Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039606.D
Acq On : 21 Jul 2020 18:52
Operator : SY/MD
Sample : L3347-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Jul 22 02:07:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	109789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102982	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47769	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	31893	6.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 125.20%			
7) Chloroethane-d5	1.92	69	36104	6.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 129.80%			
11) 1,1-Dichloroethene-d2	2.58	63	68537	5.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 119.60%			
20) 2-Butanone-d5	4.66	46	121518	52.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.74%			
24) Chloroform-d	5.09	84	66443	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.72	65	43059	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.75	84	131346	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
36) 1,2-Dichloropropane-d6	6.71	67	43004	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.60%			
41) Toluene-d8	7.91	98	120311	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
43) trans-1,3-Dichloropropene-	8.19	79	16646	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.64	63	87692	50.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.24%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36329	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44069	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	29440	5.670	ug/L	95
13) Acetone	2.66	43	4480	3.502	ug/L	85
14) Carbon disulfide	2.81	76	2988	0.191	ug/L	97
15) Methyl Acetate	2.97	43	1159	0.371	ug/L #	56
25) Chloroform	5.11	83	3447	0.256	ug/L	100
27) 1,2-Dichloroethane	5.79	62	1375	0.150	ug/L #	76
33) Benzene	5.79	78	147018	5.941	ug/L	100
34) Trichloroethene	6.56	95	38292	5.619	ug/L	97
35) Methylcyclohexane	6.77	83	1165	0.116	ug/L #	68
37) 1,2-Dichloropropane	6.70	63	5106	0.741	ug/L #	90
39) cis-1,3-Dichloropropene	7.58	75	1502	0.152	ug/L #	61
42) Toluene	7.98	91	164479	6.071	ug/L	98
47) Tetrachloroethene	8.56	164	1274	0.273	ug/L #	81
48) 2-Hexanone	8.70	43	4169	1.048	ug/L #	96
49) Dibromochloromethane	8.56	129	1119	0.176	ug/L #	11
51) Chlorobenzene	9.45	112	97530	5.625	ug/L	97
52) Ethylbenzene	9.57	91	5298	0.172	ug/L	88

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039606.D
Acq On : 21 Jul 2020 18:52
Operator : SY/MD
Sample : L3347-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Jul 22 02:07:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
53) m,p-Xylene	9.70	106	1696	0.147 ug/L	72
54) o-Xylene	10.11	106	2257	0.201 ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	7444	1.473 ug/L	89

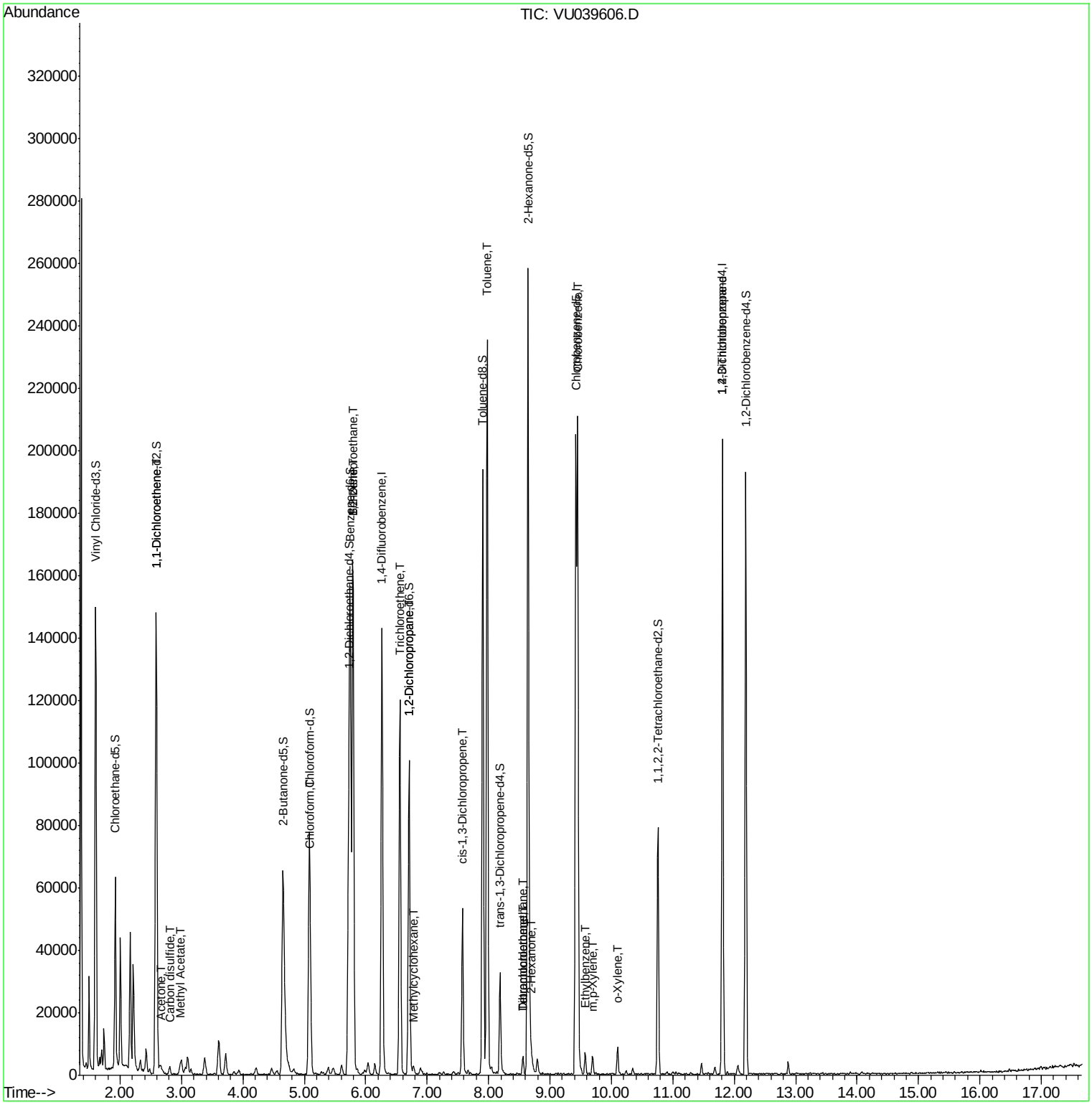
(#) = qualifier out of range (m) = manual integration (+) = signals summed

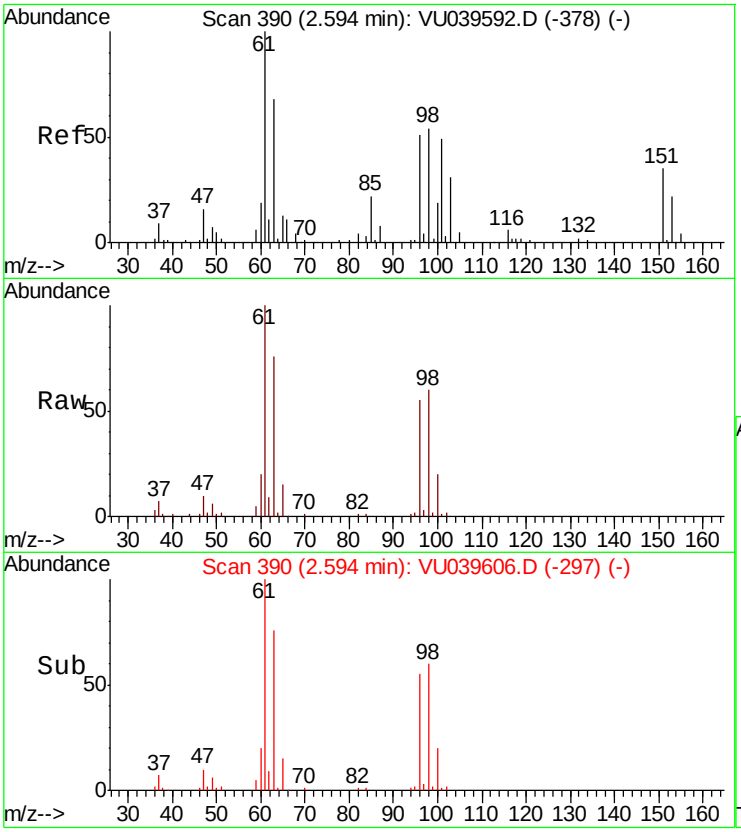
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039606.D
Acq On : 21 Jul 2020 18:52
Operator : SY/MD
Sample : L3347-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 22 02:07:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration



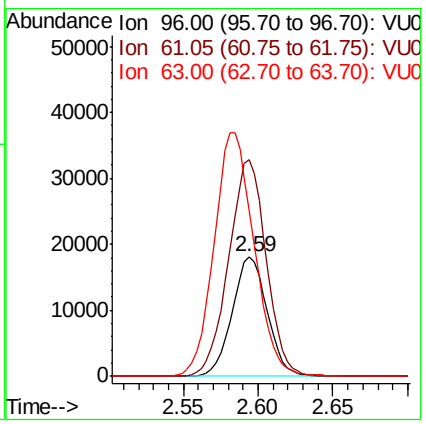


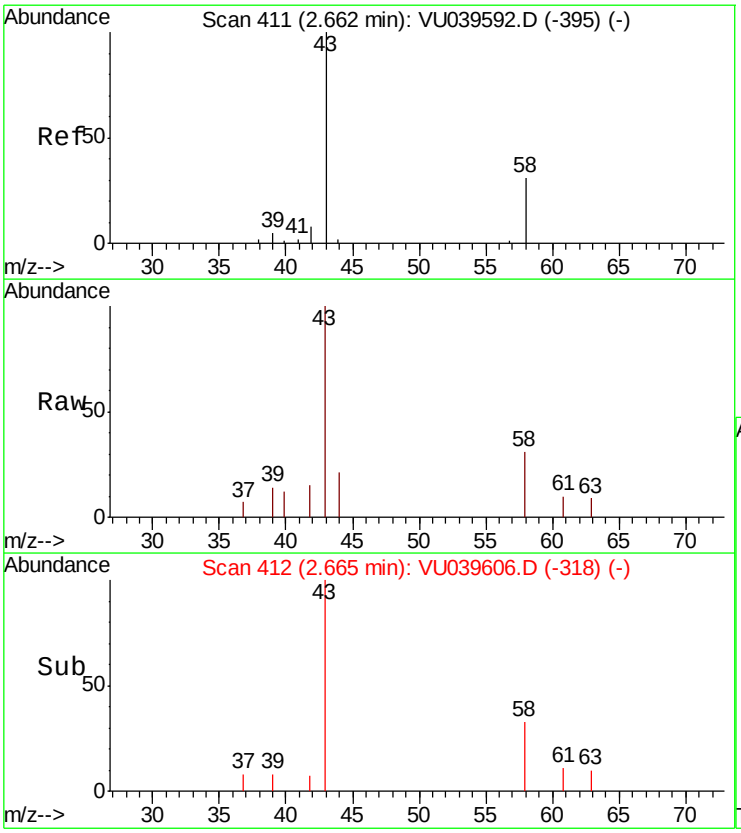
#12
1,1-Dichloroethene
Concen: 5.670 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 29440

Ion	Ratio	Lower	Upper
96	100		
61	181.2	129.1	239.7
63	138.3	89.7	166.7

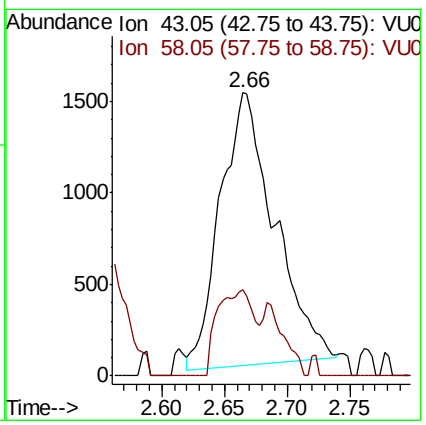


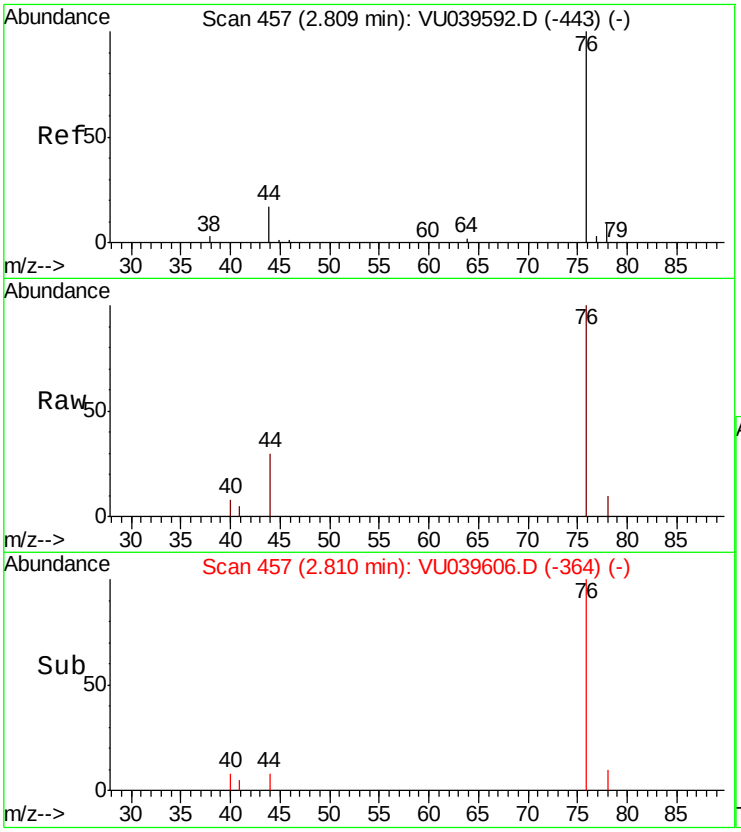


#13
Acetone
Concen: 3.502 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion: 43 Resp: 4480

Ion	Ratio	Lower	Upper
43	100		
58	21.3	0.0	59.0



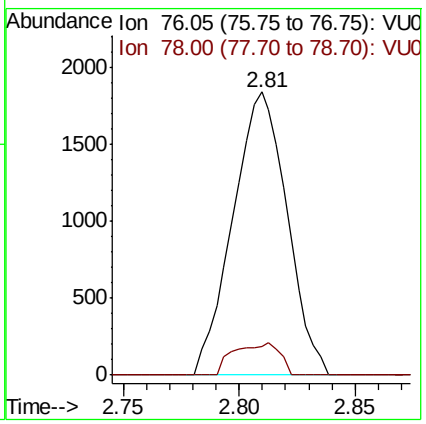


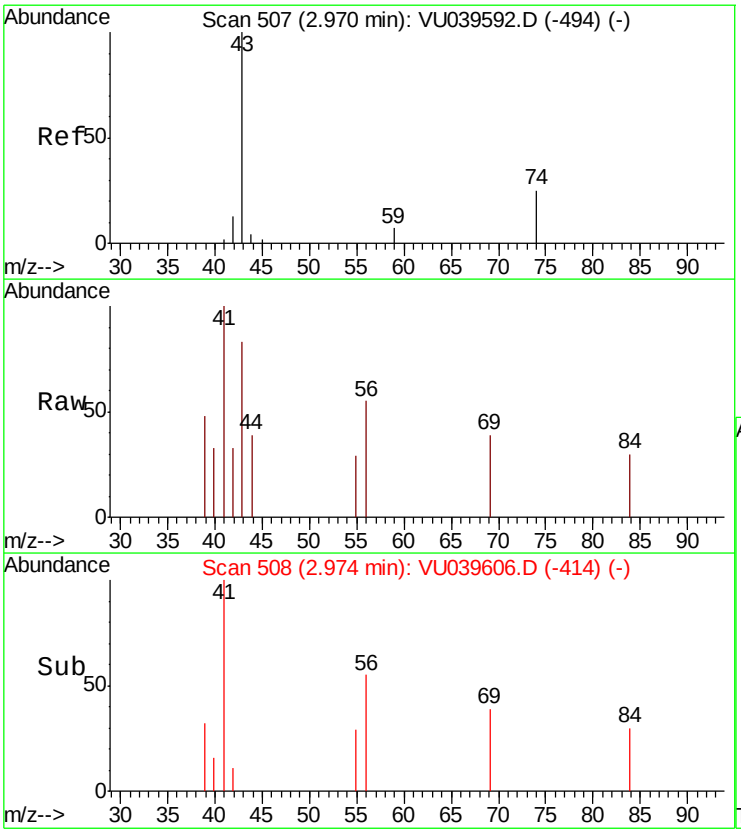
#14
Carbon disulfide
Concen: 0.191 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 2988

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.2	10.8

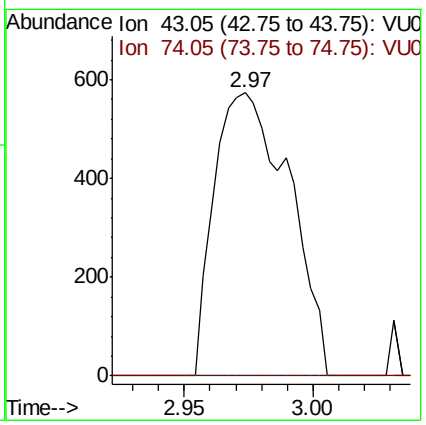


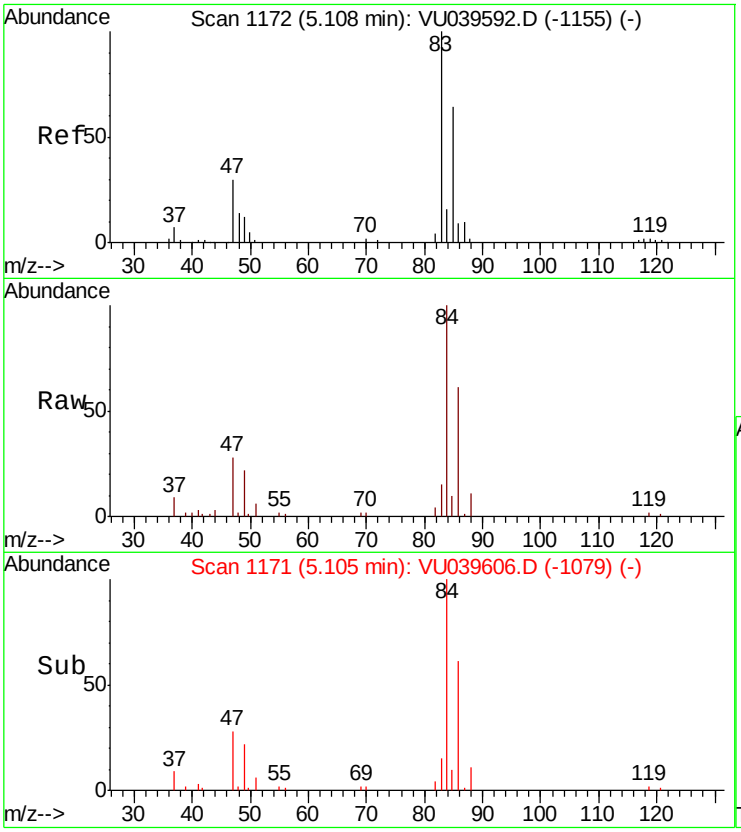


#15
Methyl Acetate
Concen: 0.371 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion: 43 Resp: 1159

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



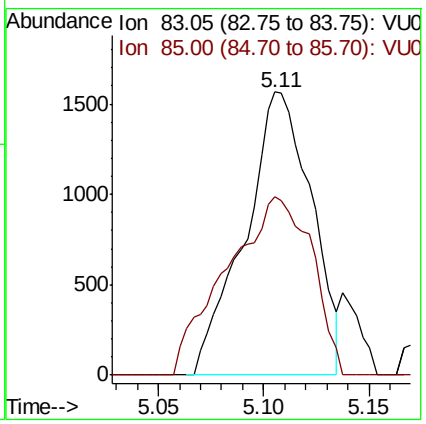


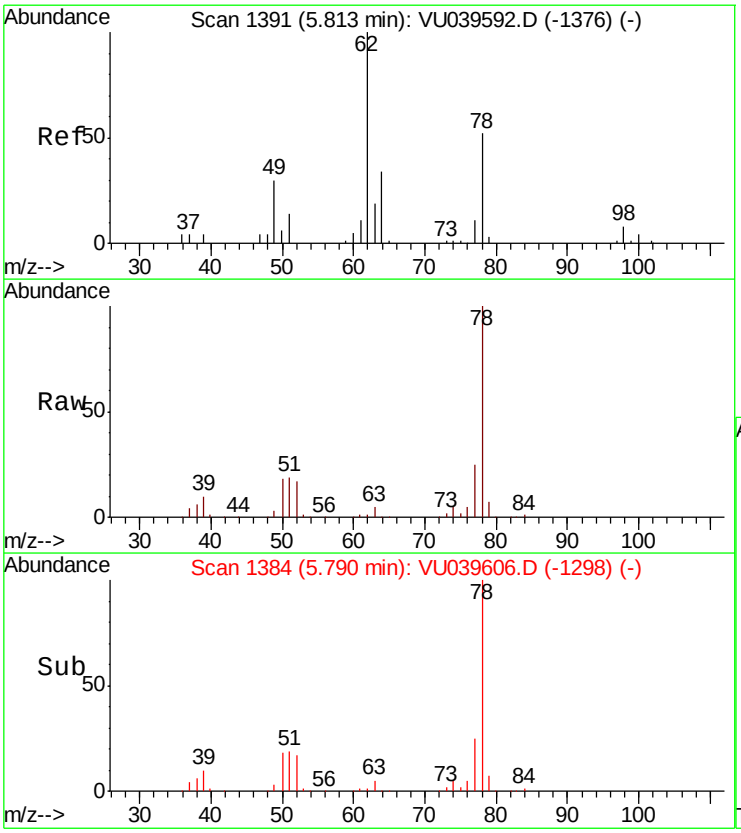
#25
Chloroform
Concen: 0.256 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 3447

Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.4	82.5

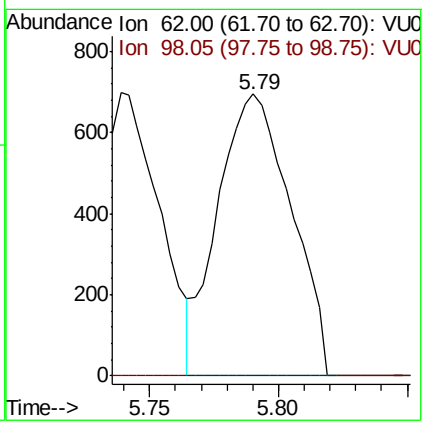


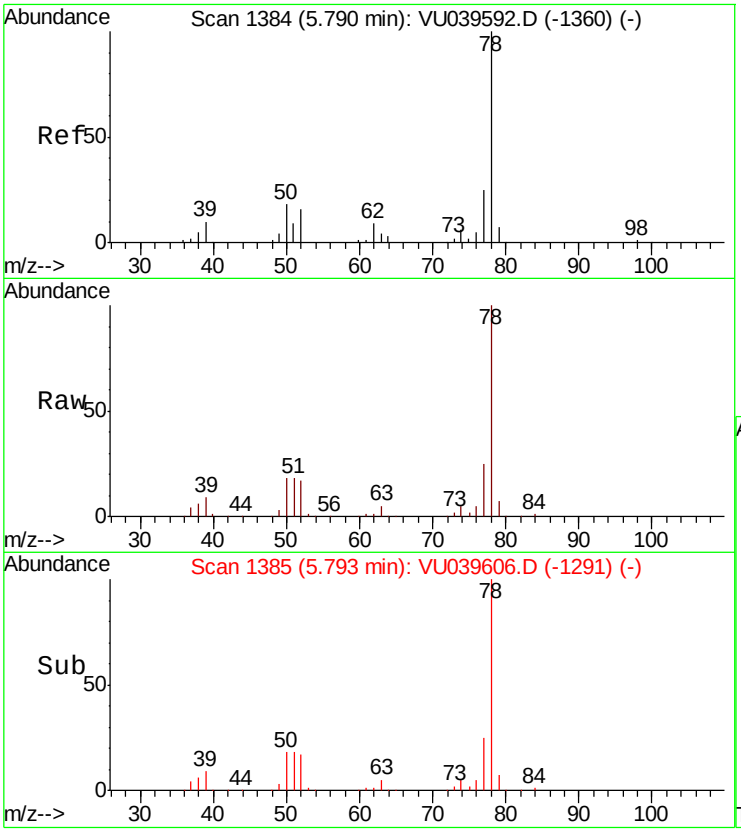


#27
1,2-Dichloroethane
Concen: 0.150 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.02 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion: 62 Resp: 1375

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#

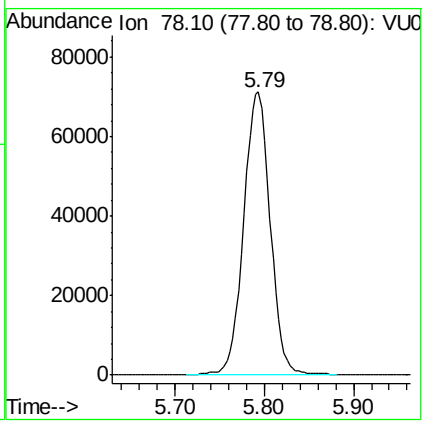


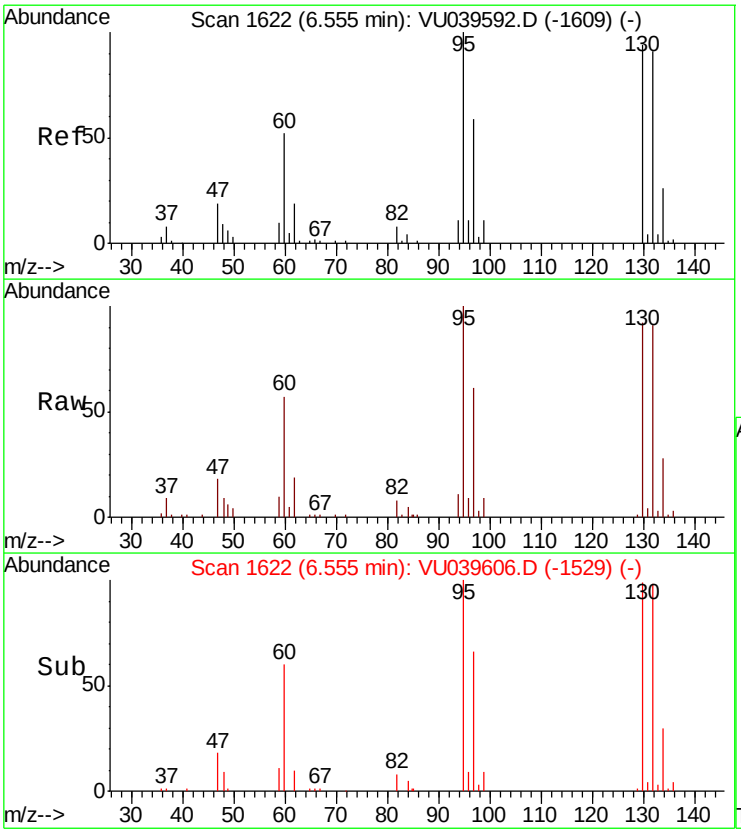


#33
Benzene
Concen: 5.941 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 147018

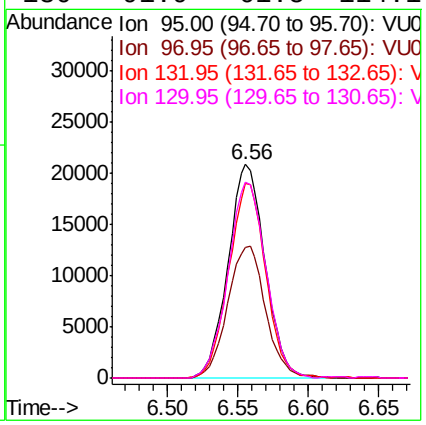


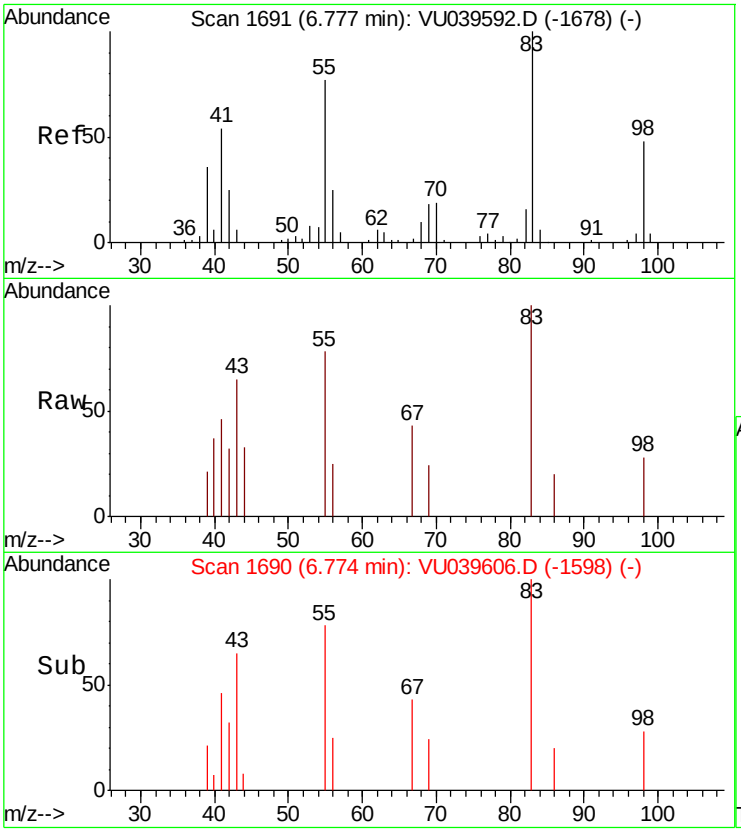


#34
Trichloroethene
Concen: 5.619 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion: 95 Resp: 38292

Ion	Ratio	Lower	Upper
95	100		
97	61.3	44.9	83.3
132	90.8	62.8	116.6
130	91.9	61.5	114.1



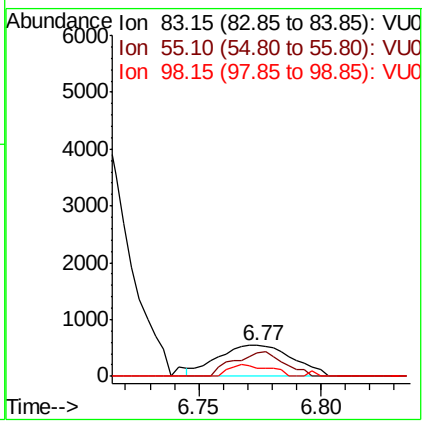


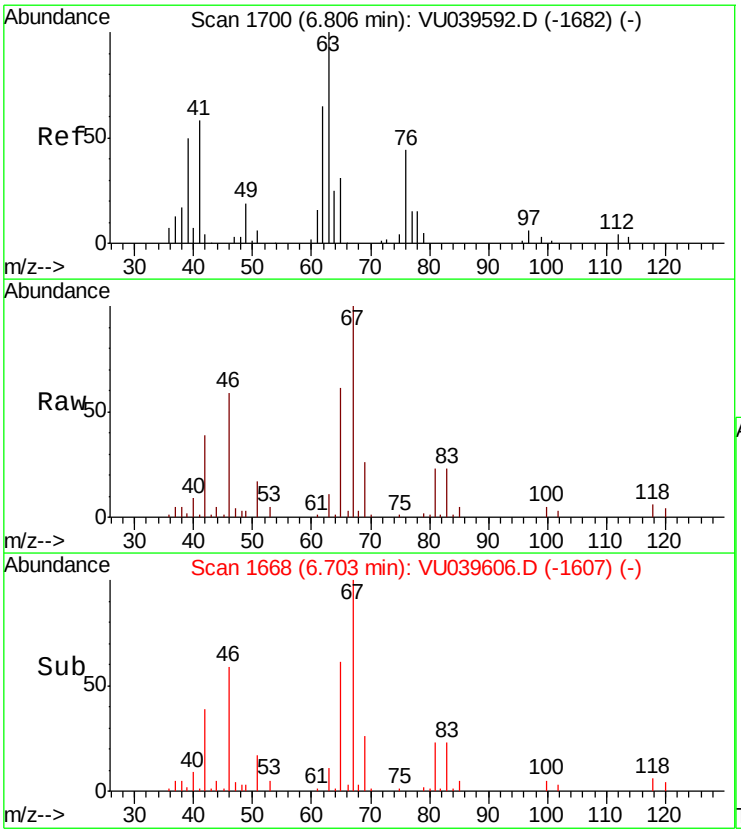
#35
Methylcyclohexane
Concen: 0.116 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 1165

Ion	Ratio	Lower	Upper
83	100		
55	53.1	63.0	94.6#
98	20.7	35.3	52.9#

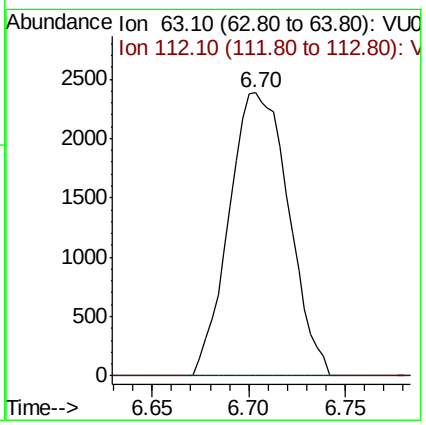


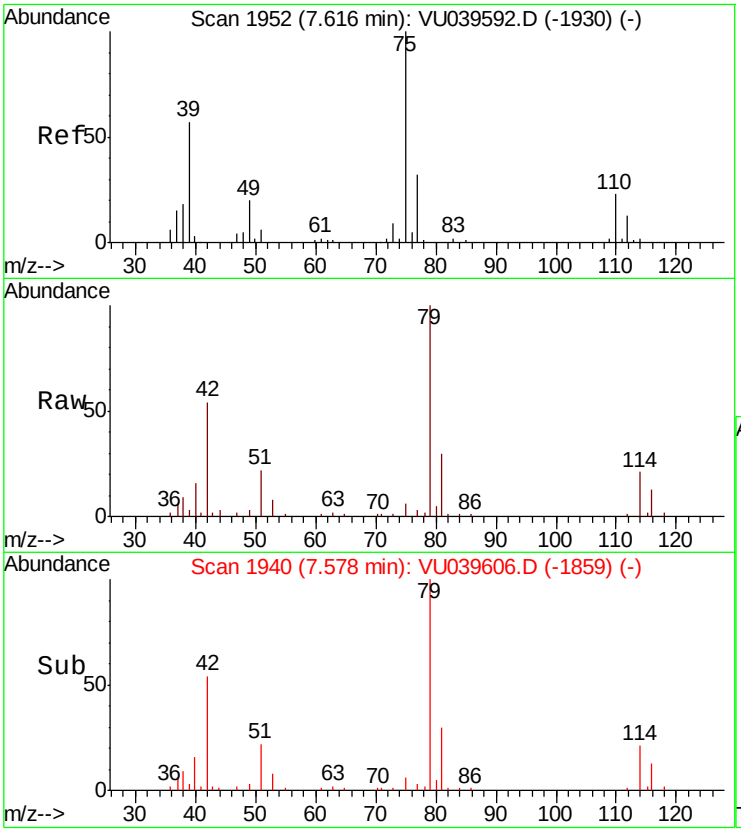


#37
1,2-Dichloropropane
Concen: 0.741 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion: 63 Resp: 5106

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#



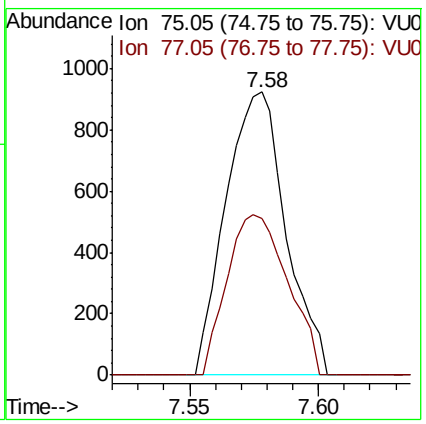


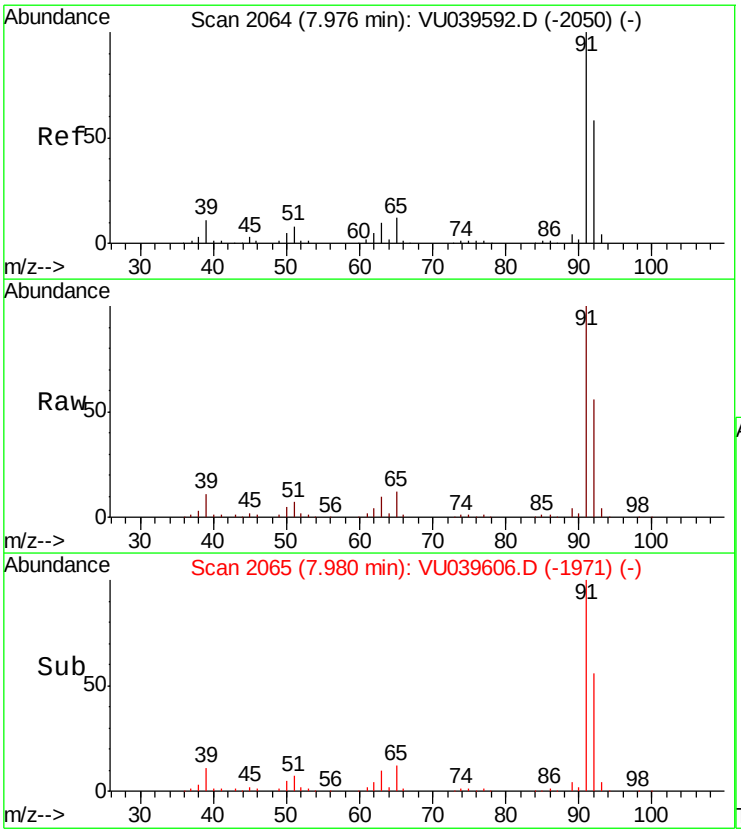
#39
cis-1,3-Dichloropropene
Concen: 0.152 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1502

Ion	Ratio	Lower	Upper
75	100		
77	55.4	23.2	43.0#

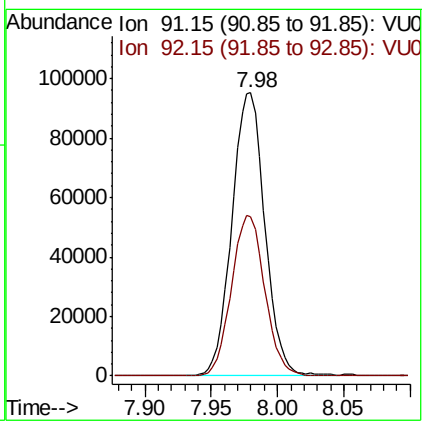


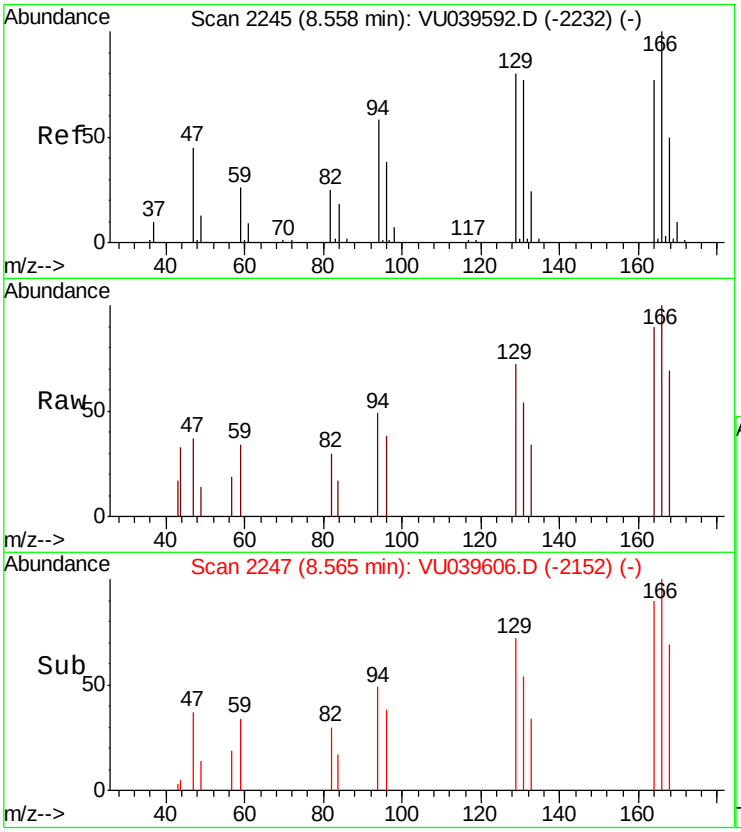


#42
Toluene
Concen: 6.071 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion: 91 Resp: 164479

Ion	Ratio	Lower	Upper
91	100		
92	56.5	38.6	71.6



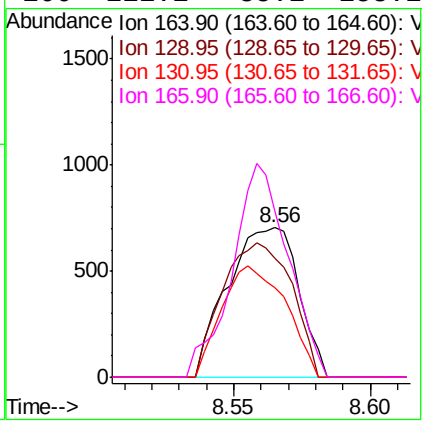


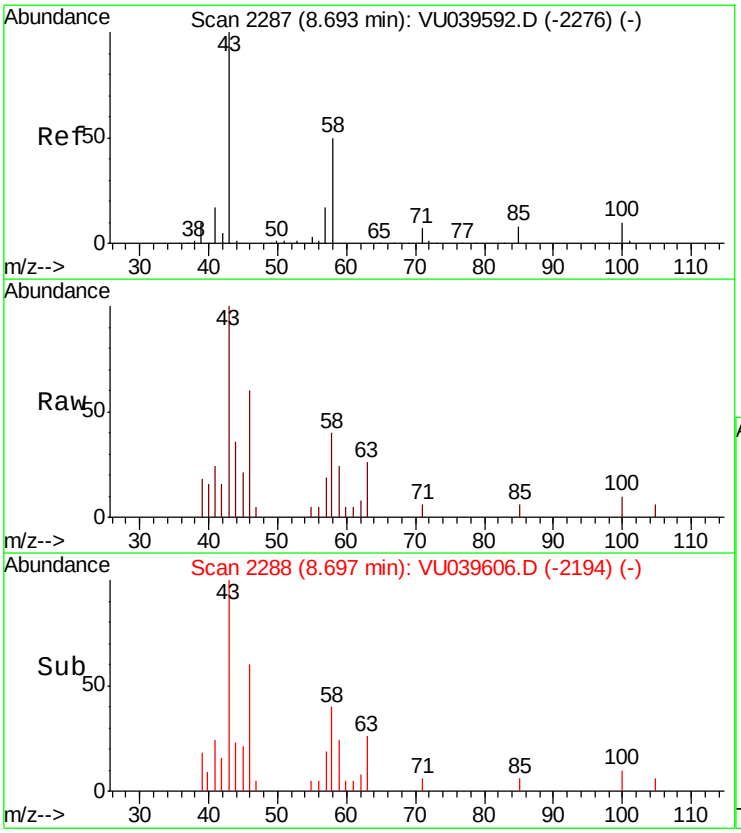
#47
Tetrachloroethene
Concen: 0.273 ug/L
RT: 8.56 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 1274

Ion	Ratio	Lower	Upper
164	100		
129	79.6	67.9	126.1
131	59.7	64.7	120.1#
166	111.1	85.1	158.1

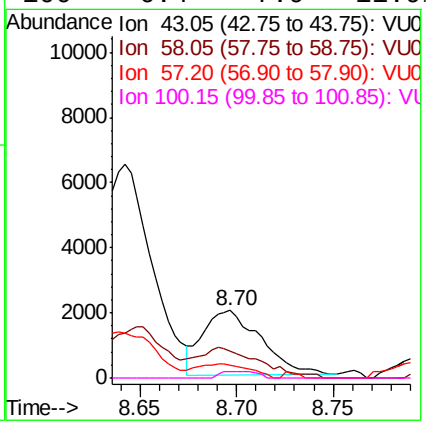


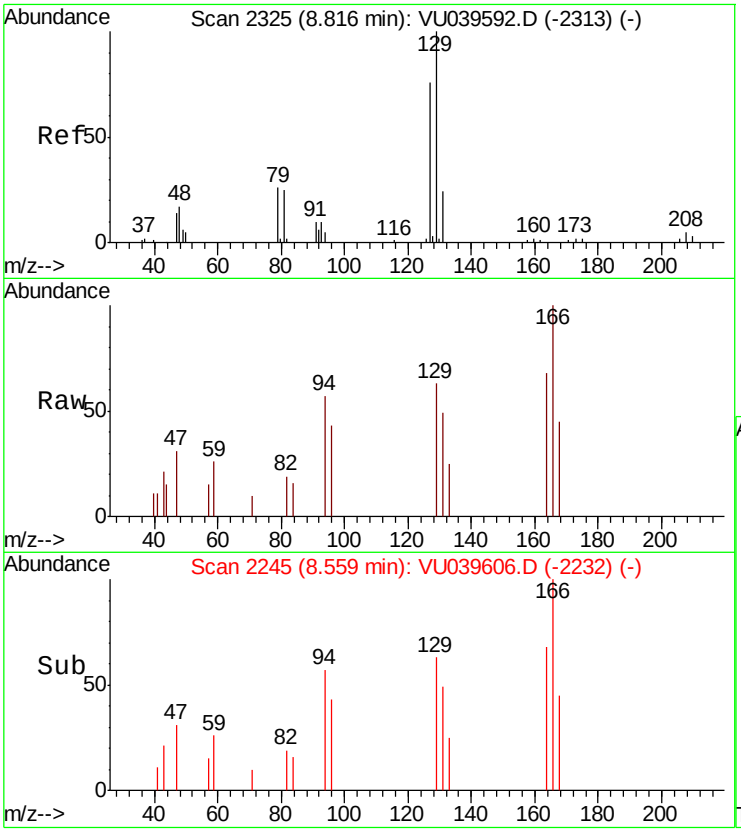


#48
2-Hexanone
Concen: 1.048 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion: 43 Resp: 4169

Ion	Ratio	Lower	Upper
43	100		
58	48.9	40.9	61.3
57	20.2	14.6	21.8
100	6.4	7.9	11.9#



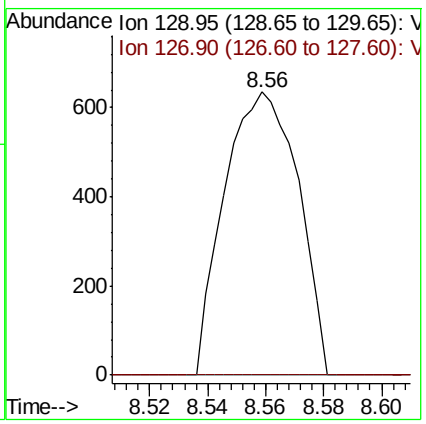


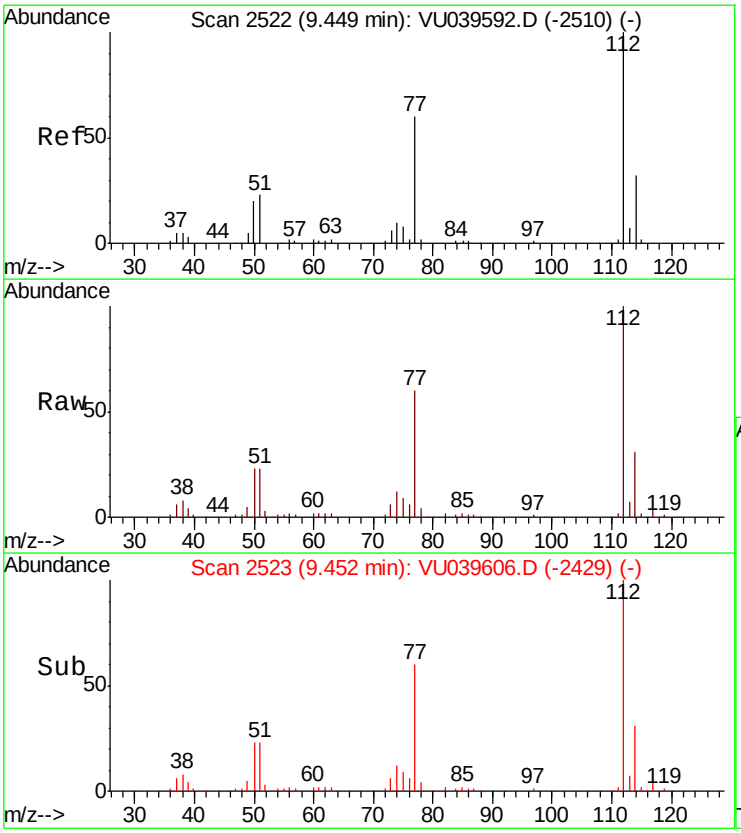
#49
Dibromochloromethane
Concen: 0.176 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 1119

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#

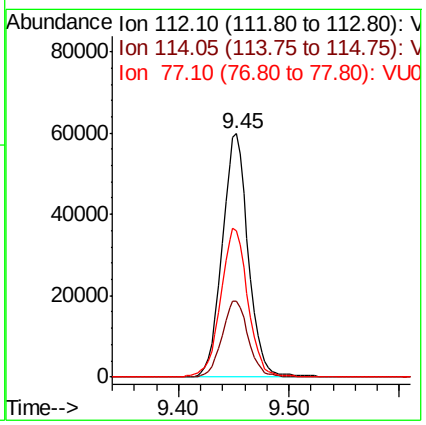


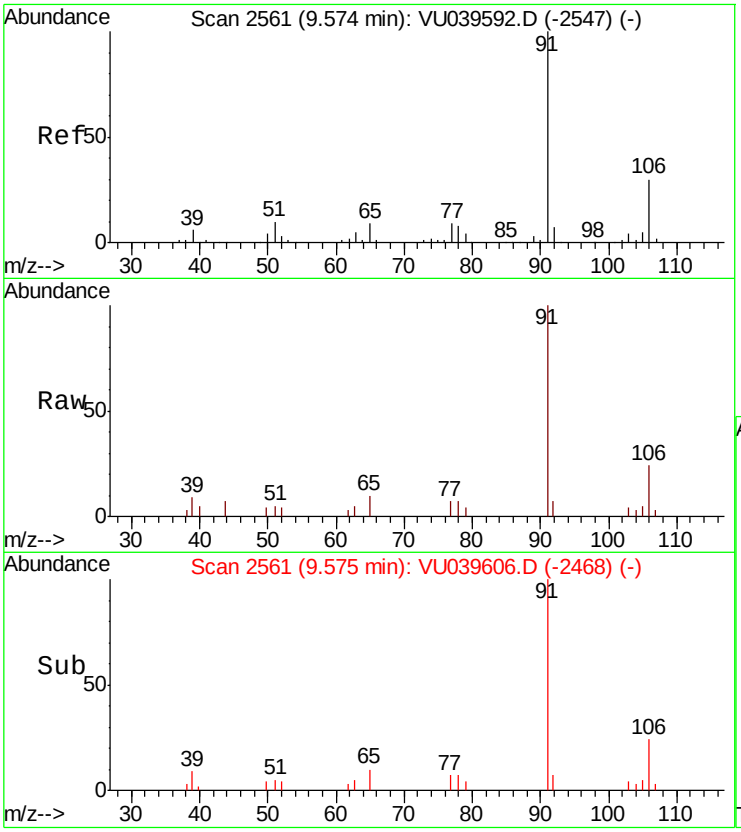


#51
Chlorobenzene
Concen: 5.625 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion:112 Resp: 97530

Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.9	42.5
77	60.3	50.0	75.0



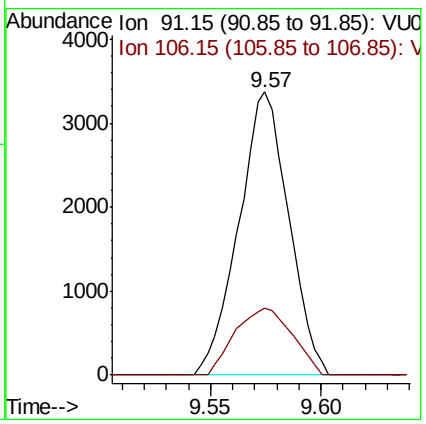


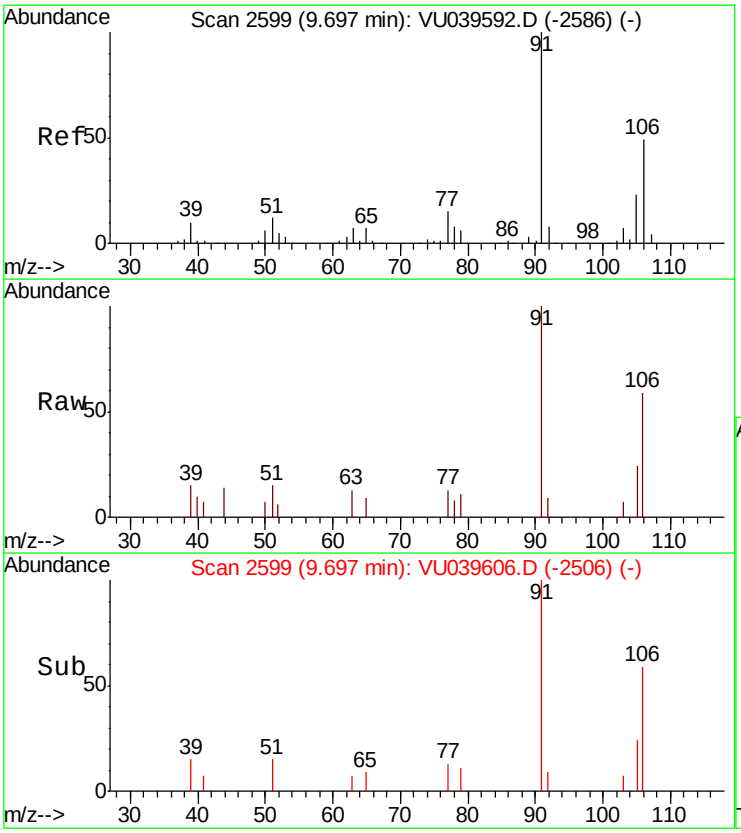
#52
Ethylbenzene
Concen: 0.172 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 5298

Ion	Ratio	Lower	Upper
91	100		
106	23.8	21.3	39.6

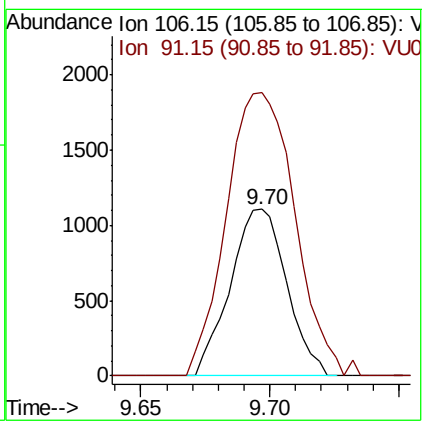


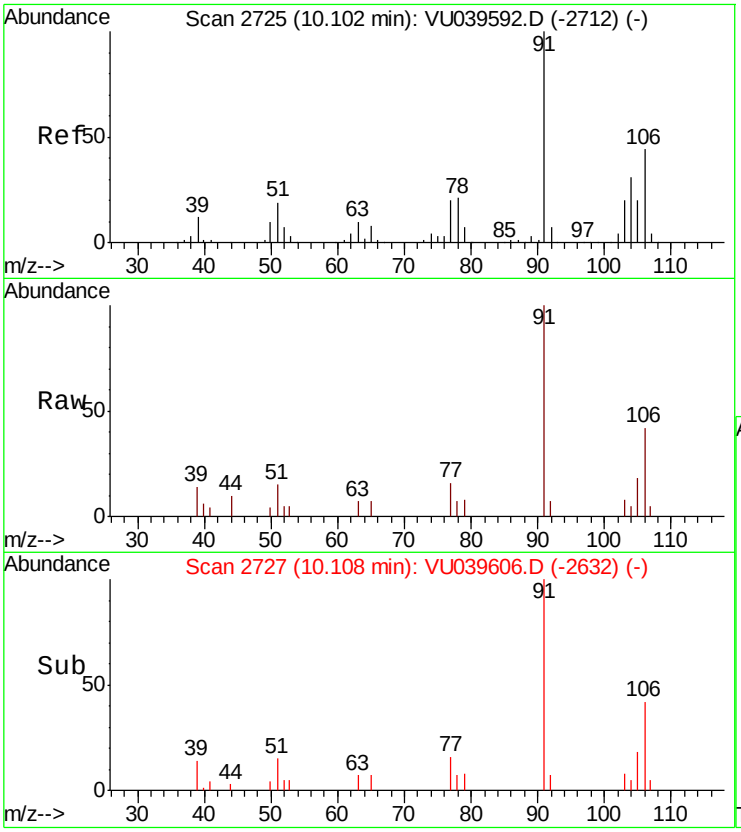


#53
m,p-Xylene
Concen: 0.147 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion:106 Resp: 1696

Ion	Ratio	Lower	Upper
106	100		
91	169.7	149.3	277.3



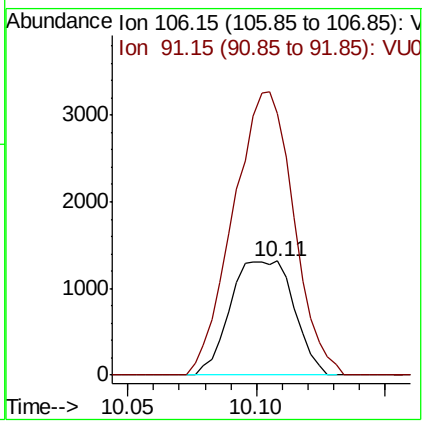


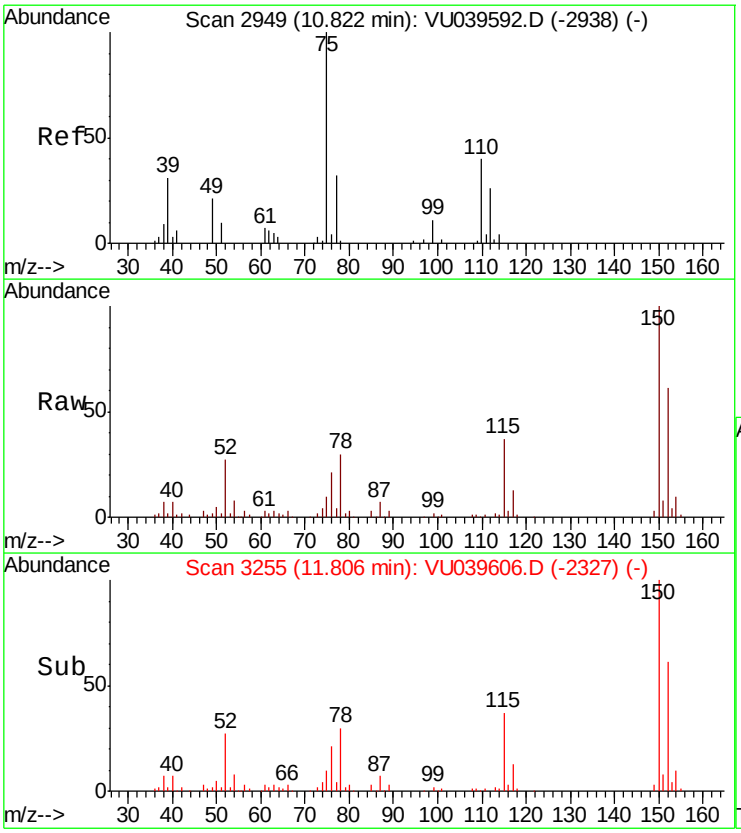
#54
o-Xylene
Concen: 0.201 ug/L
RT: 10.11 min Scan# 2727
Delta R.T. 0.01 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2257

Ion	Ratio	Lower	Upper
106	100		
91	229.9	157.4	292.4





#59
1,2,3-Trichloropropane
Concen: 1.473 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039606.D
Acq: 21 Jul 2020 18:52

Tgt Ion: 75 Resp: 7444

Ion	Ratio	Lower	Upper
75	100		
77	38.2	25.5	38.3