: 95 Resp: 1059

Ion	Ratio	Lower	Upper
95	100		
97	39.3	44.0	81.8#
132	67.9	71.7	133.3#
130	72.1	71.1	132.1

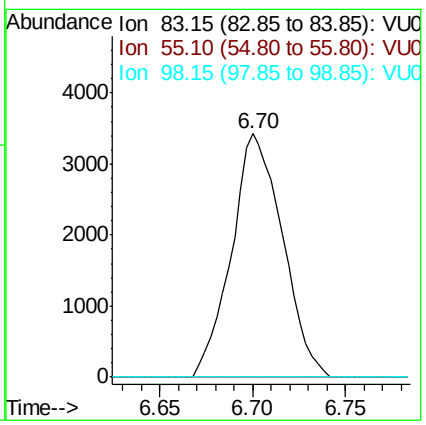


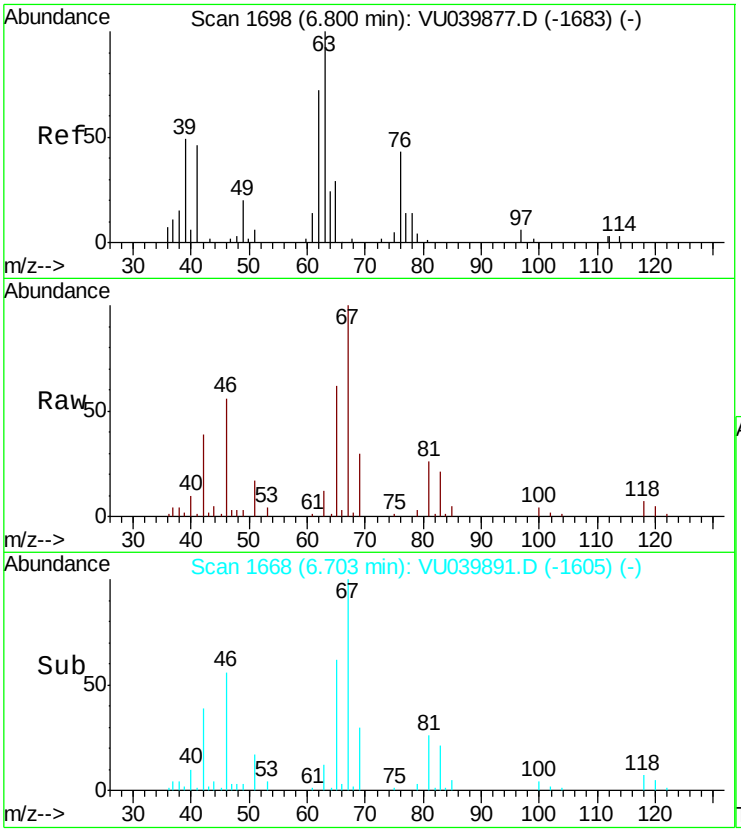


#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Tgt Ion: 83 Resp: 6551

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.7	39.0	58.4#



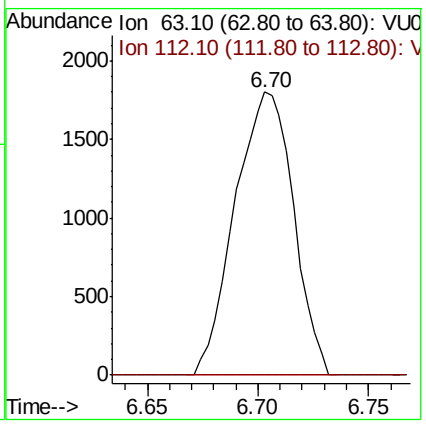


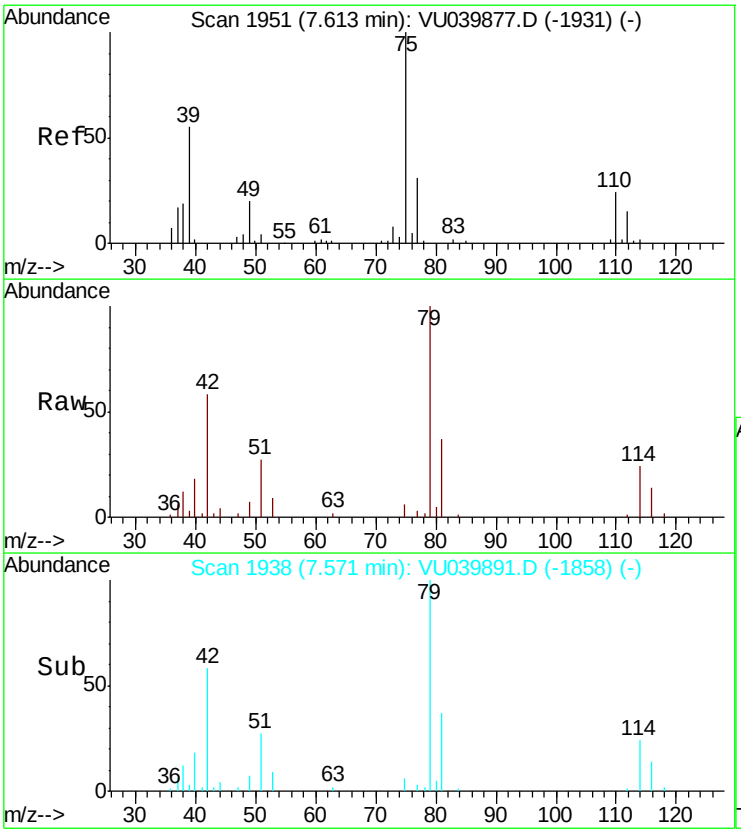
#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :
F4L62

Tgt Ion: 63 Resp: 3303

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

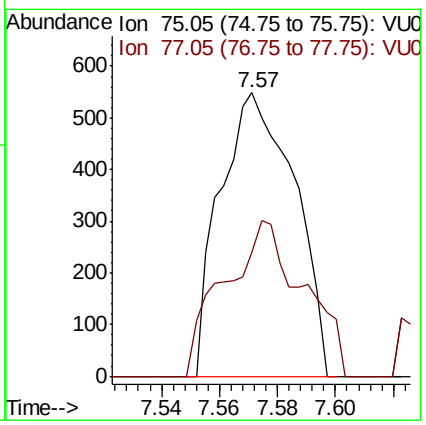


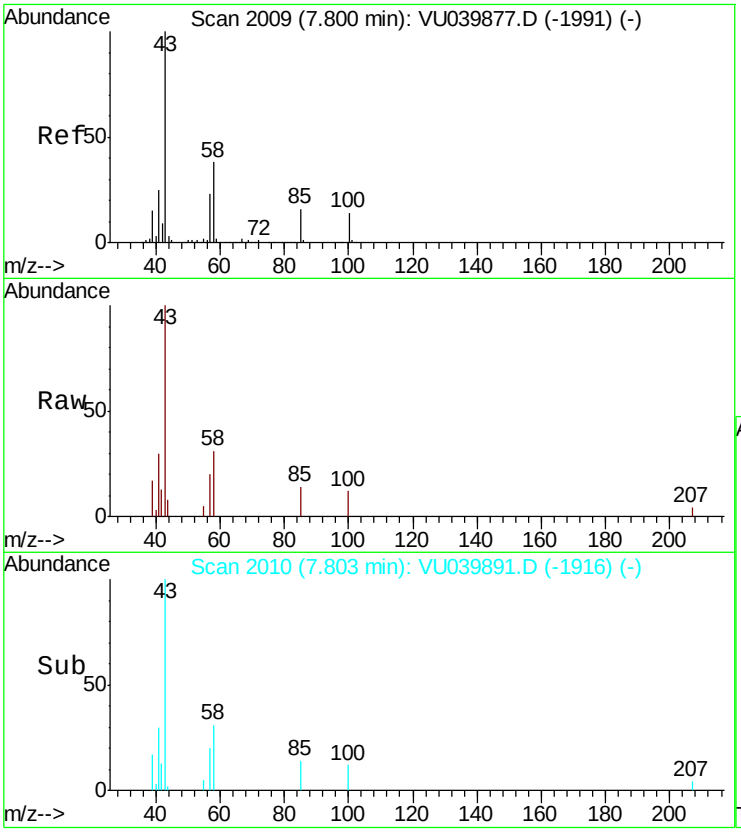


#39
cis-1,3-Dichloropropene
Concen: 0.127 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Tgt Ion: 75 Resp: 976

Ion	Ratio	Lower	Upper
75	100		
77	43.8	22.4	41.6#



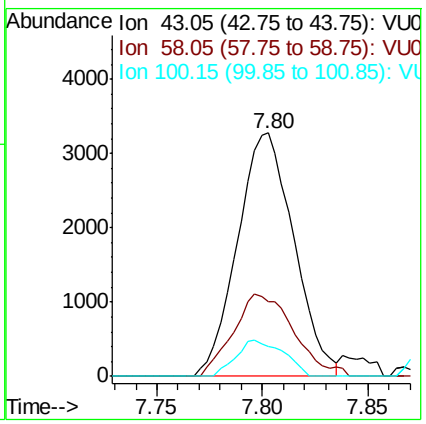


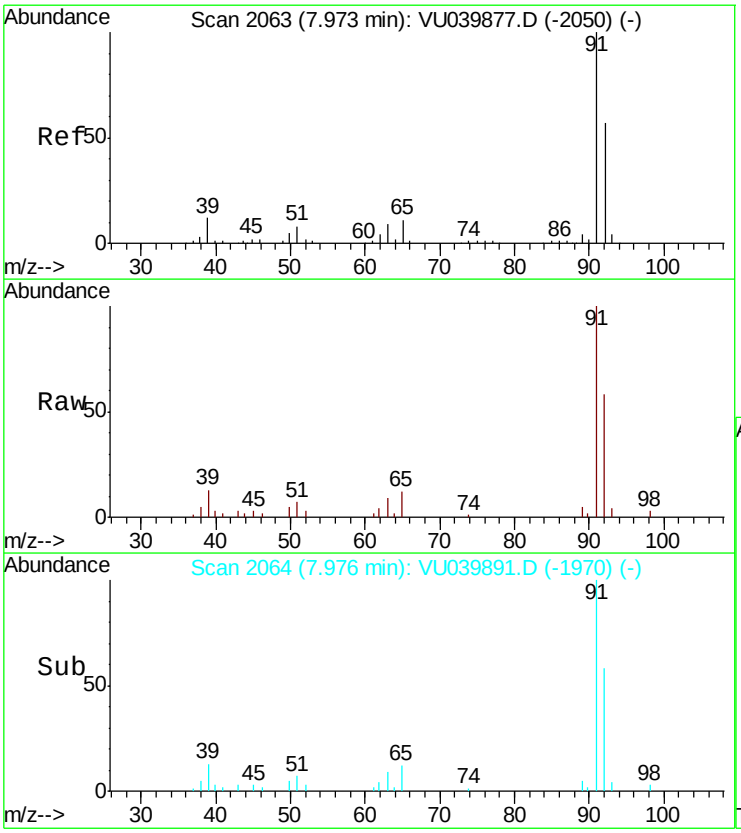
#40
4-Methyl-2-pentanone
Concen: 1.449 ug/L
RT: 7.80 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument : MSVOA_U
ClientSampleId : F4L62

Tgt Ion: 43 Resp: 6082

Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.4	44.2
100	0.0	11.7	17.5#

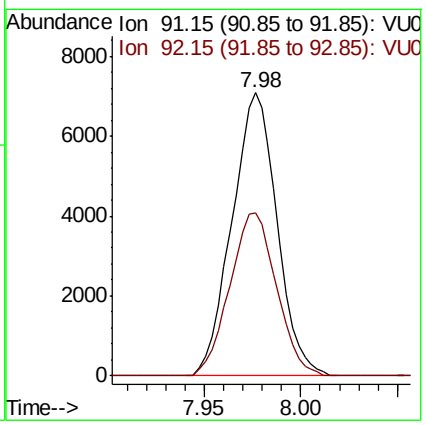


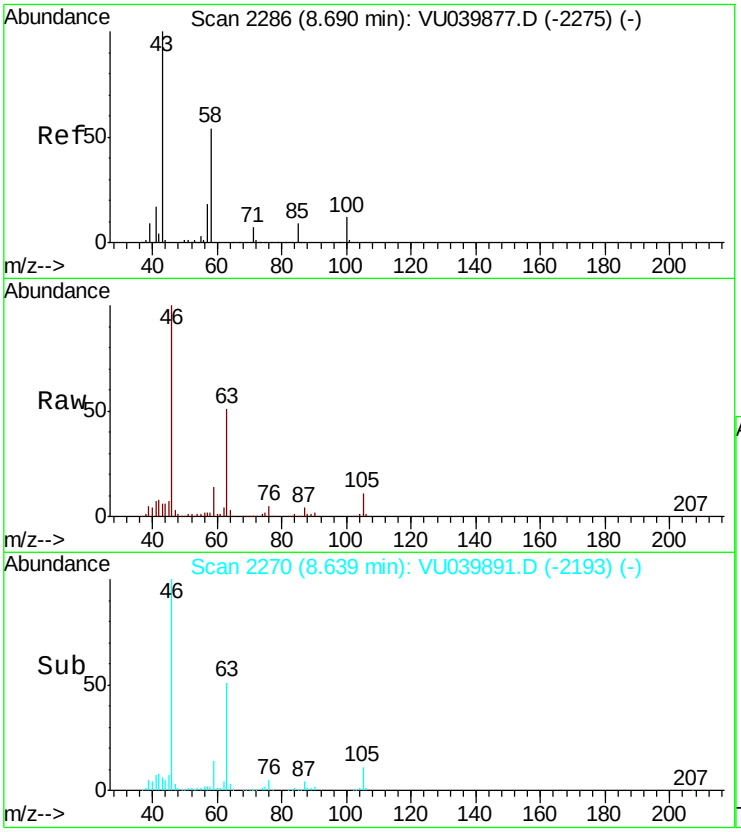


#42
Toluene
Concen: 0.516 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Tgt Ion: 91 Resp: 11461

Ion	Ratio	Lower	Upper
91	100		
92	57.7	41.6	77.3



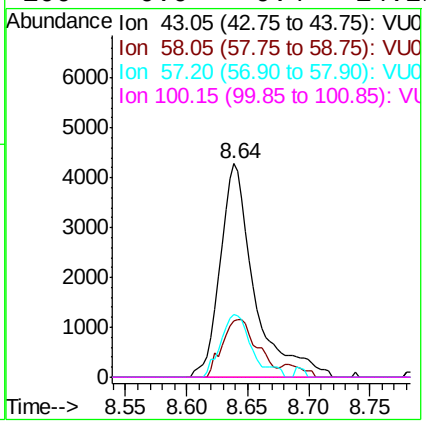


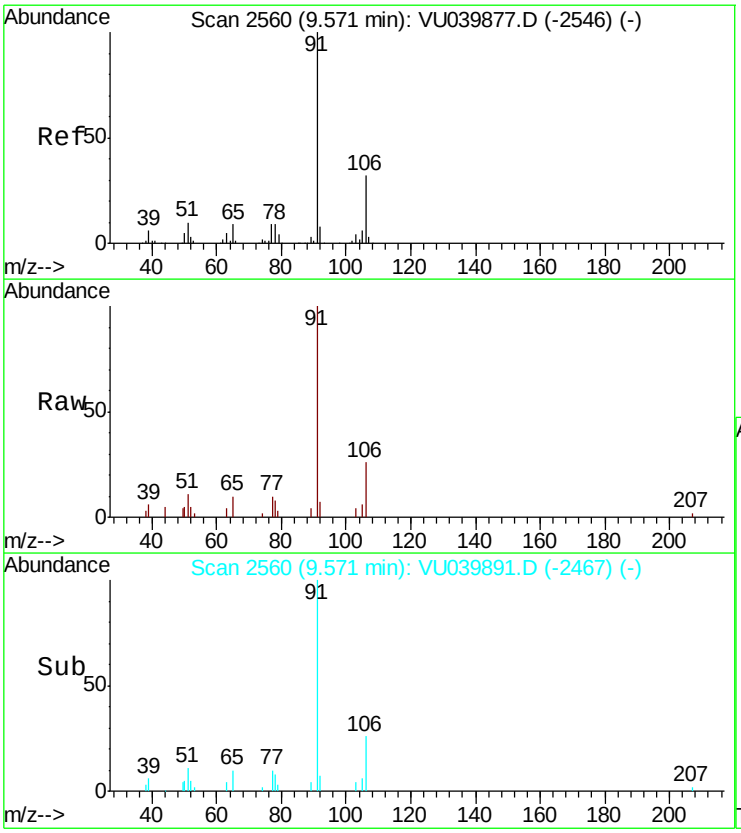
#48
2-Hexanone
Concen: 2.771 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument : MSVOA_U
ClientSampleId : F4L62

Tgt Ion: 43 Resp: 8400

Ion	Ratio	Lower	Upper
43	100		
58	27.5	41.8	62.8#
57	27.0	14.2	21.4#
100	0.0	9.4	14.2#

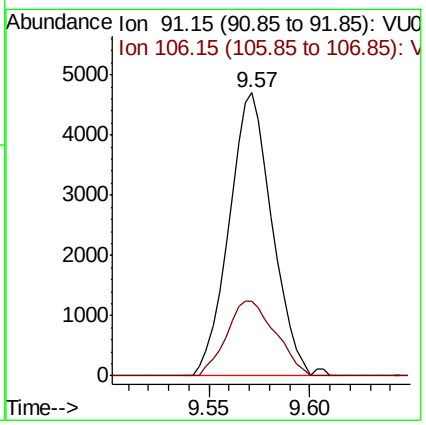


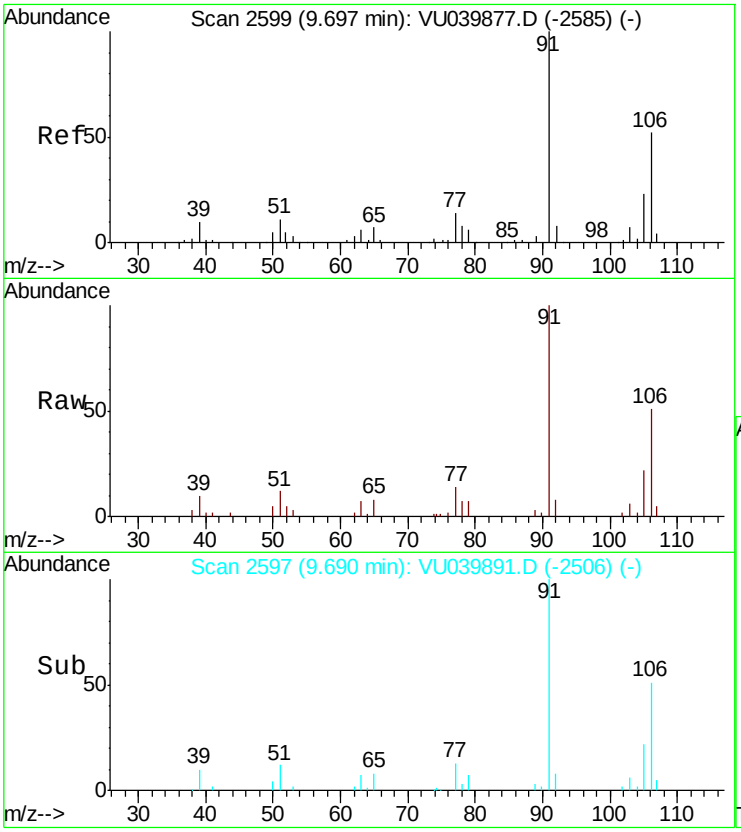


#52
Ethylbenzene
Concen: 0.283 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Tgt Ion: 91 Resp: 7038

Ion	Ratio	Lower	Upper
91	100		
106	26.5	22.8	42.4



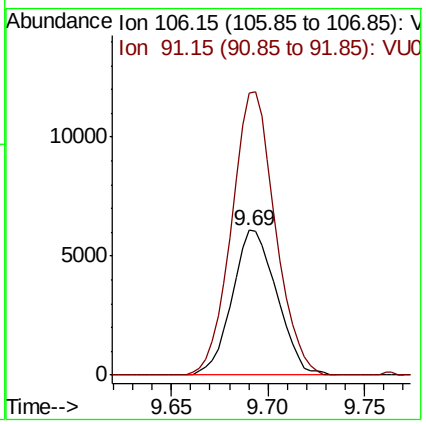


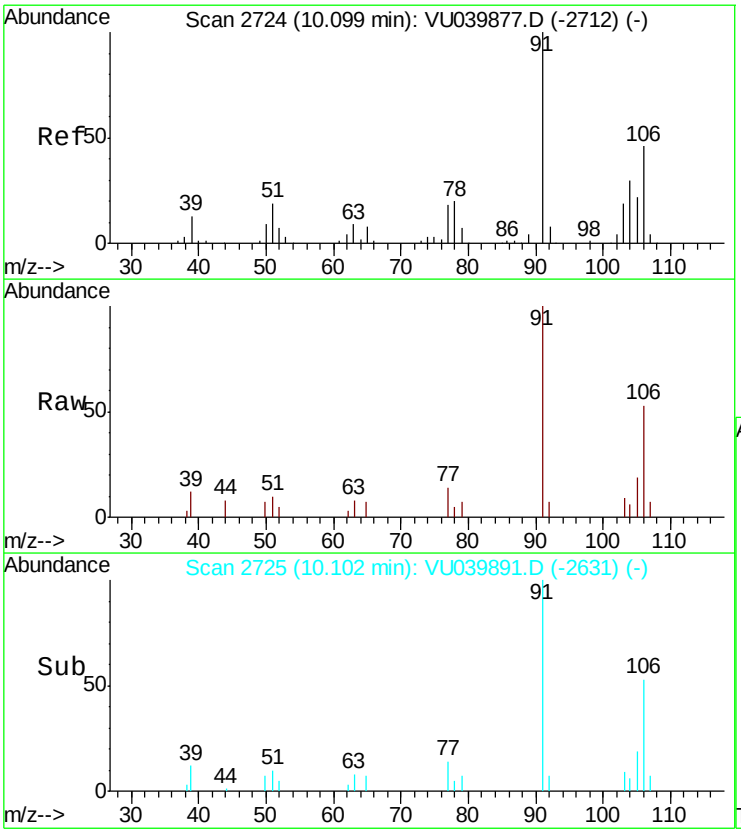
#53
m,p-Xylene
Concen: 1.028 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.01 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :
F4L62

Tgt Ion:106 Resp: 9739

Ion	Ratio	Lower	Upper
106	100		
91	194.9	135.5	251.7

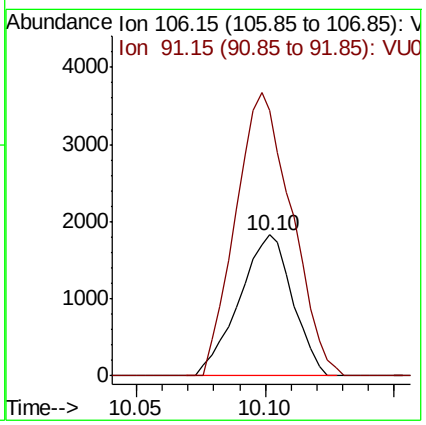


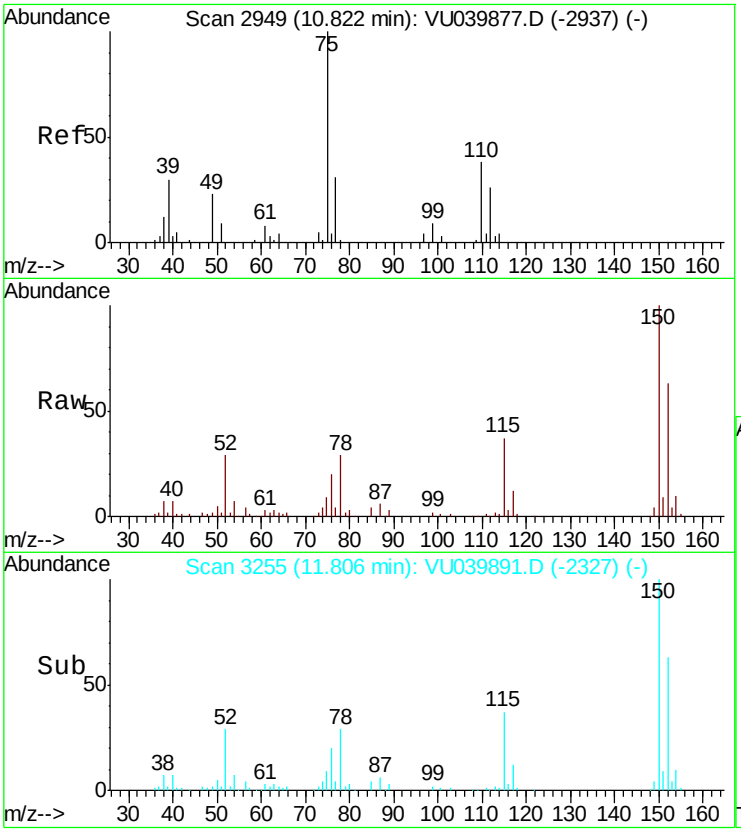


#54
o-Xylene
Concen: 0.285 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Tgt Ion:106 Resp: 2644

Ion	Ratio	Lower	Upper
106	100		
91	188.1	140.8	261.6





#59
1,2,3-Trichloropropane
Concen: 1.328 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :
F4L62

Tgt Ion: 75 Resp: 5379

Ion	Ratio	Lower	Upper
75	100		
77	43.6	24.6	37.0#