Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100920\
Data File : VU040584.D
Acq On : 09 Oct 2020 15:20
Operator : SY/MD
Sample : TEST
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TEST

Quant Time: Oct 10 08:05:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	156189	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	150251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	79115	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	51830	4.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.00%			
7) Chloroethane-d5	1.92	69	40360	4.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.80%			
11) 1,1-Dichloroethene-d2	2.58	63	77329	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	4.66	46	188685	45.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.12%			
24) Chloroform-d	5.08	84	94267	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
26) 1,2-Dichloroethane-d4	5.72	65	59182	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
32) Benzene-d6	5.74	84	182325	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.70	67	60107	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.91	98	151231	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
43) trans-1,3-Dichloropropene-	8.19	79	24256	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.64	63	135000	45.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.94%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51323	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	67667	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
14) Carbon disulfide	2.81	76	3265	0.105	ug/L #	87
30) Cyclohexane	5.41	56	384981	20.692	ug/L	99
35) Methylcyclohexane	6.78	83	9140	0.515	ug/L	97
42) Toluene	7.98	91	13858	0.282	ug/L	97
48) 2-Hexanone	8.69	43	7272	0.911	ug/L	93
52) Ethylbenzene	9.57	91	17998	0.338	ug/L	96
53) m,p-Xylene	9.69	106	32432	1.671	ug/L	94
54) o-Xylene	10.10	106	3623	0.194	ug/L	98
56) Isopropylbenzene	10.48	105	112320	2.236	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	2009	0.078	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	4742	0.178	ug/L	93
68) 1,2,4-trichlorobenzene	13.83	180	82611	5.820	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	23562	1.787	ug/L	98

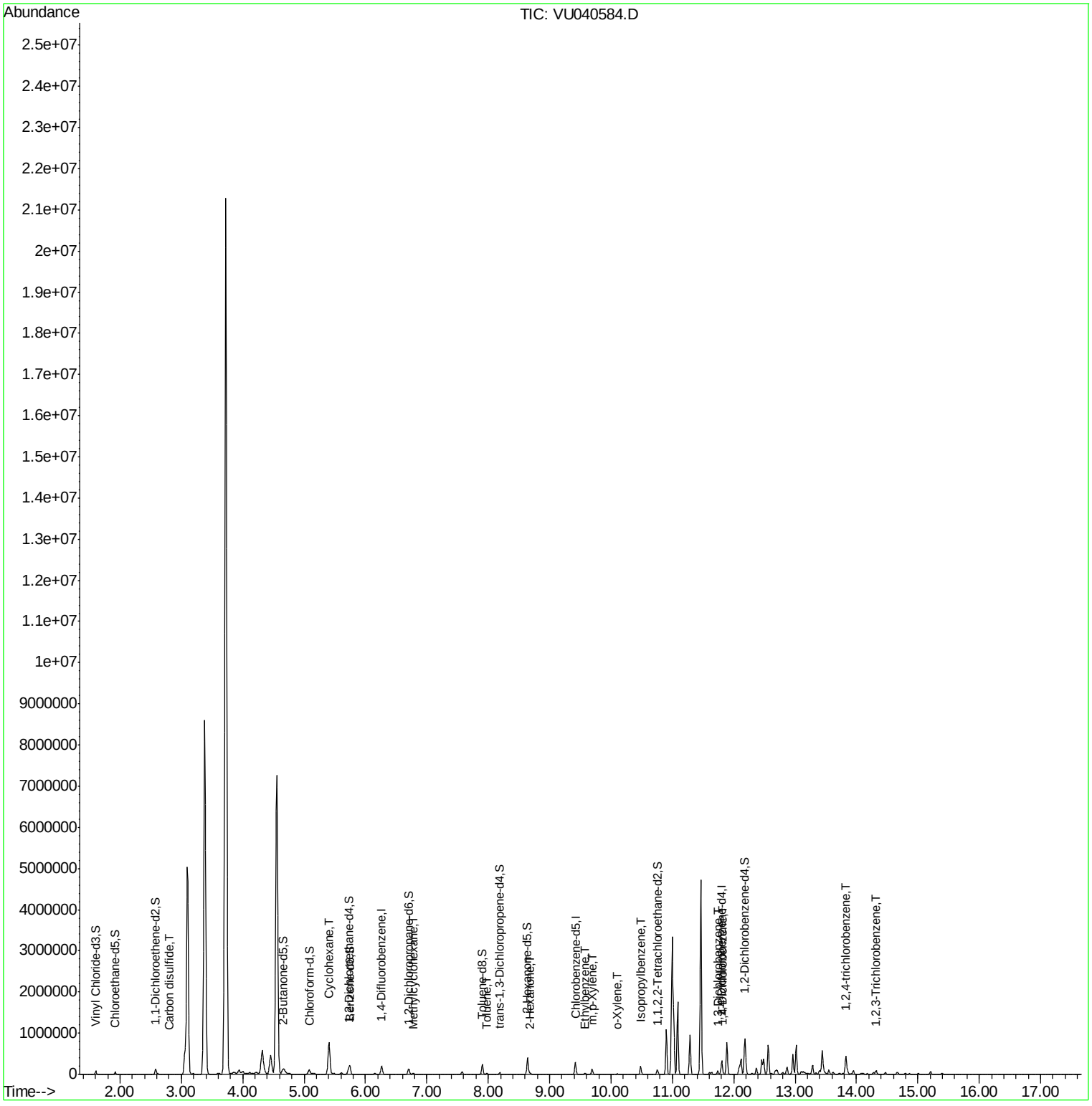
(#) = qualifier out of range (m) = manual integration (+) = signals summed

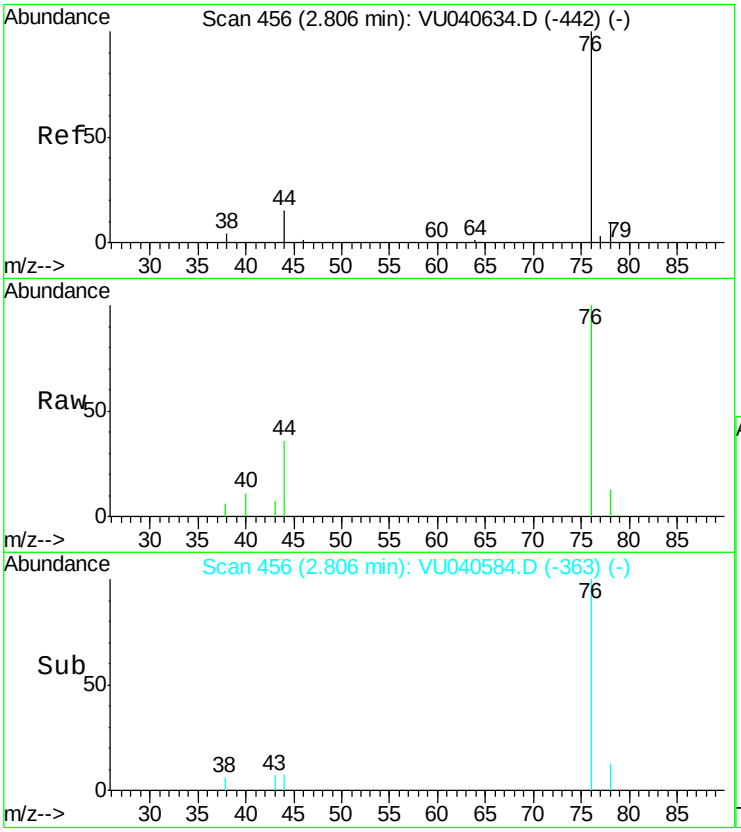
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100920\
Data File : VU040584.D
Acq On : 09 Oct 2020 15:20
Operator : SY/MD
Sample : TEST
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TEST

Quant Time: Oct 10 08:05:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration



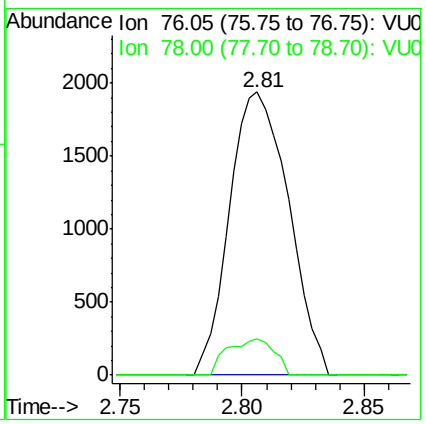


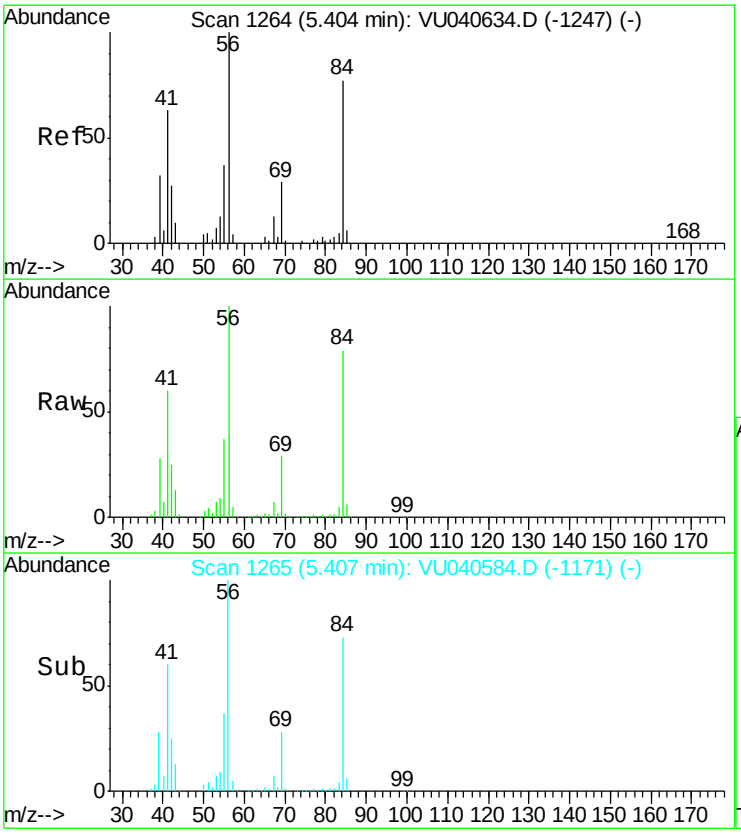
#14
Carbon disulfide
Concen: 0.105 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
TEST

Tgt Ion: 76 Resp: 3265

Ion	Ratio	Lower	Upper
76	100		
78	13.0	6.8	10.2#

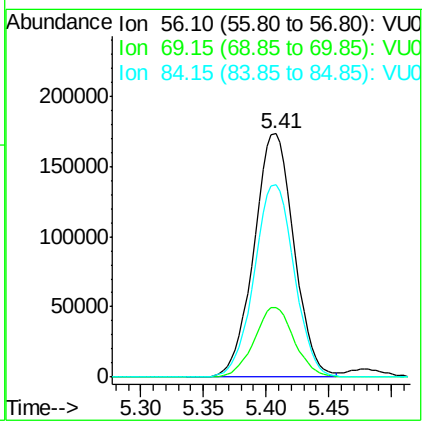


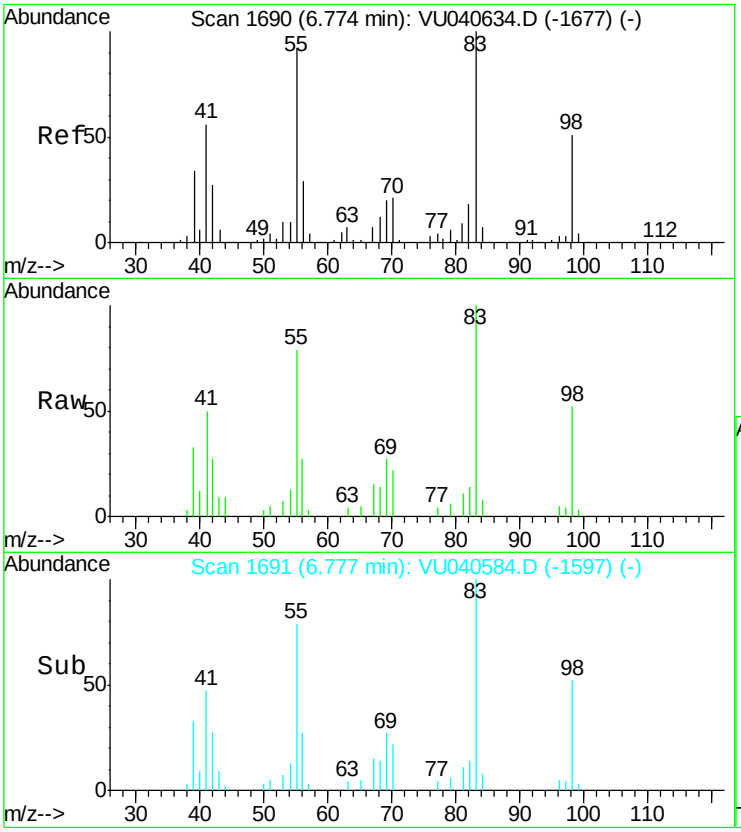


#30
Cyclohexane
Concen: 20.692 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Tgt Ion: 56 Resp: 384981

Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.8	35.8
84	79.2	64.0	96.0



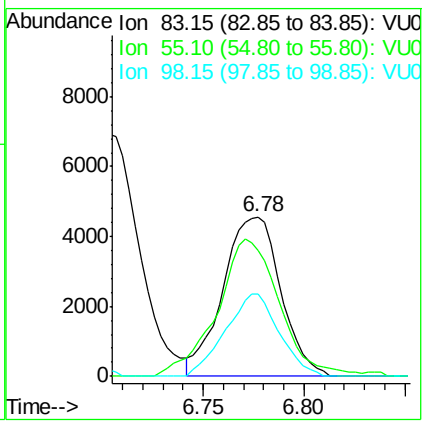


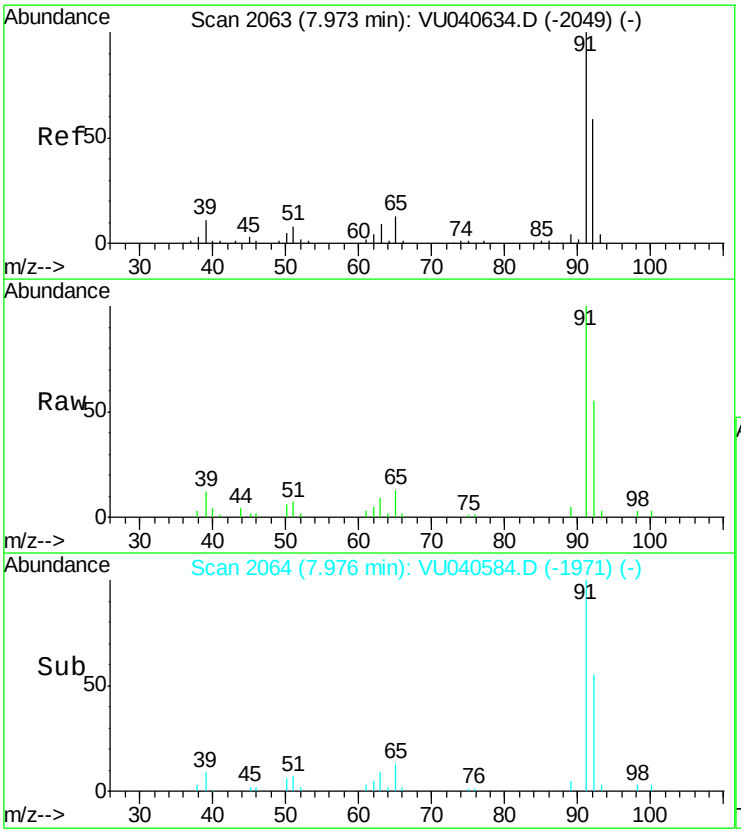
#35
Methylcyclohexane
Concen: 0.515 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
TEST

Tgt Ion: 83 Resp: 9140

Ion	Ratio	Lower	Upper
83	100		
55	92.8	70.7	106.1
98	47.9	38.4	57.6

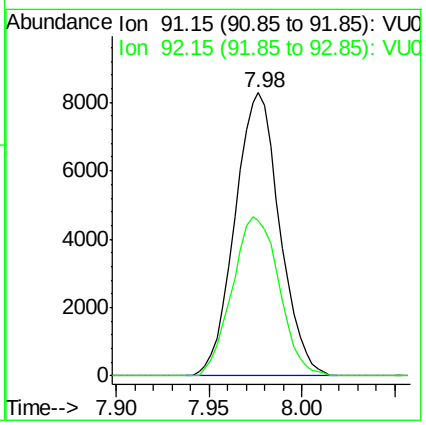


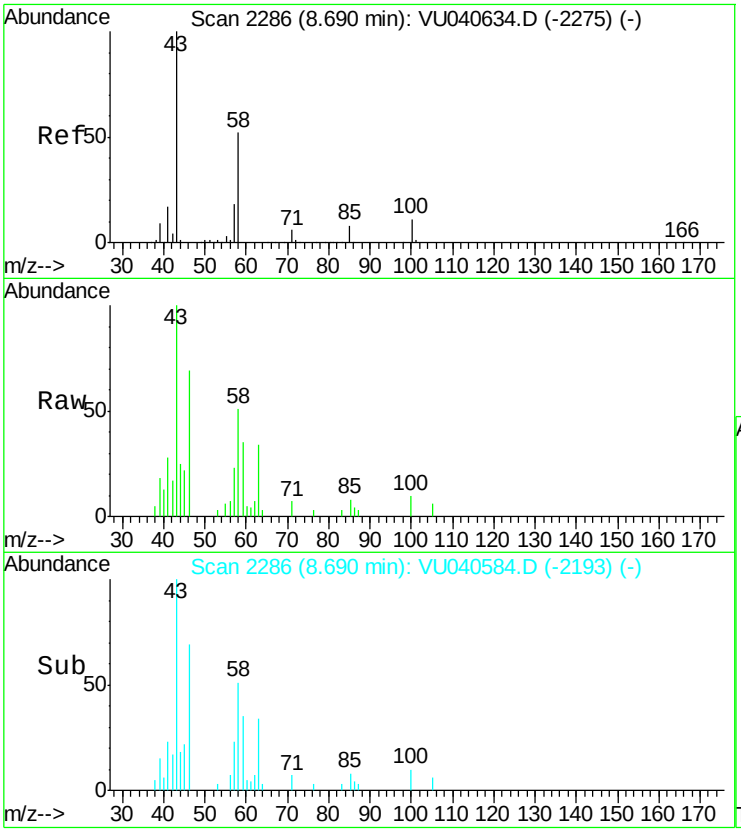


#42
Toluene
Concen: 0.282 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Tgt Ion: 91 Resp: 13858

Ion	Ratio	Lower	Upper
91	100		
92	54.9	40.2	74.6



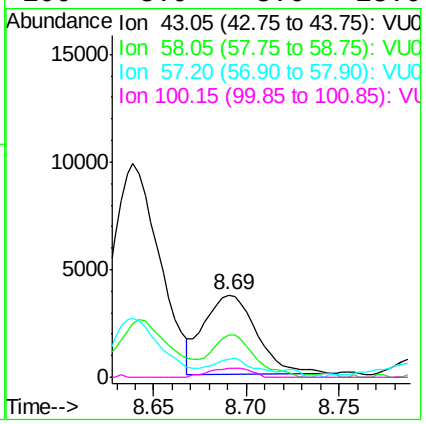


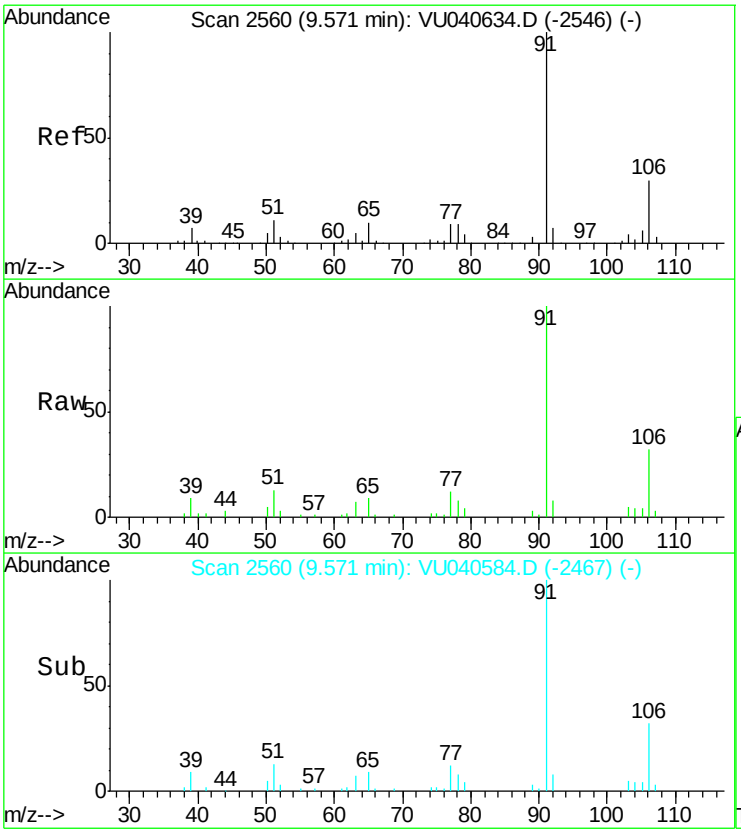
#48
2-Hexanone
Concen: 0.911 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
TEST

Tgt Ion: 43 Resp: 7272

Ion	Ratio	Lower	Upper
43	100		
58	45.3	41.0	61.6
57	19.2	14.4	21.6
100	8.9	8.6	13.0

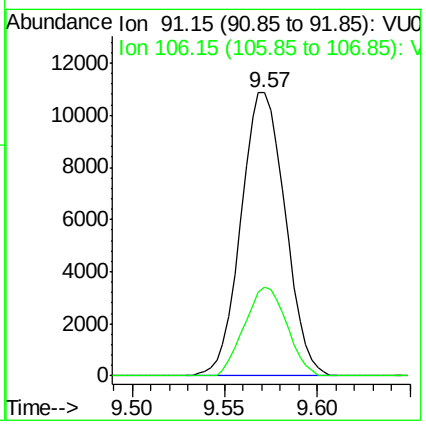


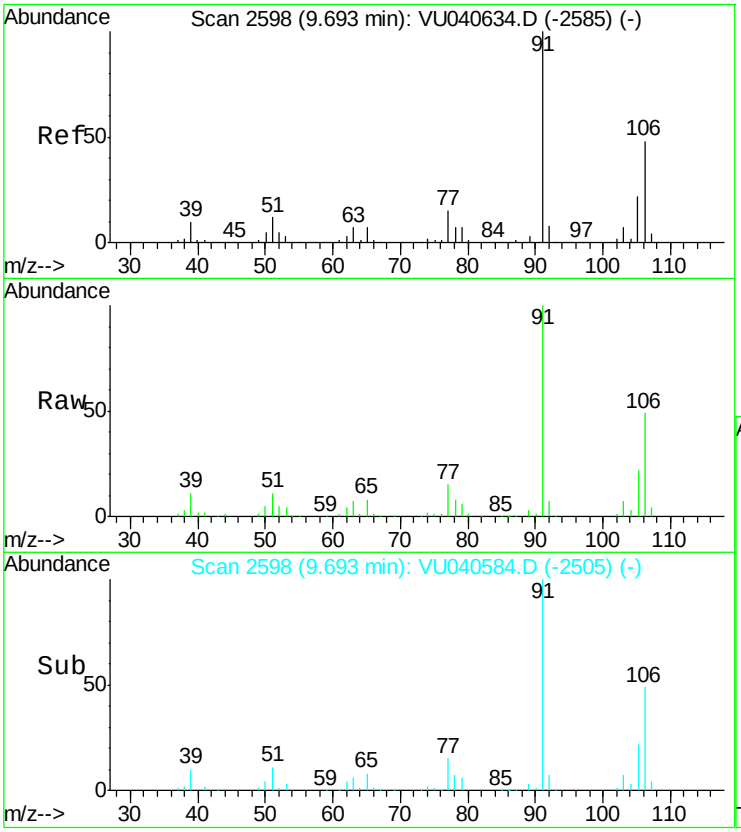


#52
Ethylbenzene
Concen: 0.338 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Tgt Ion: 91 Resp: 17998

Ion	Ratio	Lower	Upper
91	100		
106	31.6	20.7	38.5



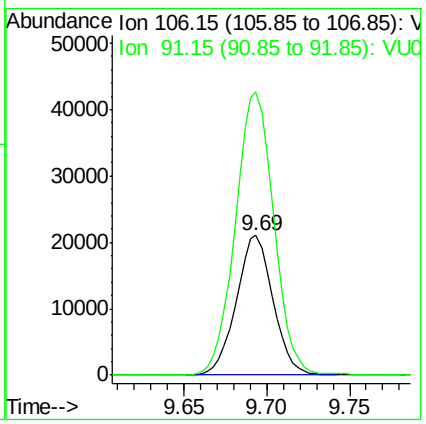


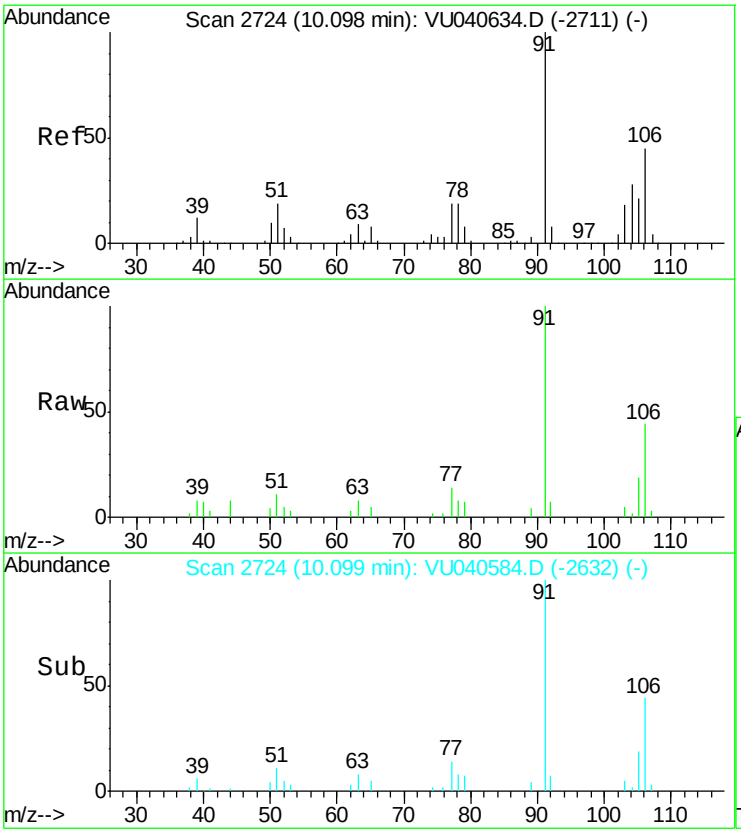
#53
m,p-Xylene
Concen: 1.671 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
TEST

Tgt Ion:106 Resp: 32432

Ion	Ratio	Lower	Upper
106	100		
91	202.4	148.5	275.7

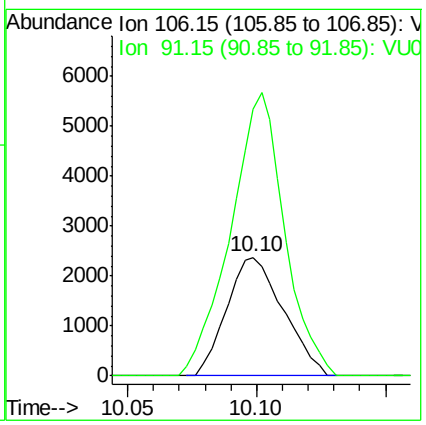


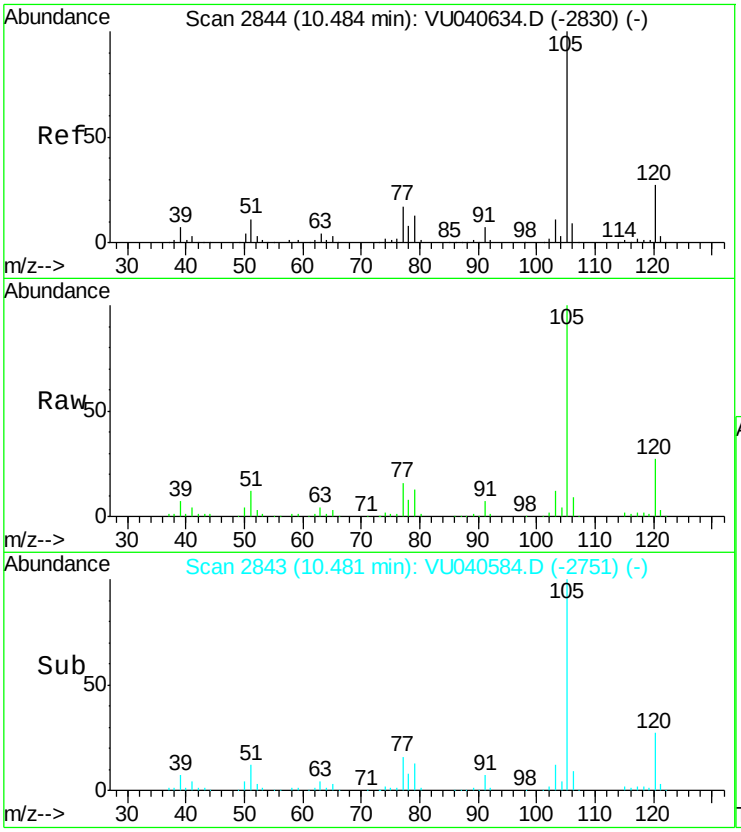


#54
o-Xylene
Concen: 0.194 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Tgt Ion:106 Resp: 3623

Ion	Ratio	Lower	Upper
106	100		
91	225.7	160.2	297.4



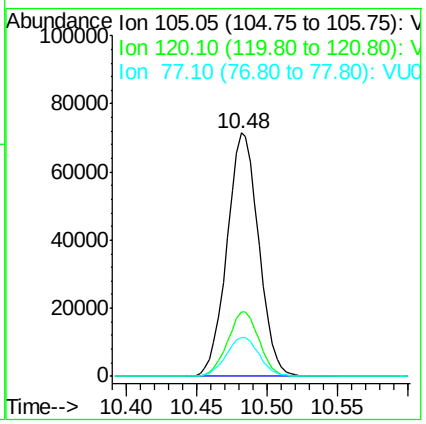


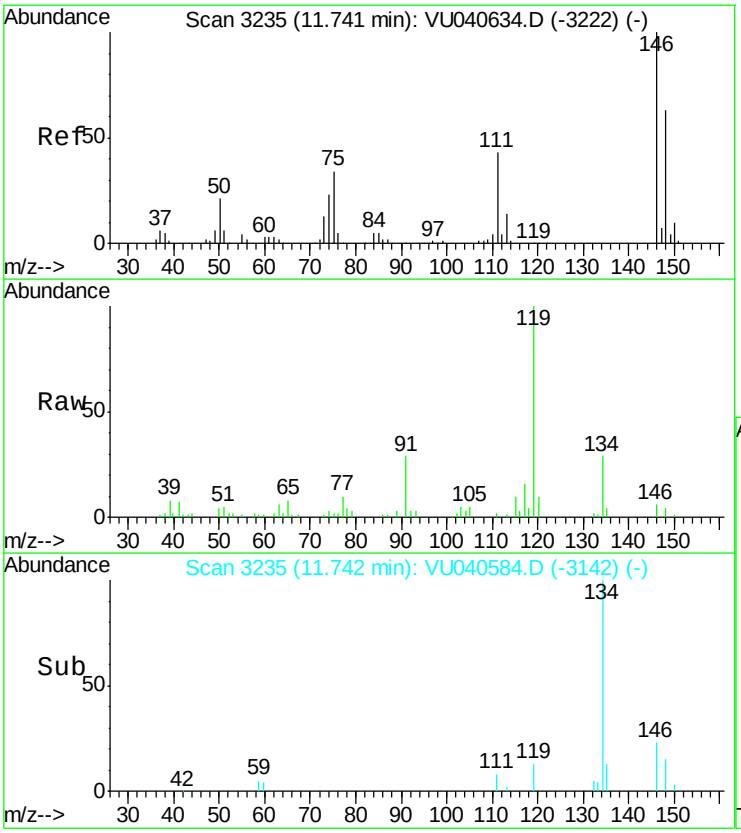
#56
Isopropylbenzene
Concen: 2.236 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
TEST

Tgt Ion:105 Resp: 112320

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.6	30.8
77	16.7	13.8	20.6

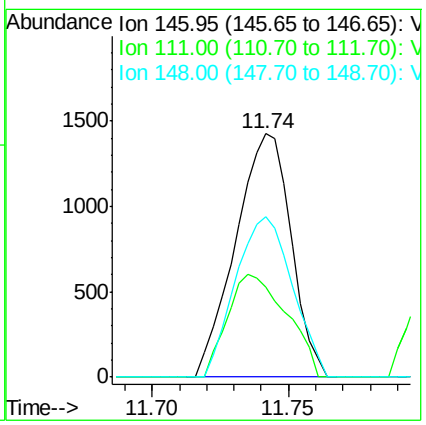


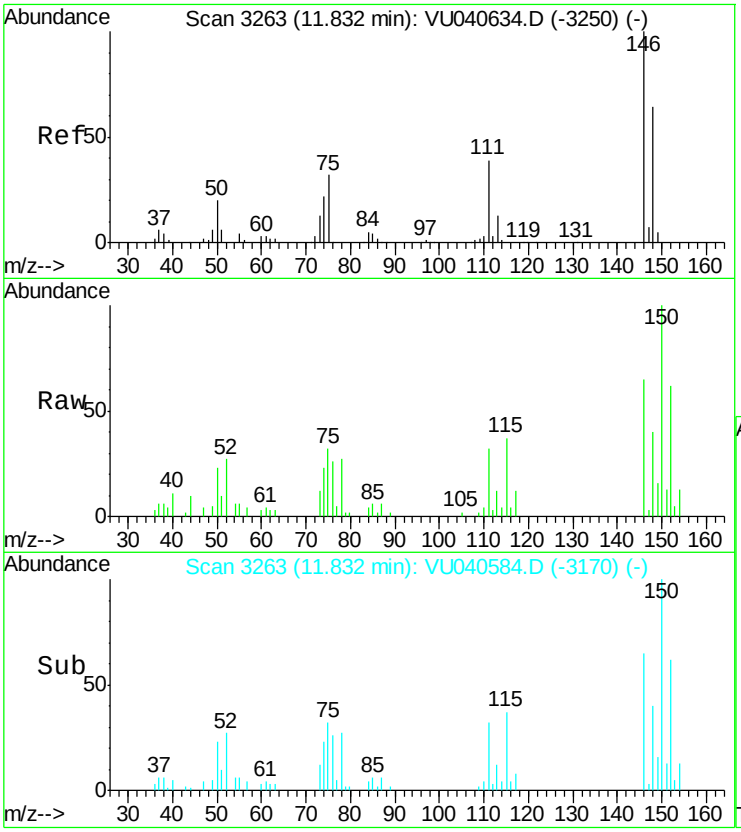


#62
1,3-Dichlorobenzene
Concen: 0.078 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Tgt Ion:146 Resp: 2009

Ion	Ratio	Lower	Upper
146	100		
111	37.1	28.8	53.6
148	65.7	44.4	82.4



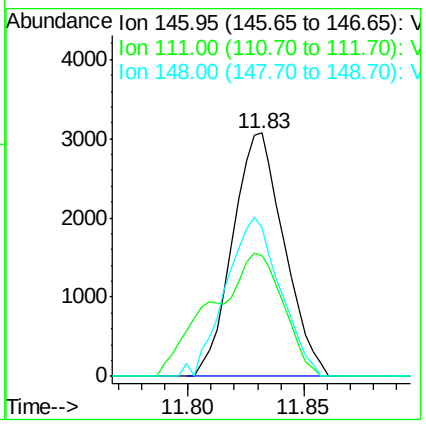


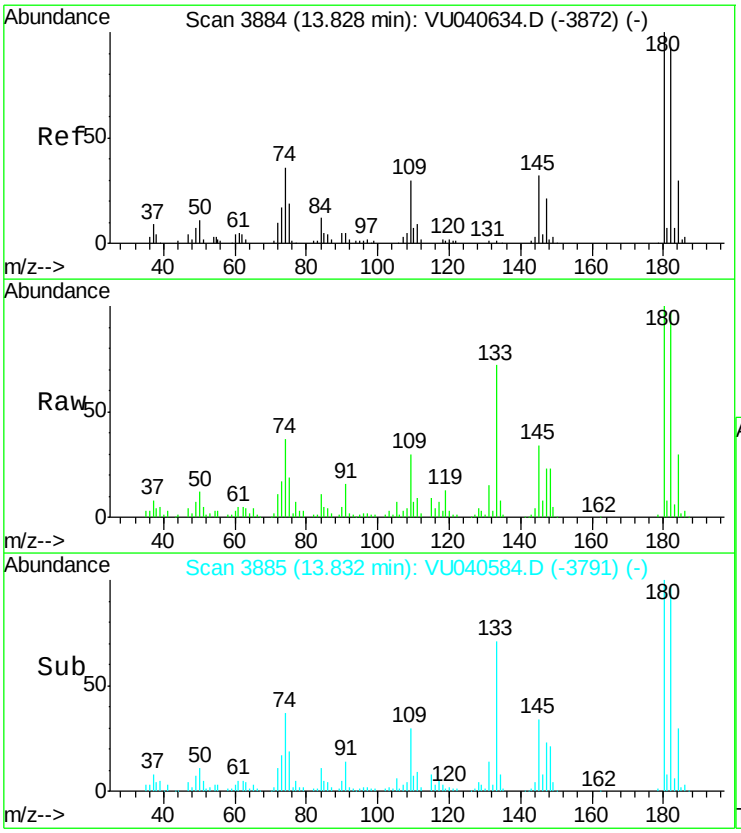
#63
1,4-Dichlorobenzene
Concen: 0.178 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
TEST

Tgt Ion:146 Resp: 4742

Ion	Ratio	Lower	Upper
146	100		
111	49.5	28.4	52.8
148	61.4	44.0	81.6

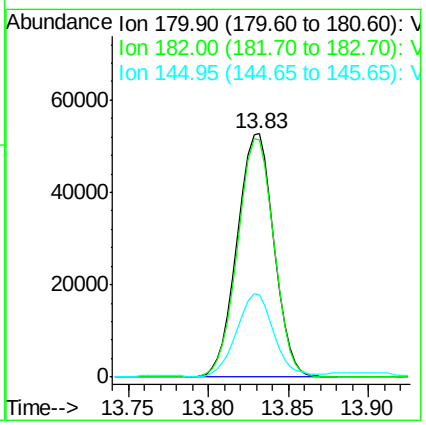


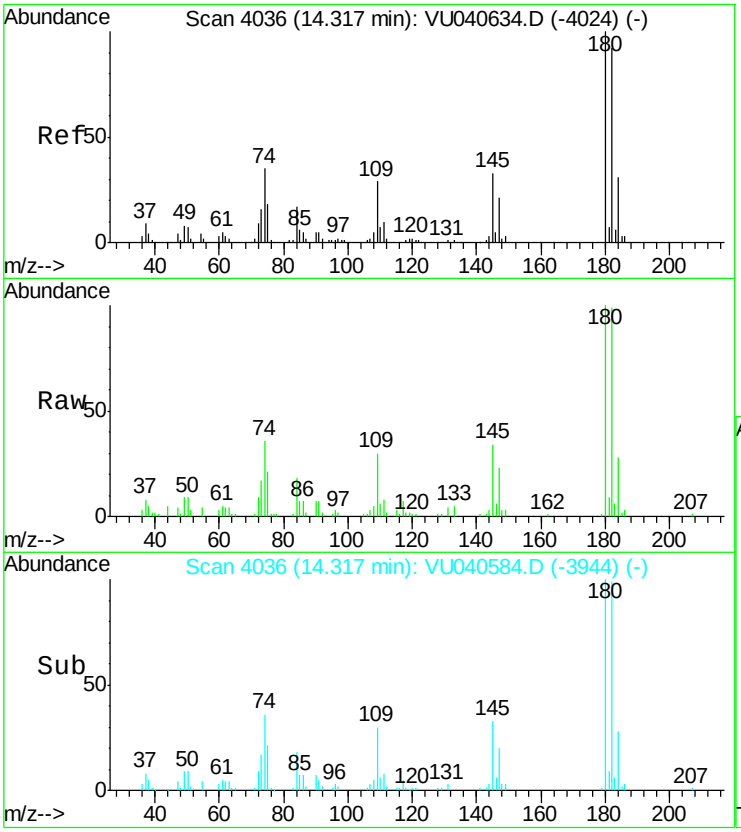


#68
1,2,4-trichlorobenzene
Concen: 5.820 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Tgt Ion:180 Resp: 82611

Ion	Ratio	Lower	Upper
180	100		
182	96.8	78.8	118.2
145	34.2	26.1	39.1





#70
1,2,3-Trichlorobenzene
Concen: 1.787 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040584.D
Acq: 09 Oct 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
TEST

Tgt Ion:180 Resp: 23562

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.8
145	38.7	27.4	41.2