Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081420\
Data File : VU039874.D
Acq On : 14 Aug 2020 21:44
Operator : SY/MD
Sample : L3517-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 17 07:41:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	68358	5.00	ug/L	0.03
28) Chlorobenzene-d5	9.43	117	69790	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36792	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	17577	4.76	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.20%			
7) Chloroethane-d5	1.95	69	18485	4.63	ug/L	0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	2.60	63	35232	4.74	ug/L	0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.80%			
20) 2-Butanone-d5	4.81	46	43933	27.06	ug/L	0.15
Spiked Amount 50.000	Range 40 - 130		Recovery = 54.12%			
24) Chloroform-d	5.13	84	42505	4.61	ug/L	0.05
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.76	65	27002	4.92	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.77	84	74886	4.51	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
36) 1,2-Dichloropropane-d6	6.73	67	28406	5.00	ug/L	0.03
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.92	98	64571	4.38	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	8.20	79	11032	5.06	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.20%			
46) 2-Hexanone-d5	8.66	63	66359	56.25	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.50%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28050	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	32236	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	2754	0.496	ug/L #	55
12) 1,1-Dichloroethene	2.59	96	321	0.079	ug/L #	1
13) Acetone	2.65	43	802	0.838	ug/L	59
14) Carbon disulfide	2.82	76	2114	0.166	ug/L #	22
17) Methyl tert-butyl Ether	3.44	73	50354	4.651	ug/L #	95
18) trans-1,2-Dichloroethene	3.39	96	1755	0.387	ug/L	98
22) cis-1,2-Dichloroethene	4.73	96	6479	1.312	ug/L	94
33) Benzene	5.82	78	20946	1.102	ug/L	100
34) Trichloroethene	6.58	95	12310	2.493	ug/L	90
37) 1,2-Dichloropropane	6.73	63	3329	0.659	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	918	0.133	ug/L #	41
40) 4-Methyl-2-pentanone	7.83	43	11426	3.027	ug/L	97
42) Toluene	7.99	91	23240	1.163	ug/L	99
44) trans-1,3-Dichloropropene	8.20	75	749	0.121	ug/L	84
47) Tetrachloroethene	8.56	164	4994	1.226	ug/L	87
48) 2-Hexanone	8.71	43	2865	1.051	ug/L #	92
49) Dibromochloromethane	8.56	129	4939	1.059	ug/L #	12

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081420\
Data File : VU039874.D
Acq On : 14 Aug 2020 21:44
Operator : SY/MD
Sample : L3517-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 17 07:41:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.58	91	15387	0.688	ug/L	99
53) m,p-Xylene	9.70	106	20719	2.433	ug/L	96
54) o-Xylene	10.10	106	6040	0.724	ug/L	98
59) 1,2,3-Trichloropropane	11.06	75	1005	0.276	ug/L	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081420\
Data File : VU039874.D
Acq On : 14 Aug 2020 21:44
Operator : SY/MD
Sample : L3517-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

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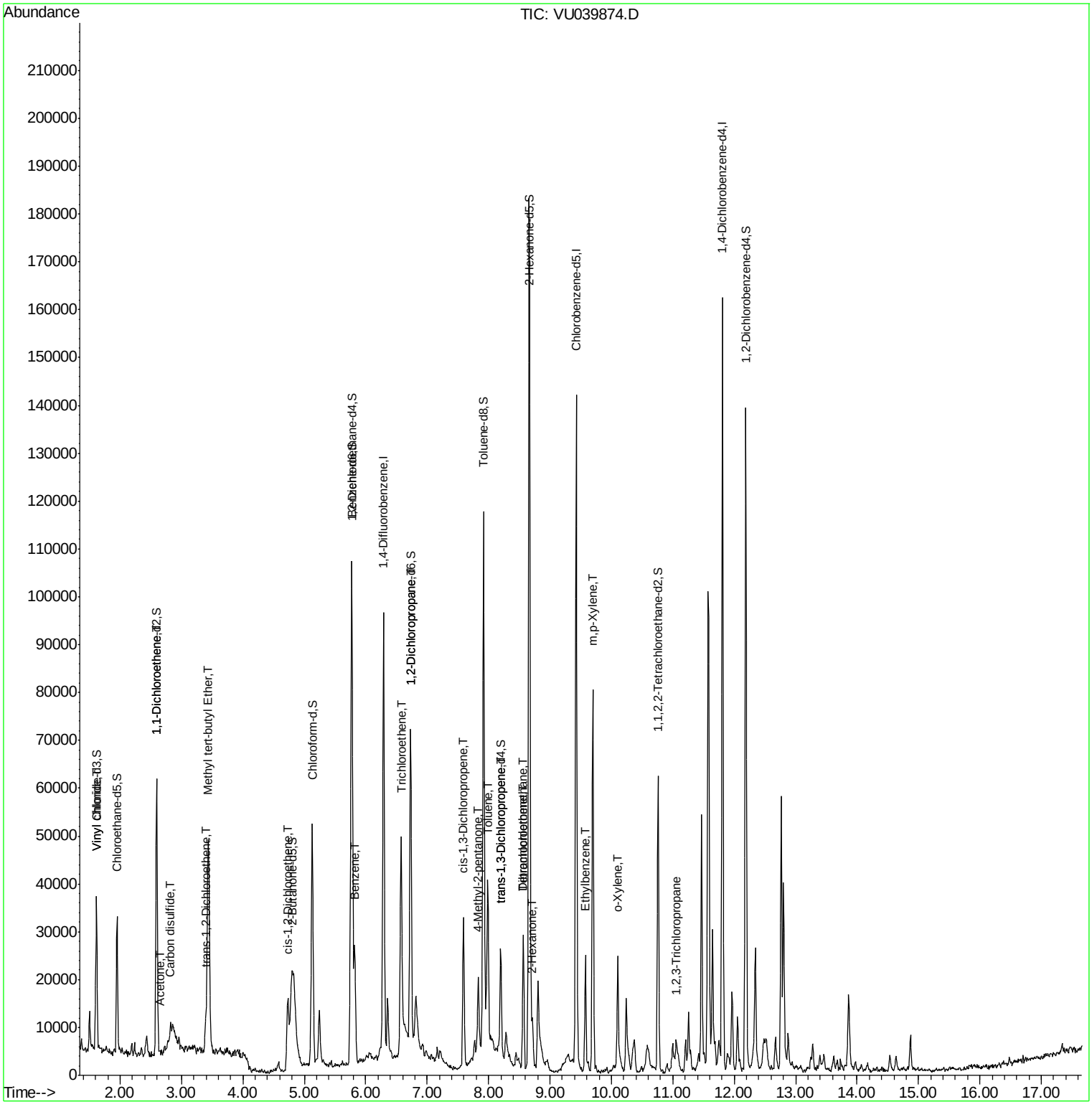
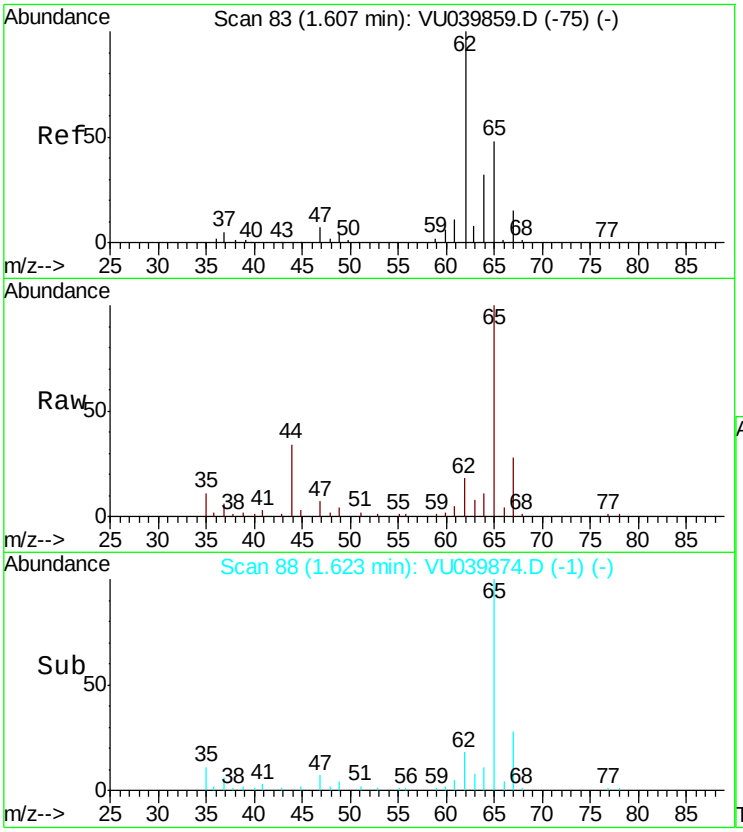
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration



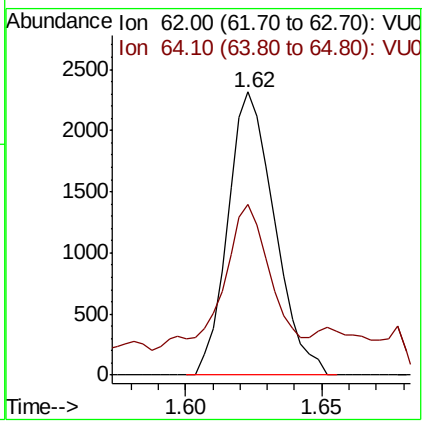


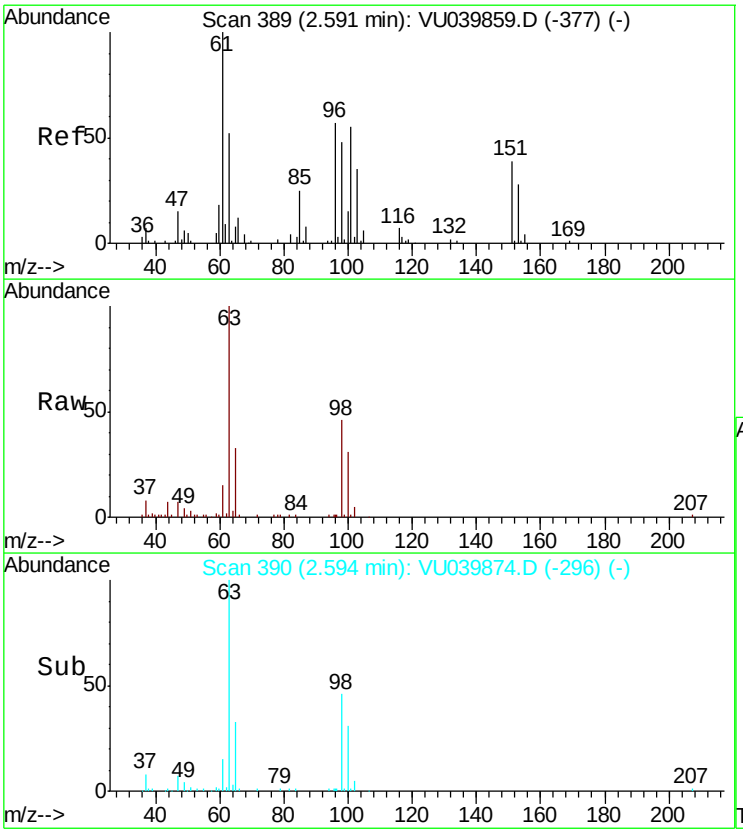
#5
Vinyl chloride
Concen: 0.496 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.02 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 2754

Ion	Ratio	Lower	Upper
62	100		
64	60.3	24.1	44.7#

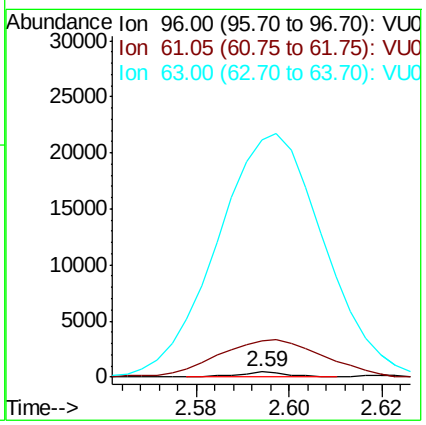


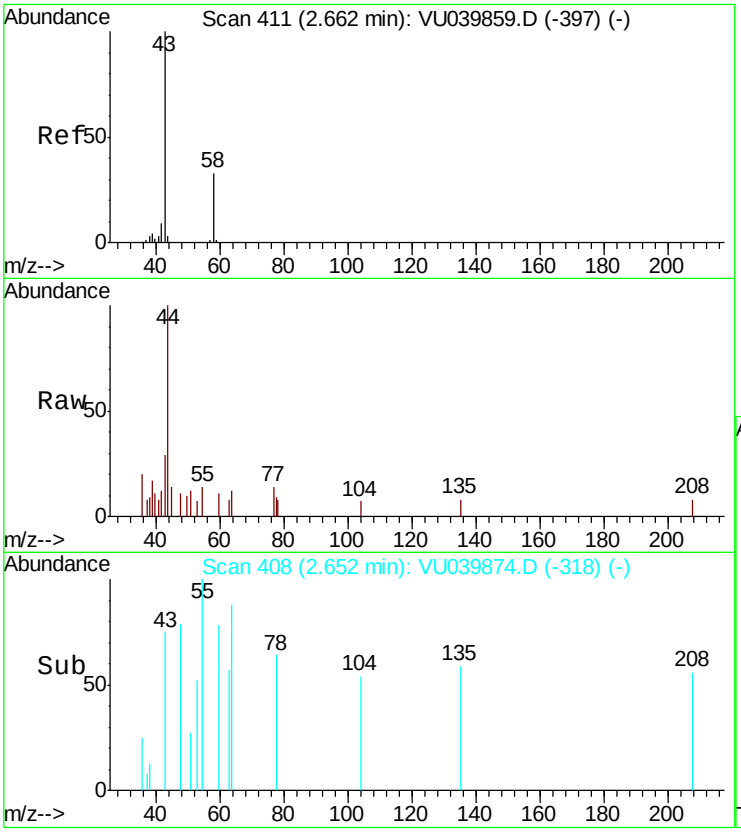


#12
1,1-Dichloroethene
Concen: 0.079 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion: 96 Resp: 321

Ion	Ratio	Lower	Upper
96	100		
61	661.7	121.7	225.9#
63	4399.2	82.1	152.5#



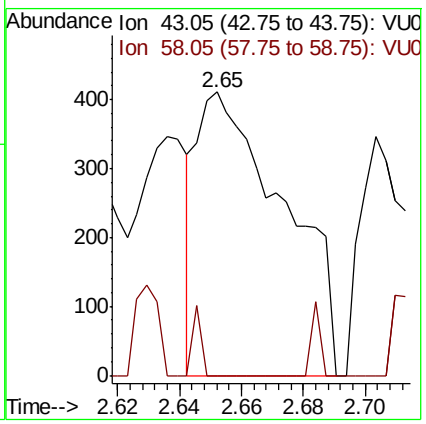


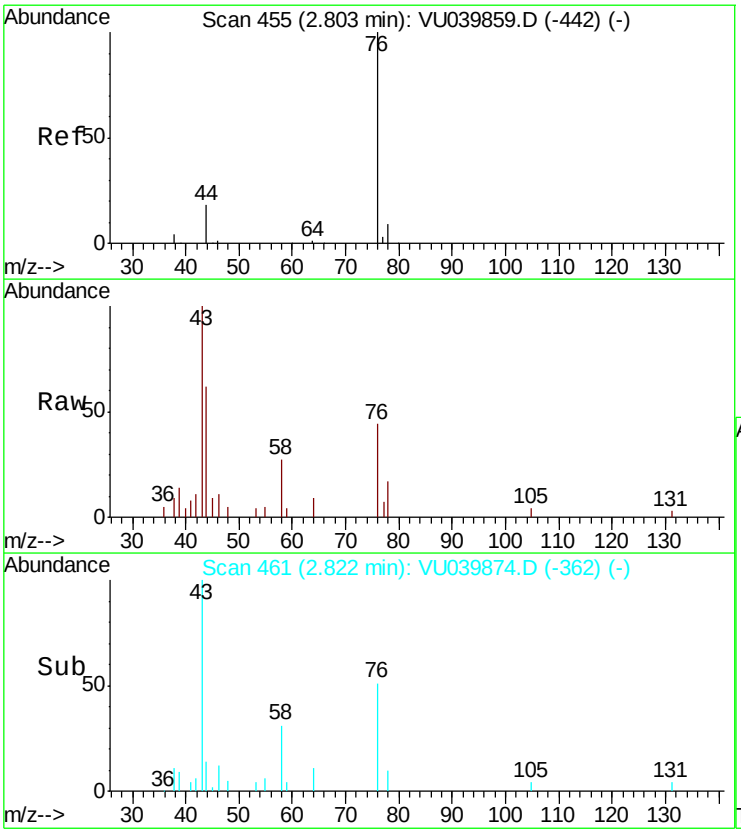
#13
Acetone
Concen: 0.838 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 802

Ion	Ratio	Lower	Upper
43	100		
58	8.4	0.0	61.8

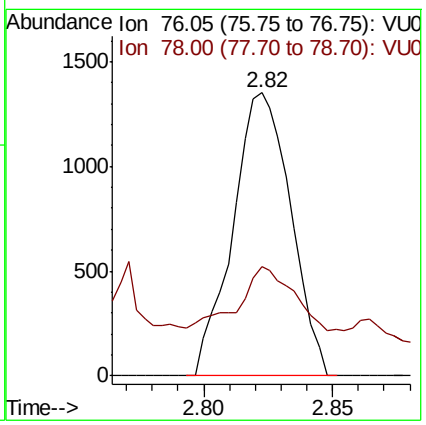


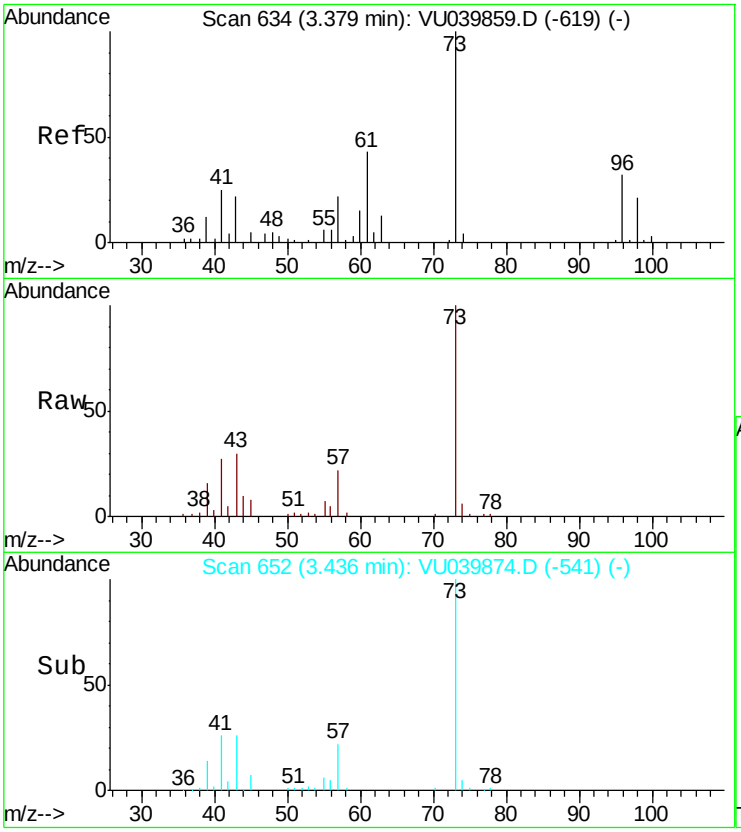


#14
Carbon disulfide
Concen: 0.166 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.02 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion: 76 Resp: 2114

Ion	Ratio	Lower	Upper
76	100		
78	38.5	7.8	11.6#



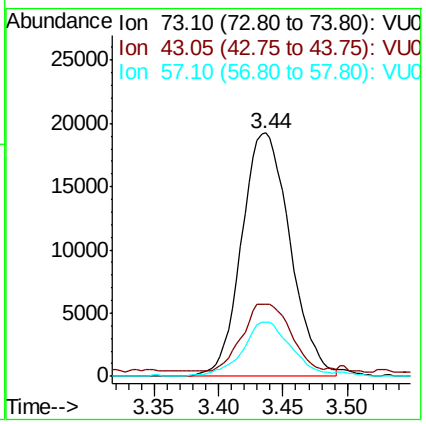


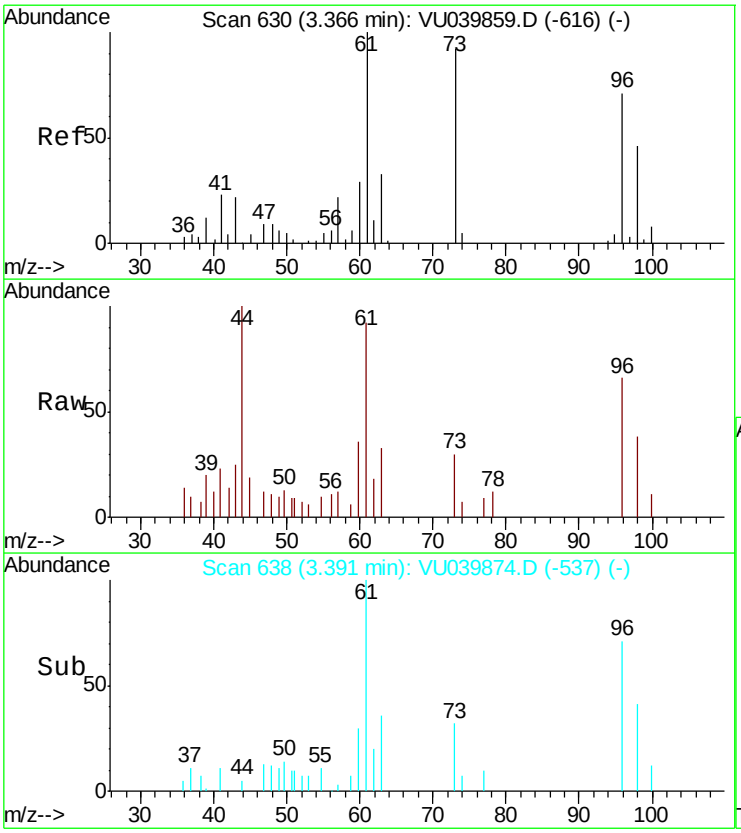
#17
Methyl tert-butyl Ether
Concen: 4.651 ug/L
RT: 3.44 min Scan# 652
Delta R.T. 0.06 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 50354

Ion	Ratio	Lower	Upper
73	100		
43	27.7	18.2	27.4#
57	22.4	17.8	26.8

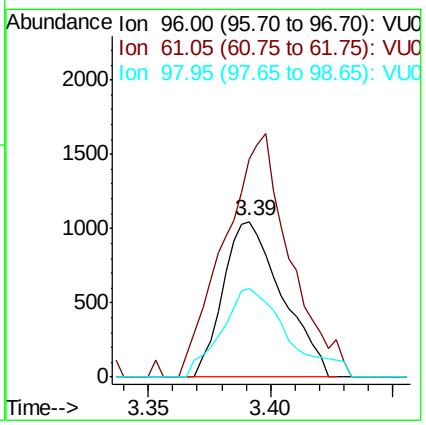


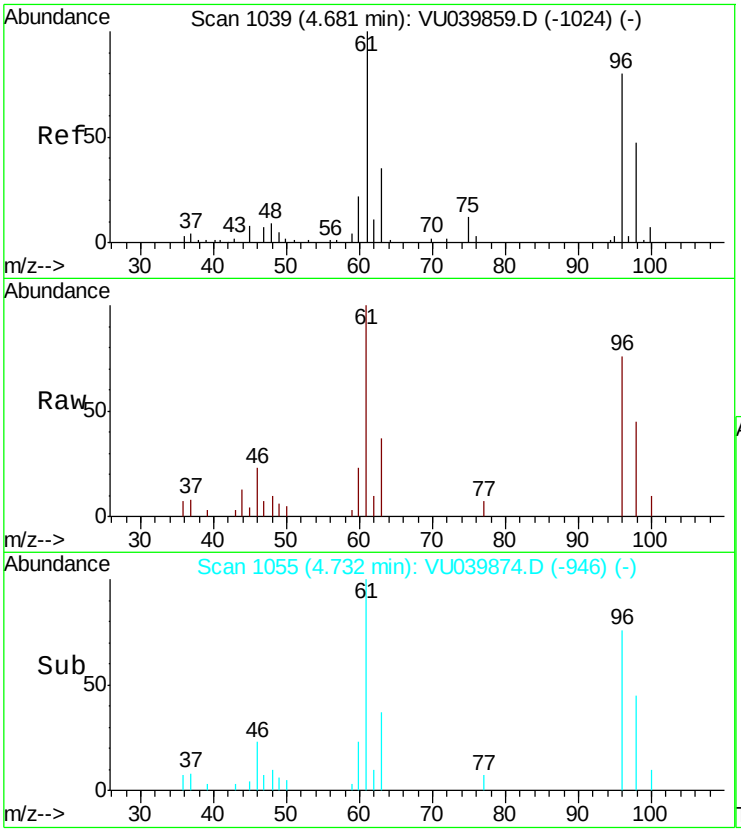


#18
trans-1,2-Dichloroethene
Concen: 0.387 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.03 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion: 96 Resp: 1755

Ion	Ratio	Lower	Upper
96	100		
61	140.2	96.5	179.1
98	57.3	40.9	76.0



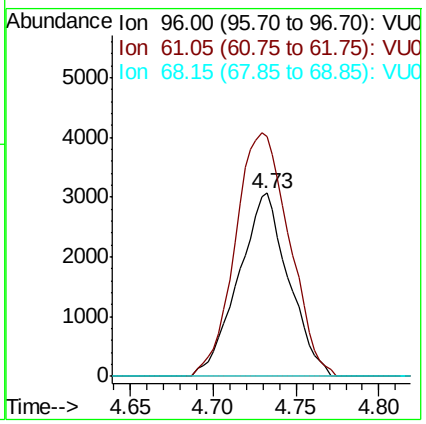


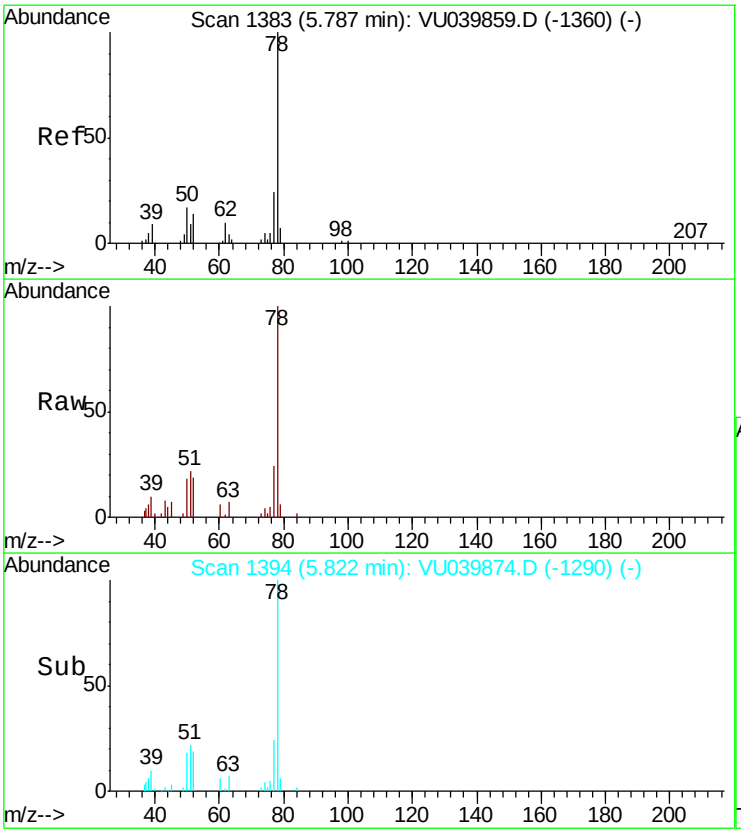
#22
cis-1,2-Dichloroethene
Concen: 1.312 ug/L
RT: 4.73 min Scan# 1055
Delta R.T. 0.05 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 6479

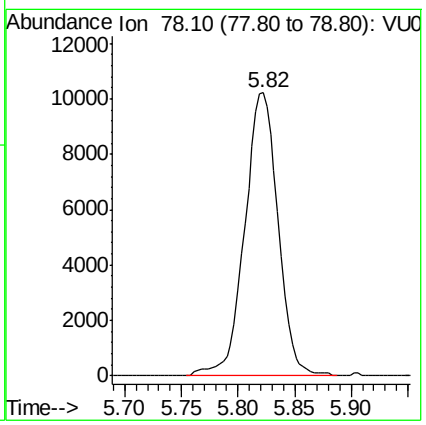
Ion	Ratio	Lower	Upper
96	100		
61	131.1	87.4	162.2
68	0.0	0.0	0.0

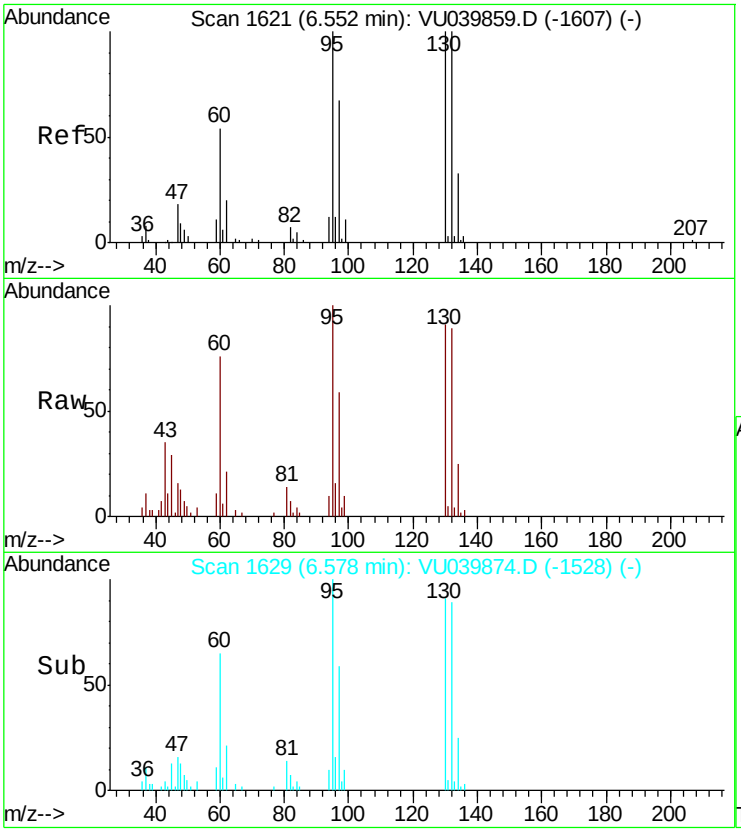




#33
Benzene
Concen: 1.102 ug/L
RT: 5.82 min Scan# 1394
Delta R.T. 0.04 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion: 78 Resp: 20946



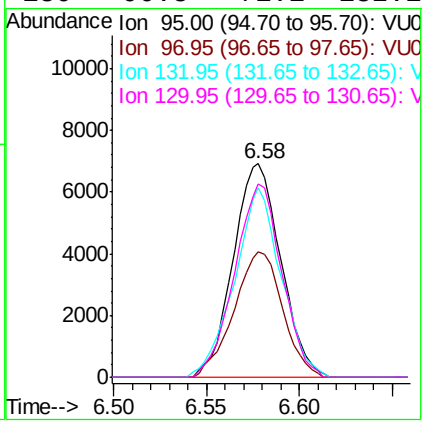


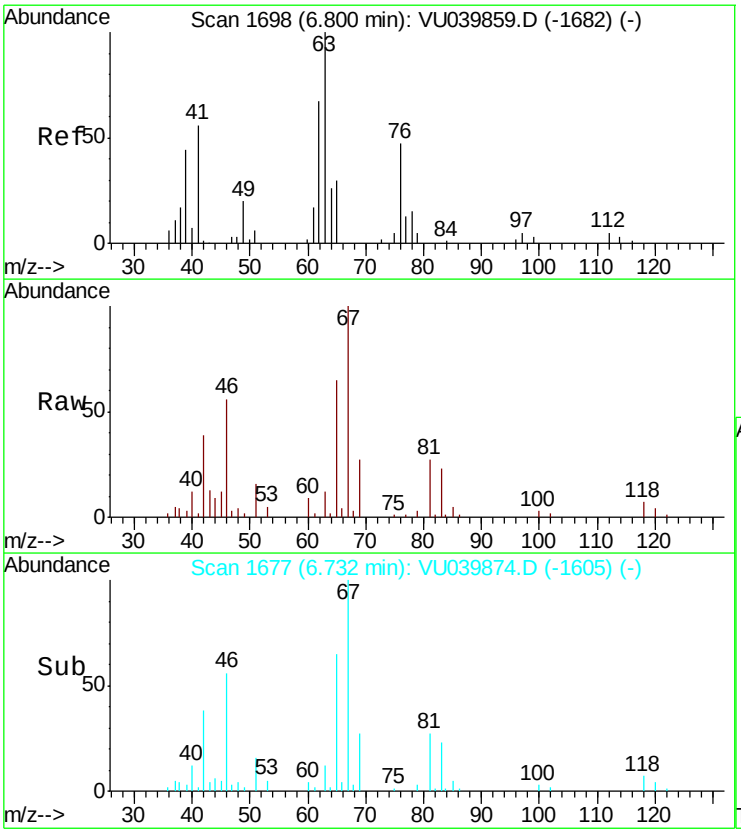
#34
Trichloroethene
Concen: 2.493 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. 0.03 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 12310

Ion	Ratio	Lower	Upper
95	100		
97	59.0	44.0	81.8
132	88.8	71.7	133.3
130	90.8	71.1	132.1

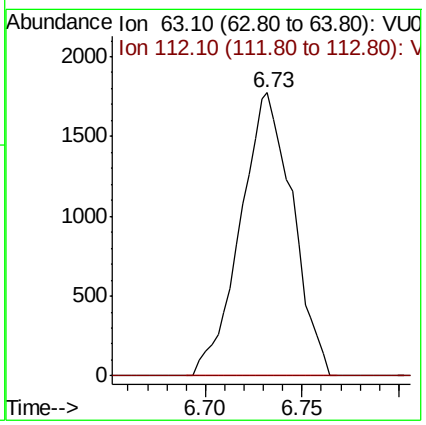


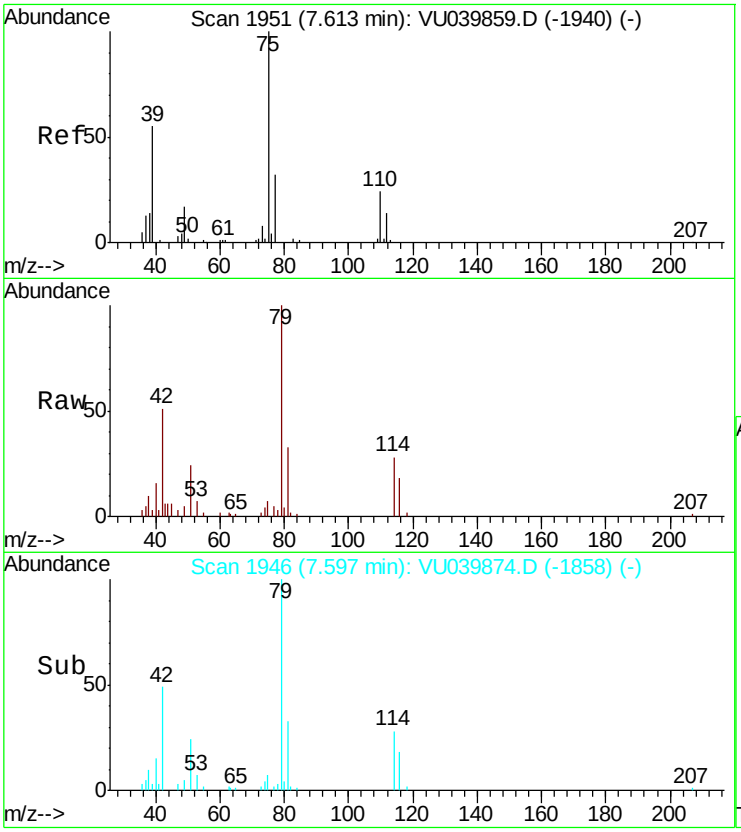


#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion: 63 Resp: 3329

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



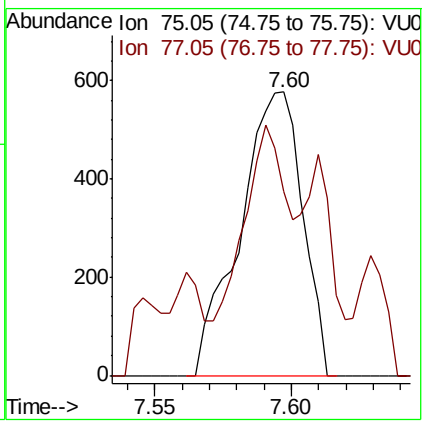


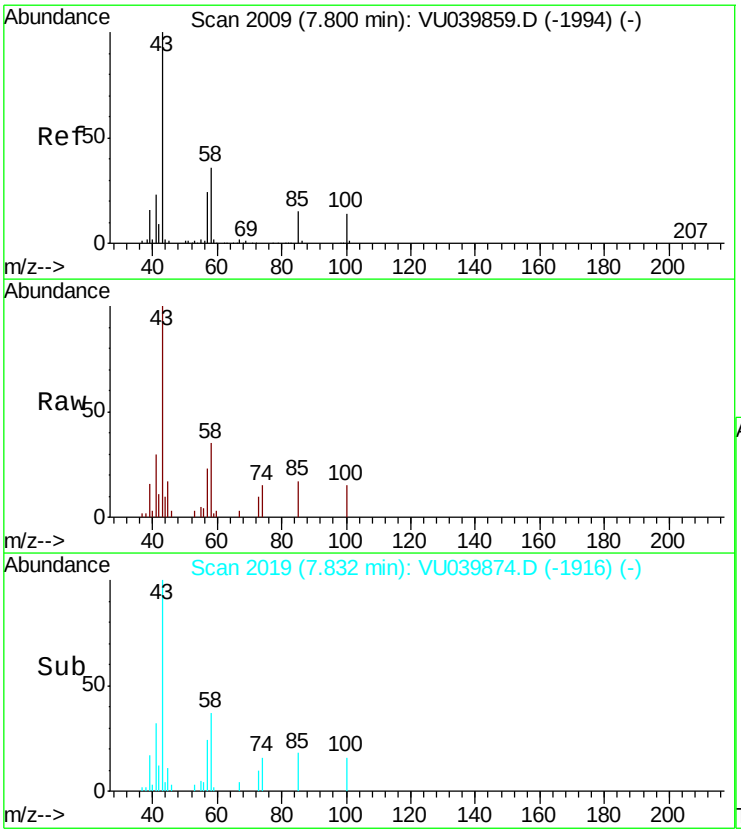
#39
cis-1,3-Dichloropropene
Concen: 0.133 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.02 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 918

Ion	Ratio	Lower	Upper
75	100		
77	64.8	22.4	41.6#

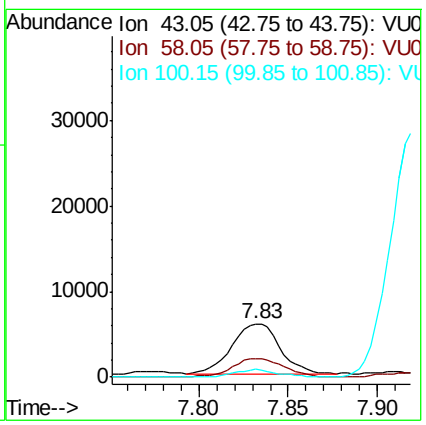


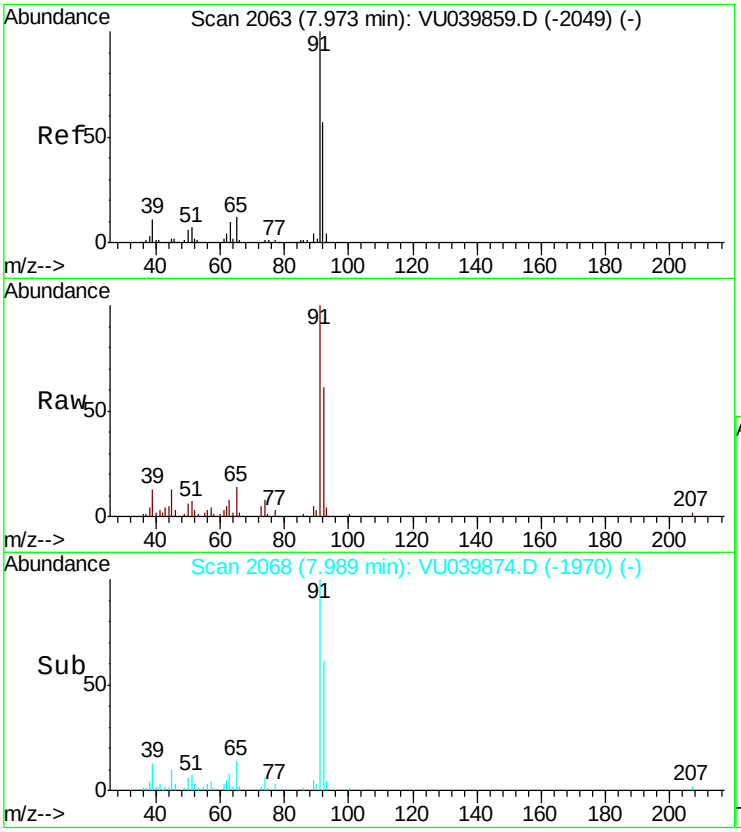


#40
4-Methyl-2-pentanone
Concen: 3.027 ug/L
RT: 7.83 min Scan# 2019
Delta R.T. 0.03 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion: 43 Resp: 11426

Ion	Ratio	Lower	Upper
43	100		
58	38.1	29.4	44.2
100	12.6	11.7	17.5



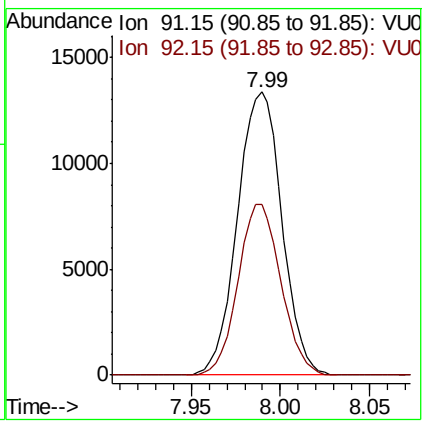


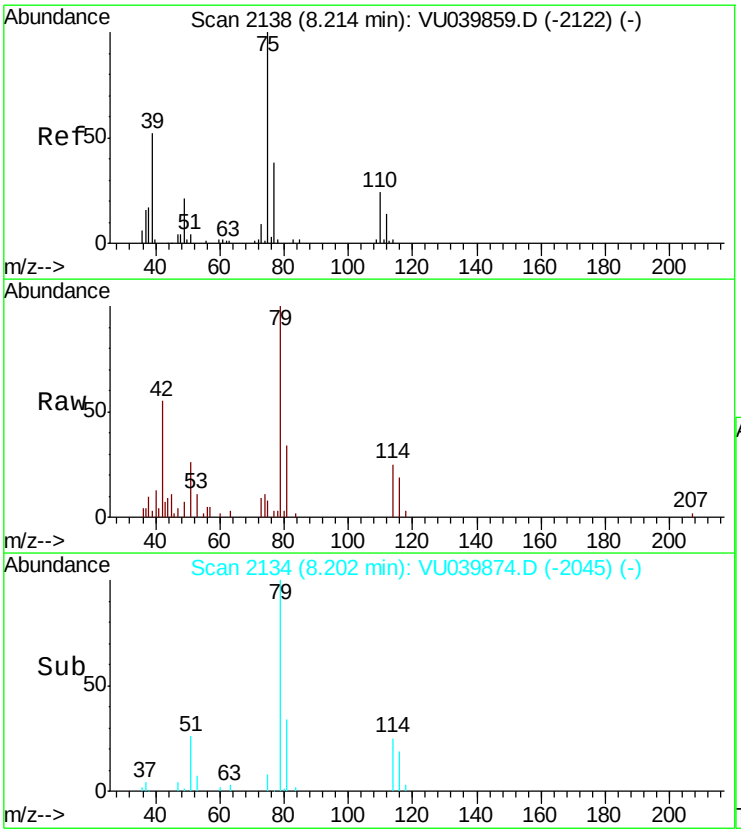
#42
Toluene
Concen: 1.163 ug/L
RT: 7.99 min Scan# 2068
Delta R.T. 0.02 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 23240

Ion	Ratio	Lower	Upper
91	100		
92	60.5	41.6	77.3

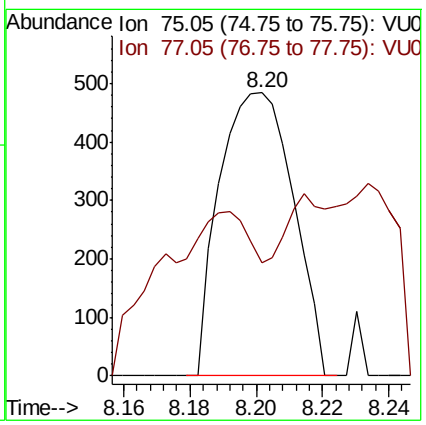


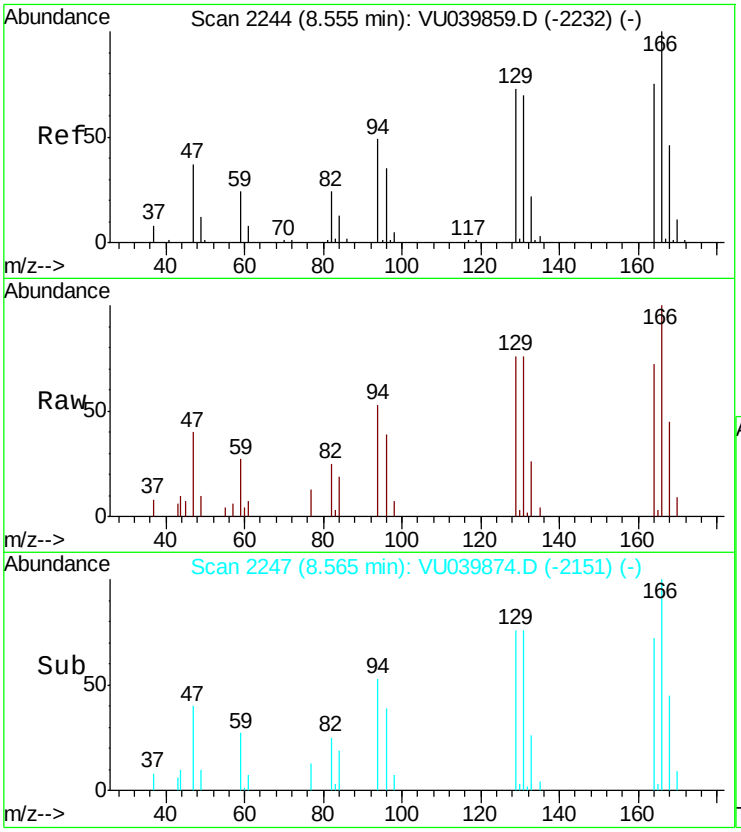


#44
trans-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 8.20 min Scan# 2134
Delta R.T. -0.01 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion: 75 Resp: 749

Ion	Ratio	Lower	Upper
75	100		
77	39.9	21.6	40.2



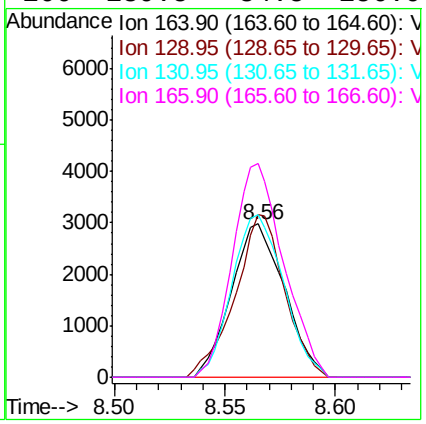


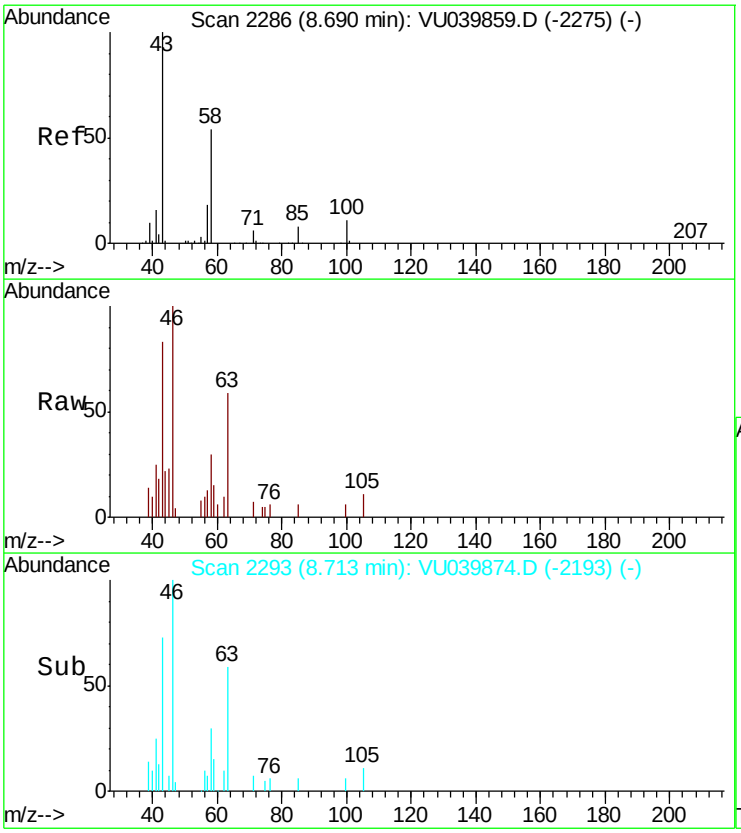
#47
Tetrachloroethene
Concen: 1.226 ug/L
RT: 8.56 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 4994

Ion	Ratio	Lower	Upper
164	100		
129	106.5	65.9	122.5
131	106.3	68.1	126.5
166	139.5	84.5	156.9

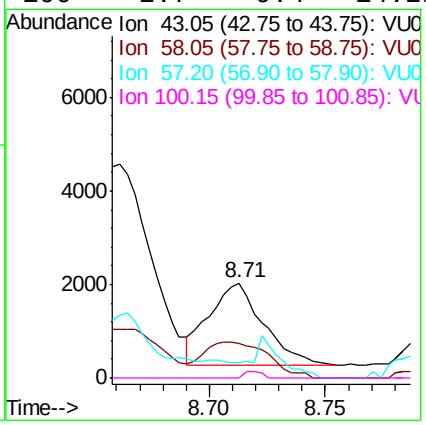


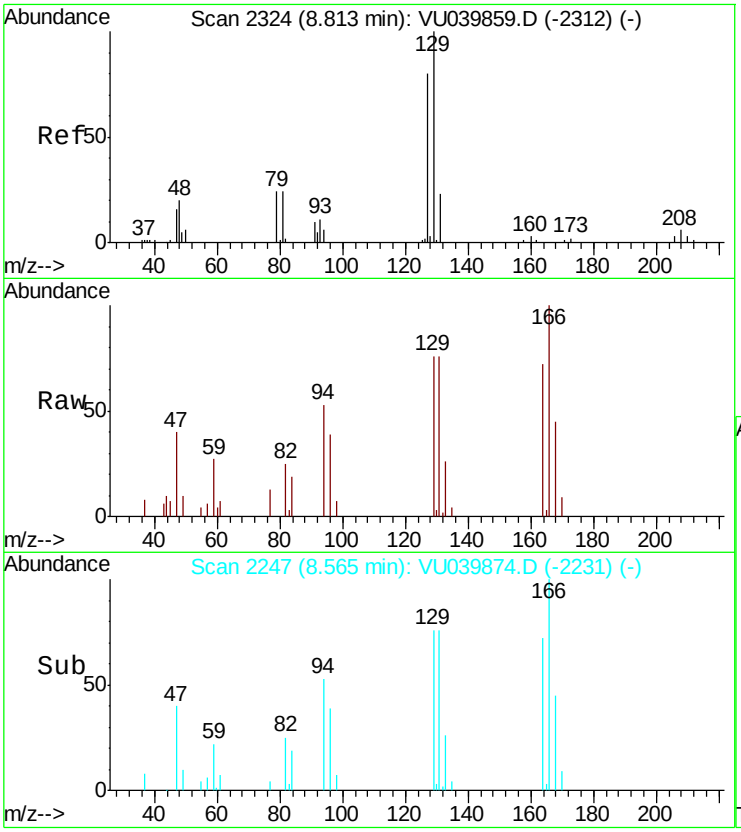


#48
2-Hexanone
Concen: 1.051 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. 0.02 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion: 43 Resp: 2865

Ion	Ratio	Lower	Upper
43	100		
58	52.7	41.8	62.8
57	25.5	14.2	21.4#
100	2.7	9.4	14.2#



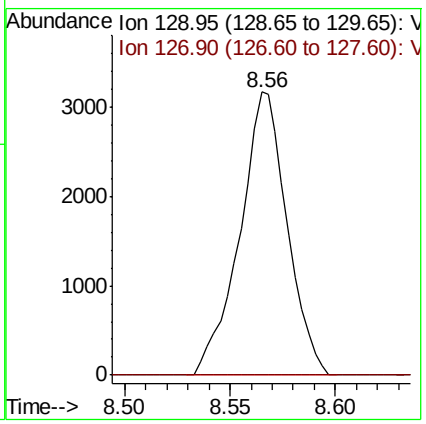


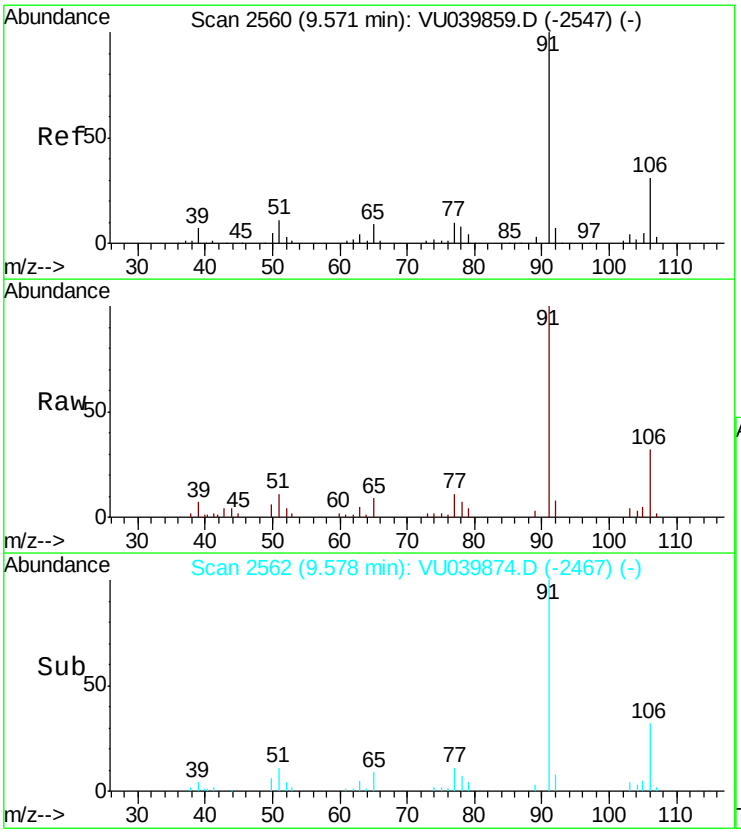
#49
Dibromochloromethane
Concen: 1.059 ug/L
RT: 8.56 min Scan# 2247
Delta R.T. -0.25 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 4939

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#

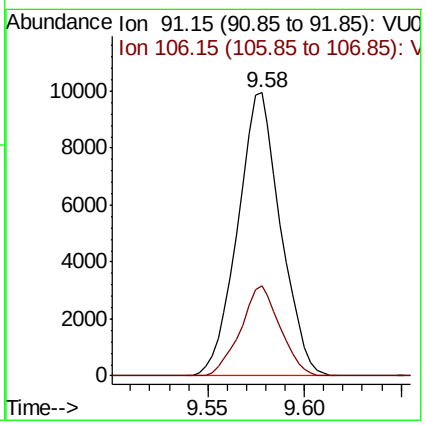


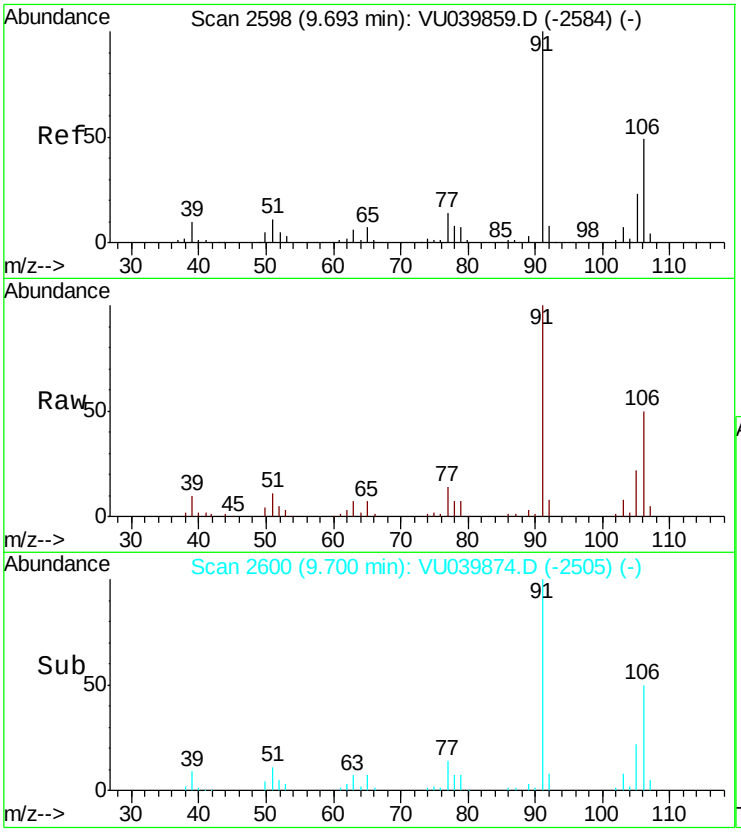


#52
Ethylbenzene
Concen: 0.688 ug/L
RT: 9.58 min Scan# 2562
Delta R.T. 0.01 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion: 91 Resp: 15387

Ion	Ratio	Lower	Upper
91	100		
106	31.9	22.8	42.4



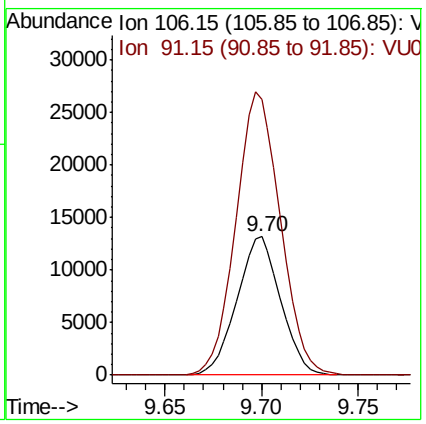


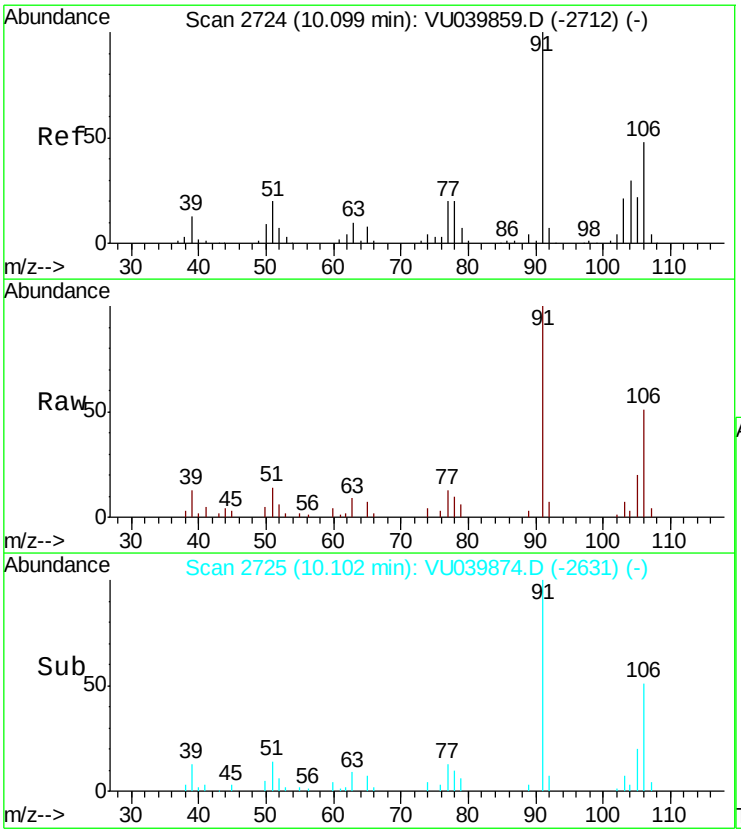
#53
m,p-Xylene
Concen: 2.433 ug/L
RT: 9.70 min Scan# 2600
Delta R.T. 0.01 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 20719

Ion	Ratio	Lower	Upper
106	100		
91	199.6	135.5	251.7

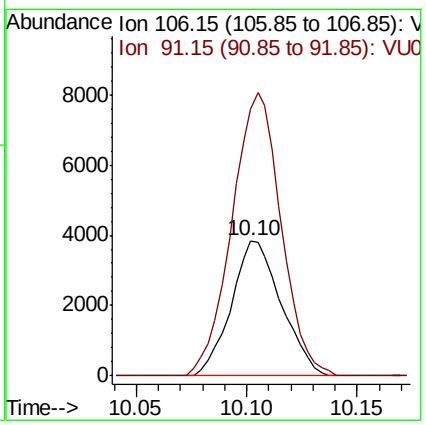


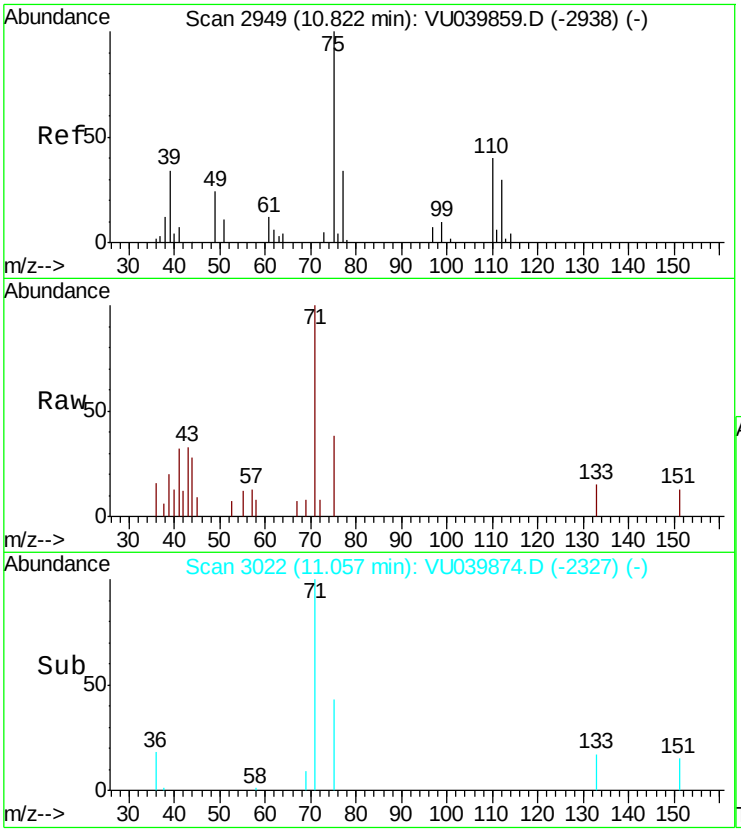


#54
o-Xylene
Concen: 0.724 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Tgt Ion:106 Resp: 6040

Ion	Ratio	Lower	Upper
106	100		
91	197.5	140.8	261.6





#59
1,2,3-Trichloropropane
Concen: 0.276 ug/L
RT: 11.06 min Scan# 3022
Delta R.T. 0.23 min
Lab File: VU039874.D
Acq: 14 Aug 2020 21:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1005

Ion	Ratio	Lower	Upper
75	100		
77	34.0	24.6	37.0