Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

Quantitation Report (Not Reviewed)

Data File : VU030480.D
Acq On : 27 Mar 2019 13:56
Operator : JC/SP
Sample : K2063-15DL 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6S2DL

Quant Time: Mar 28 01:30:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 01:25:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	439018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414483	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170136	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	159785	45.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.44%			
7) Chloroethane-d5	1.68	69	139570	49.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.68%			
11) 1,1-Dichloroethene-d2	2.27	63	235449	35.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.26%			
21) 2-Butanone-d5	4.17	46	334993	100.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.86%			
24) Chloroform-d	4.64	84	296513	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.42%			
26) 1,2-Dichloroethane-d4	5.31	65	208496	52.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.68%			
32) Benzene-d6	5.34	84	593751	49.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.90%			
36) 1,2-Dichloropropane-d6	6.33	67	215168	52.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.82%			
41) Toluene-d8	7.56	98	508671	47.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.30%			
43) trans-1,3-Dichloropropene-	7.85	79	94039	49.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.36%			
47) 2-Hexanone-d5	8.31	63	212844	96.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	290269	49.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.76%			
64) 1,2-Dichlorobenzene-d4	11.86	152	176708	51.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.68%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1890	0.590	ug/L #	21
33) Benzene	5.39	78	156476	11.090	ug/L	100
42) Toluene	7.63	91	790529	53.986	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3782	0.747	ug/L	90
48) 2-Hexanone	8.37	43	5661	1.027	ug/L #	48
52) Ethylbenzene	9.25	91	109674	6.914	ug/L	99
53) m,p-Xylene	9.37	106	134386	23.463	ug/L	100
54) o-xylene	9.78	106	62840	11.244	ug/L	96
55) Styrene	9.77	104	4554	0.473	ug/L #	1
63) 1,4-Dichlorobenzene	11.50	146	2843	0.496	ug/L #	92
65) 1,2-Dichlorobenzene	11.87	146	8718	1.550	ug/L	95
67) 1,3,5-Trichlorobenzene	13.52	180	3312	0.795	ug/L #	89
68) 1,2,4-trichlorobenzene	13.52	180	3312	0.915	ug/L #	87
69) Naphthalene	13.76	128	5572	0.433	ug/L #	76

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

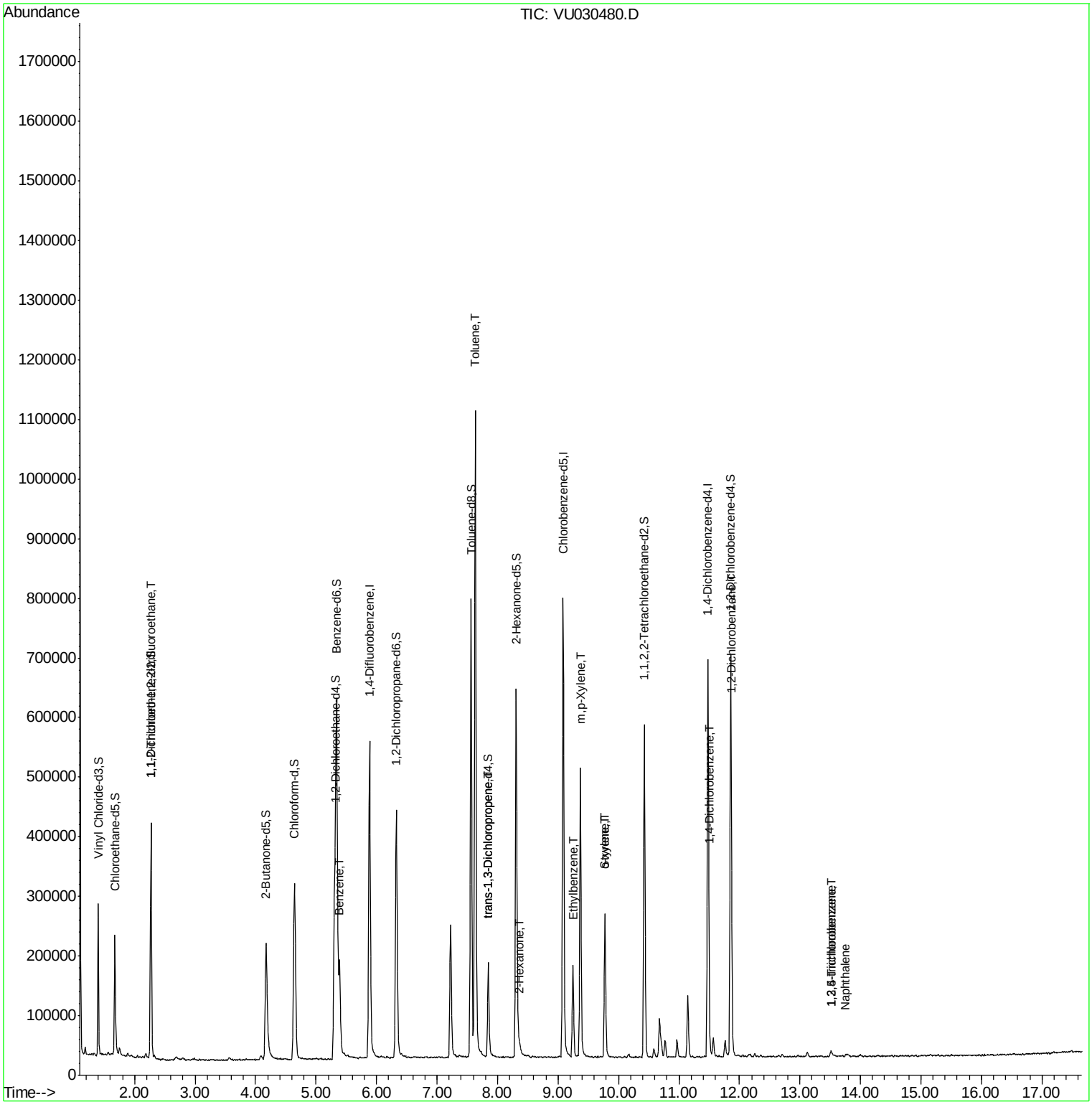
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

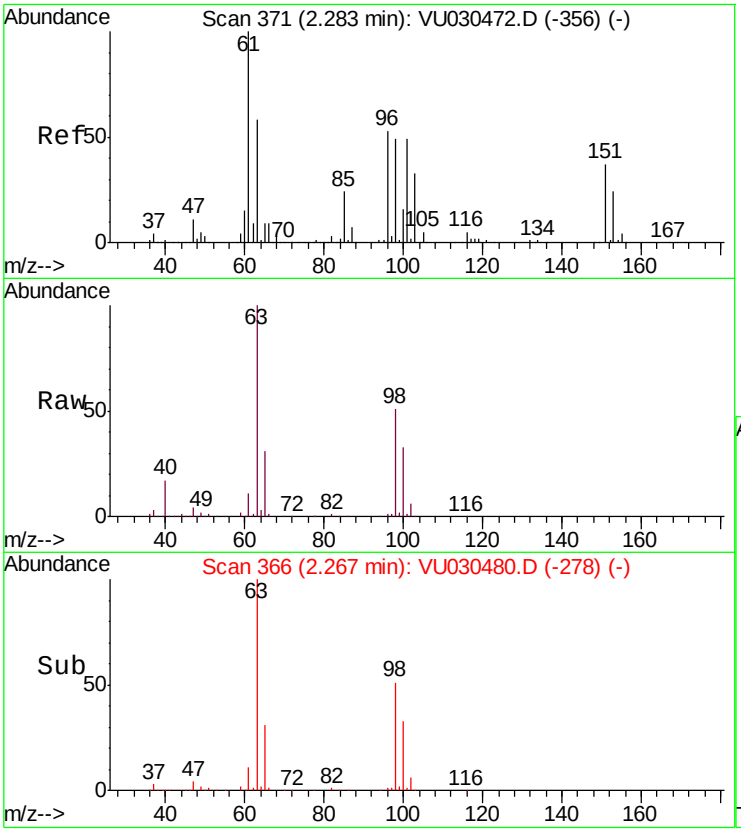
Quantitation Report (Not Reviewed)

Data File : VU030480.D
Acq On : 27 Mar 2019 13:56
Operator : JC/SP
Sample : K2063-15DL 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S2DL

Quant Time: Mar 28 01:30:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 01:25:46 2019
Response via : Initial Calibration



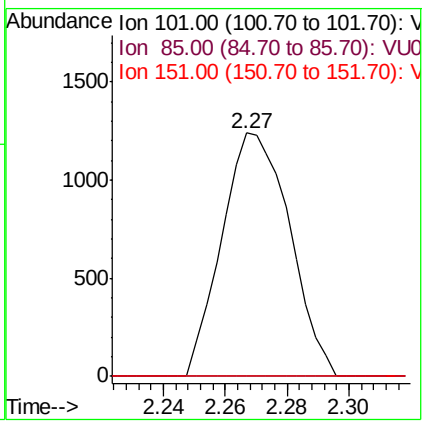


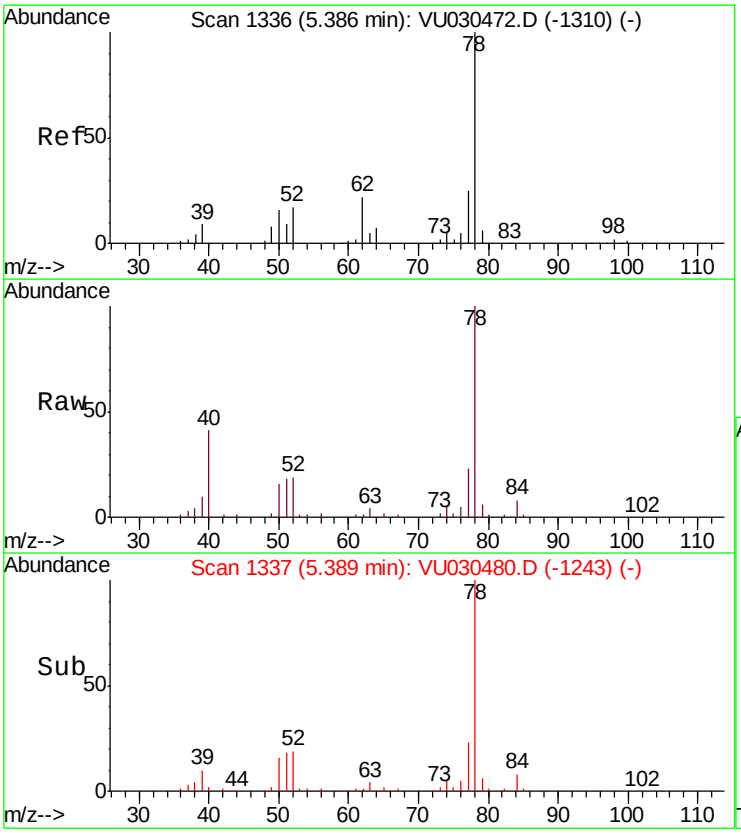
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.590 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Instrument :
MSVOA_U
ClientSampleId :
DB6S2DL

Tgt Ion:101 Resp: 1890

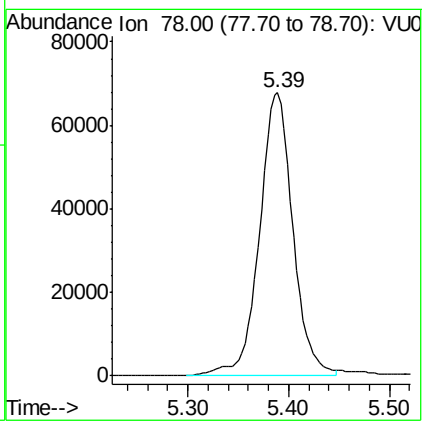
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

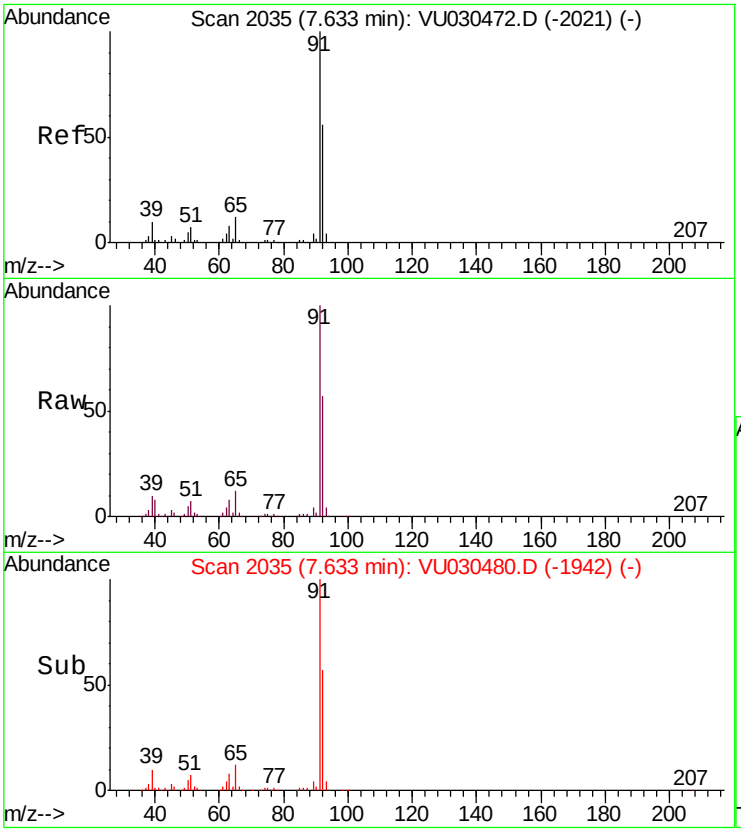




#33
Benzene
Concen: 11.090 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Tgt Ion: 78 Resp: 156476



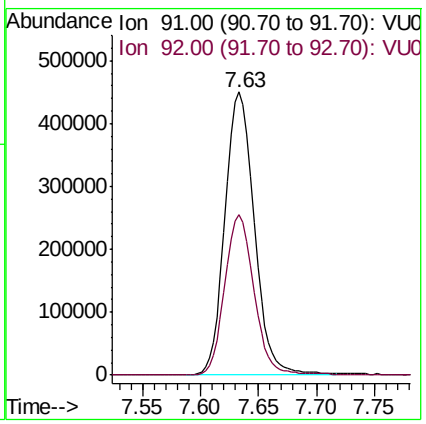


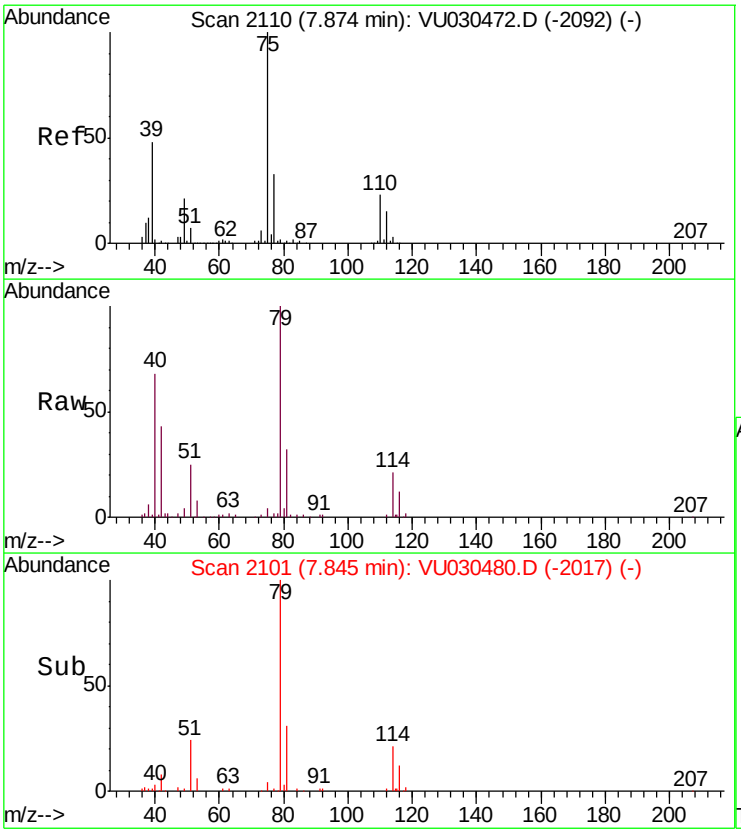
#42
Toluene
Concen: 53.986 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Instrument :
MSVOA_U
ClientSampleId :
DB6S2DL

Tgt Ion: 91 Resp: 790529

Ion	Ratio	Lower	Upper
91	100		
92	56.8	39.7	73.7

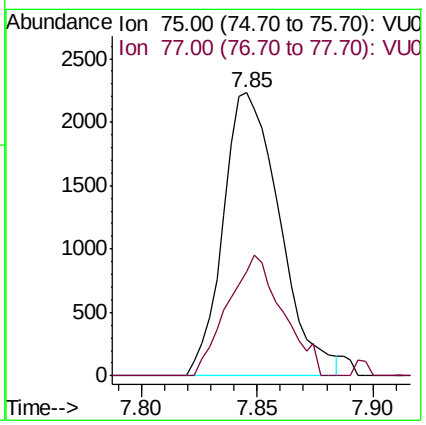


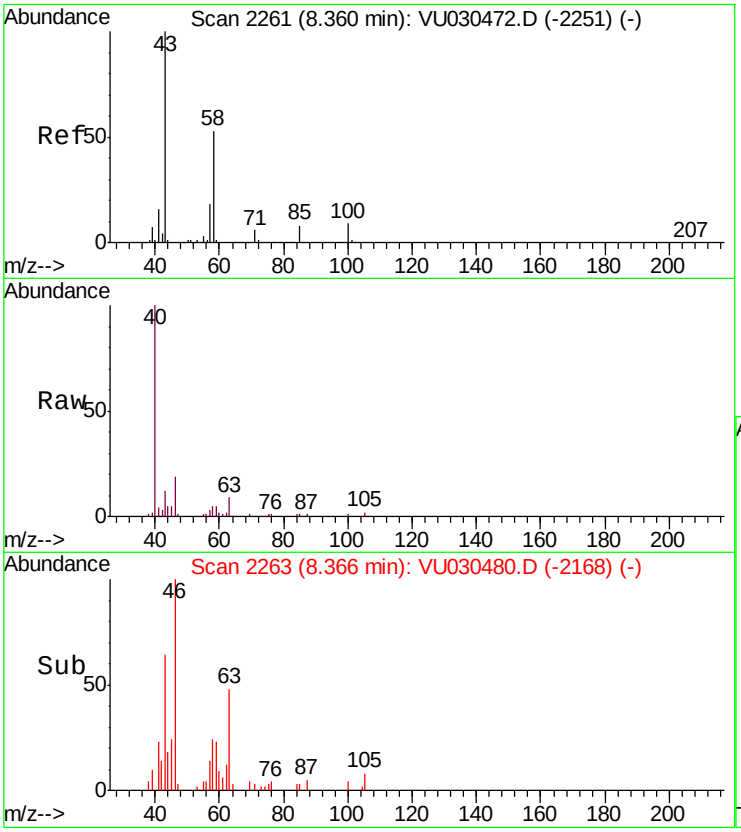


#44
trans-1,3-Dichloropropene
Concen: 0.747 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Tgt Ion: 75 Resp: 3782

Ion	Ratio	Lower	Upper
75	100		
77	36.8	22.0	40.8



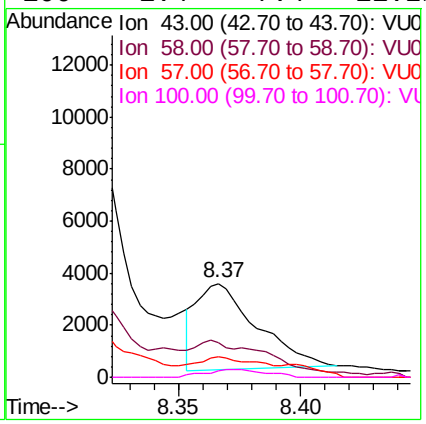


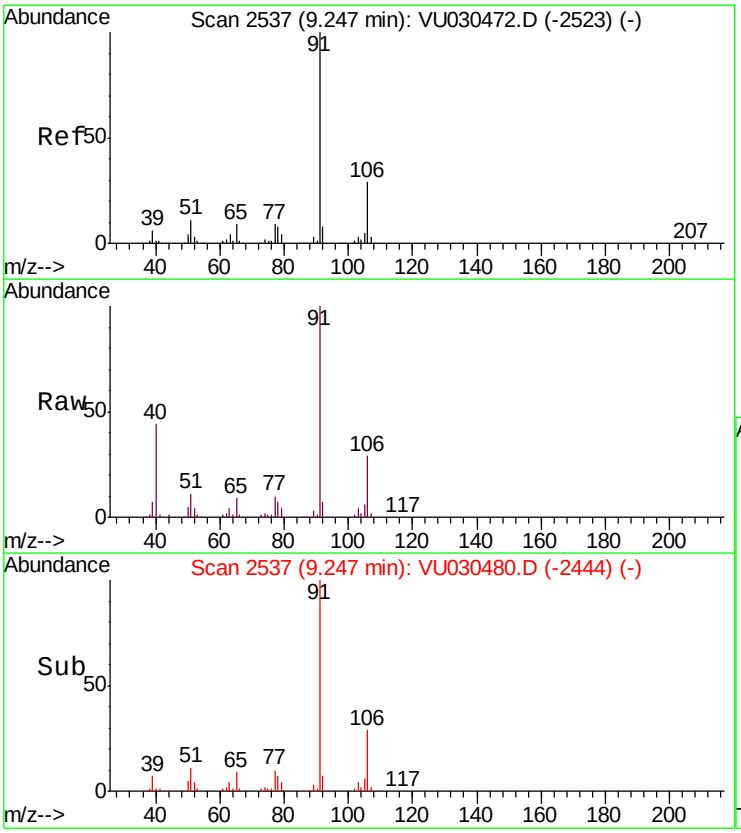
#48
2-Hexanone
Concen: 1.027 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Instrument : MSVOA_U
ClientSampleId : DB6S2DL

Tgt Ion: 43 Resp: 5661

Ion	Ratio	Lower	Upper
43	100		
58	6.2	42.5	63.7#
57	5.8	15.0	22.6#
100	1.4	7.4	11.2#

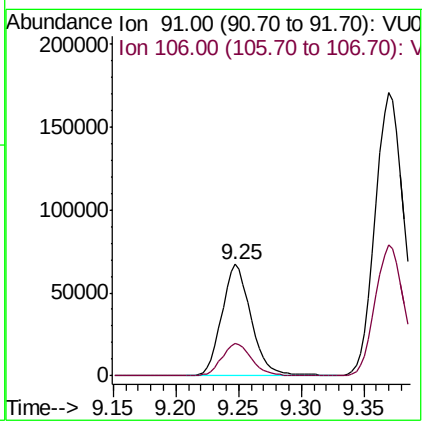


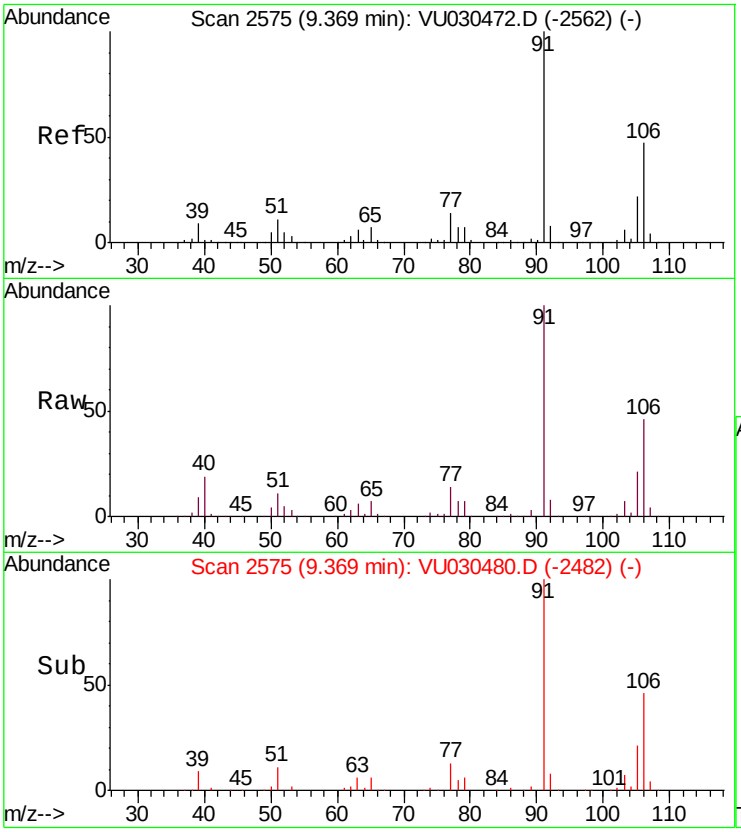


#52
Ethylbenzene
Concen: 6.914 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Tgt Ion: 91 Resp: 109674

Ion	Ratio	Lower	Upper
91	100		
106	28.7	20.6	38.2



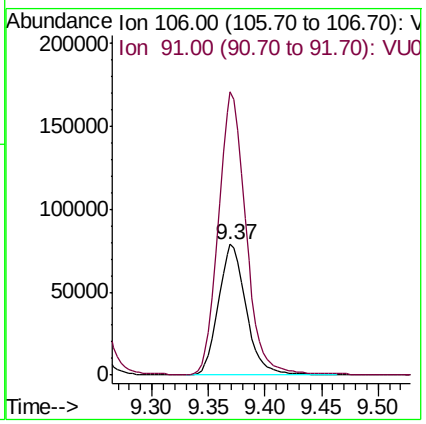


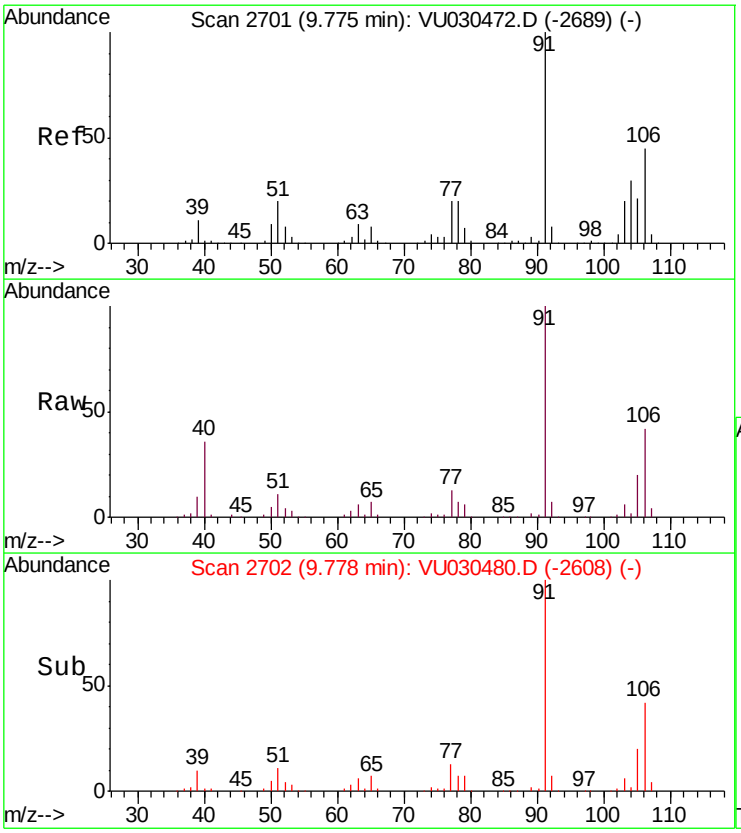
#53
m,p-Xylene
Concen: 23.463 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Instrument :
MSVOA_U
ClientSampleId :
DB6S2DL

Tgt Ion:106 Resp: 134386

Ion	Ratio	Lower	Upper
106	100		
91	216.4	151.2	280.8

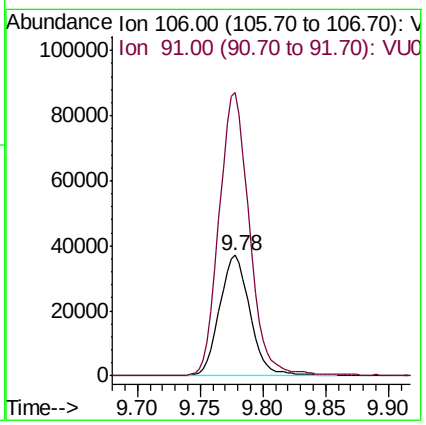


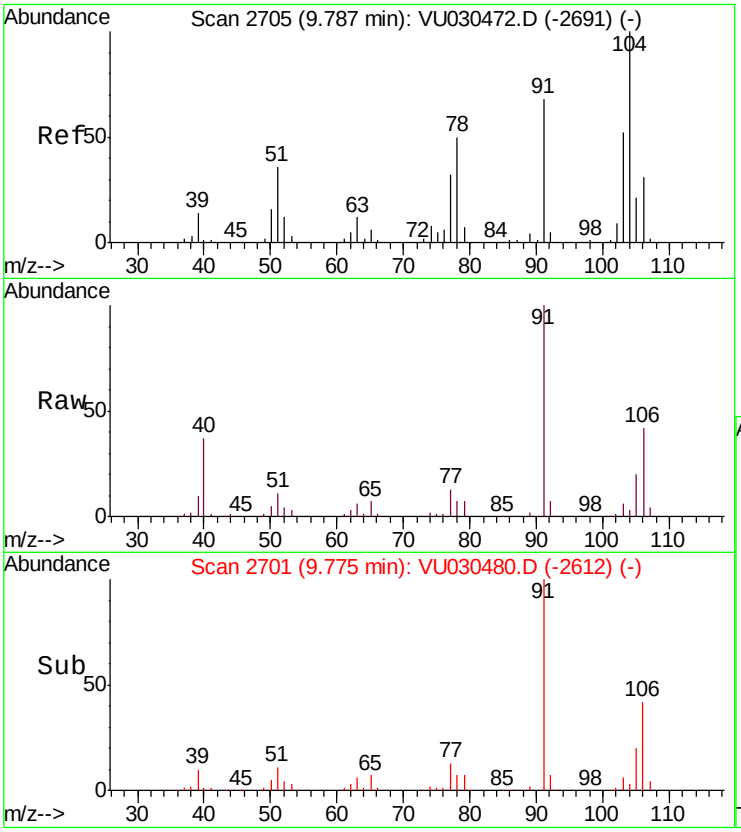


#54
o-xylene
Concen: 11.244 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Tgt Ion:106 Resp: 62840

Ion	Ratio	Lower	Upper
106	100		
91	235.3	159.6	296.4



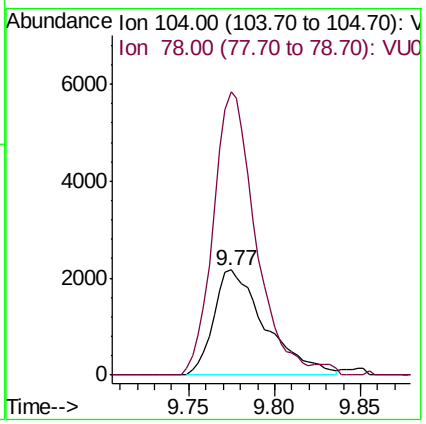


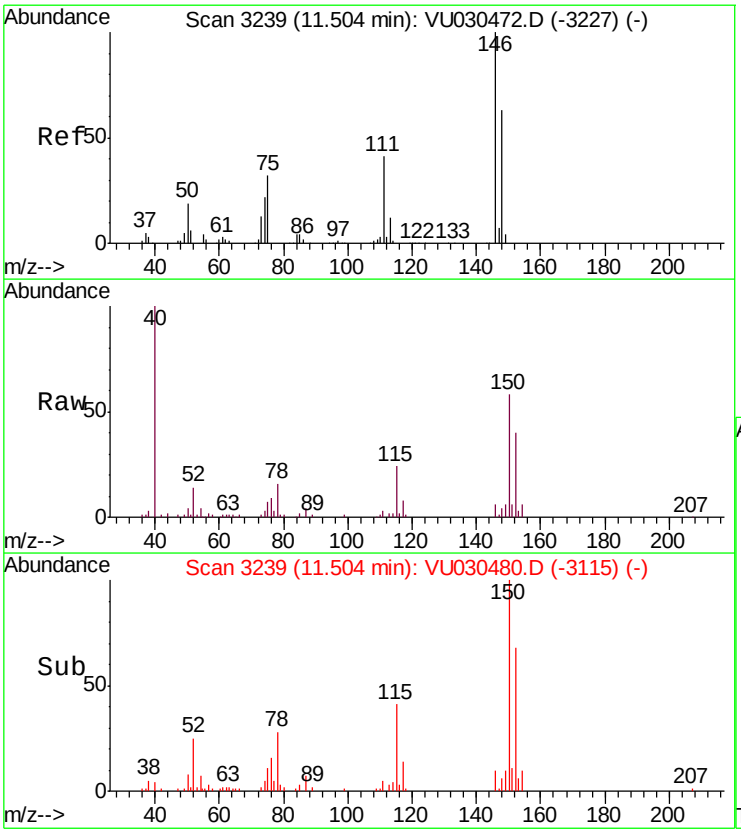
#55
Styrene
Concen: 0.473 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.01 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Instrument : MSVOA_U
ClientSampleId : DB6S2DL

Tgt Ion:104 Resp: 4554

Ion	Ratio	Lower	Upper
104	100		
78	268.5	35.1	65.3#

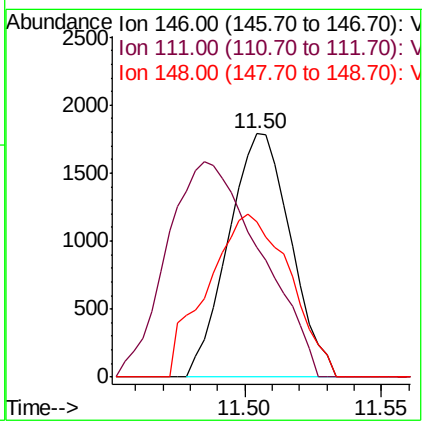


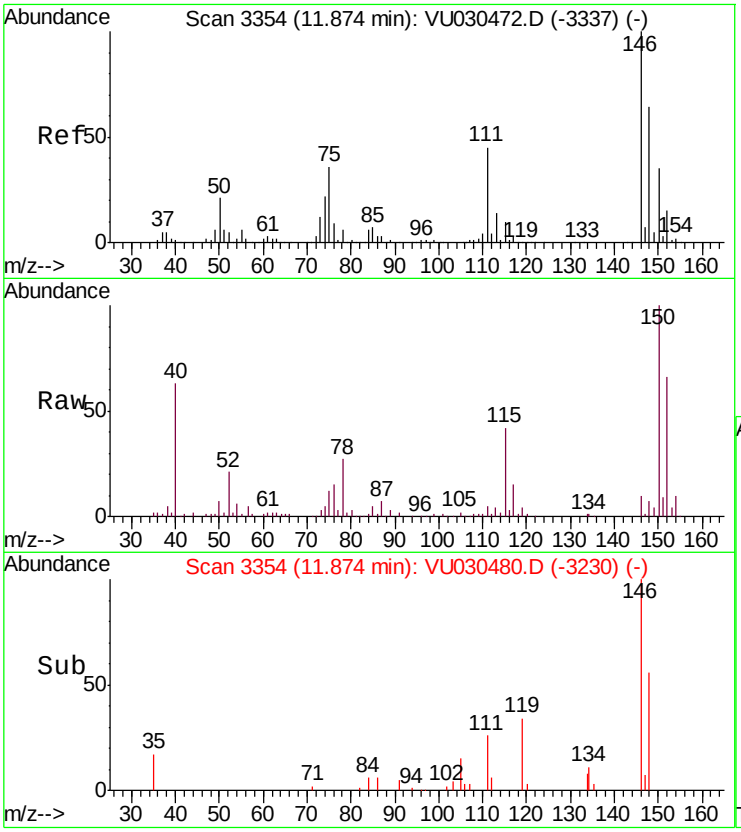


#63
1,4-Dichlorobenzene
Concen: 0.496 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Tgt Ion:146 Resp: 2843

Ion	Ratio	Lower	Upper
146	100		
111	53.3	28.7	53.3#
148	63.6	44.3	82.3



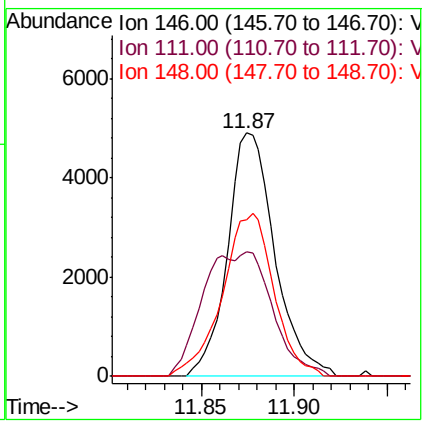


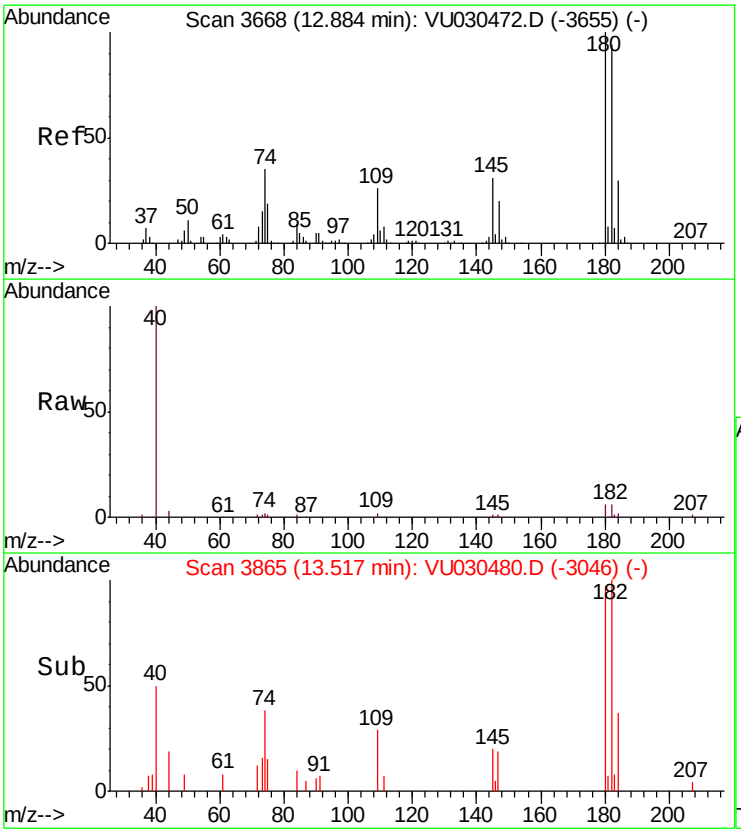
#65
1,2-Dichlorobenzene
Concen: 1.550 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Instrument : MSVOA_U
ClientSampleId : DB6S2DL

Tgt Ion:146 Resp: 8718

Ion	Ratio	Lower	Upper
146	100		
111	51.3	34.9	52.3
148	64.4	51.2	76.8

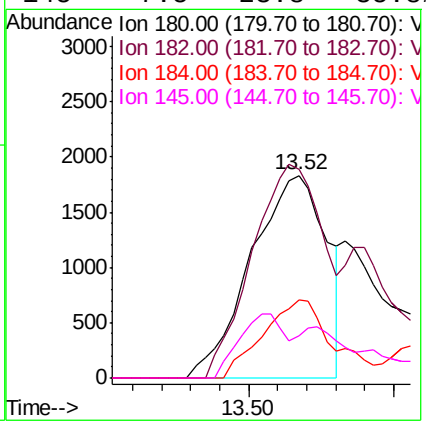


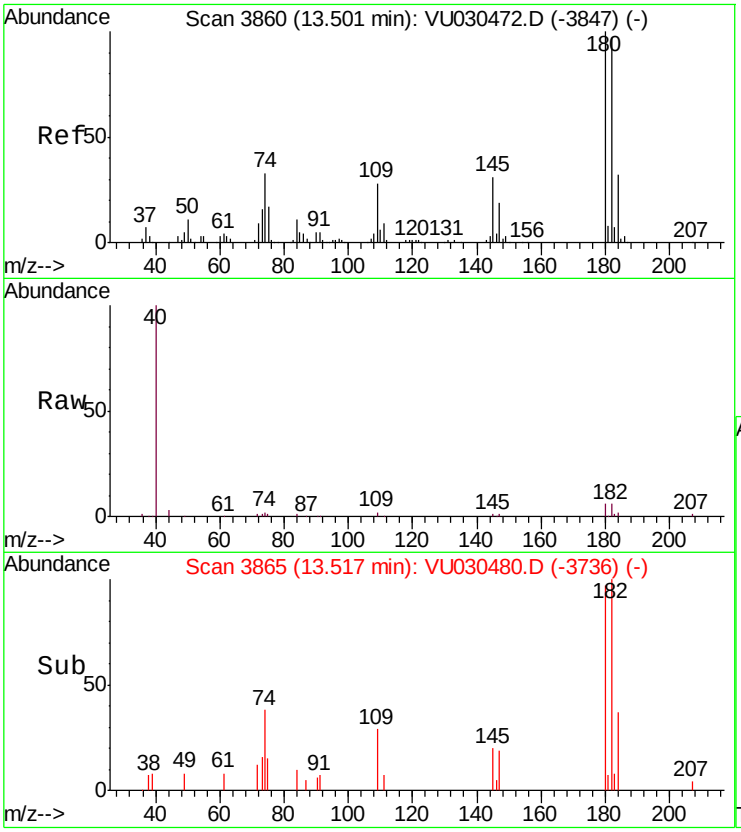


#67
1,3,5-Trichlorobenzene
Concen: 0.795 ug/L
RT: 13.52 min Scan# 3865
Delta R.T. 0.63 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Tgt Ion:180 Resp: 3312

Ion	Ratio	Lower	Upper
180	100		
182	99.2	75.9	113.9
184	30.4	24.1	36.1
145	7.5	23.8	35.8#



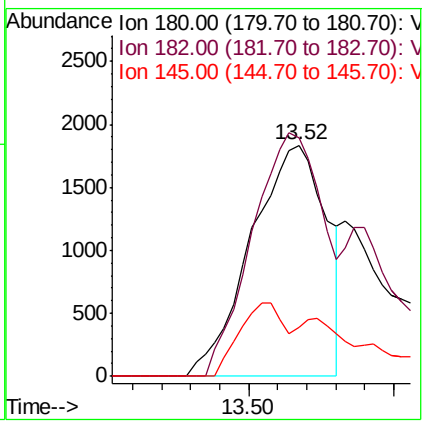


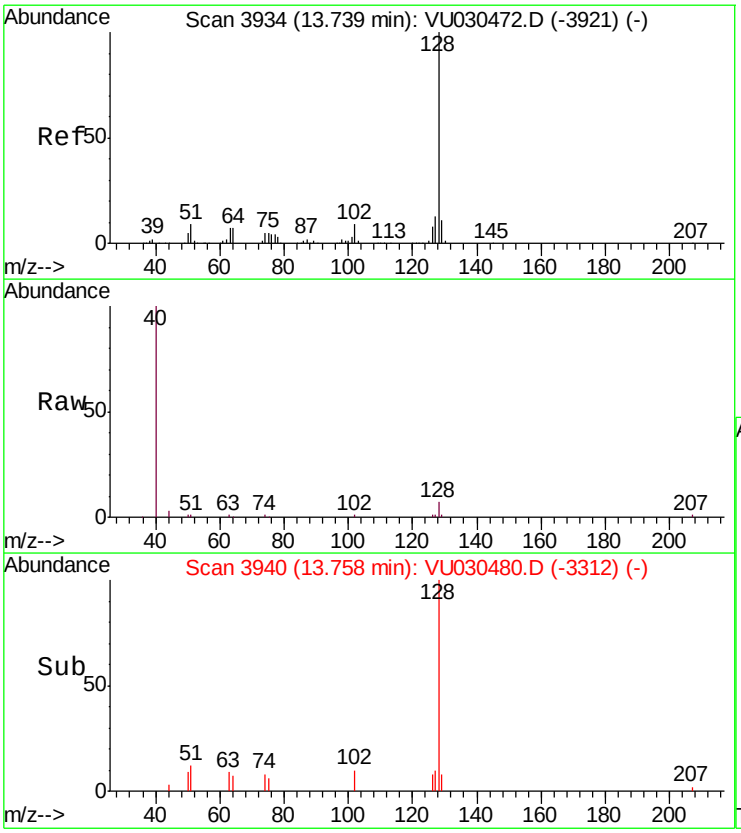
#68
1,2,4-trichlorobenzene
Concen: 0.915 ug/L
RT: 13.52 min Scan# 3865
Delta R.T. 0.02 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Instrument :
MSVOA_U
ClientSampleId :
DB6S2DL

Tgt Ion:180 Resp: 3312

Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.1	114.1
145	7.5	24.5	36.7#





#69
Naphthalene
Concen: 0.433 ug/L
RT: 13.76 min Scan# 3940
Delta R.T. 0.02 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Tgt Ion:128 Resp: 5572

Ion	Ratio	Lower	Upper
128	100		
127	2.3	10.4	15.6#
129	2.5	8.4	12.6#