Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15

Quant Time: Jul 10 00:21:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	100424	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	94564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	101003	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	28547	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.93	69	30088	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.58	63	45779	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.00%			
20) 2-Butanone-d5	4.66	46	149481	56.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.26%			
24) Chloroform-d	5.09	84	69034	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.40%			
26) 1,2-Dichloroethane-d4	5.72	65	42930	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.40%			
32) Benzene-d6	5.75	84	130435	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.60%			
36) 1,2-Dichloropropane-d6	6.71	67	46226	5.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.60%			
41) Toluene-d8	7.91	98	117646	5.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.20%			
43) trans-1,3-Dichloropropene-	8.19	79	19561	5.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.80%			
46) 2-Hexanone-d5	8.64	63	117473	56.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.14%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	55971	7.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 141.20%#			
64) 1,2-Dichlorobenzene-d4	12.19	152	98742	5.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.60%			
Target Compounds						Qvalue
8) Chloroethane	1.99	64	1413	0.239	ug/L #	49
12) 1,1-Dichloroethene	2.58	96	376	0.063	ug/L #	1
13) Acetone	2.67	43	6552	4.558	ug/L	89
15) Methyl Acetate	3.06	43	60568	15.952	ug/L #	52
21) 2-Butanone	4.84	43	4173	1.626	ug/L #	66
22) cis-1,2-Dichloroethene	4.69	96	16676	2.249	ug/L	100
30) Cyclohexane	5.41	56	257848	21.989	ug/L #	94
33) Benzene	5.79	78	5918	0.209	ug/L	100
35) Methylcyclohexane	6.78	83	185496	15.841	ug/L #	84
37) 1,2-Dichloropropane	6.77	63	2967	0.385	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1456	0.125	ug/L #	61
42) Toluene	7.98	91	212588	7.022	ug/L	100
45) 1,1,2-Trichloroethane	8.38	97	7528	1.360	ug/L #	20
47) Tetrachloroethene	8.56	164	3921	0.771	ug/L	97
48) 2-Hexanone	8.70	43	4444	0.937	ug/L #	66
49) Dibromochloromethane	8.56	129	4165	0.621	ug/L #	10
51) Chlorobenzene	9.45	112	2988	0.162	ug/L #	74

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15

Quant Time: Jul 10 00:21:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	9.70	91	8646342	258.420	ug/L	#	68
53) m,p-Xylene	9.70	106	4145438	328.826	ug/L		98
54) o-Xylene	10.11	106	2446558	199.345	ug/L		100
55) Styrene	10.11	104	130323	6.103	ug/L	#	1
56) Isopropylbenzene	10.49	105	2243333	67.587	ug/L		99
59) 1,2,3-Trichloropropane	10.91	75	37266	6.561	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	12.97	75	22490	8.024	ug/L	#	13
69) Naphthalene	14.08	128	6287611	154.175	ug/L		100

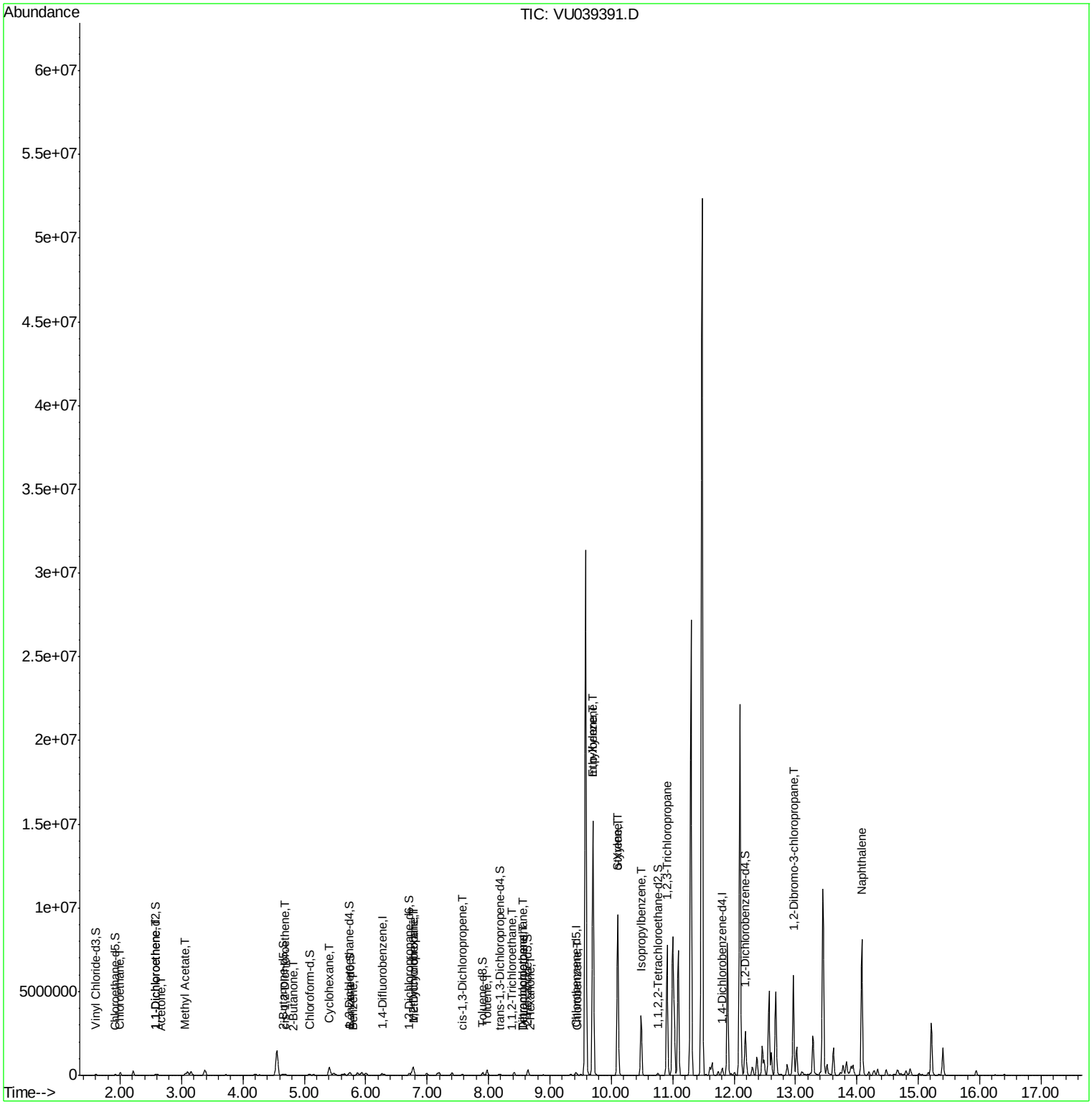
(#) = qualifier out of range (m) = manual integration (+) = signals summed

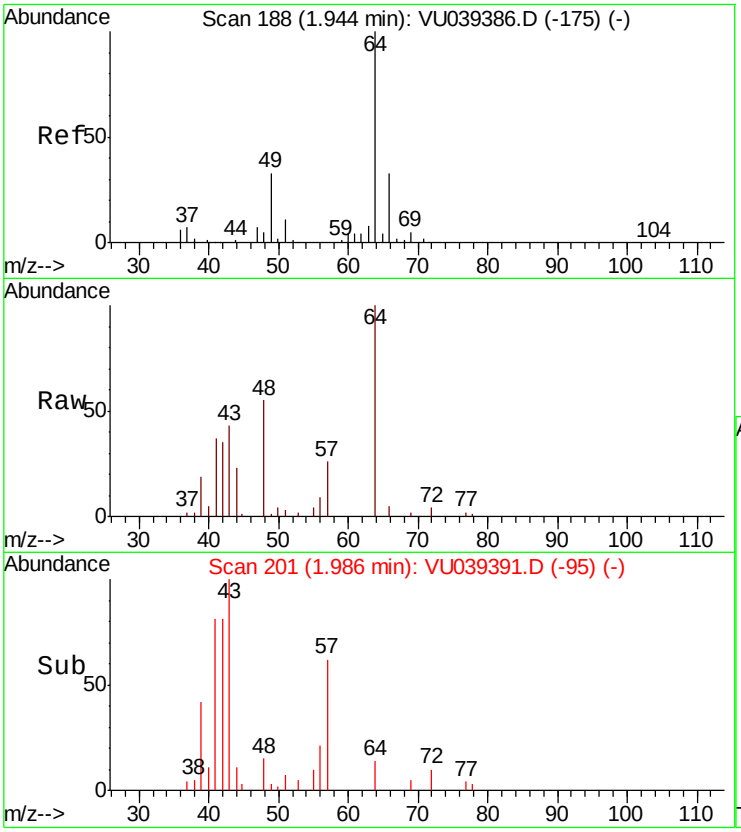
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Quant Time: Jul 10 00:21:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration



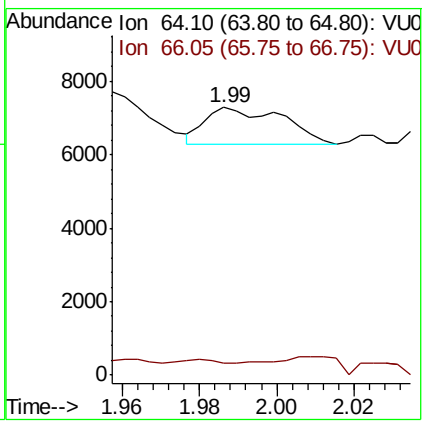


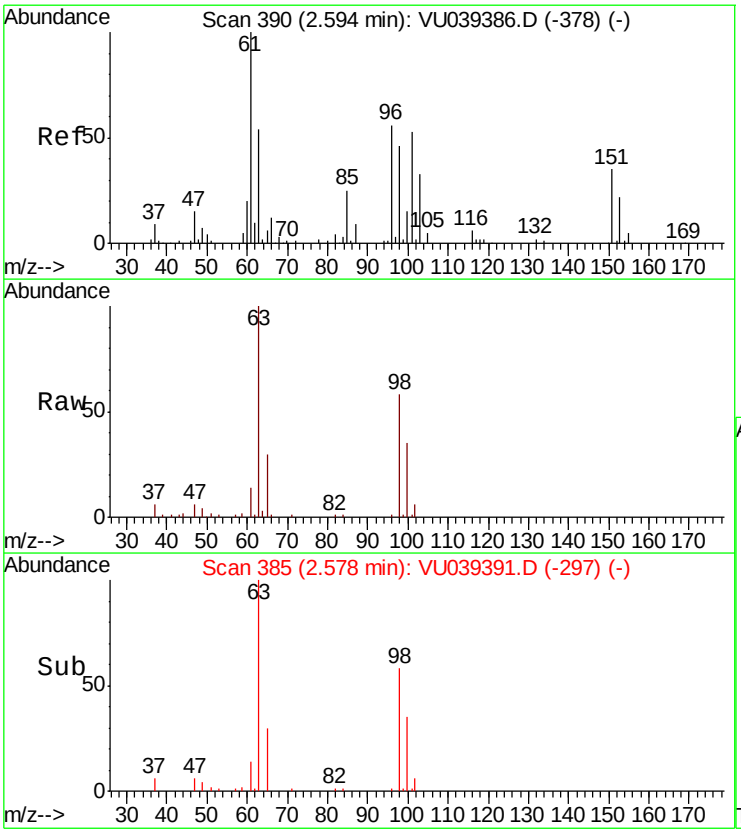
#8
Chloroethane
Concen: 0.239 ug/L
RT: 1.99 min Scan# 201
Delta R.T. 0.04 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument : MSVOA_U
ClientSampleId : F4B15

Tgt Ion: 64 Resp: 1413

Ion	Ratio	Lower	Upper
64	100		
66	4.5	23.5	43.7#

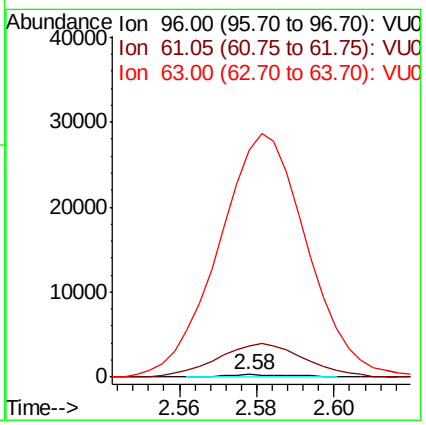


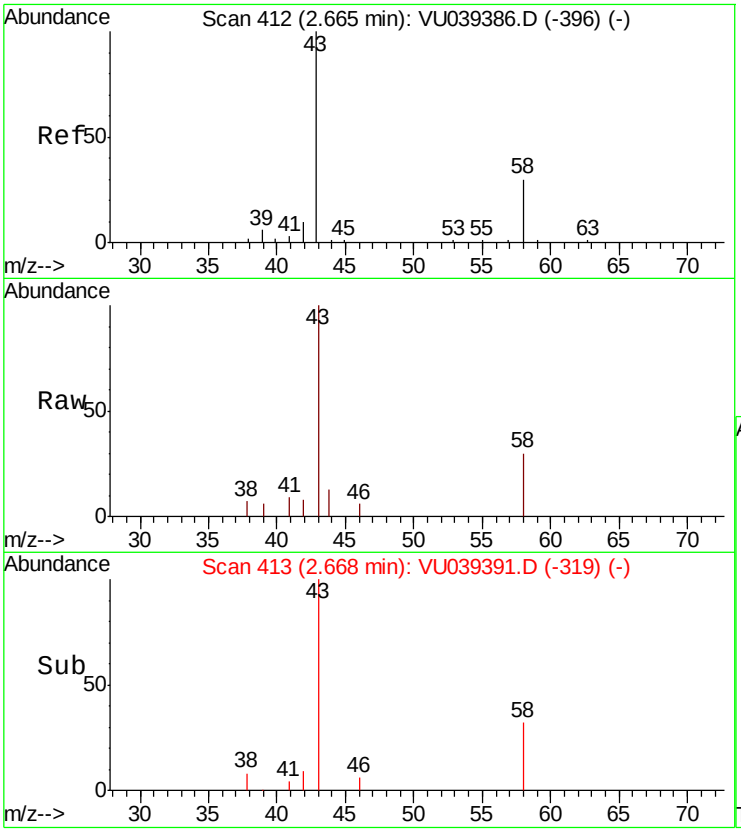


#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion: 96 Resp: 376

Ion	Ratio	Lower	Upper
96	100		
61	1271.0	125.4	232.8#
63	9111.3	92.7	172.3#



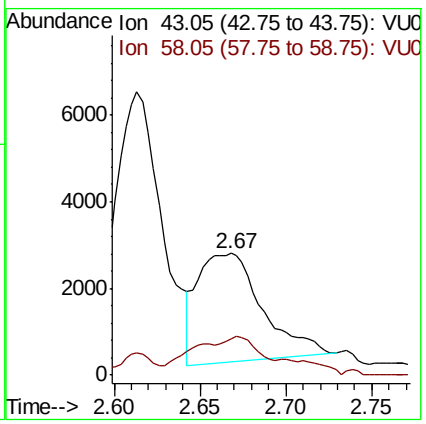


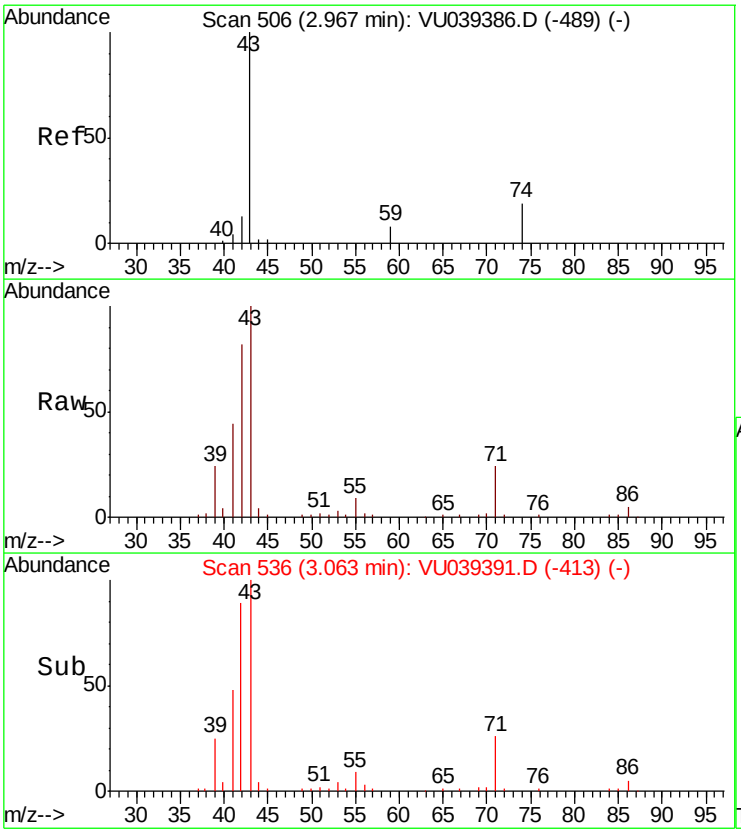
#13
Acetone
Concen: 4.558 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tgt Ion: 43 Resp: 6552

Ion	Ratio	Lower	Upper
43	100		
58	25.1	0.0	62.8

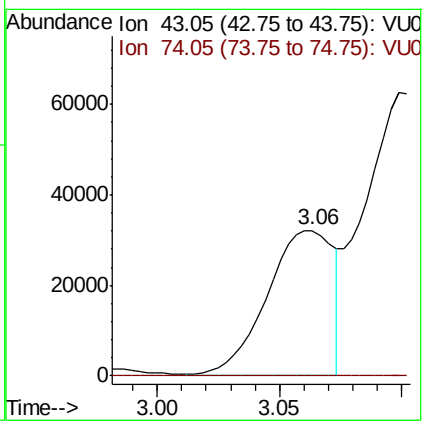


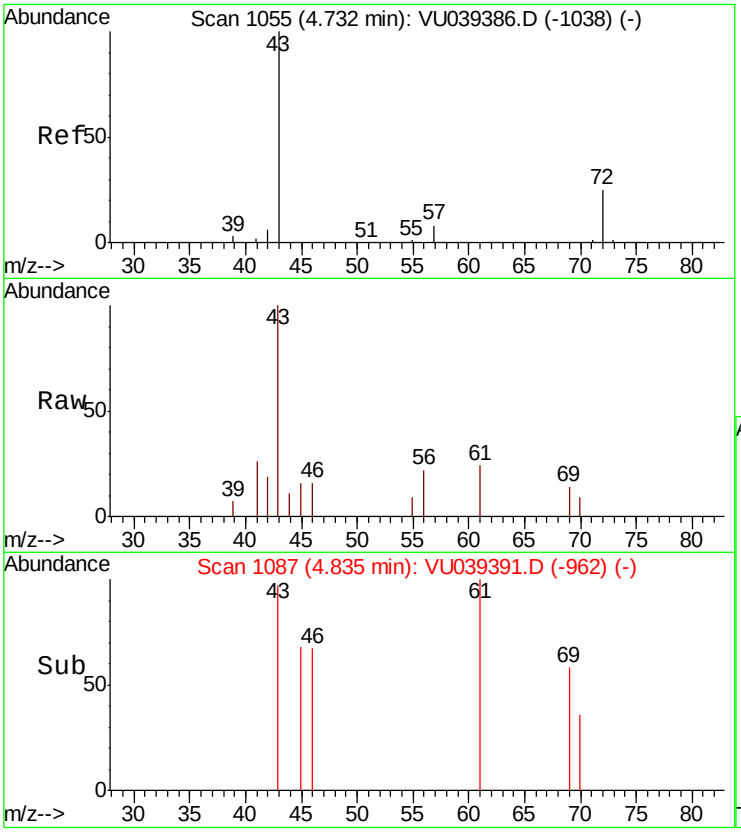


#15
Methyl Acetate
Concen: 15.952 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.10 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion: 43 Resp: 60568

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.7	28.1#



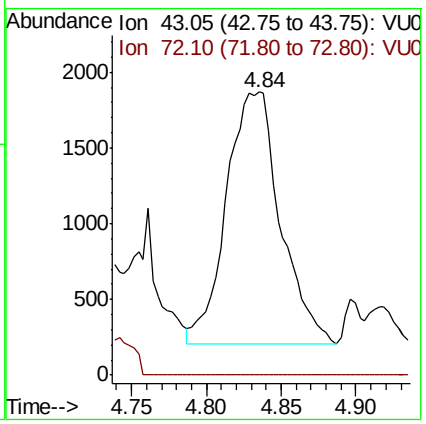


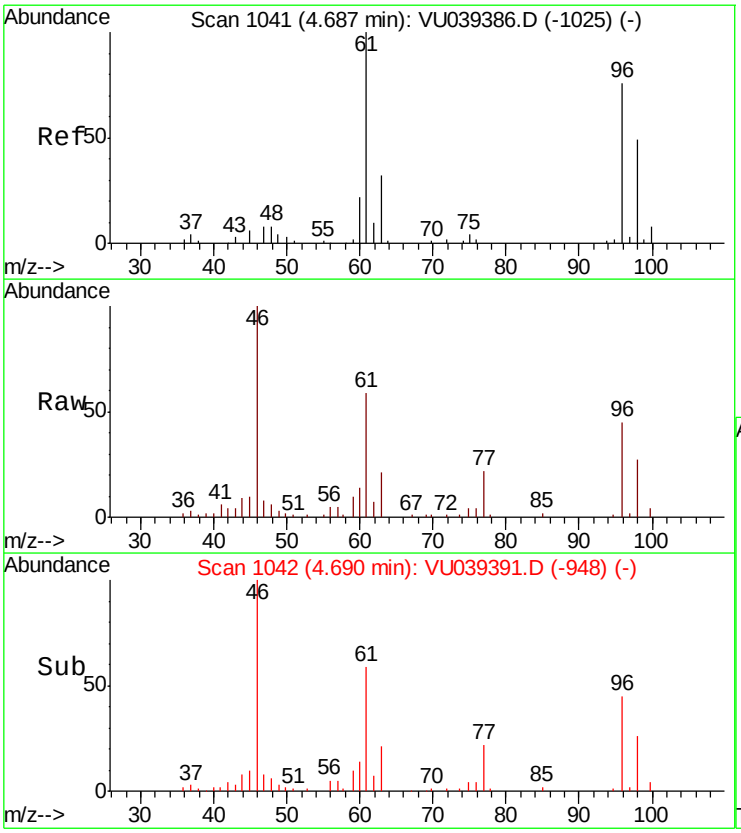
#21
2-Butanone
Concen: 1.626 ug/L
RT: 4.84 min Scan# 1087
Delta R.T. 0.10 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tgt Ion: 43 Resp: 4173

Ion	Ratio	Lower	Upper
43	100		
72	8.6	13.2	39.5#

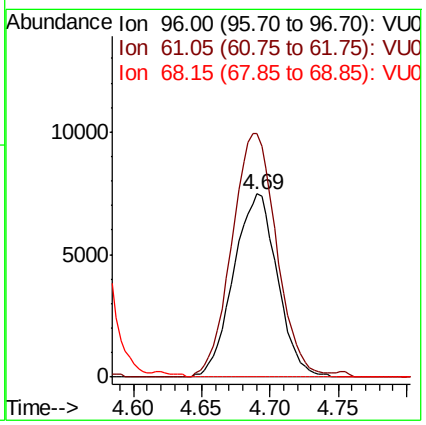


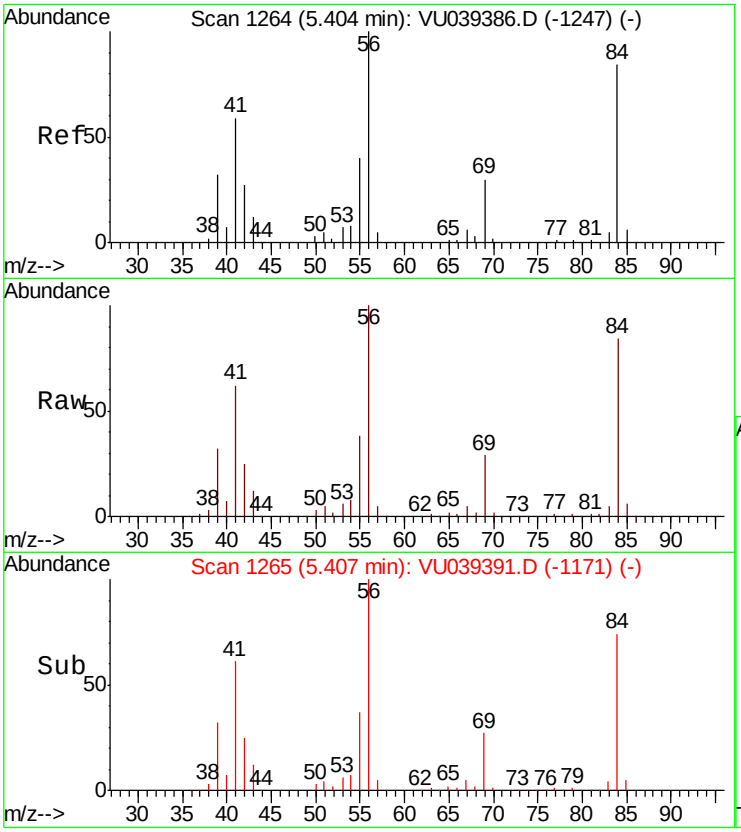


#22
cis-1,2-Dichloroethene
Concen: 2.249 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion: 96 Resp: 16676

Ion	Ratio	Lower	Upper
96	100		
61	132.8	92.8	172.4
68	0.0	0.0	0.0



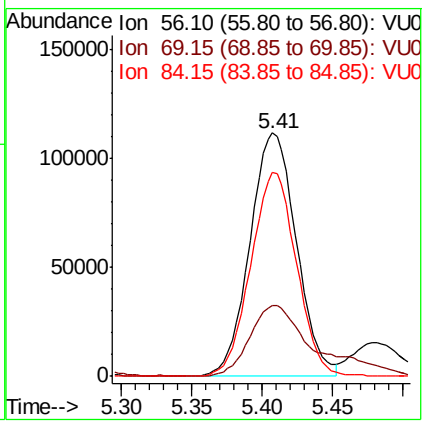


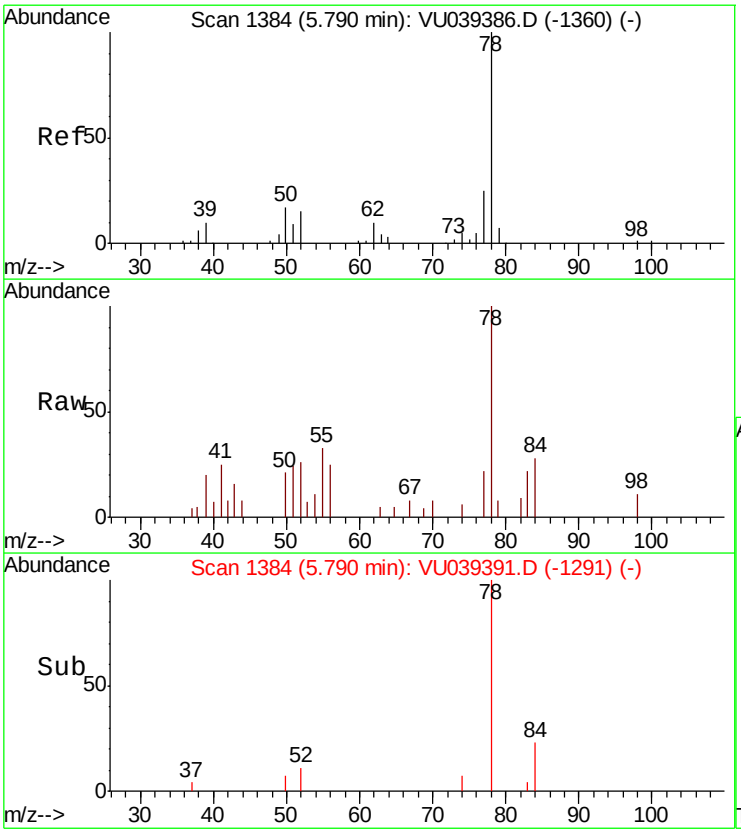
#30
Cyclohexane
Concen: 21.989 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument : MSVOA_U
ClientSampleId : F4B15

Tgt Ion: 56 Resp: 257848

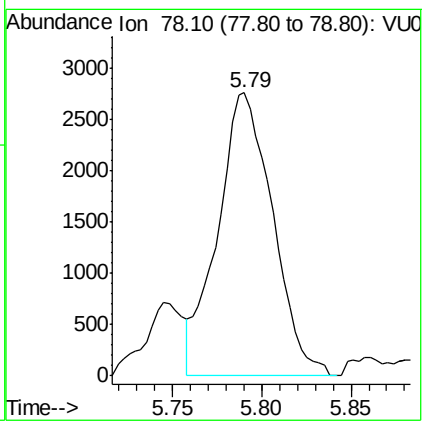
Ion	Ratio	Lower	Upper
56	100		
69	40.9	24.1	36.1#
84	82.3	67.0	100.6

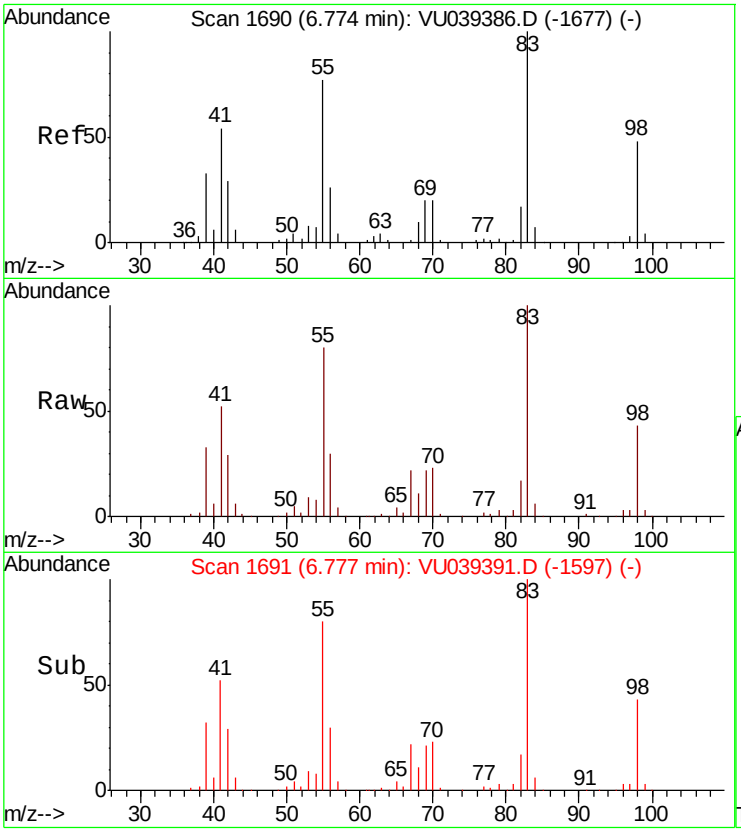




#33
Benzene
Concen: 0.209 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion: 78 Resp: 5918



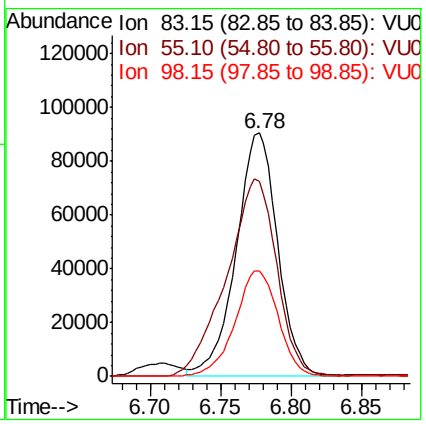


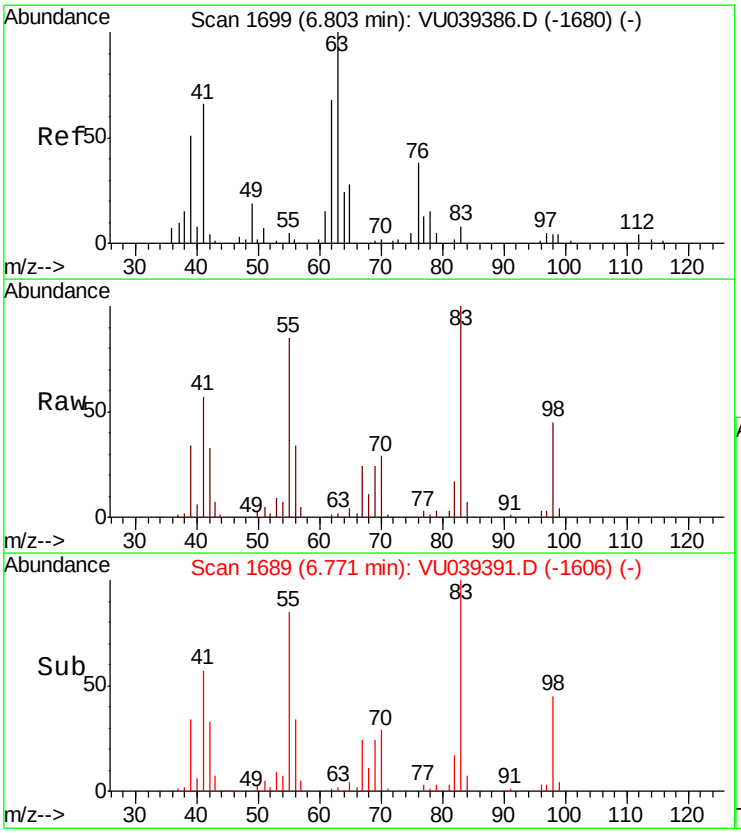
#35
Methylcyclohexane
Concen: 15.841 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument : MSVOA_U
ClientSampleId : F4B15

Tgt Ion: 83 Resp: 185496

Ion	Ratio	Lower	Upper
83	100		
55	98.4	62.1	93.1#
98	45.5	35.9	53.9

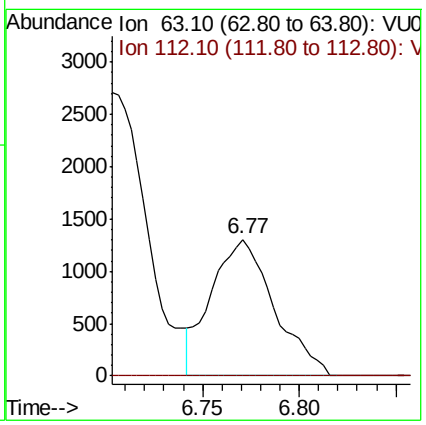


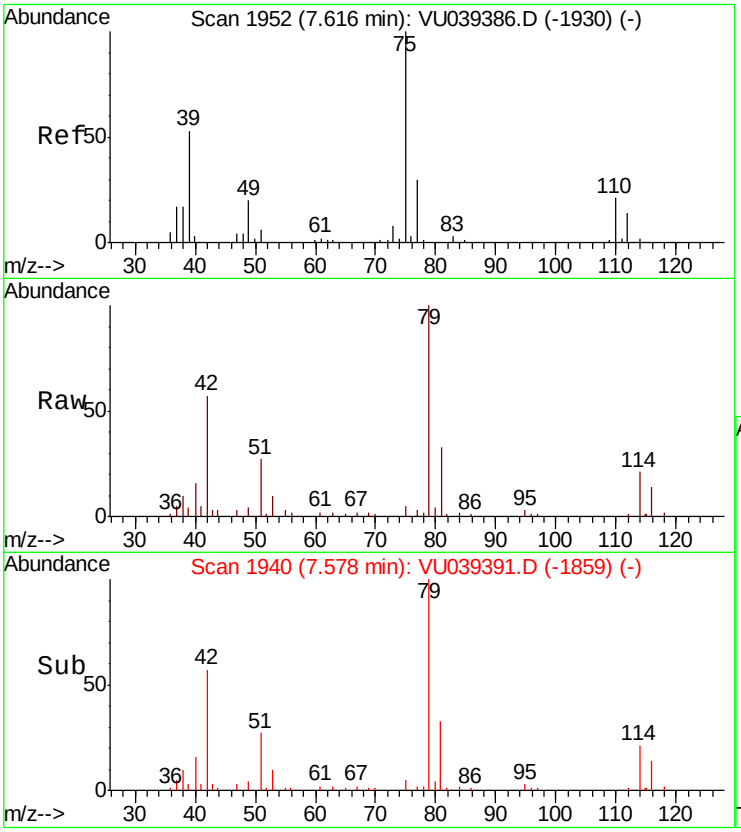


#37
1,2-Dichloropropane
Concen: 0.385 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. -0.03 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion: 63 Resp: 2967

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.5	3.7#



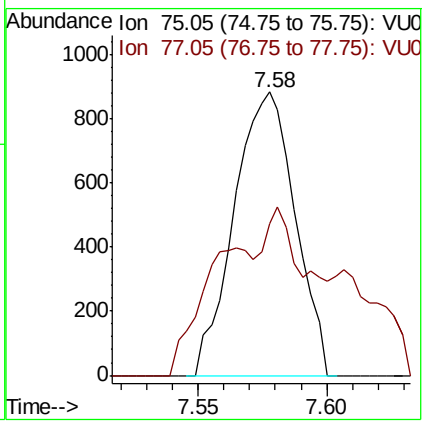


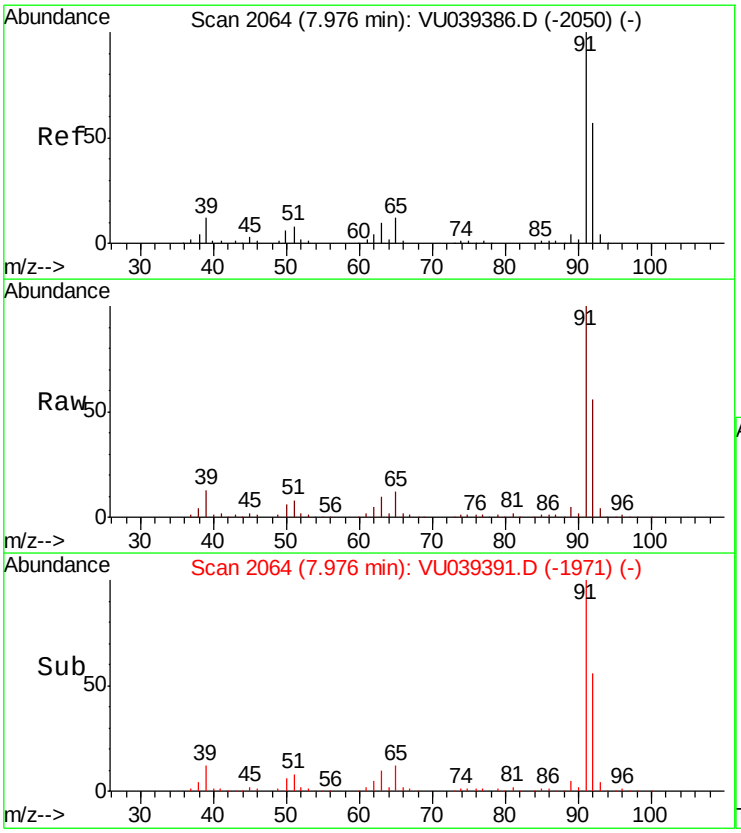
#39
cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument : MSVOA_U
ClientSampleId : F4B15

Tgt Ion: 75 Resp: 1456

Ion	Ratio	Lower	Upper
75	100		
77	53.5	22.3	41.3#

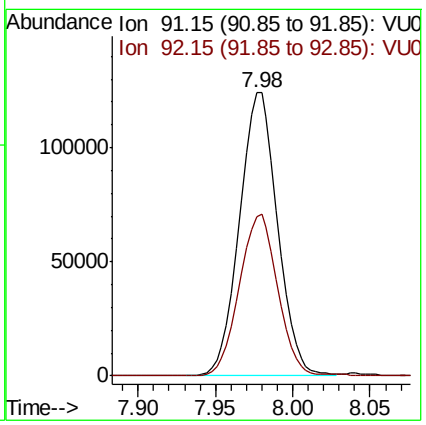


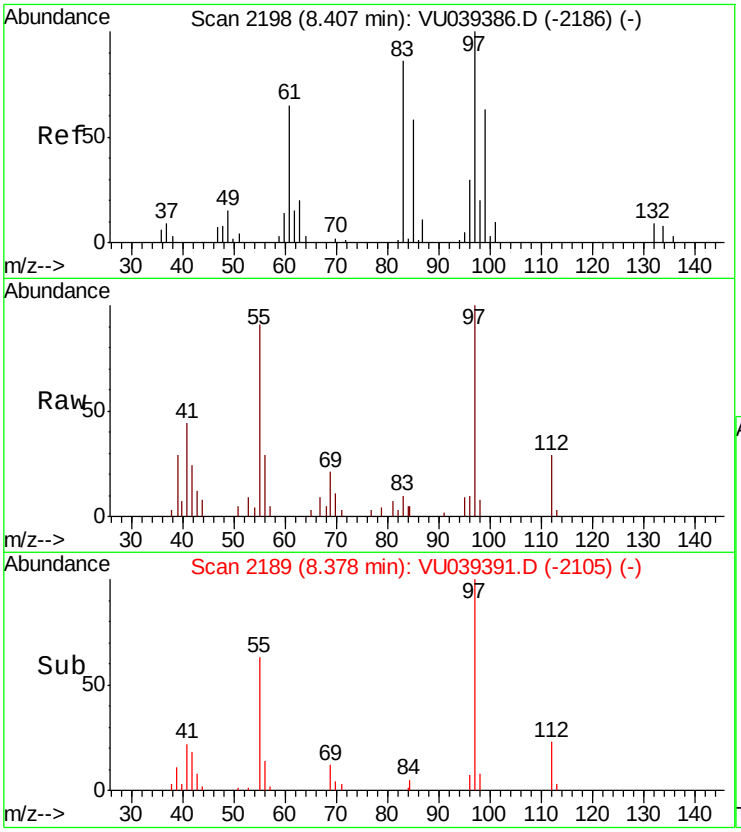


#42
Toluene
Concen: 7.022 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion: 91 Resp: 212588

Ion	Ratio	Lower	Upper
91	100		
92	56.4	39.3	73.1



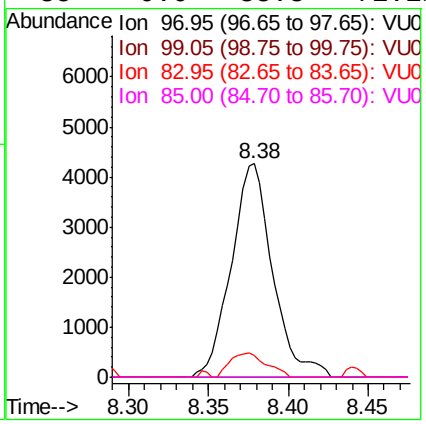


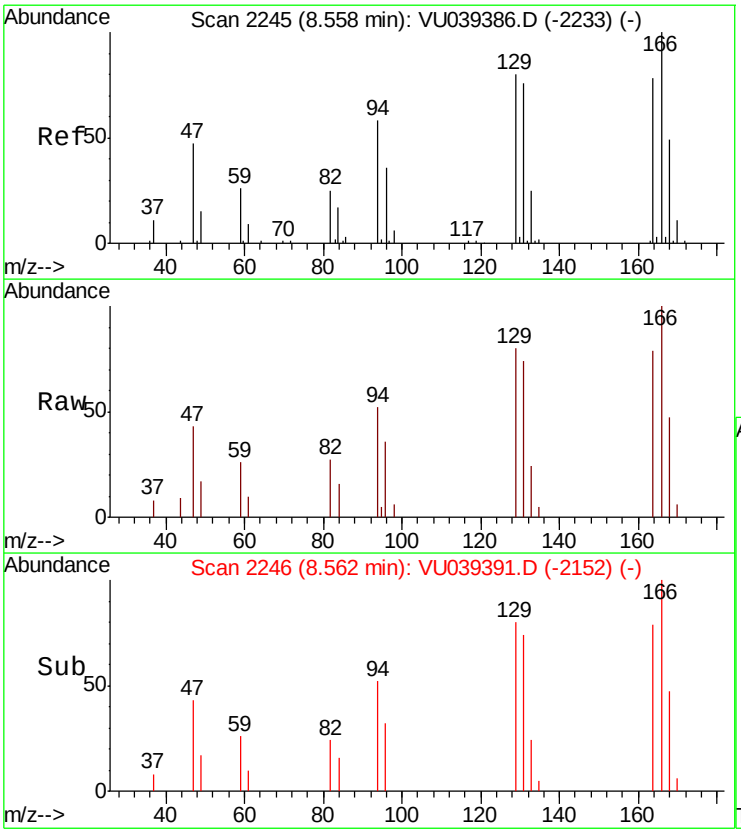
#45
1,1,2-Trichloroethane
Concen: 1.360 ug/L
RT: 8.38 min Scan# 2189
Delta R.T. -0.03 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument : MSVOA_U
ClientSampleId : F4B15

Tgt Ion: 97 Resp: 7528

Ion	Ratio	Lower	Upper
97	100		
99	0.0	40.7	75.7#
83	10.2	60.6	112.6#
85	0.0	38.3	71.1#

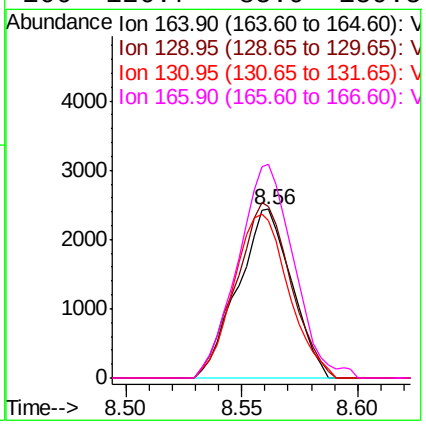


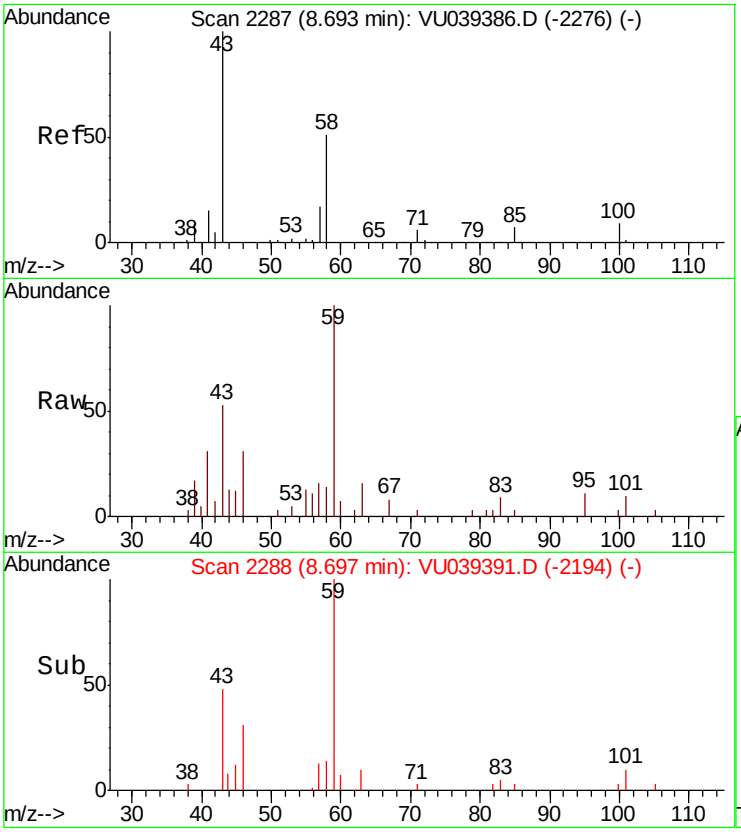


#47
Tetrachloroethene
Concen: 0.771 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion:164 Resp: 3921

Ion	Ratio	Lower	Upper
164	100		
129	101.6	68.6	127.4
131	93.4	66.4	123.4
166	126.7	85.9	159.5



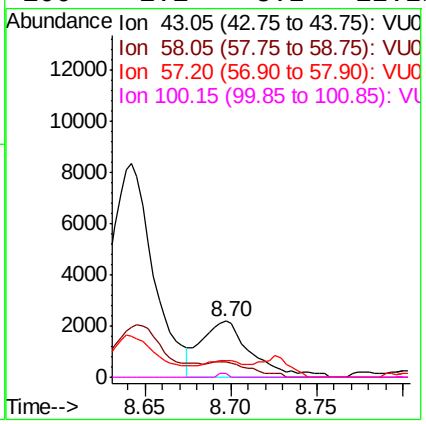


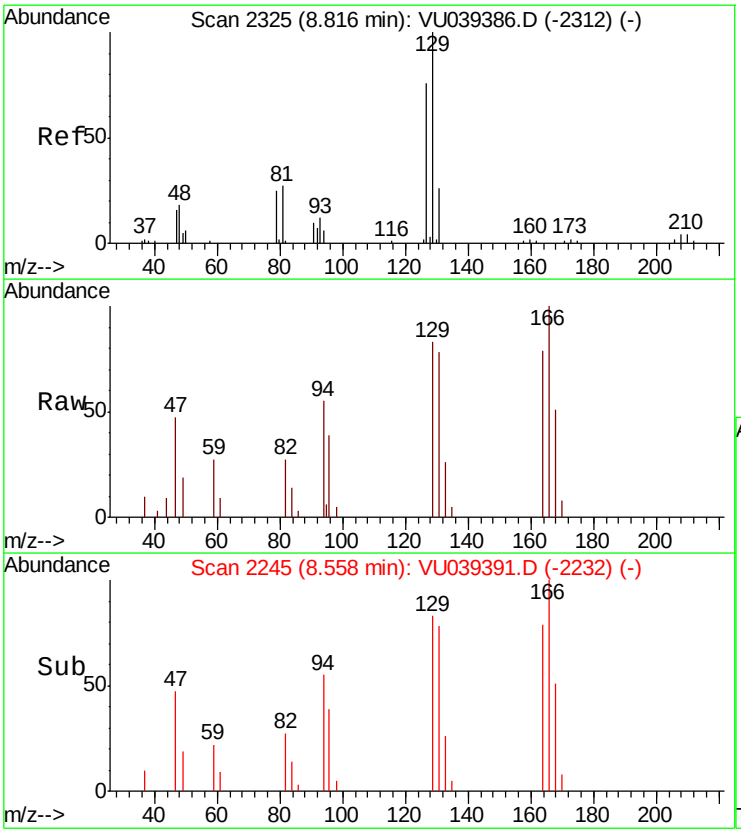
#48
2-Hexanone
Concen: 0.937 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument : MSVOA_U
ClientSampleId : F4B15

Tgt Ion: 43 Resp: 4444

Ion	Ratio	Lower	Upper
43	100		
58	23.3	42.0	63.0#
57	25.0	14.0	21.0#
100	1.1	8.2	12.2#

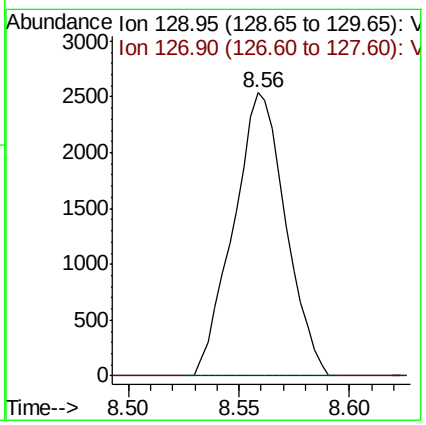


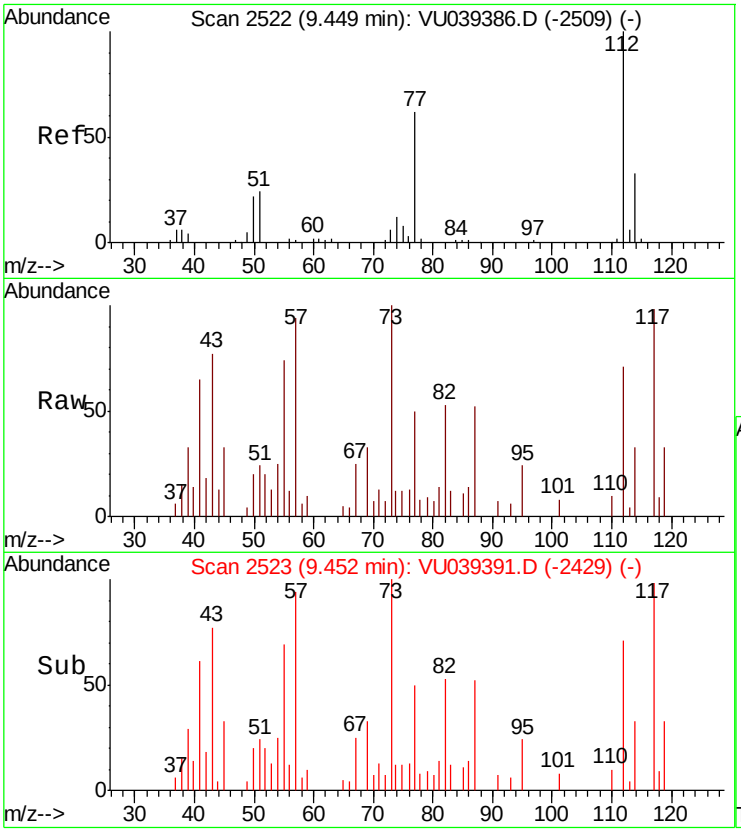


#49
Dibromochloromethane
Concen: 0.621 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion:129 Resp: 4165

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#



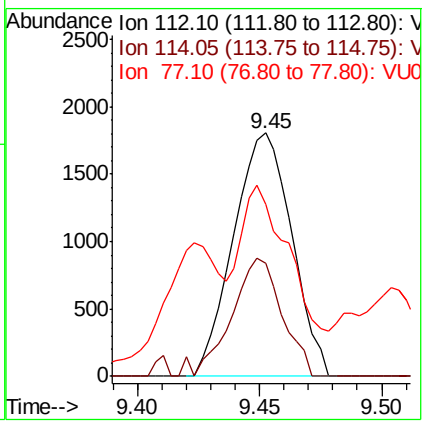


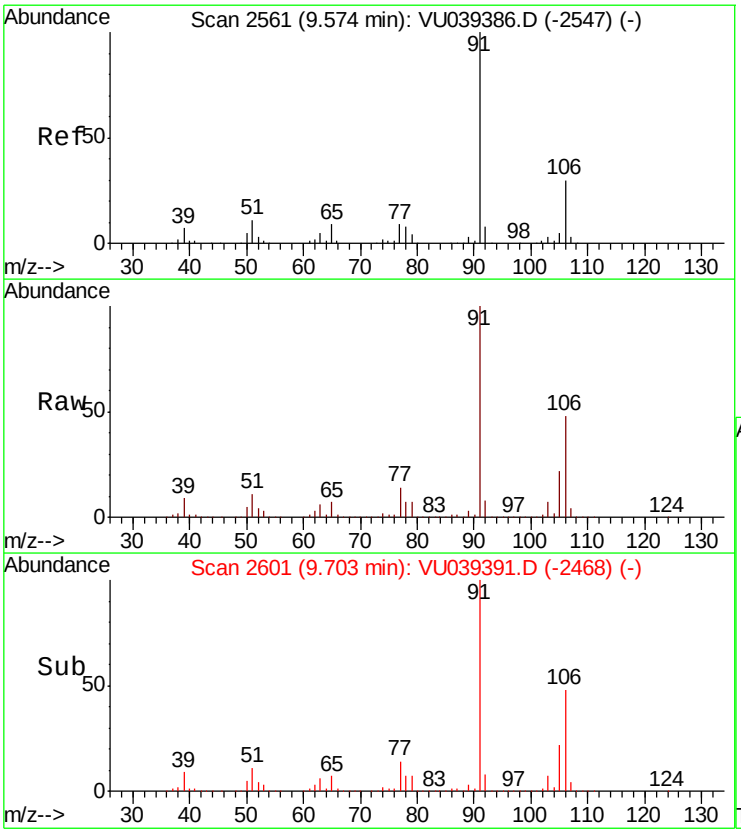
#51
Chlorobenzene
Concen: 0.162 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tgt Ion:112 Resp: 2988

Ion	Ratio	Lower	Upper
112	100		
114	46.7	22.1	41.1#
77	82.4	49.9	74.9#

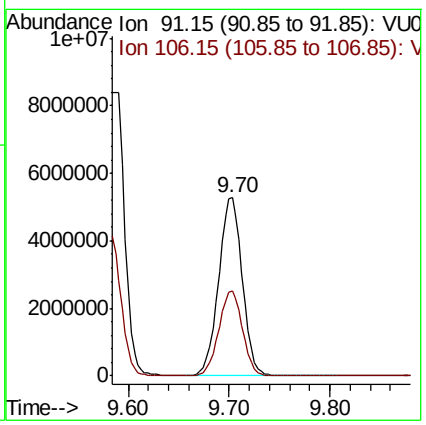


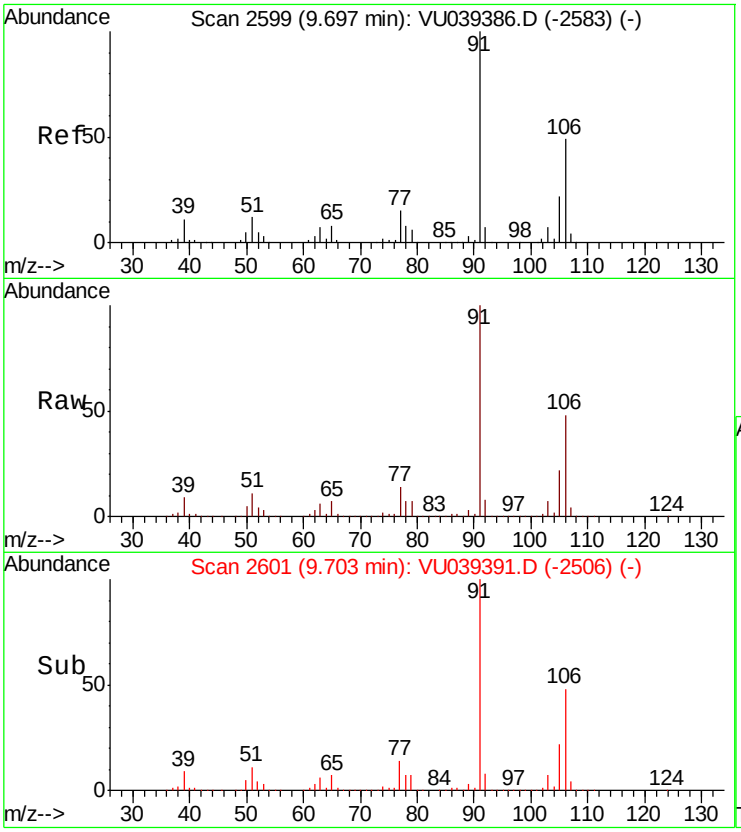


#52
Ethylbenzene
Concen: 258.420 ug/L
RT: 9.70 min Scan# 2601
Delta R.T. 0.13 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion: 91 Resp: 8646342

Ion	Ratio	Lower	Upper
91	100		
106	47.7	21.3	39.6#



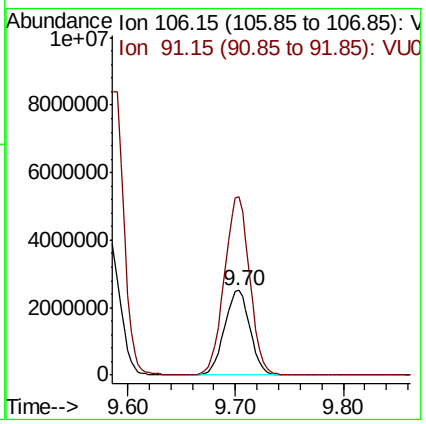


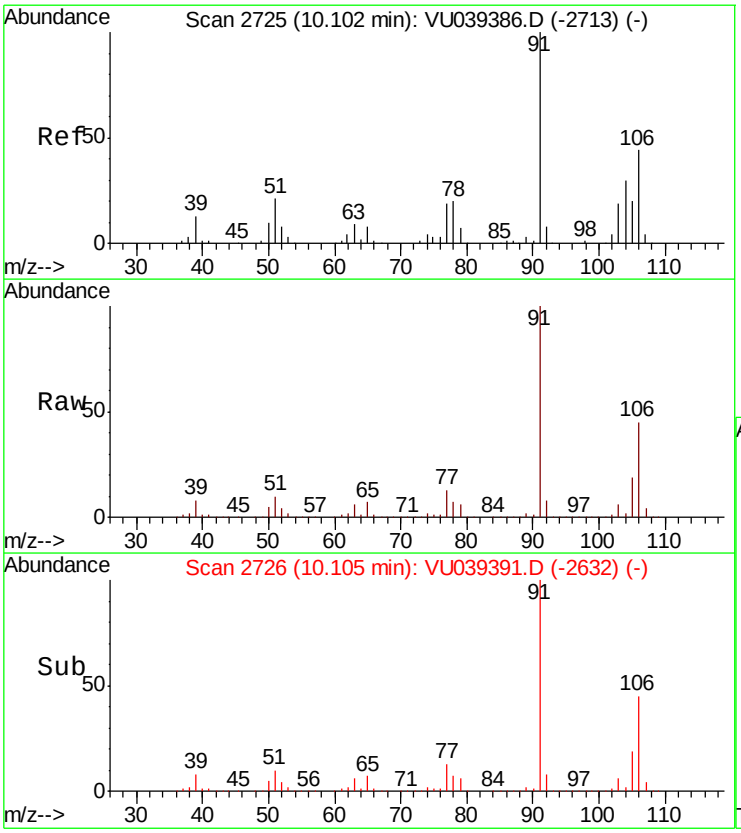
#53
m,p-Xylene
Concen: 328.826 ug/L
RT: 9.70 min Scan# 2601
Delta R.T. 0.01 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tgt Ion:106 Resp: 4145438

Ion	Ratio	Lower	Upper
106	100		
91	209.5	144.0	267.4

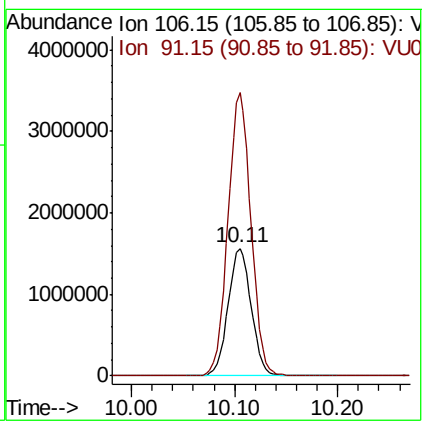


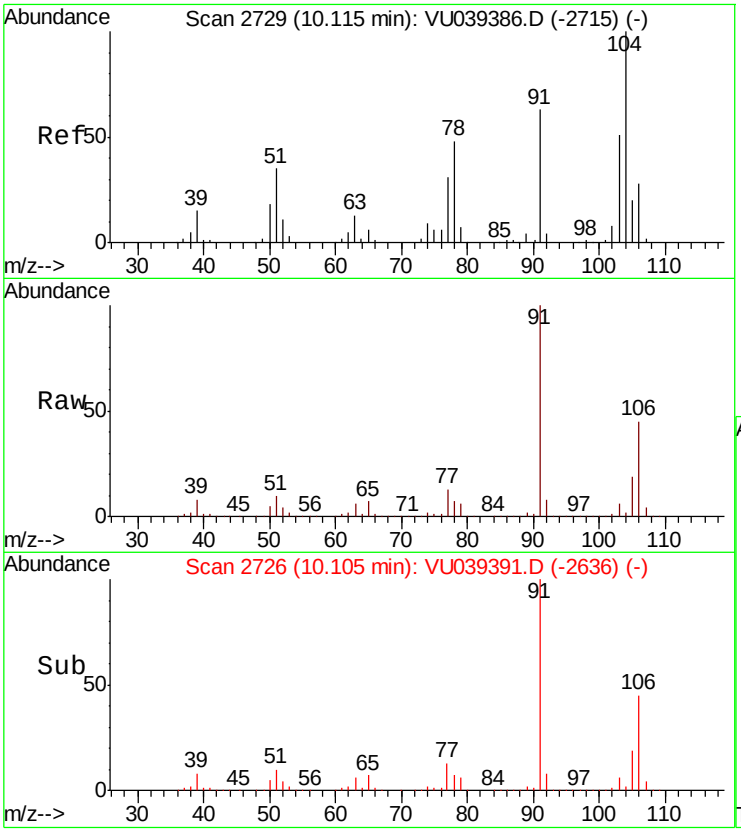


#54
o-Xylene
Concen: 199.345 ug/L
RT: 10.11 min Scan# 2726
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion:106 Resp: 2446558

Ion	Ratio	Lower	Upper
106	100		
91	221.5	154.6	287.2



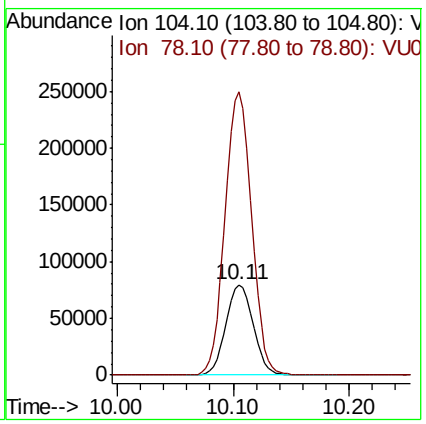


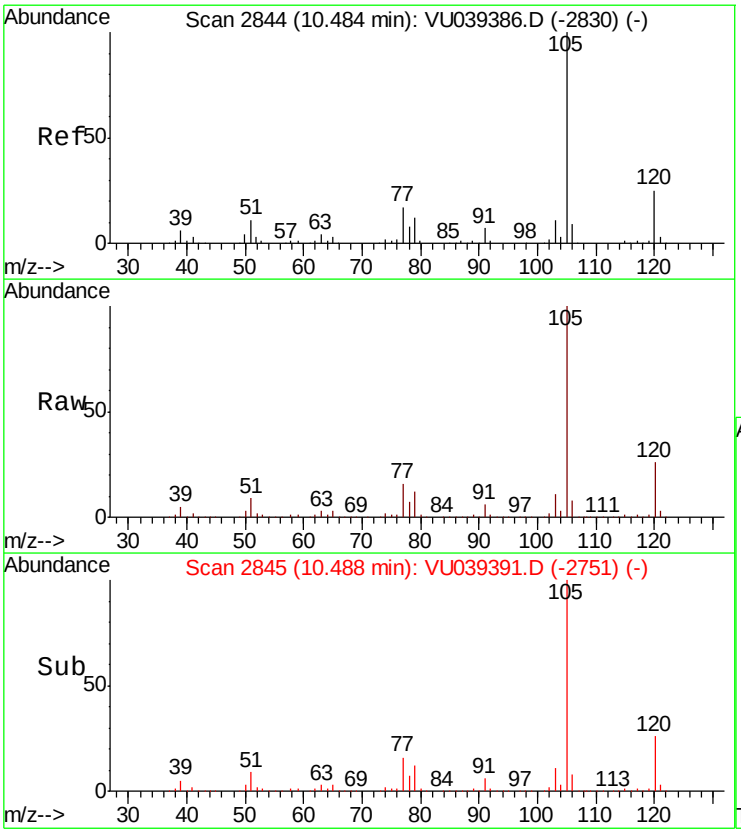
#55
Stvrene
Concen: 6.103 ug/L
RT: 10.11 min Scan# 2726
Delta R.T. -0.01 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tgt Ion:104 Resp: 130323

Ion	Ratio	Lower	Upper
104	100		
78	312.1	33.1	61.5#

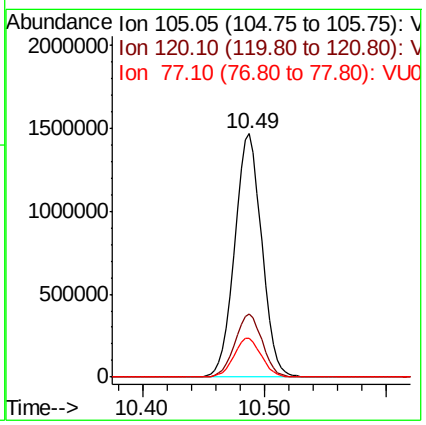


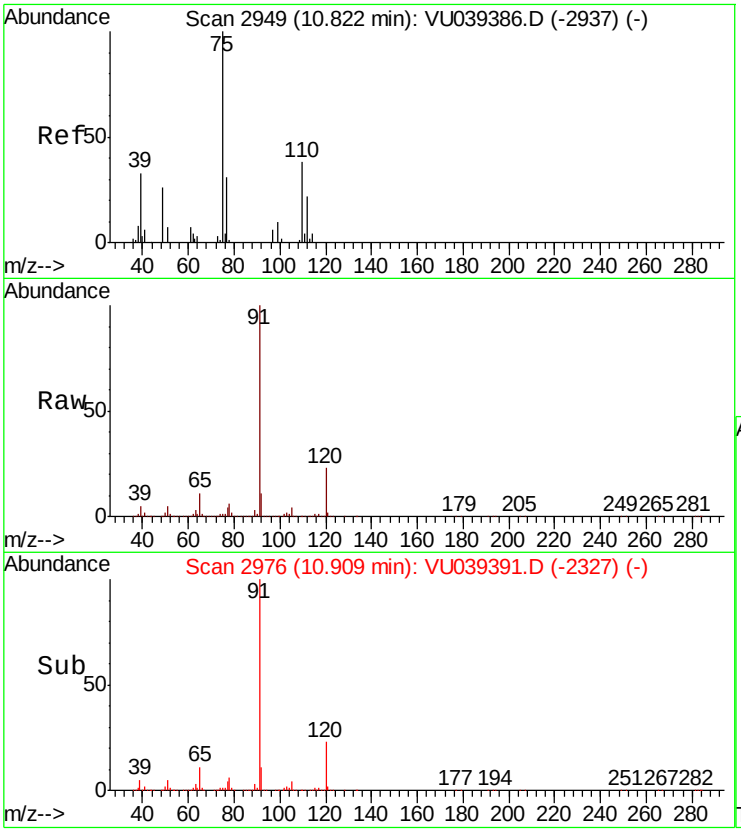


#56
Isopropylbenzene
Concen: 67.587 ug/L
RT: 10.49 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion:105 Resp: 2243333

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.7	31.1
77	16.2	13.9	20.9



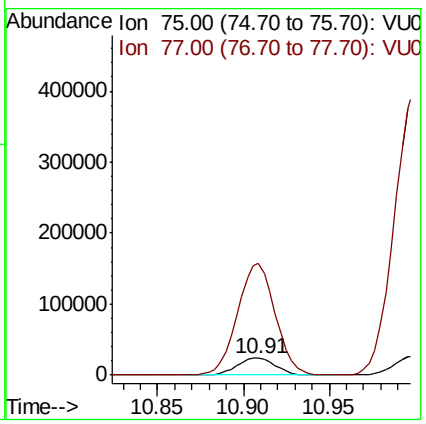


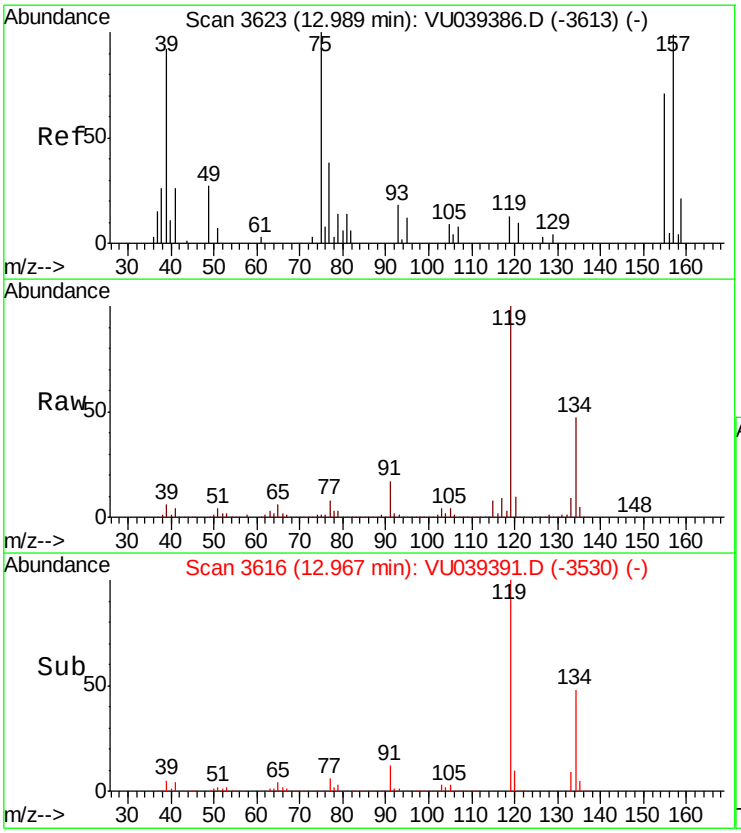
#59
1,2,3-Trichloropropane
Concen: 6.561 ug/L
RT: 10.91 min Scan# 2976
Delta R.T. 0.09 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tgt Ion: 75 Resp: 37266

Ion	Ratio	Lower	Upper
75	100		
77	644.2	26.8	40.2#

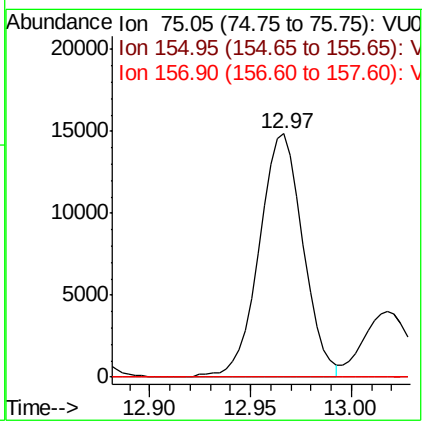


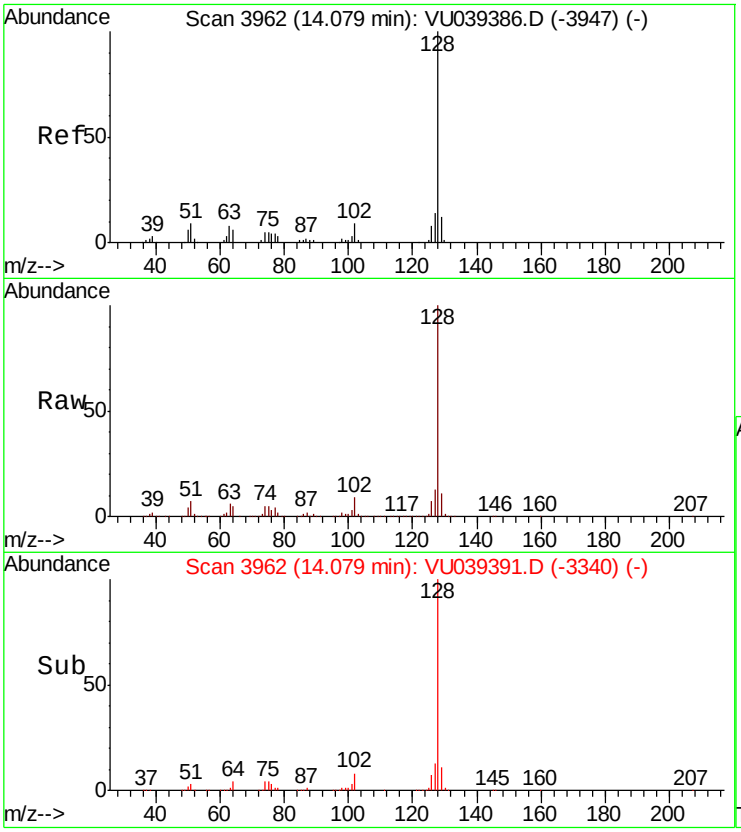


#66
1,2-Dibromo-3-chloropropane
Concen: 8.024 ug/L
RT: 12.97 min Scan# 3616
Delta R.T. -0.02 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion: 75 Resp: 22490

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.9	77.9#
157	0.0	63.2	94.8#





#69
Naphthalene
Concen: 154.175 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tgt Ion:128 Resp: 6287611

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.1	10.4	15.6