Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081020\
Data File : VU039828.D
Acq On : 10 Aug 2020 16:55
Operator : SY/MD
Sample : L3578-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 11 04:59:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 11 04:57:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	81230	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80217	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37640	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27689	6.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 126.20%			
7) Chloroethane-d5	1.92	69	20047	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.60%			
11) 1,1-Dichloroethene-d2	2.58	63	32891	3.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.40%			
20) 2-Butanone-d5	4.67	46	98748	51.19	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.38%			
24) Chloroform-d	5.08	84	41923	3.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.60%			
26) 1,2-Dichloroethane-d4	5.72	65	25028	3.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.80%			
32) Benzene-d6	5.74	84	77970	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.80%			
36) 1,2-Dichloropropane-d6	6.70	67	25649	3.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.40%			
41) Toluene-d8	7.91	98	65339	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	8.18	79	9014	3.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.00%			
46) 2-Hexanone-d5	8.64	63	55576	40.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.96%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23046	3.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 72.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	29531	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	6296	0.914	ug/L	83
5) Vinyl chloride	1.61	62	940137	142.347	ug/L	100
8) Chloroethane	2.09	64	2172	0.448	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	17716	3.179	ug/L	96
12) 1,1-Dichloroethene	2.59	96	6782	1.400	ug/L #	47
13) Acetone	2.66	43	1841	1.619	ug/L	72
18) trans-1,2-Dichloroethene	3.37	96	171060	31.709	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	10130545	1726.557	ug/L	73
34) Trichloroethene	6.55	95	11424	2.013	ug/L	91
35) Methylcyclohexane	6.70	83	5902	0.651	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	2978	0.513	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	696	0.088	ug/L #	81
52) Ethylbenzene	9.57	91	6014	0.234	ug/L	97
53) m,p-Xylene	9.70	106	1153	0.118	ug/L	64
59) 1,2,3-Trichloropropane	11.81	75	4788	1.143	ug/L #	79

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081020\
Data File : VU039828.D
Acq On : 10 Aug 2020 16:55
Operator : SY/MD
Sample : L3578-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 11 04:59:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 11 04:57:12 2020
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 (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081020\
Data File : VU039828.D
Acq On : 10 Aug 2020 16:55
Operator : SY/MD
Sample : L3578-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

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MSVOA_U
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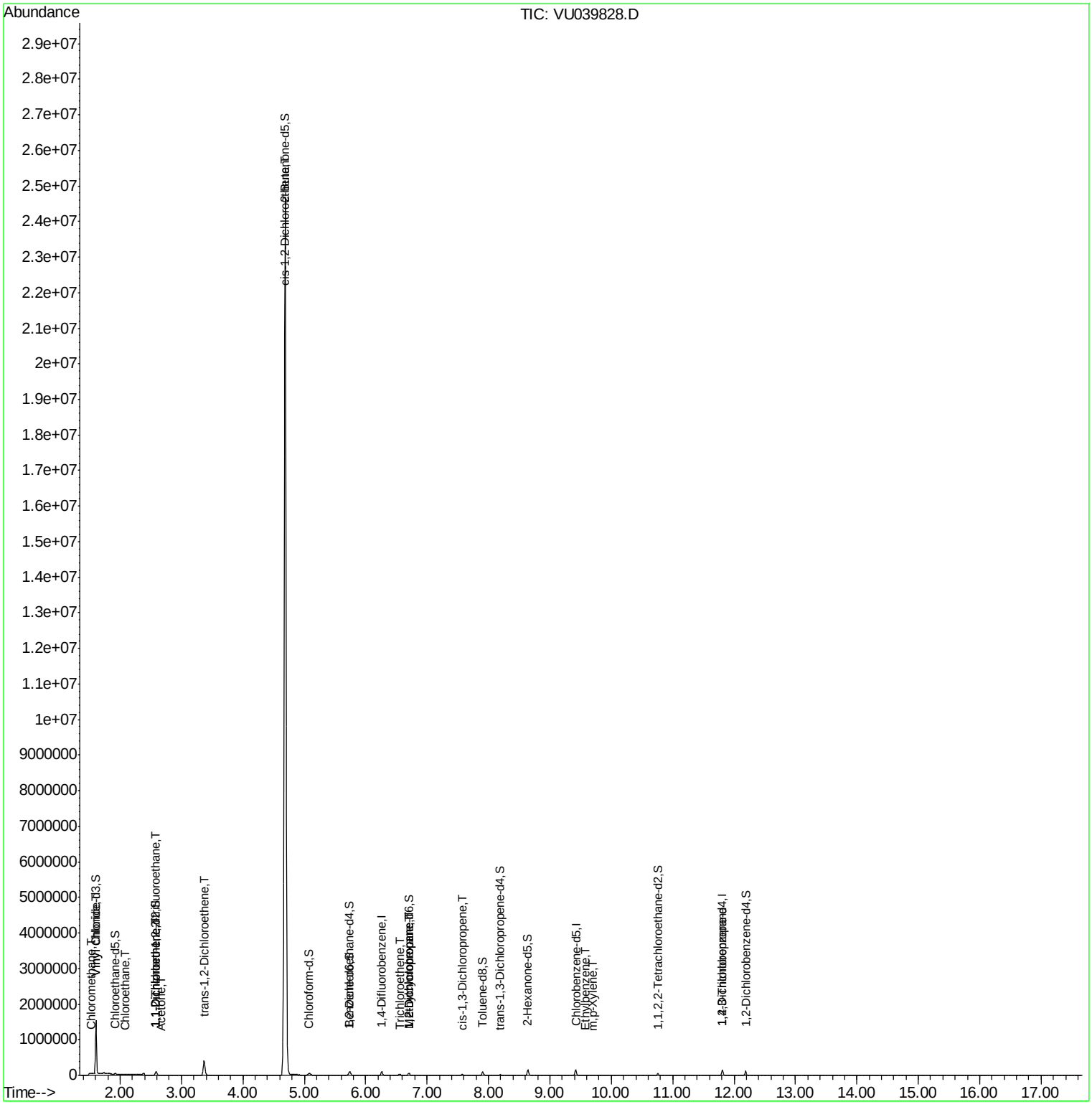
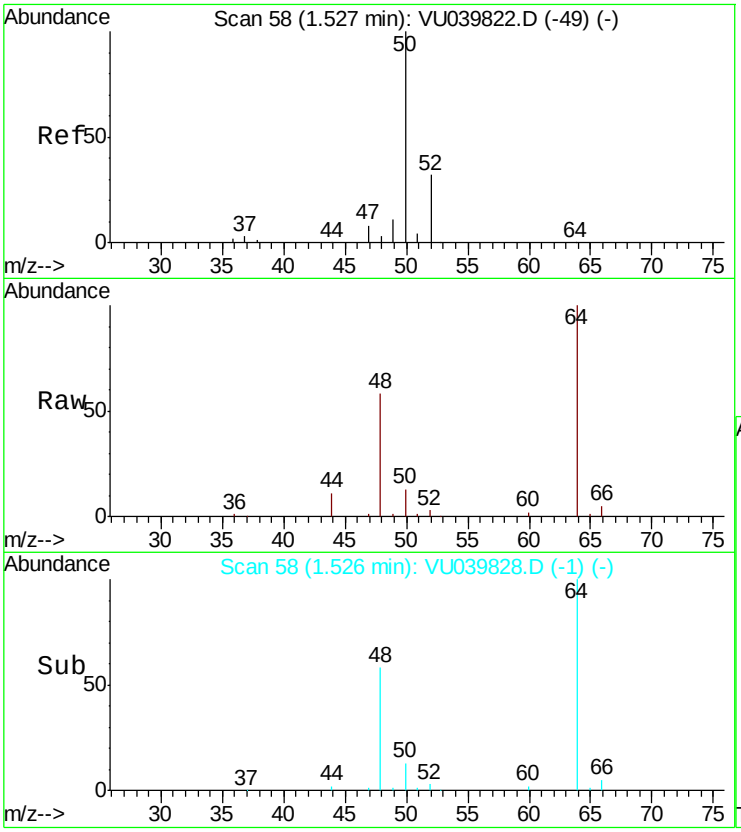
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 11 04:57:12 2020
Response via : Initial Calibration



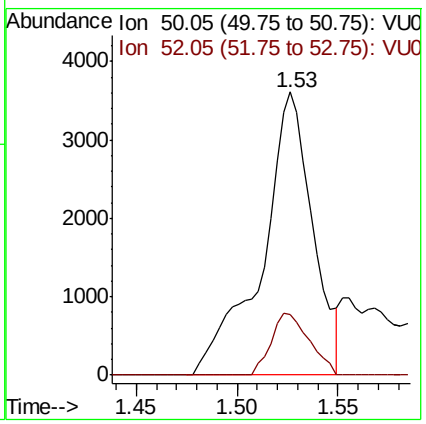


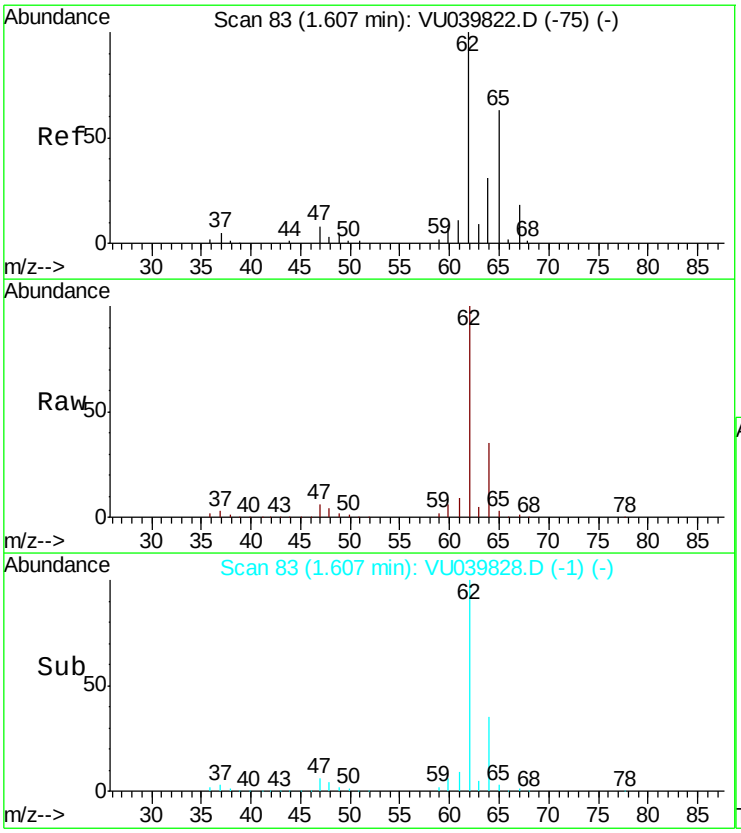
#3
Chloromethane
Concen: 0.914 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 6296

Ion	Ratio	Lower	Upper
50	100		
52	21.7	21.6	40.0

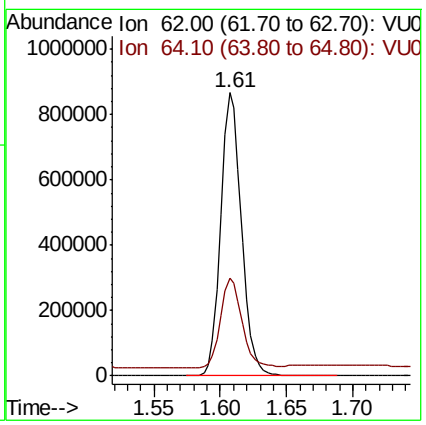


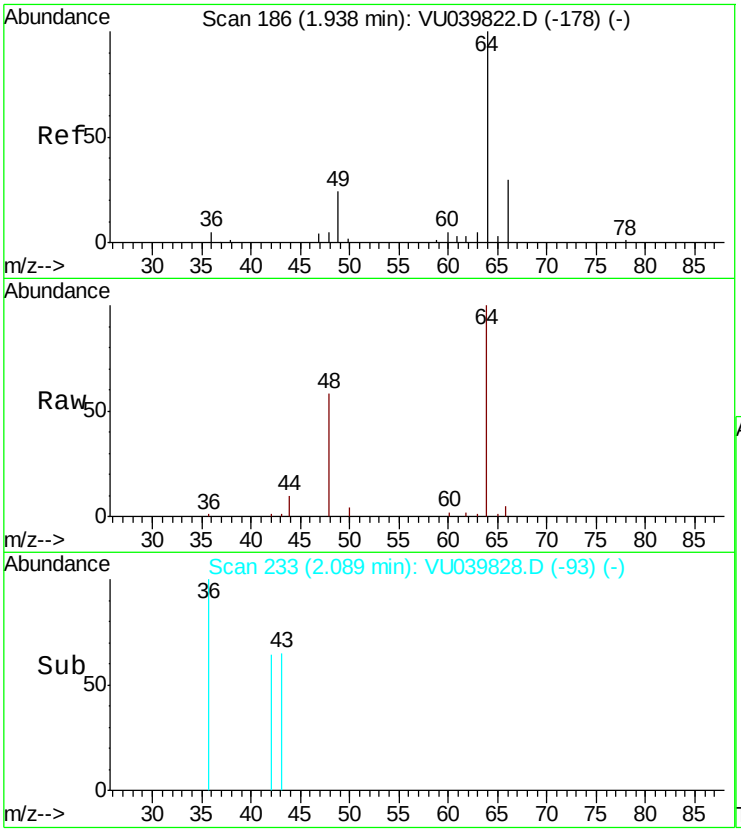


#5
Vinyl chloride
Concen: 142.347 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Tgt Ion: 62 Resp: 940137

Ion	Ratio	Lower	Upper
62	100		
64	34.6	24.1	44.7



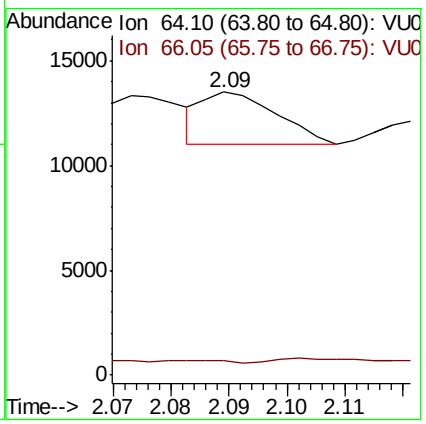


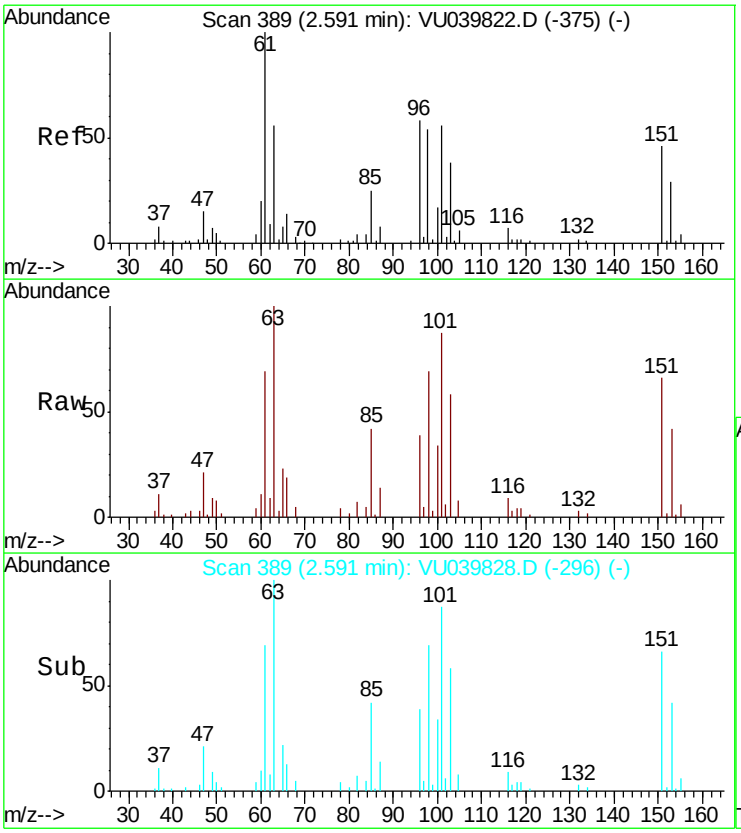
#8
Chloroethane
Concen: 0.448 ug/L
RT: 2.09 min Scan# 233
Delta R.T. 0.15 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 2172

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.3	41.3#

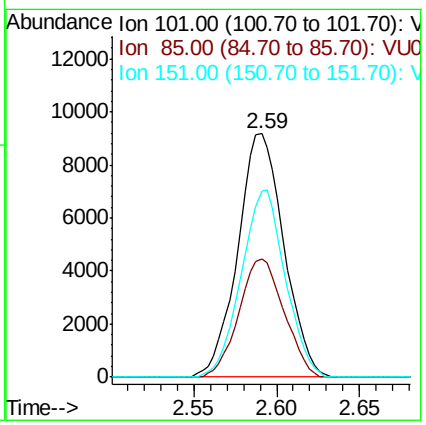


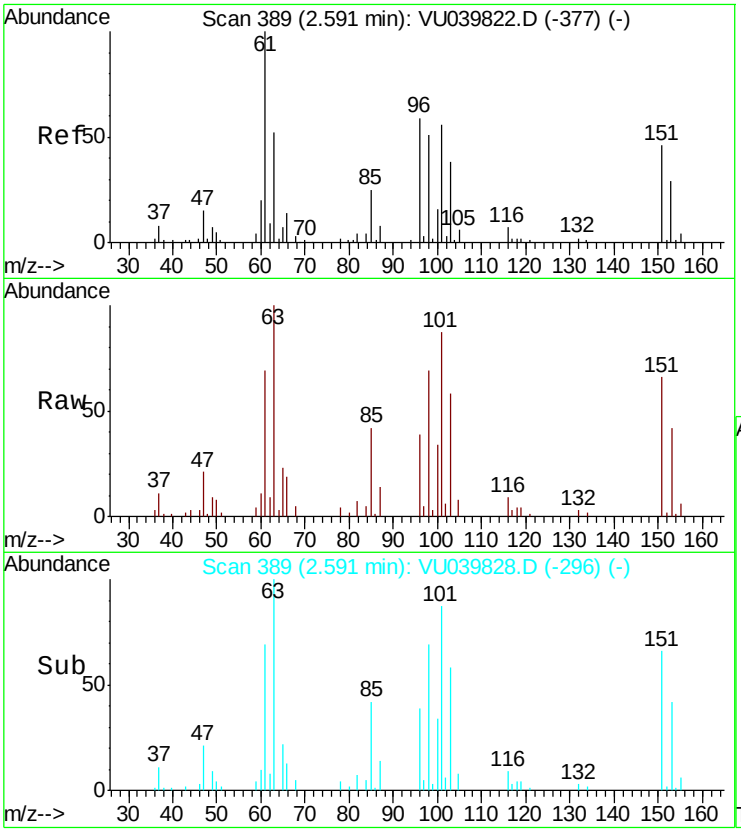


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.179 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Tgt Ion:101 Resp: 17716

Ion	Ratio	Lower	Upper
101	100		
85	47.5	37.9	56.9
151	73.2	54.7	82.1



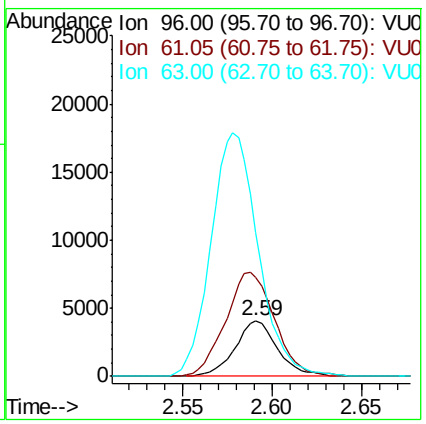


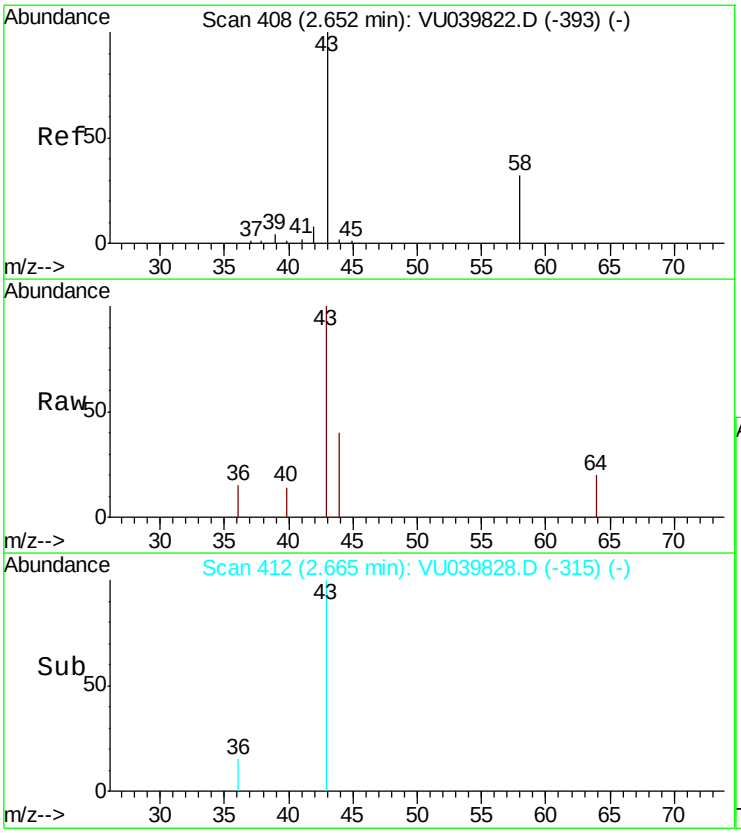
#12
1,1-Dichloroethene
Concen: 1.400 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 6782

Ion	Ratio	Lower	Upper
96	100		
61	177.5	121.7	225.9
63	256.4	82.1	152.5#

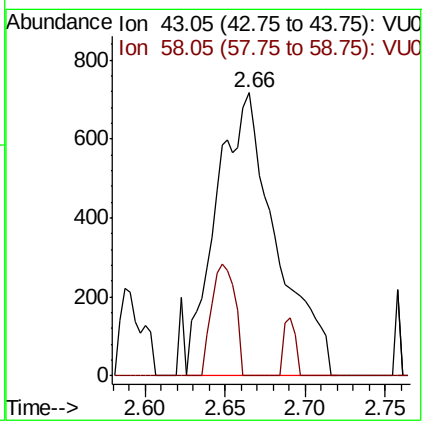


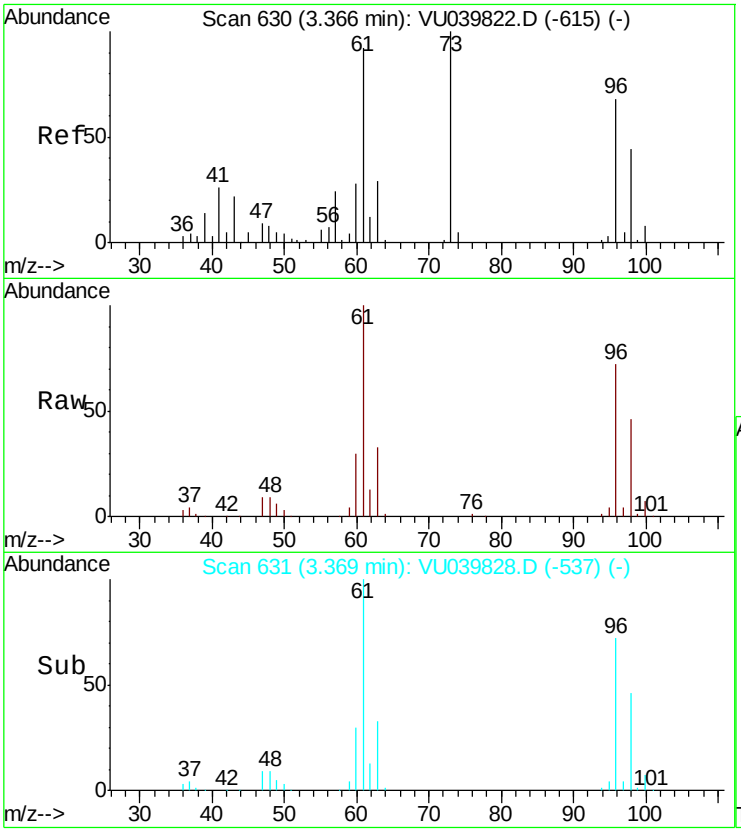


#13
Acetone
Concen: 1.619 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Tgt Ion: 43 Resp: 1841

Ion	Ratio	Lower	Upper
43	100		
58	15.7	0.0	61.8



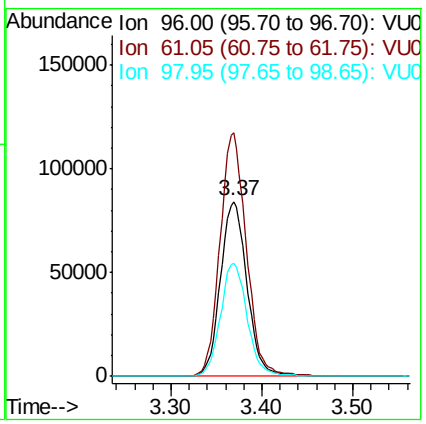


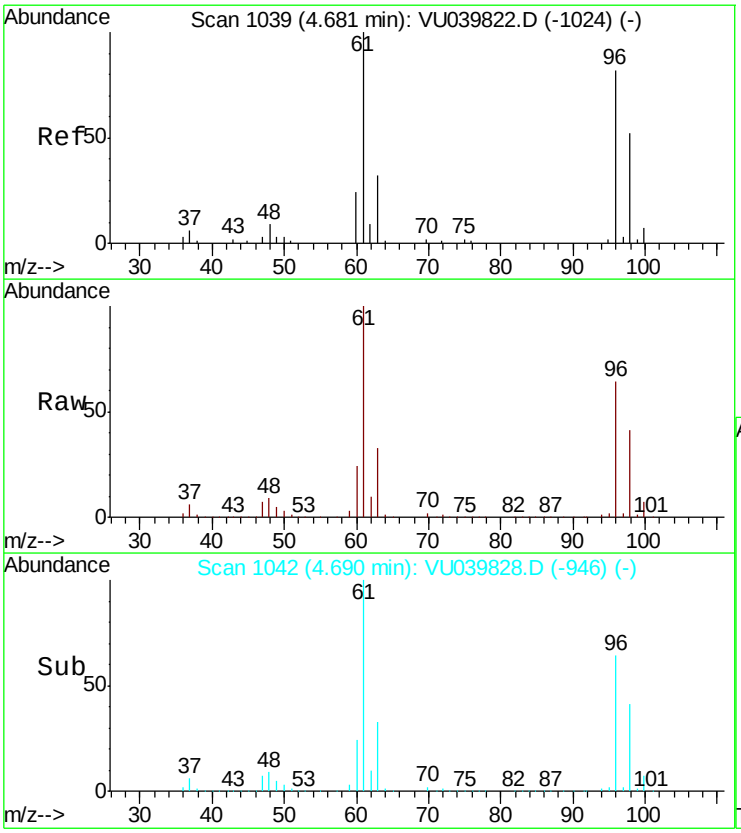
#18
trans-1,2-Dichloroethene
Concen: 31.709 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 171060

Ion	Ratio	Lower	Upper
96	100		
61	139.4	96.5	179.1
98	64.6	40.9	76.0

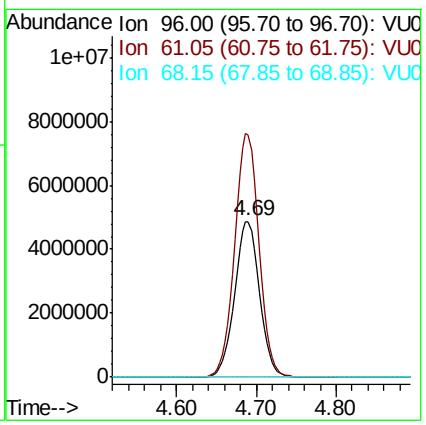


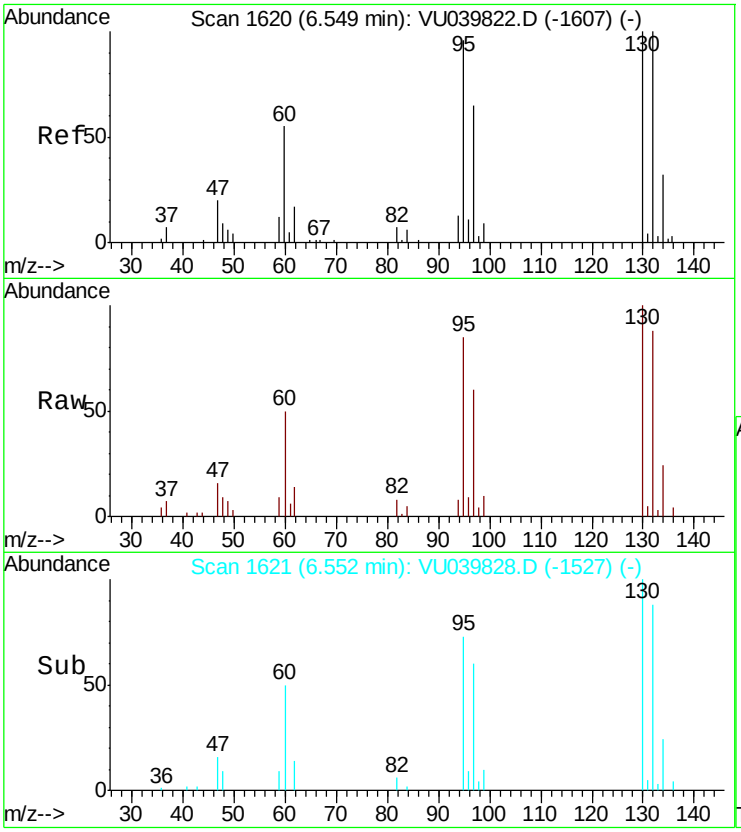


#22
cis-1,2-Dichloroethene
Concen: 1726.557 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Tgt Ion: 96 Resp:10130545

Ion	Ratio	Lower	Upper
96	100		
61	155.8	87.4	162.2
68	0.0	0.0	0.0



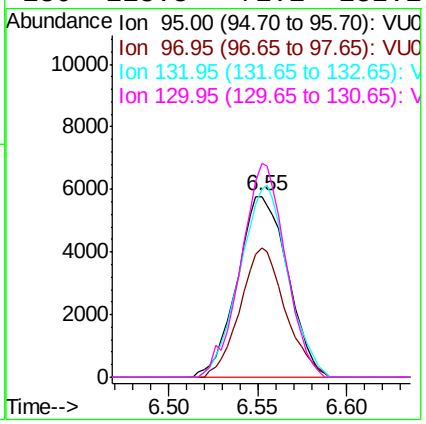


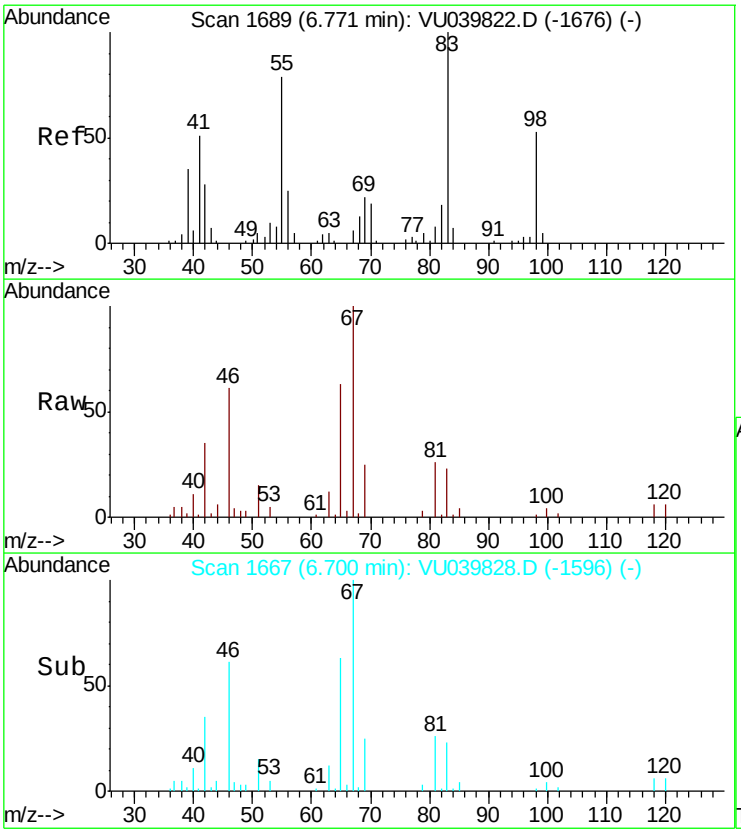
#34
Trichloroethene
Concen: 2.013 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 11424

Ion	Ratio	Lower	Upper
95	100		
97	71.5	44.0	81.8
132	104.1	71.7	133.3
130	118.3	71.1	132.1

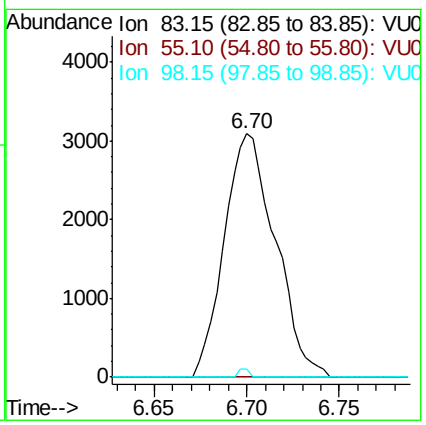


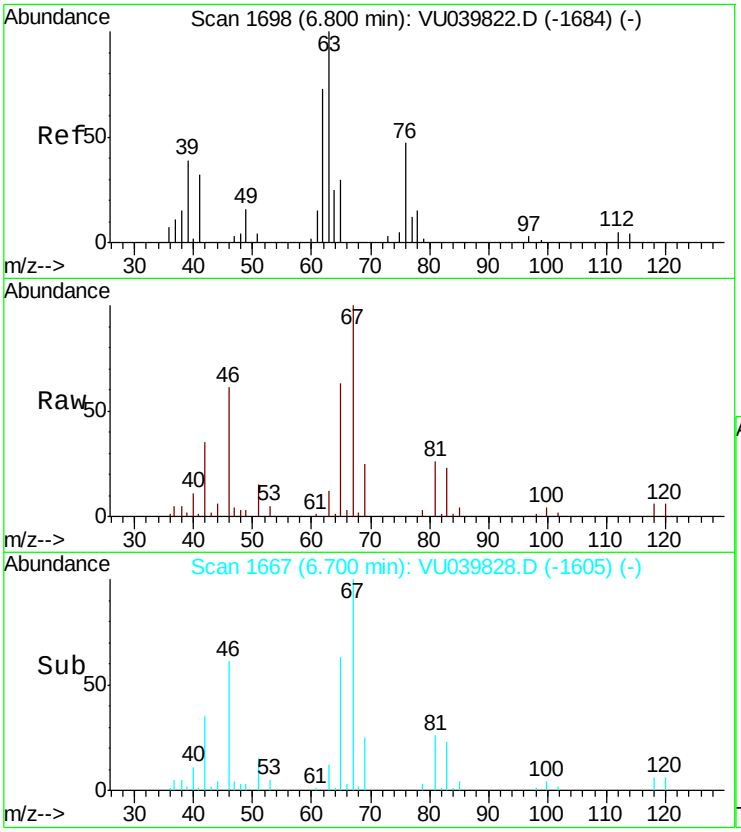


#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Tgt Ion: 83 Resp: 5902

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



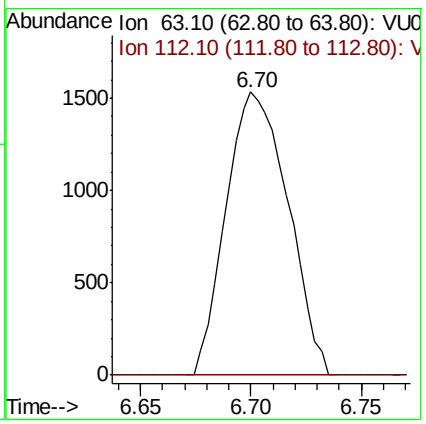


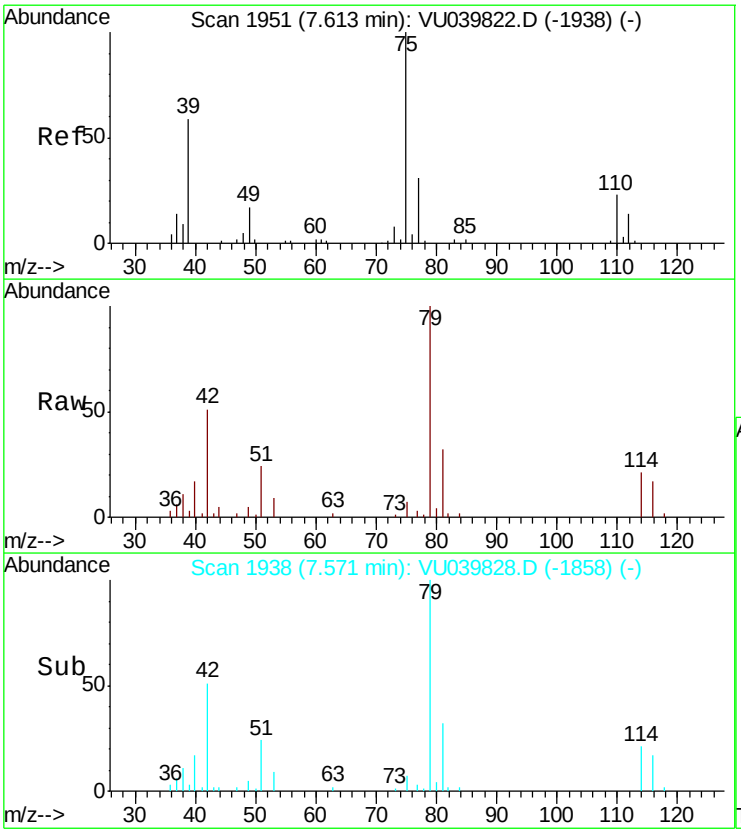
#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2978

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

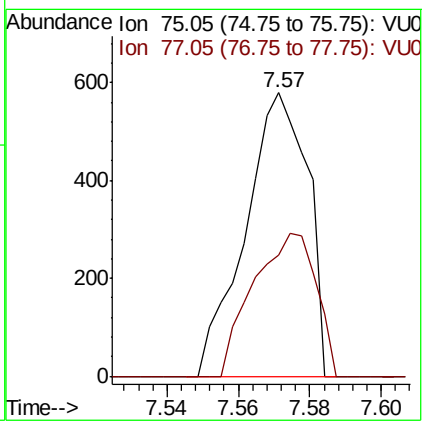


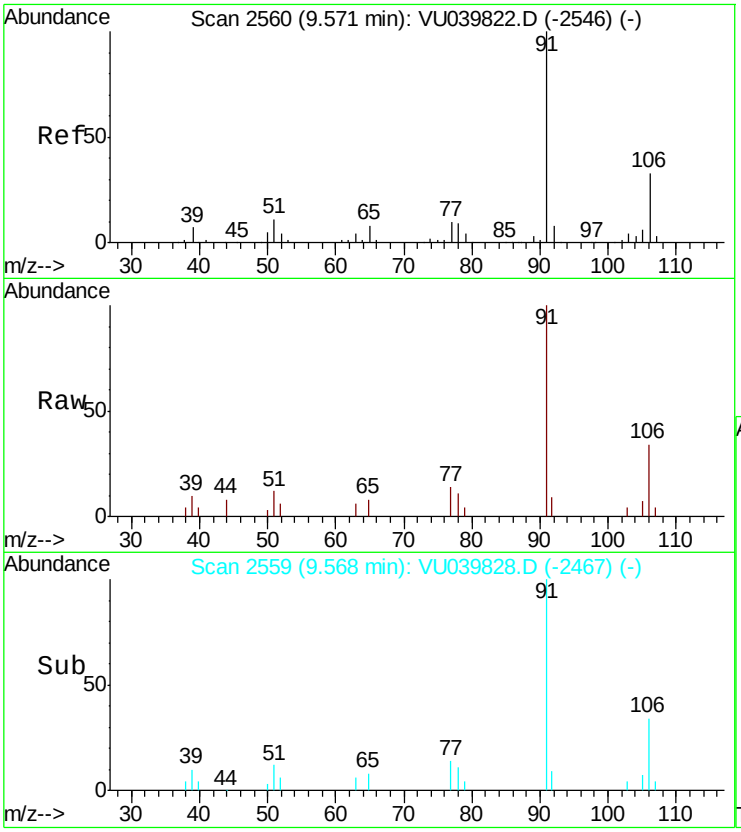


#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Tgt Ion: 75 Resp: 696

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.4	41.6#



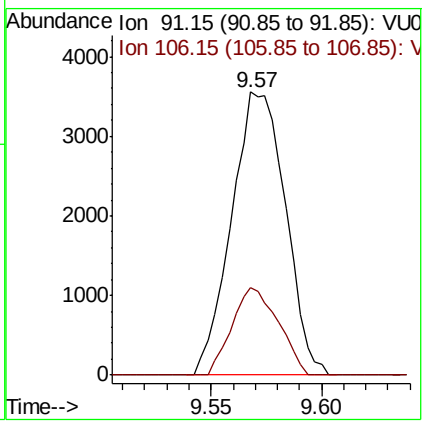


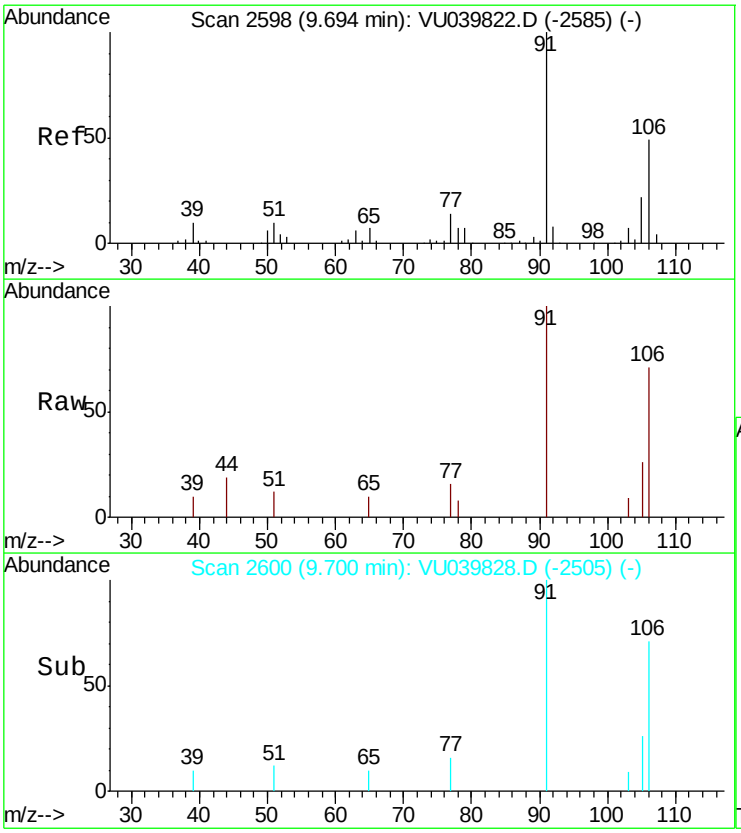
#52
Ethylbenzene
Concen: 0.234 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. -0.00 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 6014

Ion	Ratio	Lower	Upper
91	100		
106	30.9	22.8	42.4

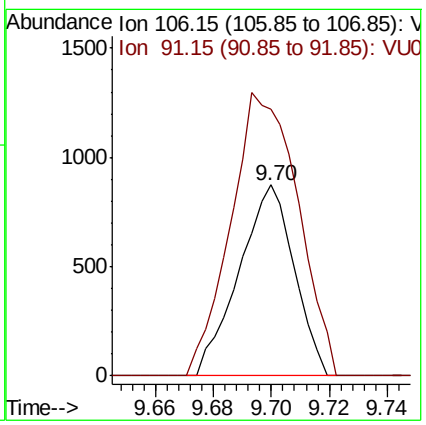


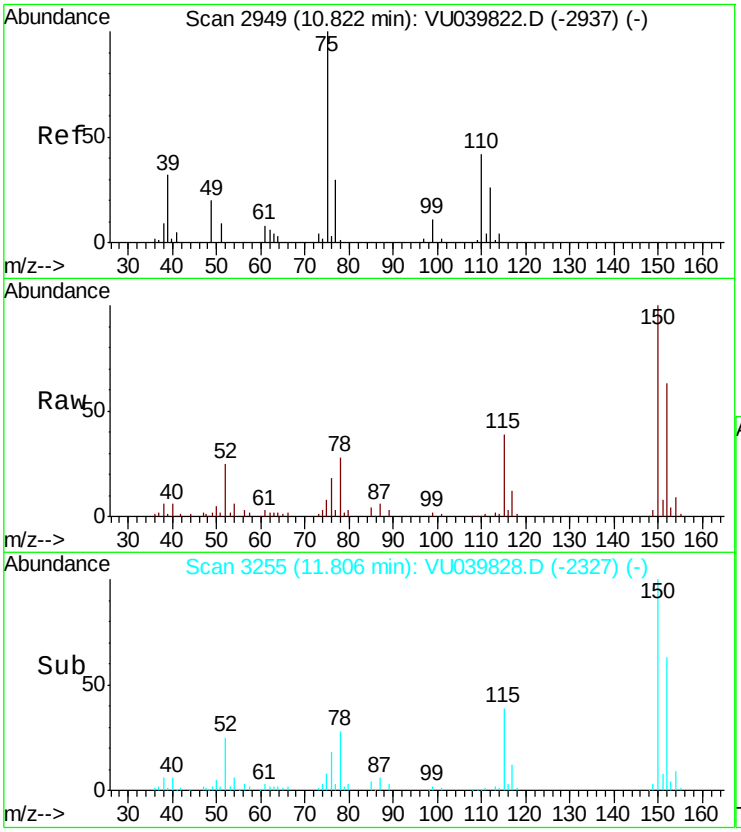


#53
m,p-Xylene
Concen: 0.118 ug/L
RT: 9.70 min Scan# 2600
Delta R.T. 0.01 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Tgt Ion:106 Resp: 1153

Ion	Ratio	Lower	Upper
106	100		
91	140.0	135.5	251.7





#59
1,2,3-Trichloropropane
Concen: 1.143 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039828.D
Acq: 10 Aug 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4788

Ion	Ratio	Lower	Upper
75	100		
77	42.4	24.6	37.0#