Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052220\
Data File : VU038287.D
Acq On : 22 May 2020 19:02
Operator : JC/MD
Sample : L2724-13DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T9DL

Quant Time: May 22 23:09:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 22:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	311086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	296915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145241	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	96582	3.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.80%			
7) Chloroethane-d5	1.93	69	91705	3.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.60%			
11) 1,1-Dichloroethene-d2	2.59	63	144202	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.66	46	371165	52.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.74%			
24) Chloroform-d	5.10	84	207439	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.74	65	123656	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.76	84	430301	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.72	67	138057	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.92	98	373487	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	8.20	79	52664	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.65	63	288008	53.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.04%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113913	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	150510	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	13453	0.651	ug/L #	71
30) Cyclohexane	5.42	56	10110	0.252	ug/L	99
33) Benzene	5.81	78	380781	4.005	ug/L	100
35) Methylcyclohexane	6.79	83	9076	0.236	ug/L	89
42) Toluene	7.99	91	58326	0.581	ug/L	99
51) Chlorobenzene	9.47	112	1391098	22.333	ug/L	99
52) Ethylbenzene	9.59	91	128420	1.181	ug/L	98
53) m,p-Xylene	9.71	106	18719	0.449	ug/L	89
54) o-Xylene	10.12	106	27466	0.681	ug/L	99
56) Isopropylbenzene	10.50	105	109898	1.061	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	9644	0.204	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	46065	0.962	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	21311	0.469	ug/L	97

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

Quantitation Report (LSC Reviewed)

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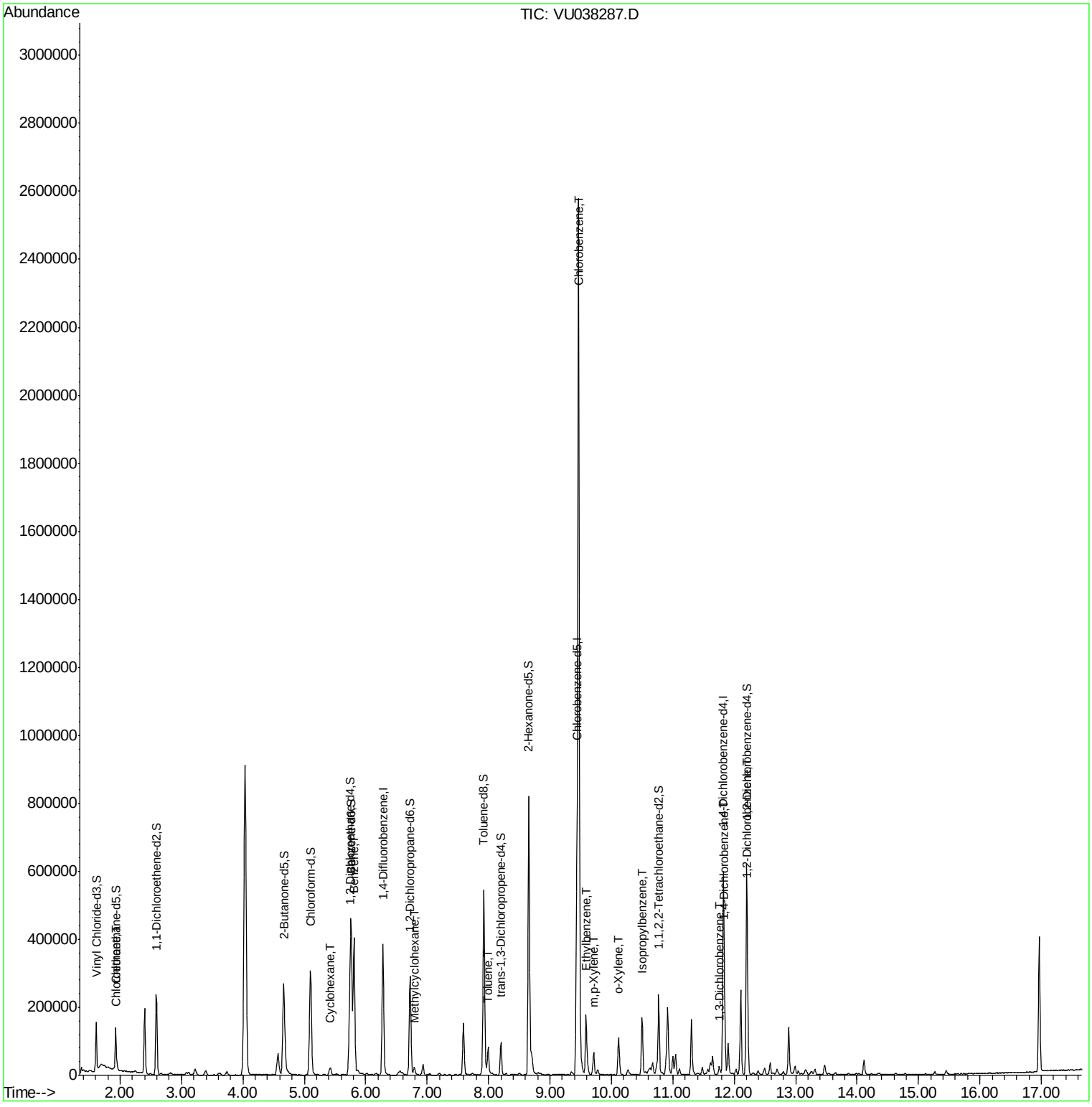
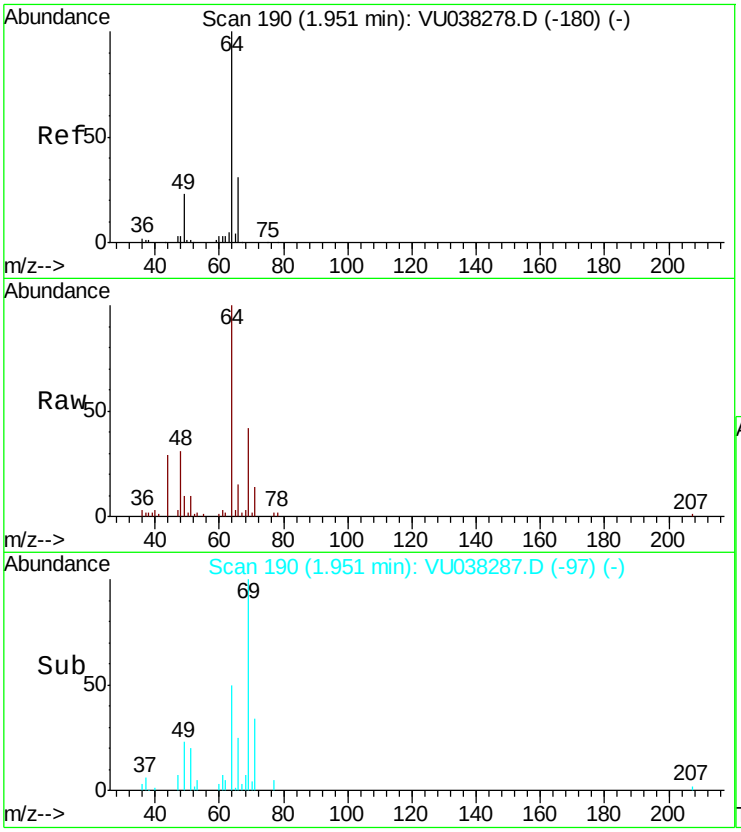
Acq On : 22 May 2020 19:02
Operator : JC/MD
Sample : L2724-13DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Quant Time: May 22 23:09:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 22:19:50 2020
Response via : Initial Calibration



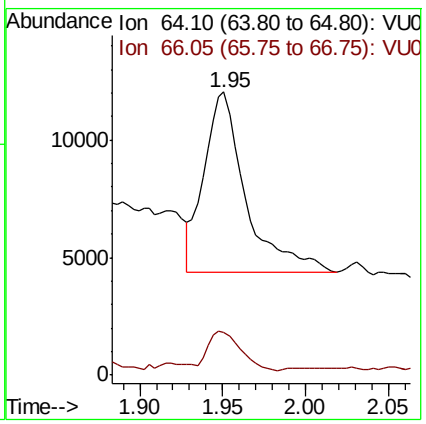


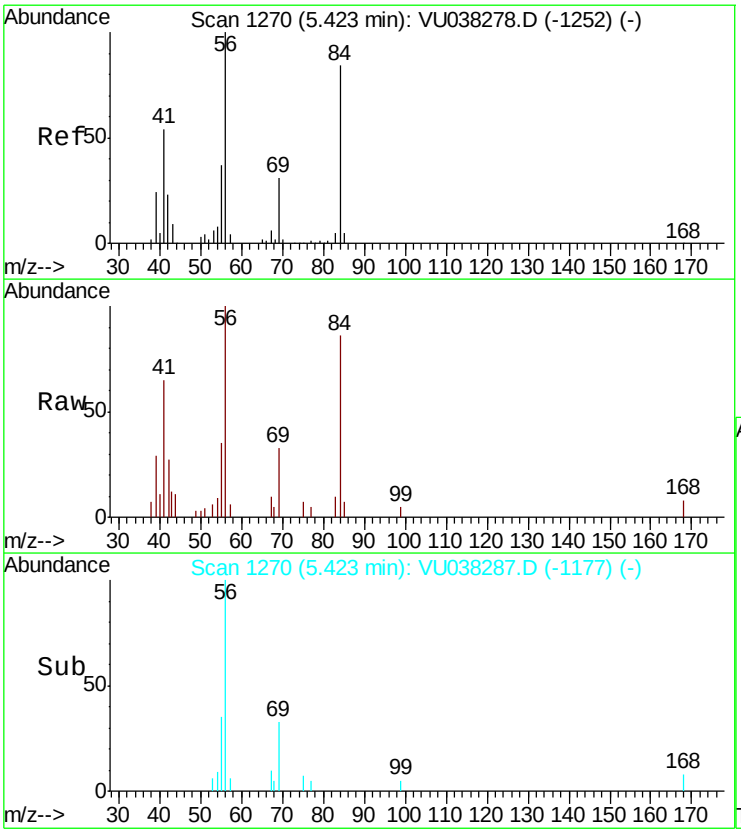
#8
Chloroethane
Concen: 0.651 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Tgt Ion: 64 Resp: 13453

Ion	Ratio	Lower	Upper
64	100		
66	15.2	21.8	40.4#

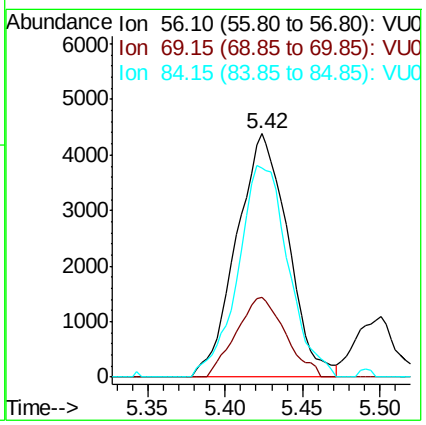


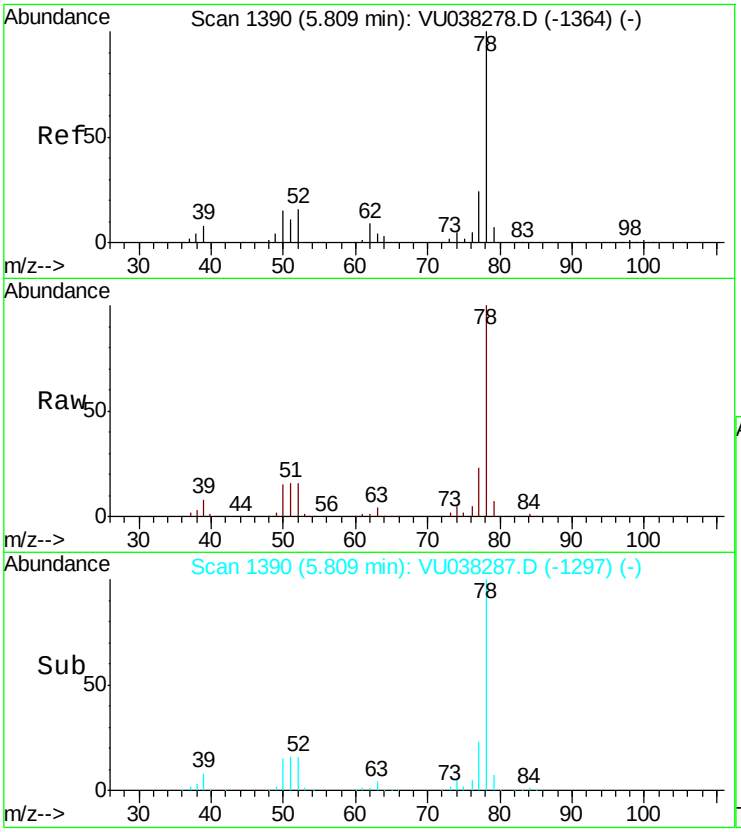


#30
Cyclohexane
Concen: 0.252 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Tgt Ion: 56 Resp: 10110

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.2	36.4
84	85.1	68.5	102.7

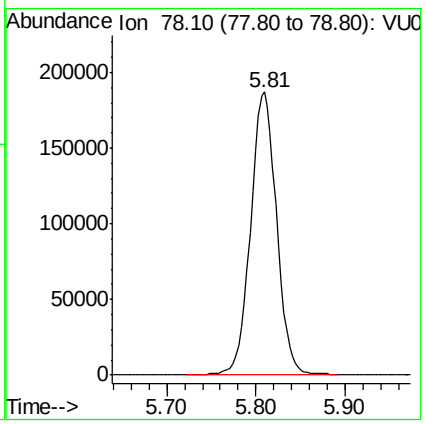


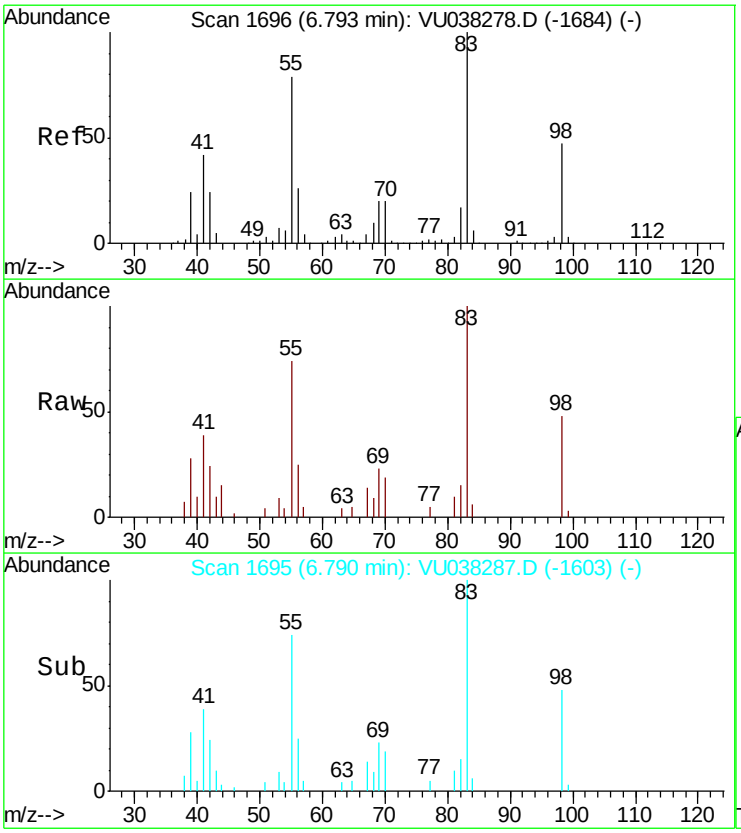


#33
Benzene
Concen: 4.005 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Tgt Ion: 78 Resp: 380781

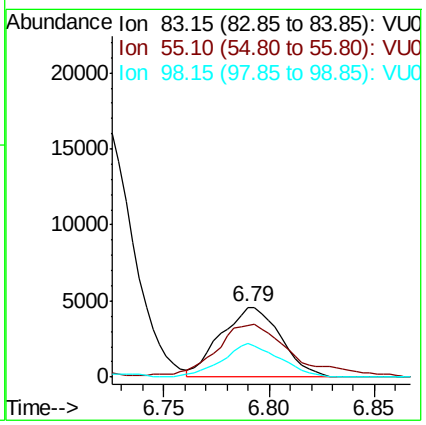


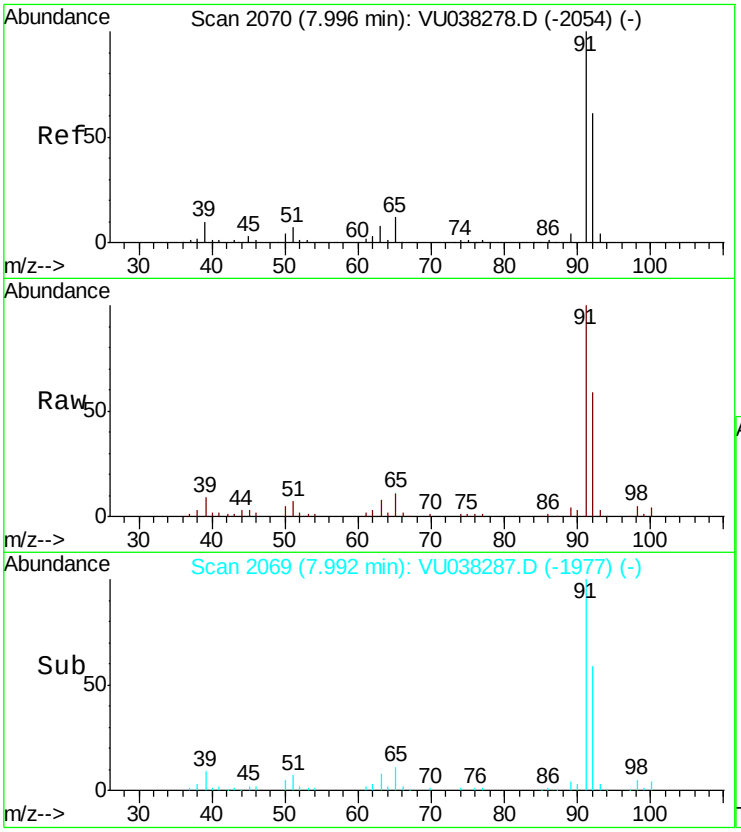


#35
Methylcyclohexane
Concen: 0.236 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Tgt Ion: 83 Resp: 9076

Ion	Ratio	Lower	Upper
83	100		
55	96.4	66.7	100.1
98	45.8	39.4	59.2



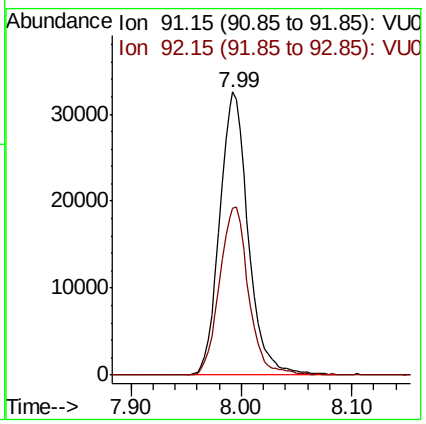


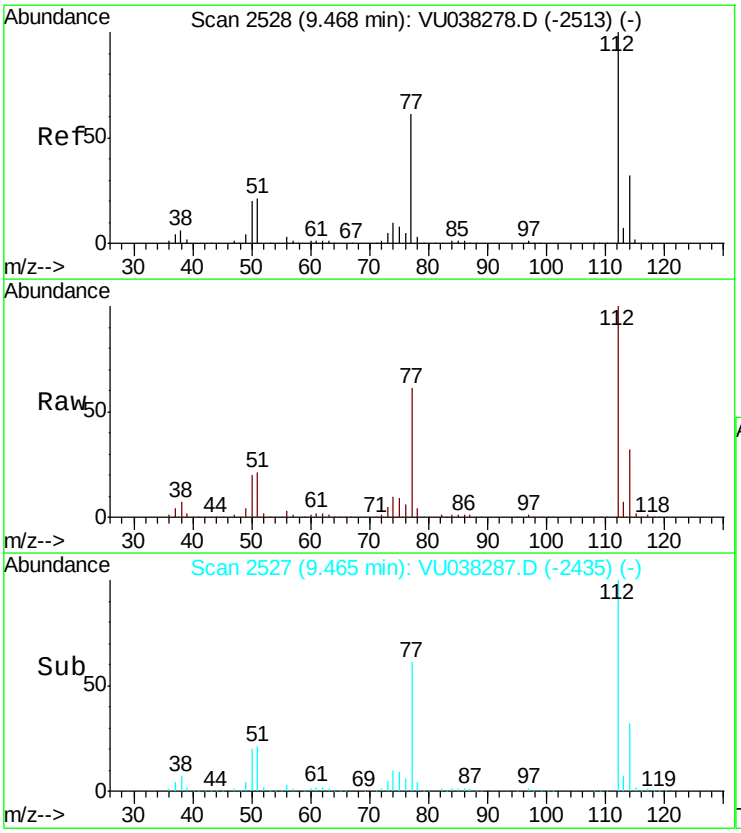
#42
Toluene
Concen: 0.581 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Instrument : MSVOA_U
ClientSampleId : BE4T9DL

Tgt Ion: 91 Resp: 58326

Ion	Ratio	Lower	Upper
91	100		
92	59.2	40.9	75.9

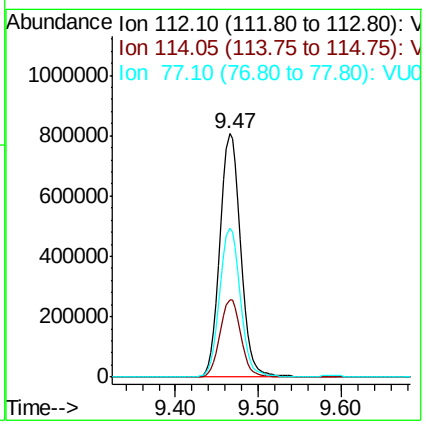


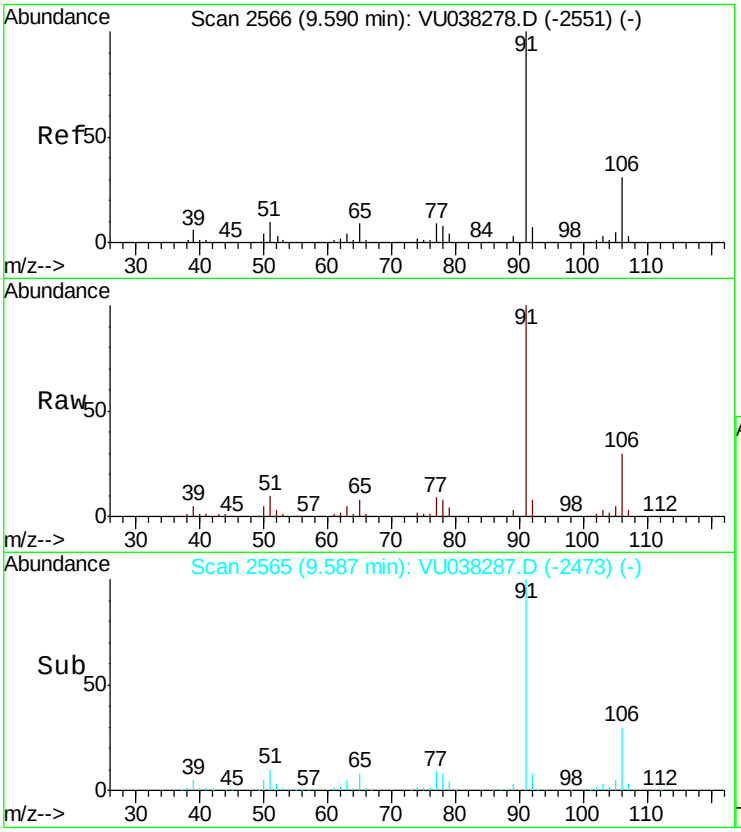


#51
Chlorobenzene
Concen: 22.333 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Tgt Ion:112 Resp: 1391098

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	61.3	49.9	74.9



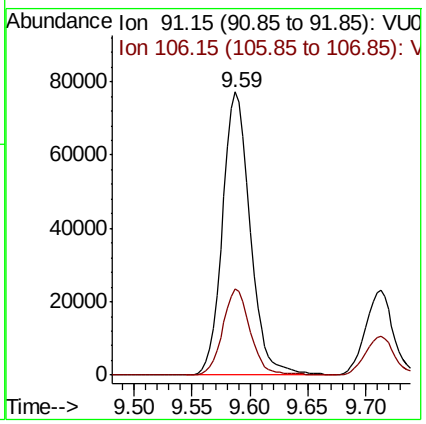


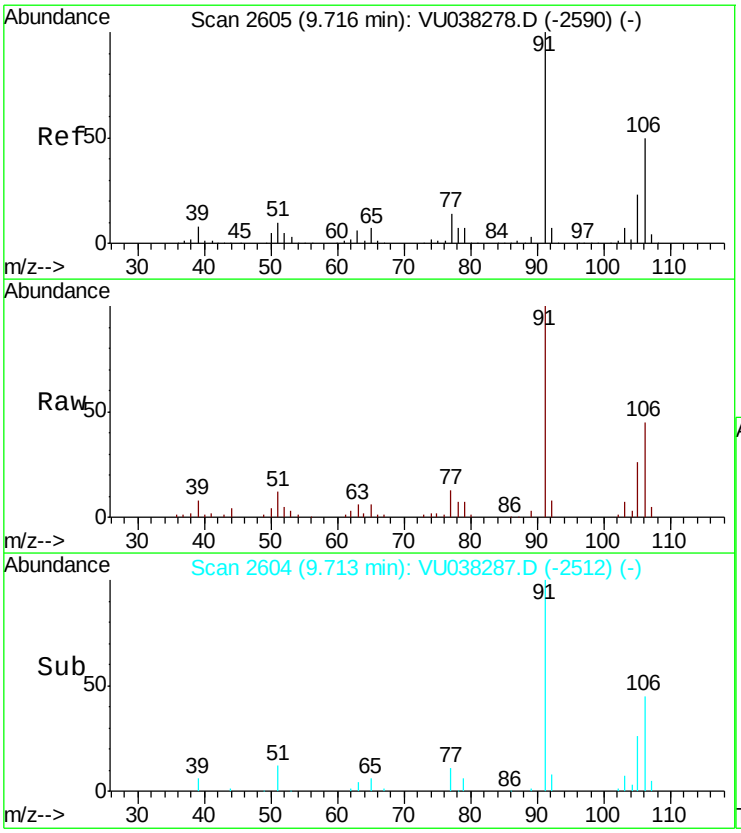
#52
Ethylbenzene
Concen: 1.181 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Instrument : MSVOA_U
ClientSampleId : BE4T9DL

Tgt Ion: 91 Resp: 128420

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.8	40.4

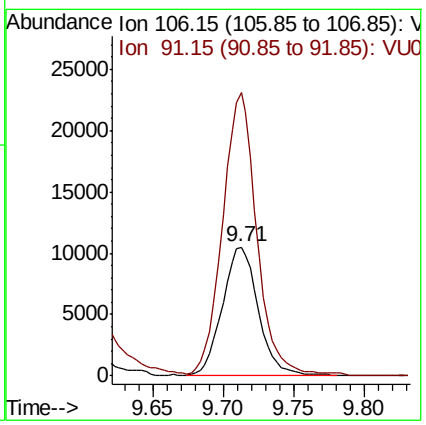


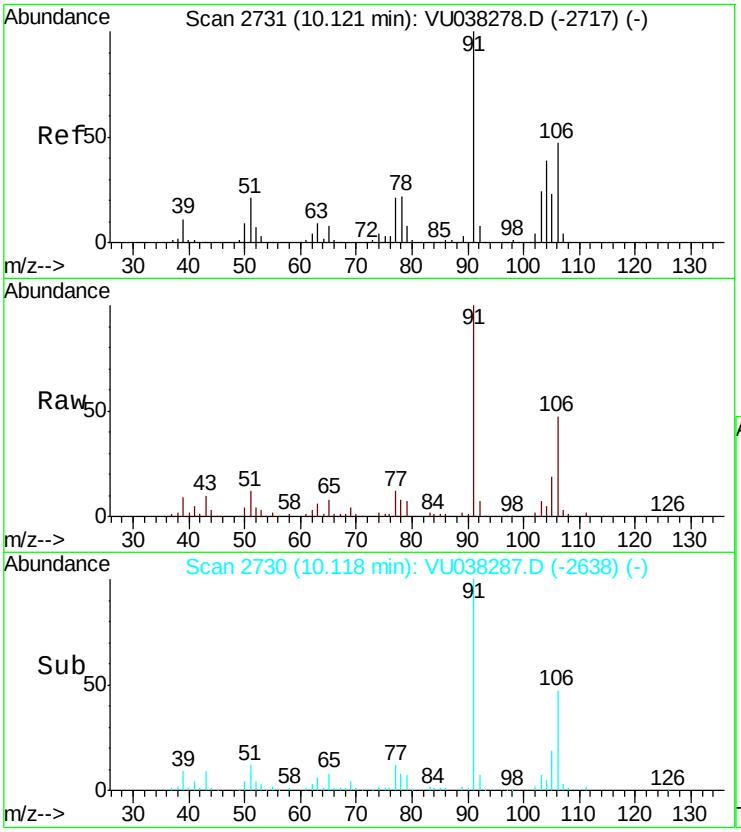


#53
m,p-Xylene
Concen: 0.449 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Tgt Ion:106 Resp: 18719

Ion	Ratio	Lower	Upper
106	100		
91	219.9	142.1	263.9



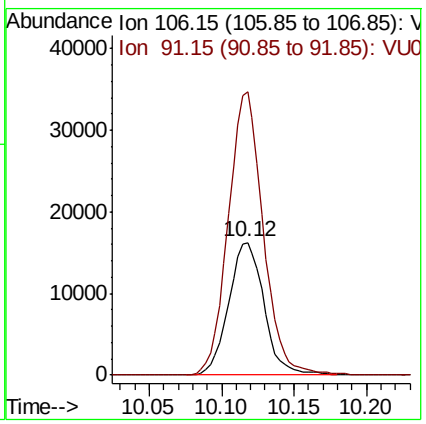


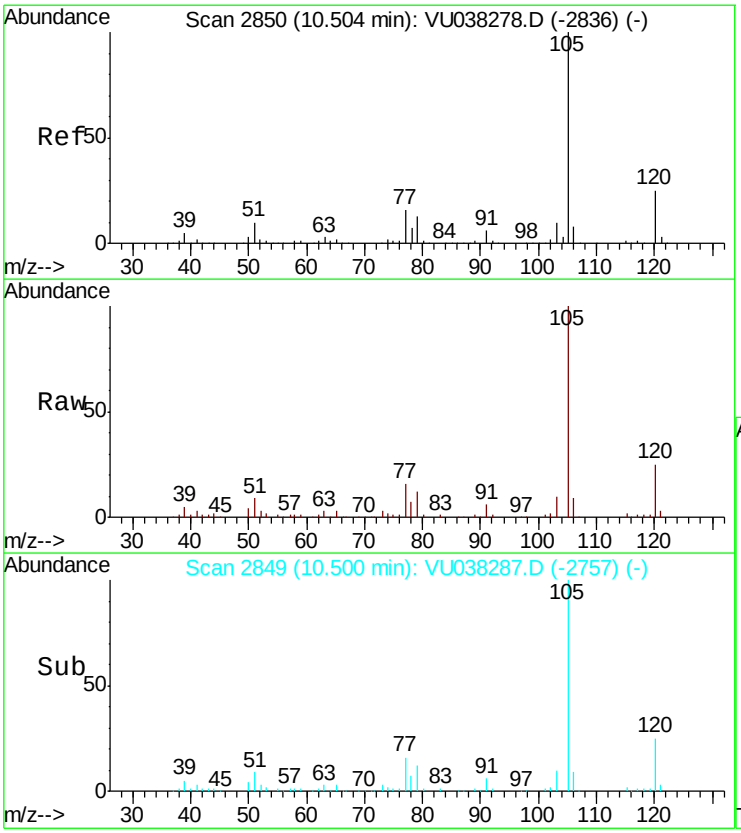
#54
o-Xylene
Concen: 0.681 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Tgt Ion:106 Resp: 27466

Ion	Ratio	Lower	Upper
106	100		
91	213.3	148.5	275.9

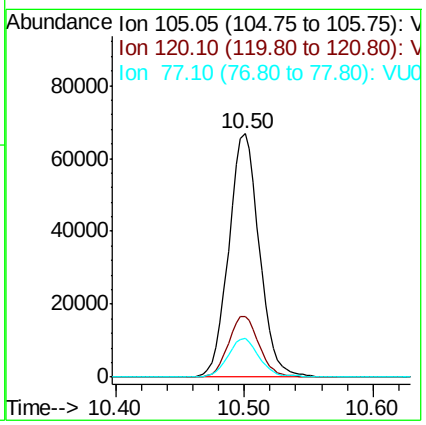


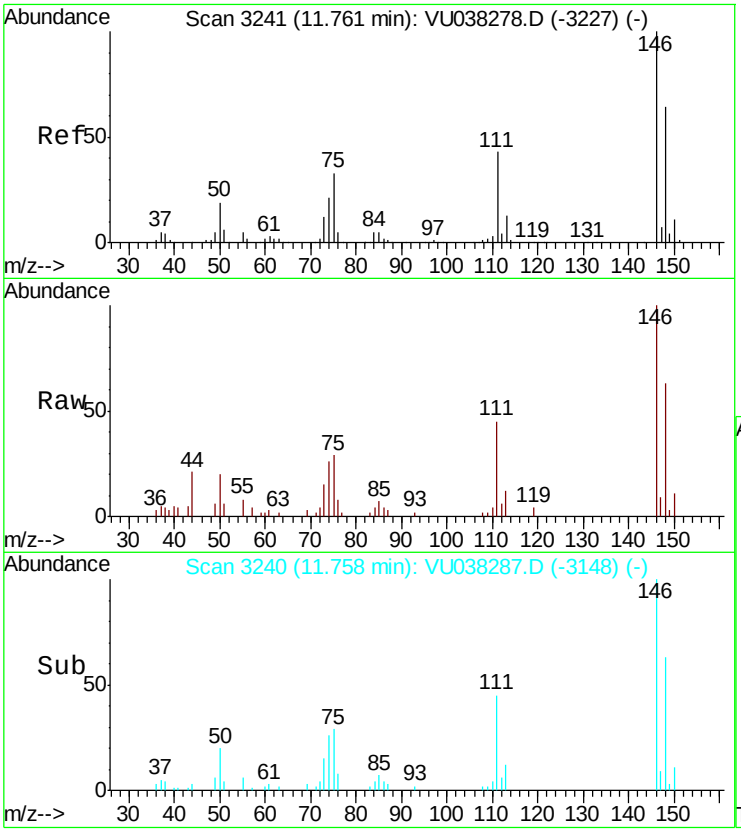


#56
Isopropylbenzene
Concen: 1.061 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Tgt Ion:105 Resp: 109898

Ion	Ratio	Lower	Upper
105	100		
120	25.0	21.0	31.6
77	16.2	13.0	19.4



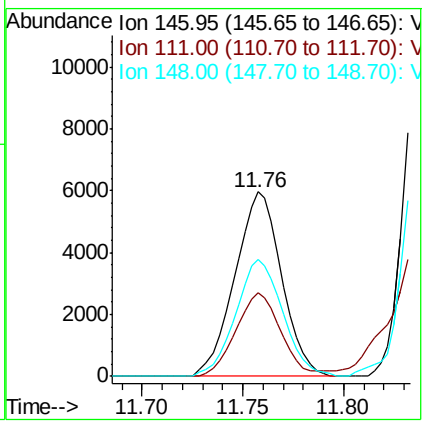


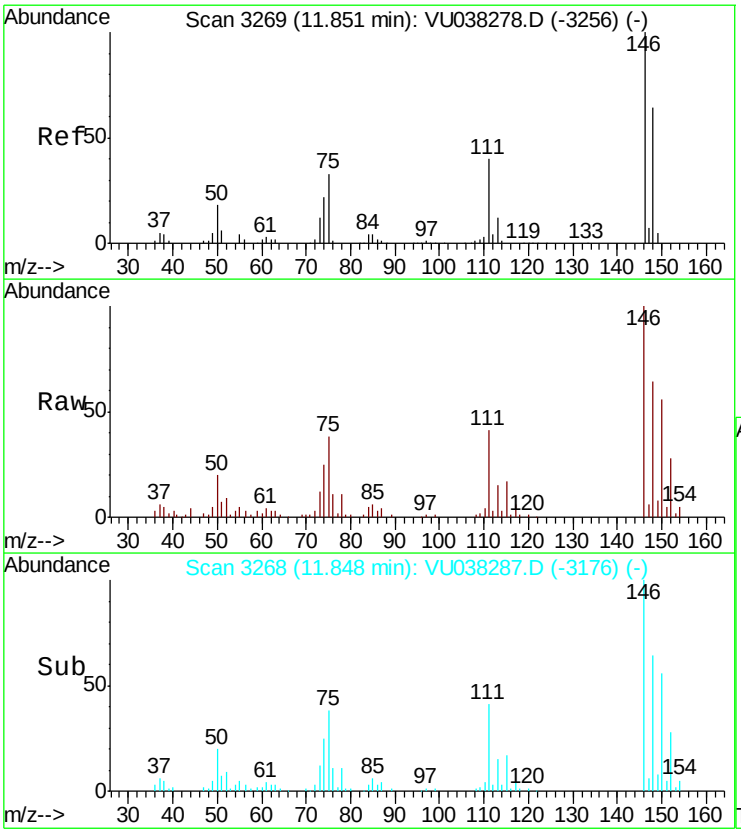
#62
1,3-Dichlorobenzene
Concen: 0.204 ug/L
RT: 11.76 min Scan# 3240
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Instrument : MSVOA_U
ClientSampleId : BE4T9DL

Tgt Ion:146 Resp: 9644

Ion	Ratio	Lower	Upper
146	100		
111	45.3	28.6	53.2
148	63.4	45.2	84.0

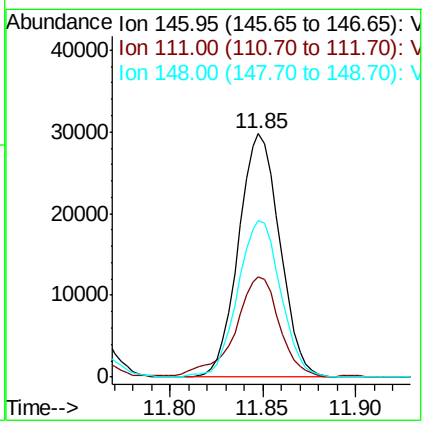


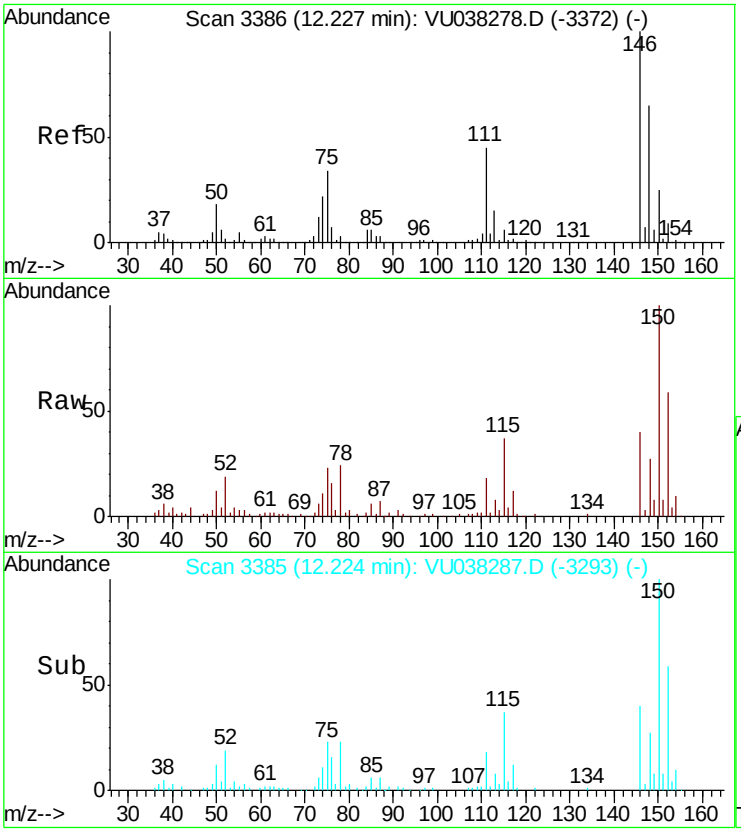


#63
1,4-Dichlorobenzene
Concen: 0.962 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Tgt Ion:146 Resp: 46065

Ion	Ratio	Lower	Upper
146	100		
111	41.2	27.2	50.6
148	64.4	43.8	81.3





#65
1,2-Dichlorobenzene
Concen: 0.469 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038287.D
Acq: 22 May 2020 19:02

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Tgt Ion:146 Resp: 21311

Ion	Ratio	Lower	Upper
146	100		
111	45.1	35.3	52.9
148	67.0	51.0	76.4