Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039773.D
Acq On : 06 Aug 2020 21:50
Operator : SY/MD
Sample : L3590-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 07 04:32:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	83554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80501	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37577	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23597	5.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.60%			
7) Chloroethane-d5	1.92	69	22903	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.58	63	34890	3.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.80%			
20) 2-Butanone-d5	4.66	46	71482	36.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.04%			
24) Chloroform-d	5.08	84	53503	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.72	65	32391	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.74	84	98889	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.70	67	34236	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.91	98	78987	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
43) trans-1,3-Dichloropropene-	8.19	79	11267	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.64	63	66891	49.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.30%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30188	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	37242	5.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	12169	1.791	ug/L	96
8) Chloroethane	1.98	64	529	0.106	ug/L #	43
12) 1,1-Dichloroethene	2.58	96	333	0.067	ug/L #	1
13) Acetone	2.66	43	16488	14.094	ug/L	99
14) Carbon disulfide	2.80	76	2372	0.152	ug/L #	74
18) trans-1,2-Dichloroethene	3.37	96	6545	1.180	ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	22877	3.791	ug/L	97
33) Benzene	5.79	78	6703	0.306	ug/L	100
34) Trichloroethene	6.55	95	1680	0.295	ug/L	90
35) Methylcyclohexane	6.71	83	8125	0.894	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4350	0.747	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	974	0.123	ug/L #	67
42) Toluene	7.98	91	9558	0.415	ug/L	97
52) Ethylbenzene	9.57	91	22588	0.876	ug/L	96
53) m,p-Xylene	9.69	106	26945	2.743	ug/L	98
54) o-Xylene	10.10	106	6755	0.702	ug/L	91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039773.D
Acq On : 06 Aug 2020 21:50
Operator : SY/MD
Sample : L3590-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 07 04:32:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

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

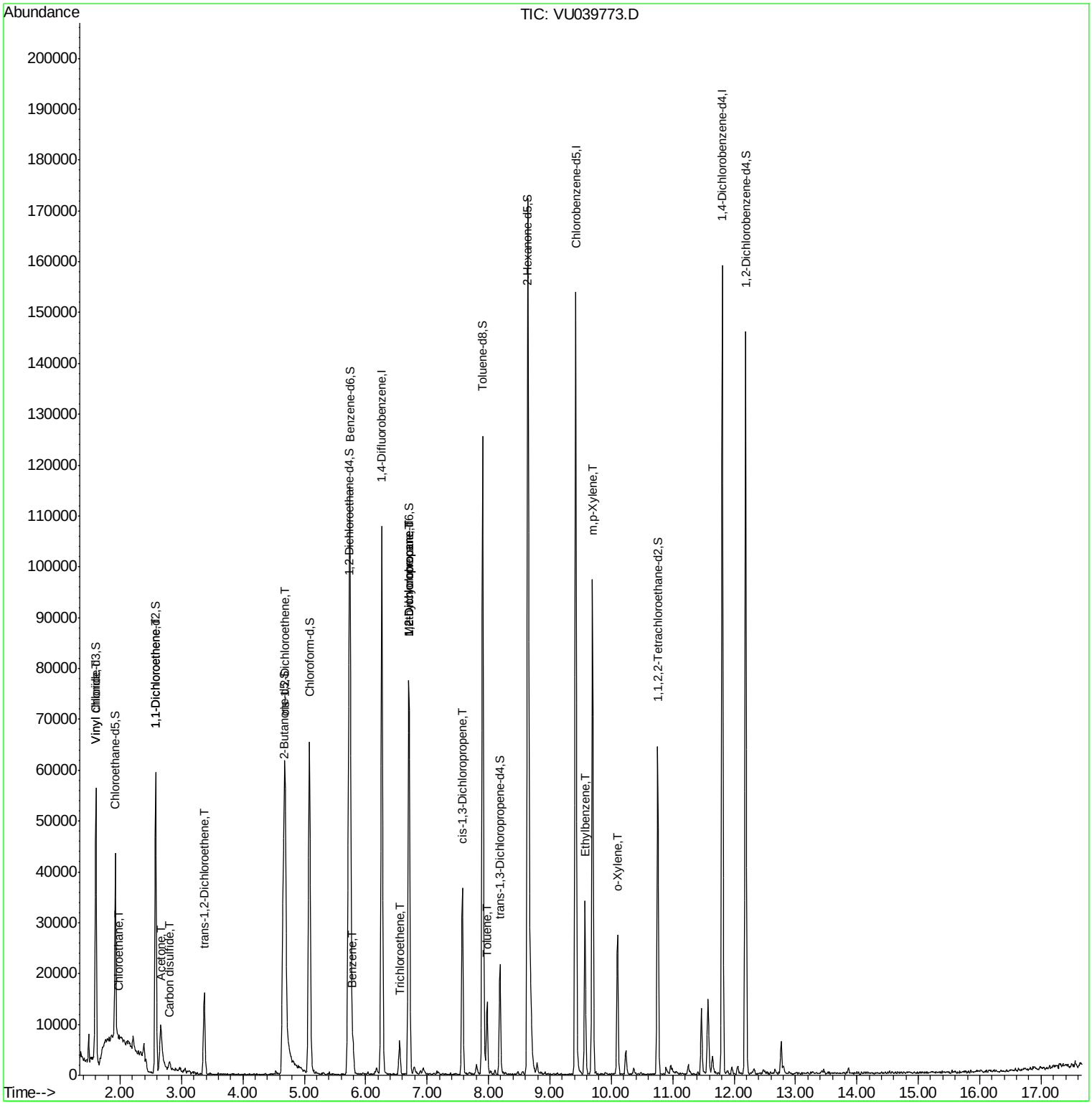
(#) = qualifier out of range (m) = manual integration (+) = signals summed

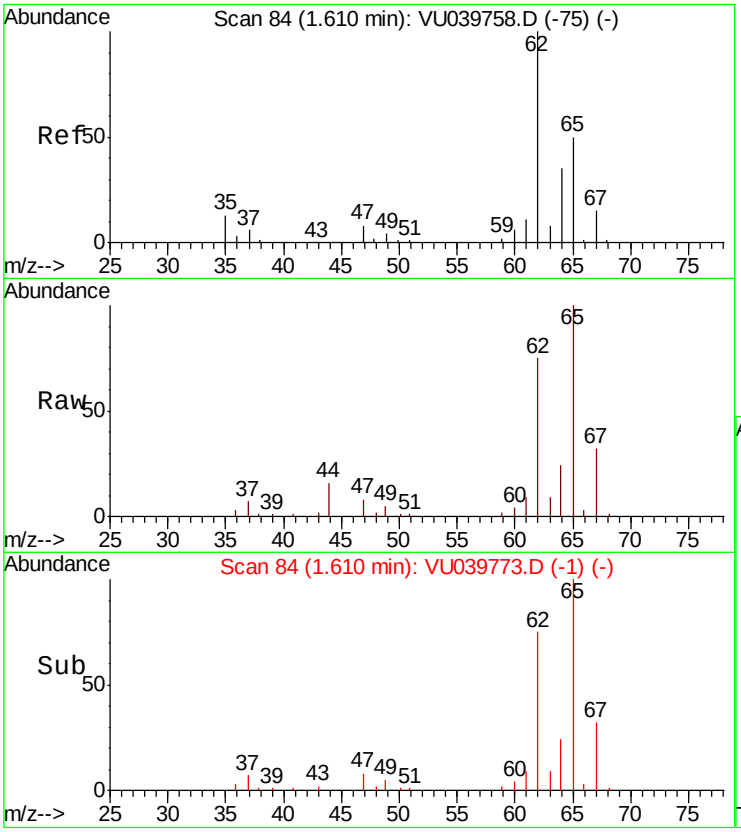
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039773.D
Acq On : 06 Aug 2020 21:50
Operator : SY/MD
Sample : L3590-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 07 04:32:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration



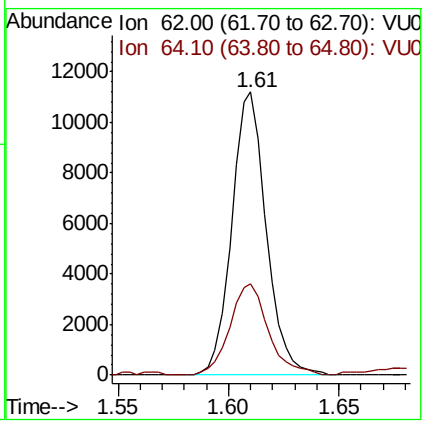


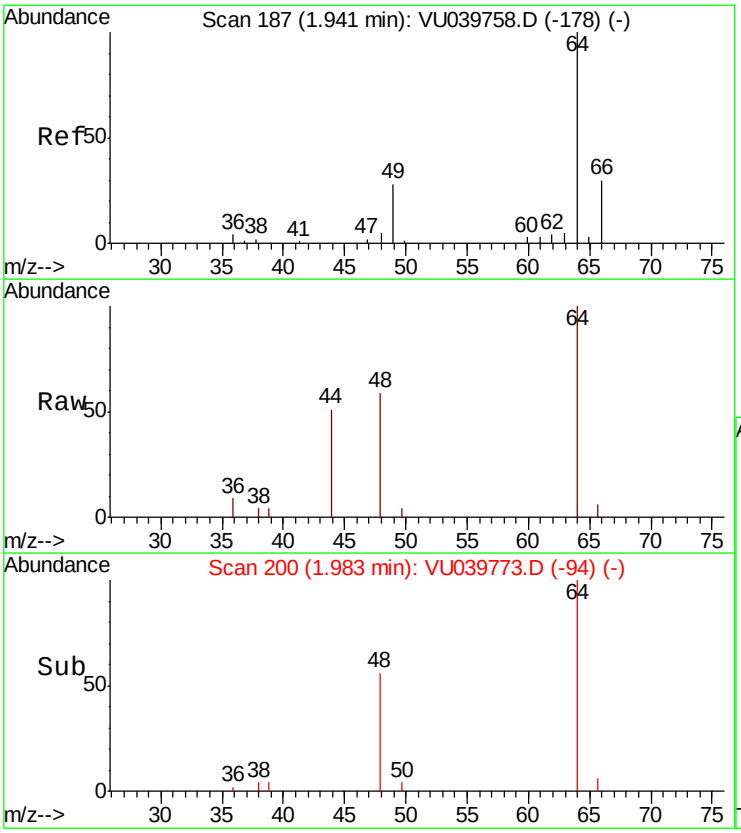
#5
Vinyl chloride
Concen: 1.791 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 12169

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.1	44.7

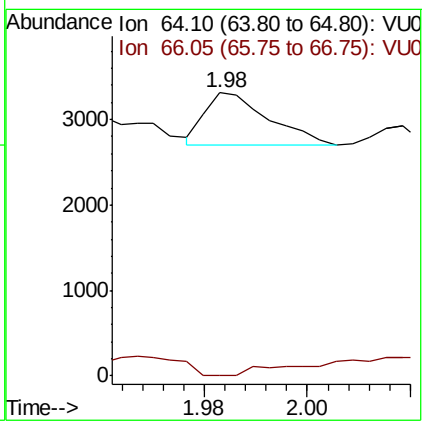


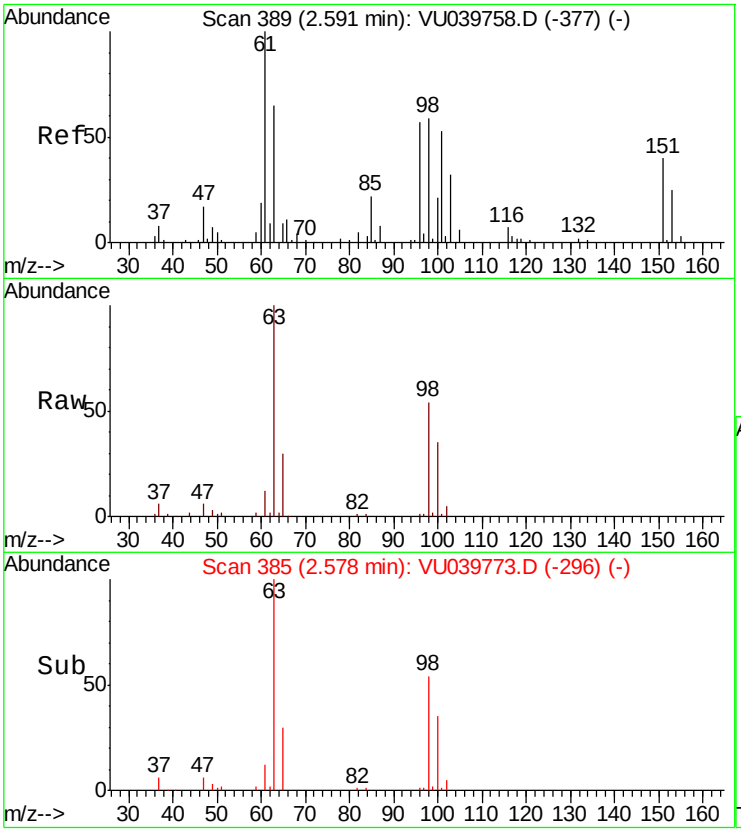


#8
Chloroethane
Concen: 0.106 ug/L
RT: 1.98 min Scan# 200
Delta R.T. 0.04 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Tgt Ion: 64 Resp: 529

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.3#



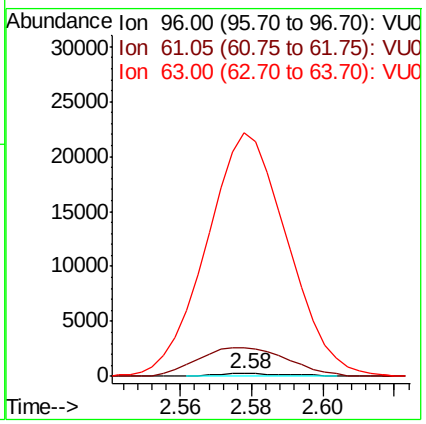


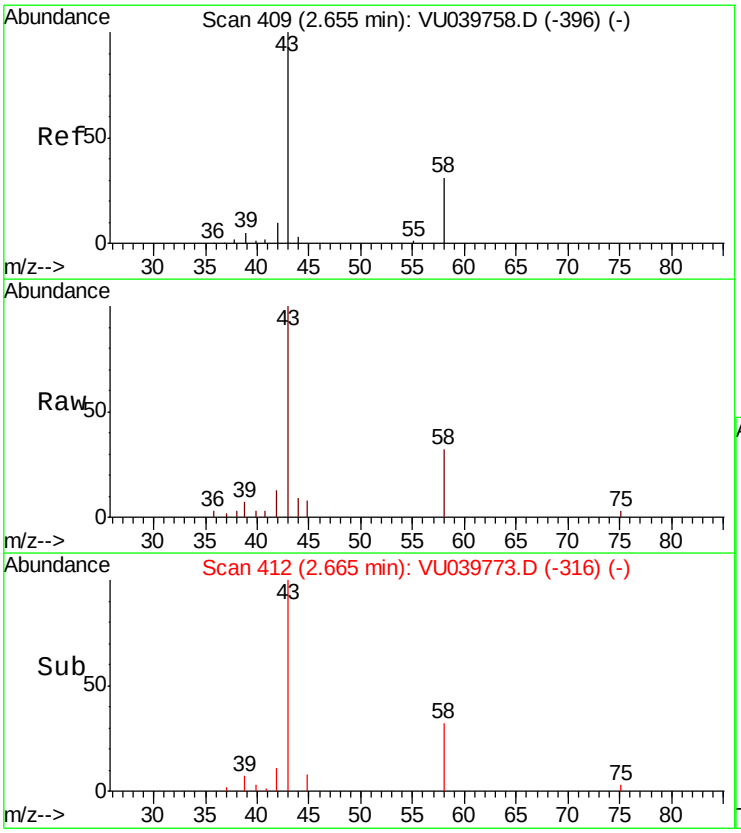
#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 333

Ion	Ratio	Lower	Upper
96	100		
61	1134.3	121.7	225.9#
63	9510.7	82.1	152.5#

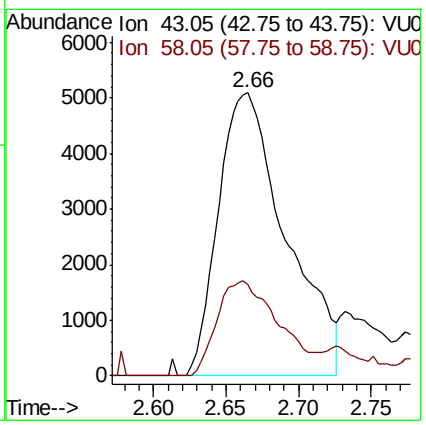


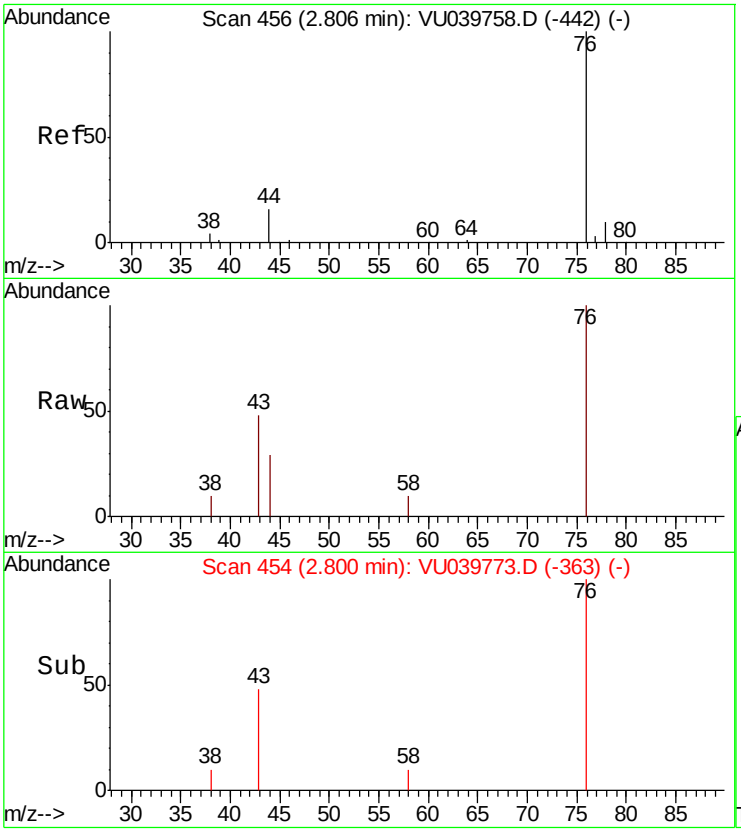


#13
Acetone
Concen: 14.094 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Tgt Ion: 43 Resp: 16488

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	61.8



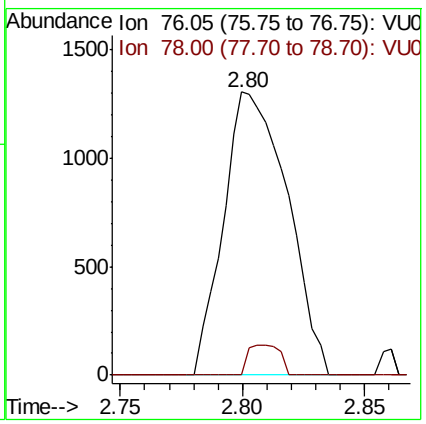


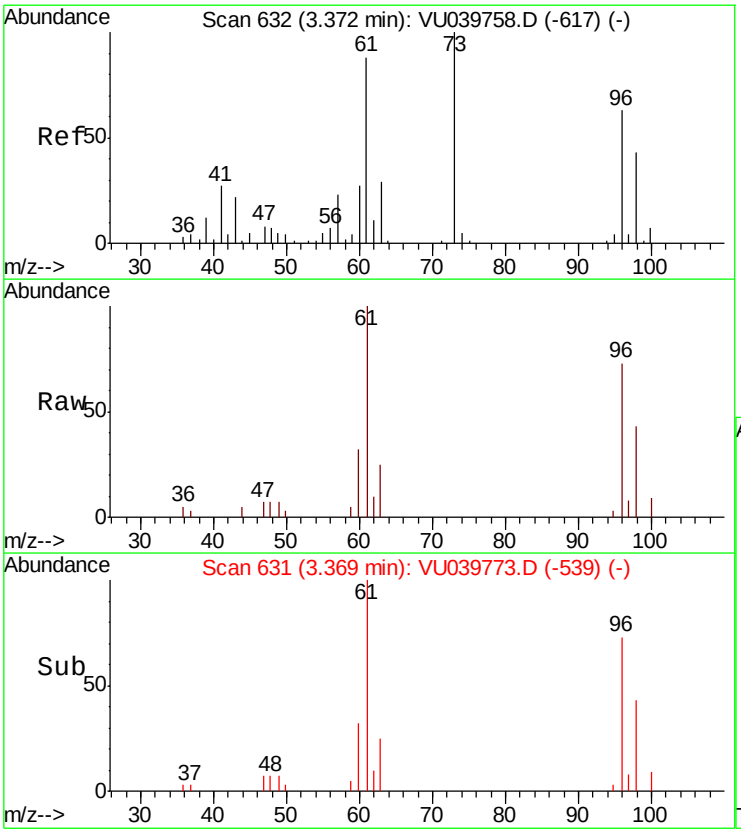
#14
Carbon disulfide
Concen: 0.152 ug/L
RT: 2.80 min Scan# 454
Delta R.T. -0.01 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 2372

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.8	11.6#

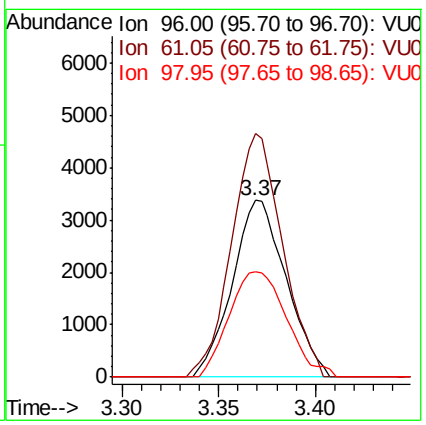


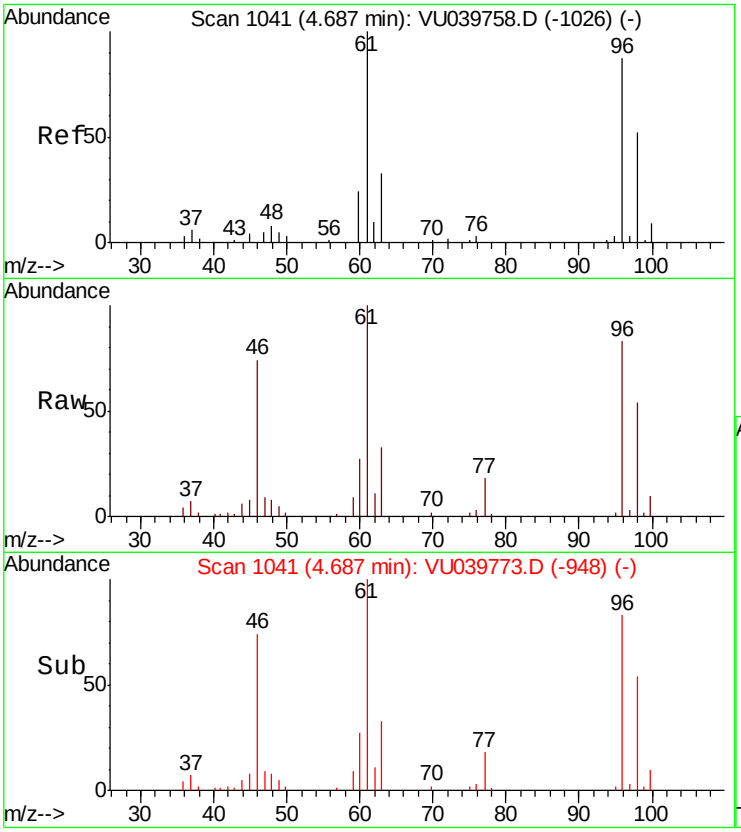


#18
trans-1,2-Dichloroethene
Concen: 1.180 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Tgt Ion: 96 Resp: 6545

Ion	Ratio	Lower	Upper
96	100		
61	137.8	96.5	179.1
98	59.3	40.9	76.0



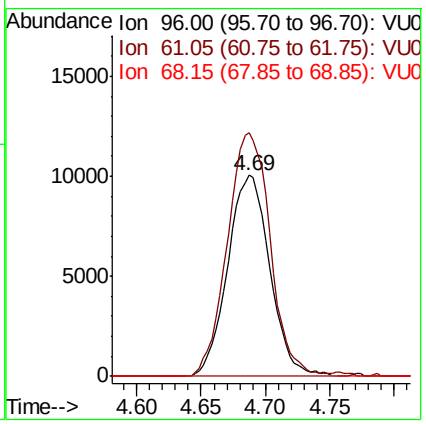


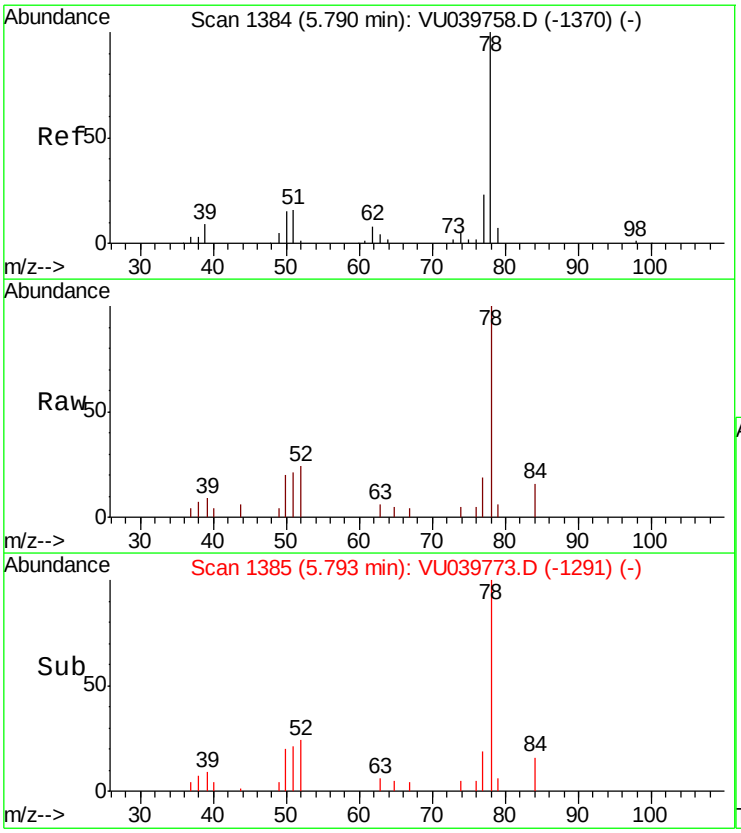
#22
cis-1,2-Dichloroethene
Concen: 3.791 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 22877

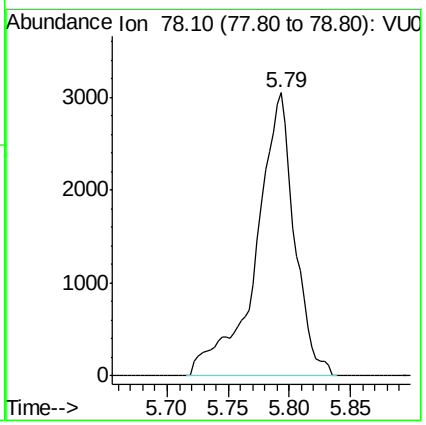
Ion	Ratio	Lower	Upper
96	100		
61	121.2	87.4	162.2
68	0.0	0.0	0.0

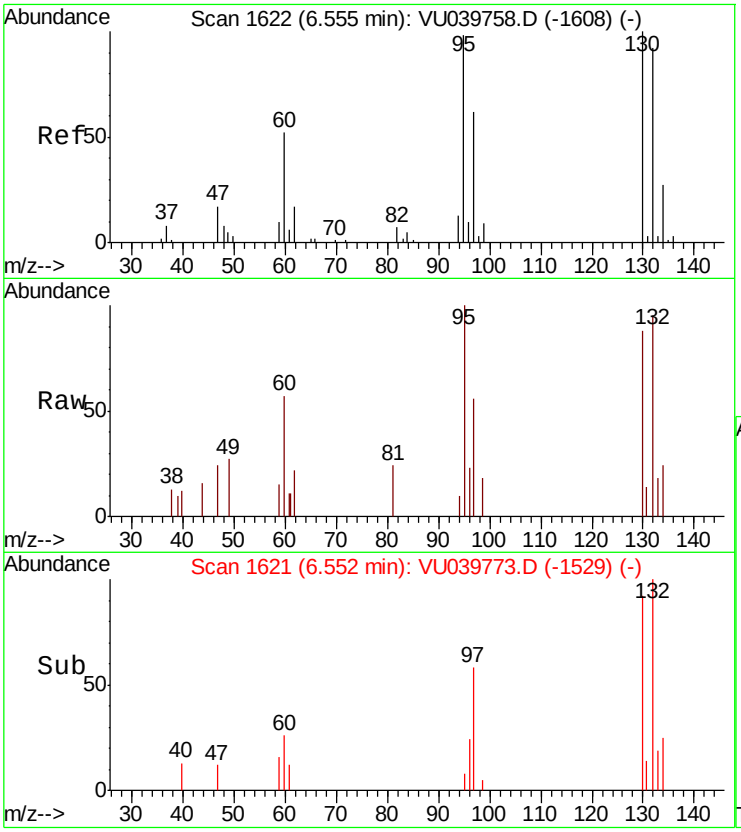




#33
Benzene
Concen: 0.306 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Tgt Ion: 78 Resp: 6703



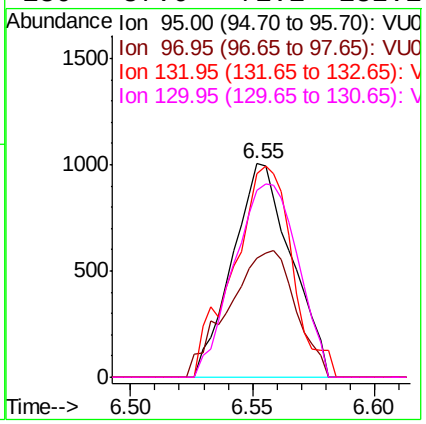


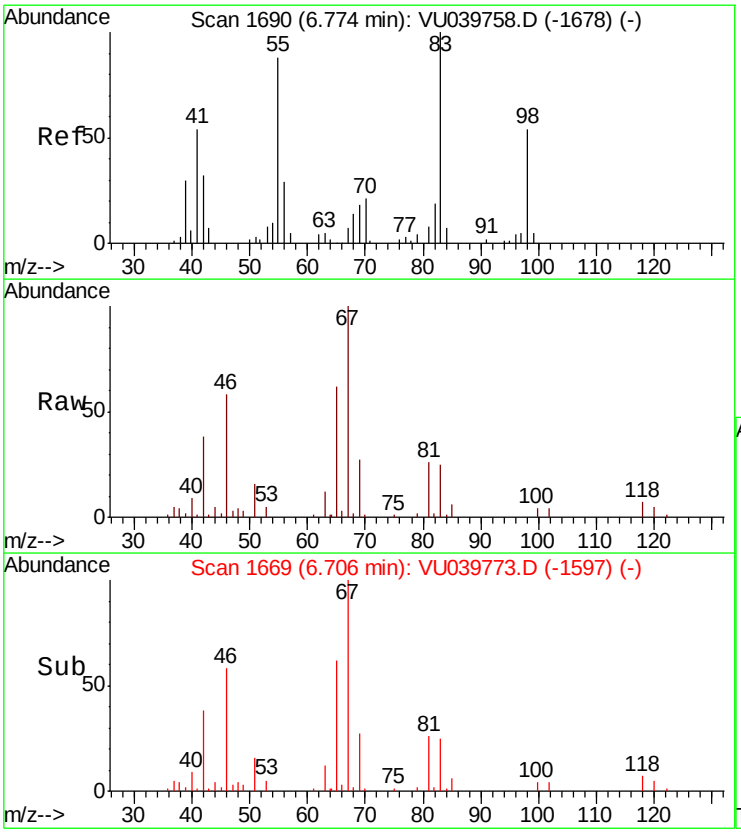
#34
Trichloroethene
Concen: 0.295 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1680

Ion	Ratio	Lower	Upper
95	100		
97	55.5	44.0	81.8
132	95.1	71.7	133.3
130	87.6	71.1	132.1

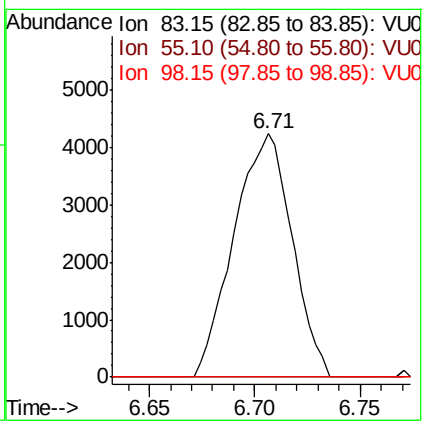


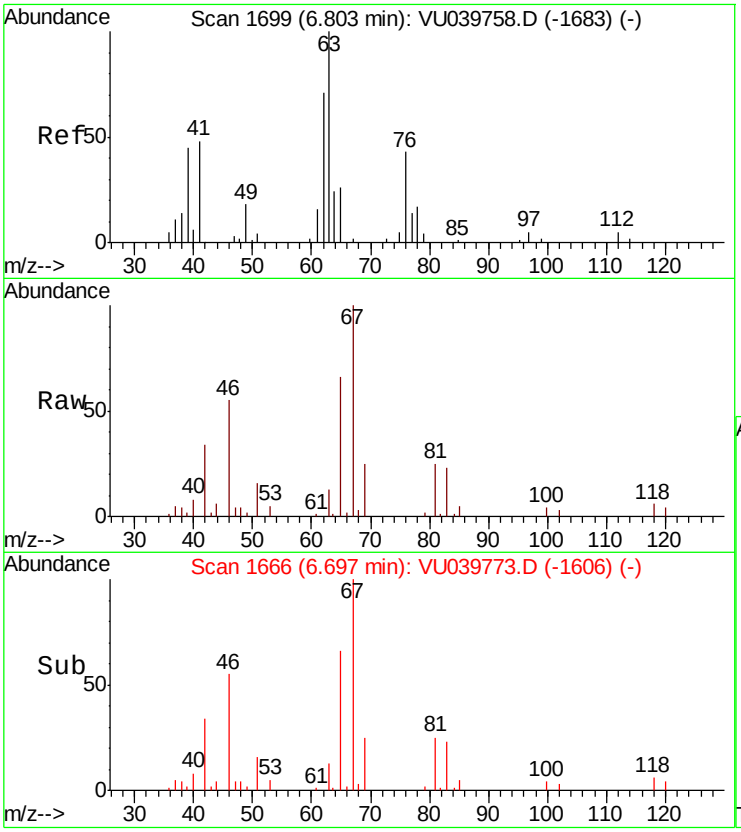


#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Tgt Ion: 83 Resp: 8125

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	1.1	39.0	58.4#



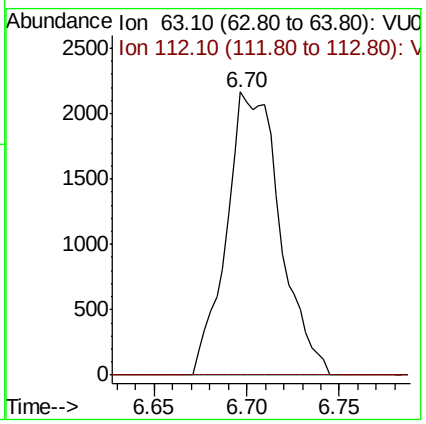


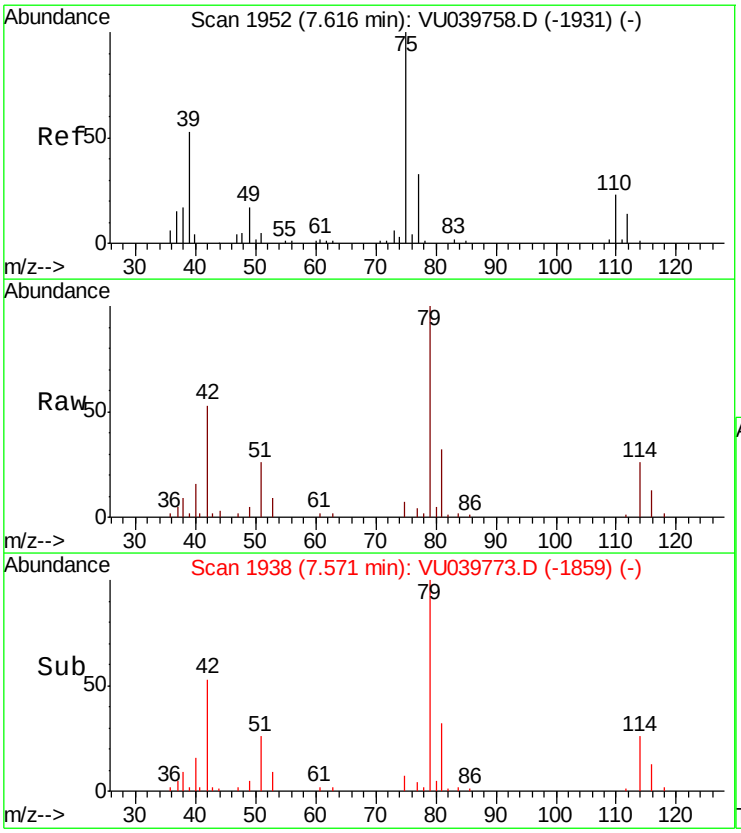
#37
1,2-Dichloropropane
Concen: 0.747 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.11 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4350

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

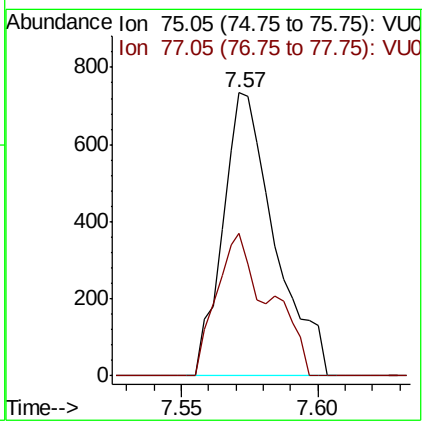


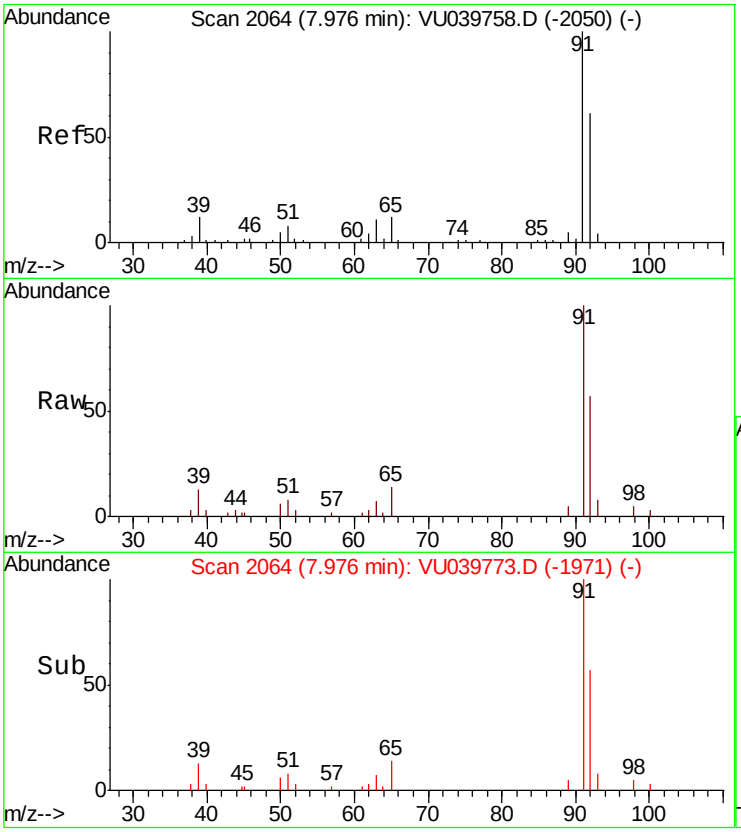


#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.05 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Tgt Ion: 75 Resp: 974

Ion	Ratio	Lower	Upper
75	100		
77	50.4	22.4	41.6#



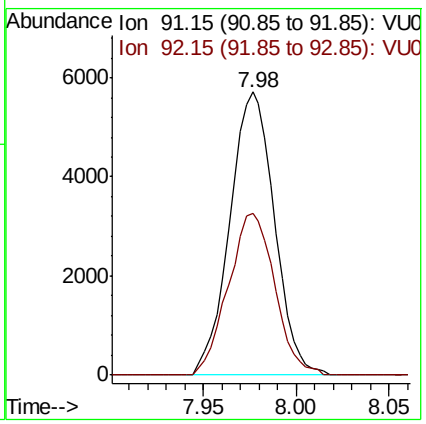


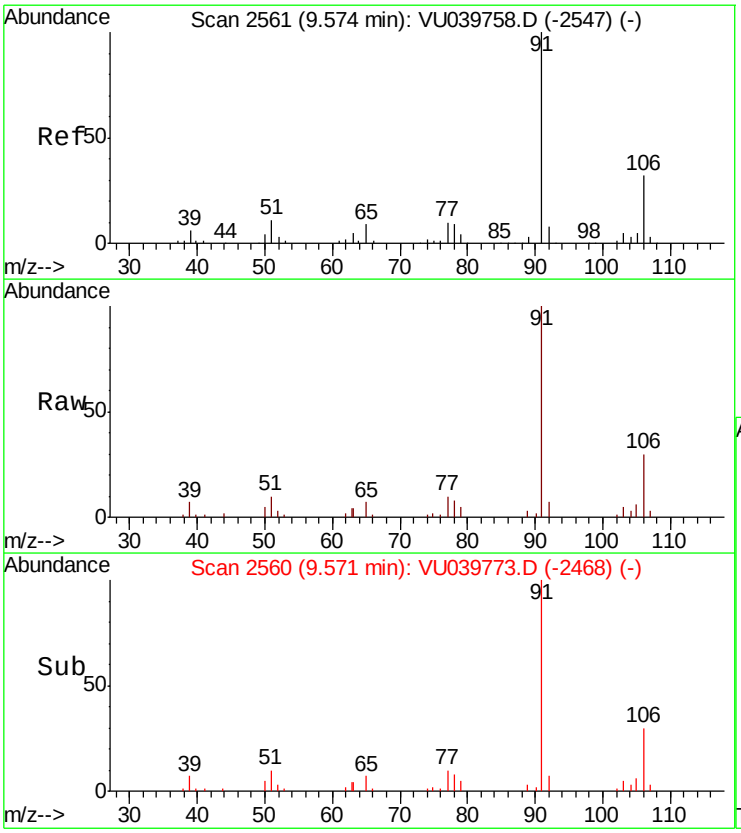
#42
Toluene
Concen: 0.415 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 9558

Ion	Ratio	Lower	Upper
91	100		
92	57.3	41.6	77.3

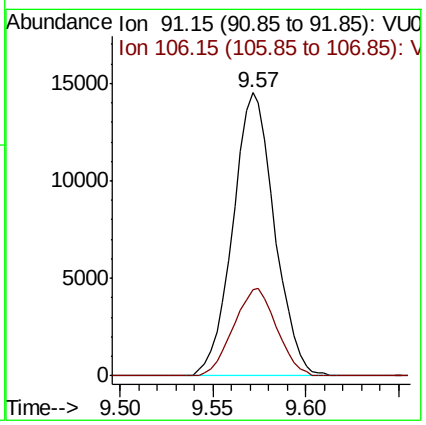


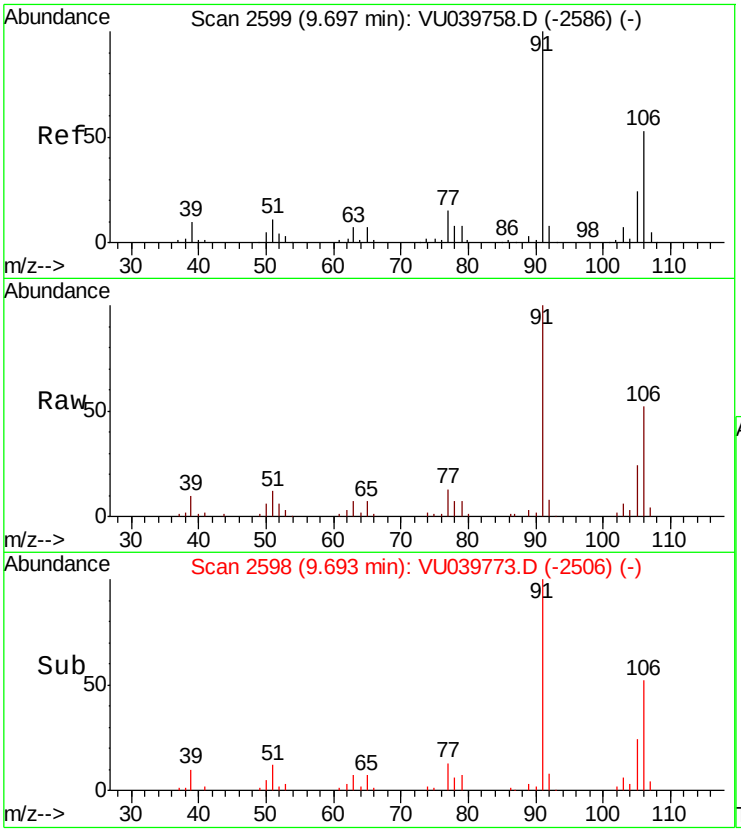


#52
Ethylbenzene
Concen: 0.876 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Tgt Ion: 91 Resp: 22588

Ion	Ratio	Lower	Upper
91	100		
106	30.4	22.8	42.4



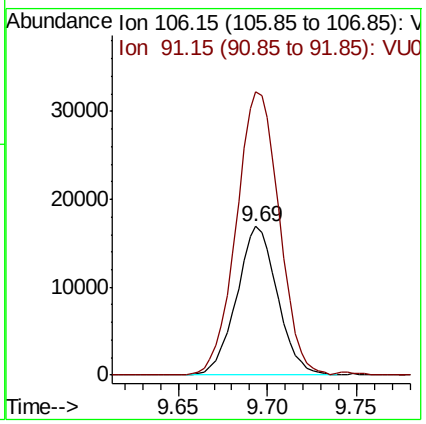


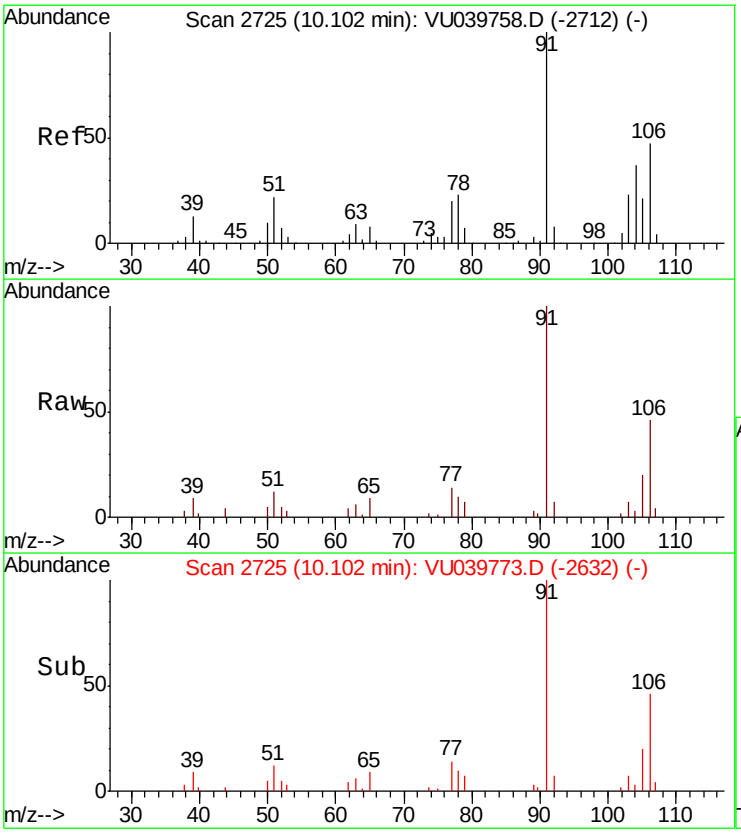
#53
m,p-Xylene
Concen: 2.743 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 26945

Ion	Ratio	Lower	Upper
106	100		
91	190.8	135.5	251.7





#54
o-Xylene
Concen: 0.702 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039773.D
Acq: 06 Aug 2020 21:50

Tgt Ion:106 Resp: 6755

Ion	Ratio	Lower	Upper
106	100		
91	215.6	140.8	261.6