Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021120\
Data File : VU036721.D
Acq On : 11 Feb 2020 13:32
Operator : JC/MD
Sample : MDL07
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Feb 12 02:35:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 12 02:32:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258281	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	240984	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	101880	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	59044	34.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.56%			
7) Chloroethane-d5	1.93	69	61608	38.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.14%			
11) 1,1-Dichloroethene-d2	2.59	63	91363	28.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.18%#			
21) 2-Butanone-d5	4.68	46	138874	94.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.50%			
24) Chloroform-d	5.11	84	128872	41.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.68%			
26) 1,2-Dichloroethane-d4	5.75	65	95249	44.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.34%			
32) Benzene-d6	5.77	84	275897	43.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.10%			
36) 1,2-Dichloropropane-d6	6.73	67	96426	45.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.70%			
41) Toluene-d8	7.93	98	245539	42.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.64%			
43) trans-1,3-Dichloropropene-	8.21	79	43301	43.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.00%			
47) 2-Hexanone-d5	8.67	63	109471	91.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.20%			
56) 1,1,2,2-Tetrachloroethane-	10.78	84	143577	46.32	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.64%			
66) 1,2-Dichlorobenzene-d4	12.21	152	85659	46.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	4085	2.289	ug/L	99
3) Chloromethane	1.54	50	5213	2.465	ug/L	98
5) Vinyl chloride	1.62	62	6210	2.727	ug/L #	55
6) Bromomethane	1.87	94	3242	2.271	ug/L	96
8) Chloroethane	1.95	64	3621	2.506	ug/L	98
9) Trichlorofluoromethane	2.16	101	6467	2.390	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5117	3.157	ug/L #	84
12) 1,1-Dichloroethene	2.61	96	4492	2.847	ug/L #	1
13) Acetone	2.66	43	7976	5.109	ug/L	99
14) Carbon disulfide	2.82	76	11888	2.521	ug/L	97
15) Methyl Acetate	2.99	43	5526	2.449	ug/L	98
16) Methylene chloride	3.08	84	5155	2.647	ug/L	94
17) trans-1,2-Dichloroethene	3.39	96	4292	2.557	ug/L	94
18) Methyl tert-butyl Ether	3.41	73	13897	2.385	ug/L	98
19) 1,1-Dichloroethane	3.92	63	8196	2.450	ug/L	97
20) cis-1,2-Dichloroethene	4.72	96	4643	2.427	ug/L	99
22) 2-Butanone	4.76	43	8614	4.649	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021120\
Data File : VU036721.D
Acq On : 11 Feb 2020 13:32
Operator : JC/MD
Sample : MDL07
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Feb 12 02:35:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 12 02:32:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.02	128	2189	2.442	ug/L		92
25) Chloroform	5.14	83	15486	4.761	ug/L		98
27) 1,2-Dichloroethane	5.84	62	7153	2.615	ug/L	#	91
29) Cyclohexane	5.43	56	7195	2.324	ug/L		98
30) 1,1,1-Trichloroethane	5.36	97	6239	2.437	ug/L		97
31) Carbon tetrachloride	5.56	117	2714	1.309	ug/L	#	14
33) Benzene	5.82	78	19106	2.621	ug/L		100
34) Trichloroethene	6.58	95	4409	2.446	ug/L		97
35) Methylcyclohexane	6.80	83	7553	2.379	ug/L		98
37) 1,2-Dichloropropane	6.83	63	5158	2.624	ug/L	#	92
38) Bromodichloromethane	7.14	83	5825	2.439	ug/L		97
39) cis-1,3-Dichloropropene	7.64	75	6973	2.220	ug/L		95
40) 4-Methyl-2-pentanone	7.83	43	14275	4.597	ug/L		97
42) Toluene	8.00	91	20155	2.559	ug/L		98
44) trans-1,3-Dichloropropene	8.24	75	6598	2.405	ug/L		98
45) 1,1,2-Trichloroethane	8.43	97	4454	2.484	ug/L		98
46) Tetrachloroethene	8.58	164	3486	2.756	ug/L		97
48) 2-Hexanone	8.72	43	14417	5.691	ug/L		97
49) Dibromochloromethane	8.84	129	4152	2.367	ug/L		97
50) 1,2-Dibromoethane	8.95	107	4588	2.436	ug/L	#	98
51) Chlorobenzene	9.47	112	11865	2.502	ug/L		98
52) Ethylbenzene	9.60	91	20612	2.382	ug/L		98
53) m,p-Xylene	9.72	106	7504	2.350	ug/L		93
54) o-xylene	10.13	106	7260	2.296	ug/L		89
55) Styrene	10.14	104	11498	2.181	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.81	83	8137	2.518	ug/L	#	97
59) Bromoform	10.32	173	2635	2.341	ug/L	#	94
60) 1,2,3-Trichloropropane	10.85	75	6409	2.674	ug/L		98
61) Isopropylbenzene	10.51	105	19581	2.581	ug/L		99
62) 1,3,5-Trimethylbenzene	11.11	105	15739	2.420	ug/L		100
63) 1,2,4-Trimethylbenzene	11.49	105	15046	2.317	ug/L		99
64) 1,3-Dichlorobenzene	11.77	146	7920	2.483	ug/L		97
65) 1,4-Dichlorobenzene	11.86	146	8251	2.569	ug/L		97
67) 1,2-Dichlorobenzene	12.23	146	8558	2.649	ug/L		96
68) 1,2-Dibromo-3-chloropropan	13.01	75	1521	2.221	ug/L		87
69) 1,3,5-Trichlorobenzene	13.24	180	4985	2.253	ug/L		96
70) 1,2,4-trichlorobenzene	13.86	180	2975	1.613	ug/L		97
71) Naphthalene	14.10	128	8786	1.351	ug/L		98
72) 1,2,3-Trichlorobenzene	14.34	180	2891	1.573	ug/L		97

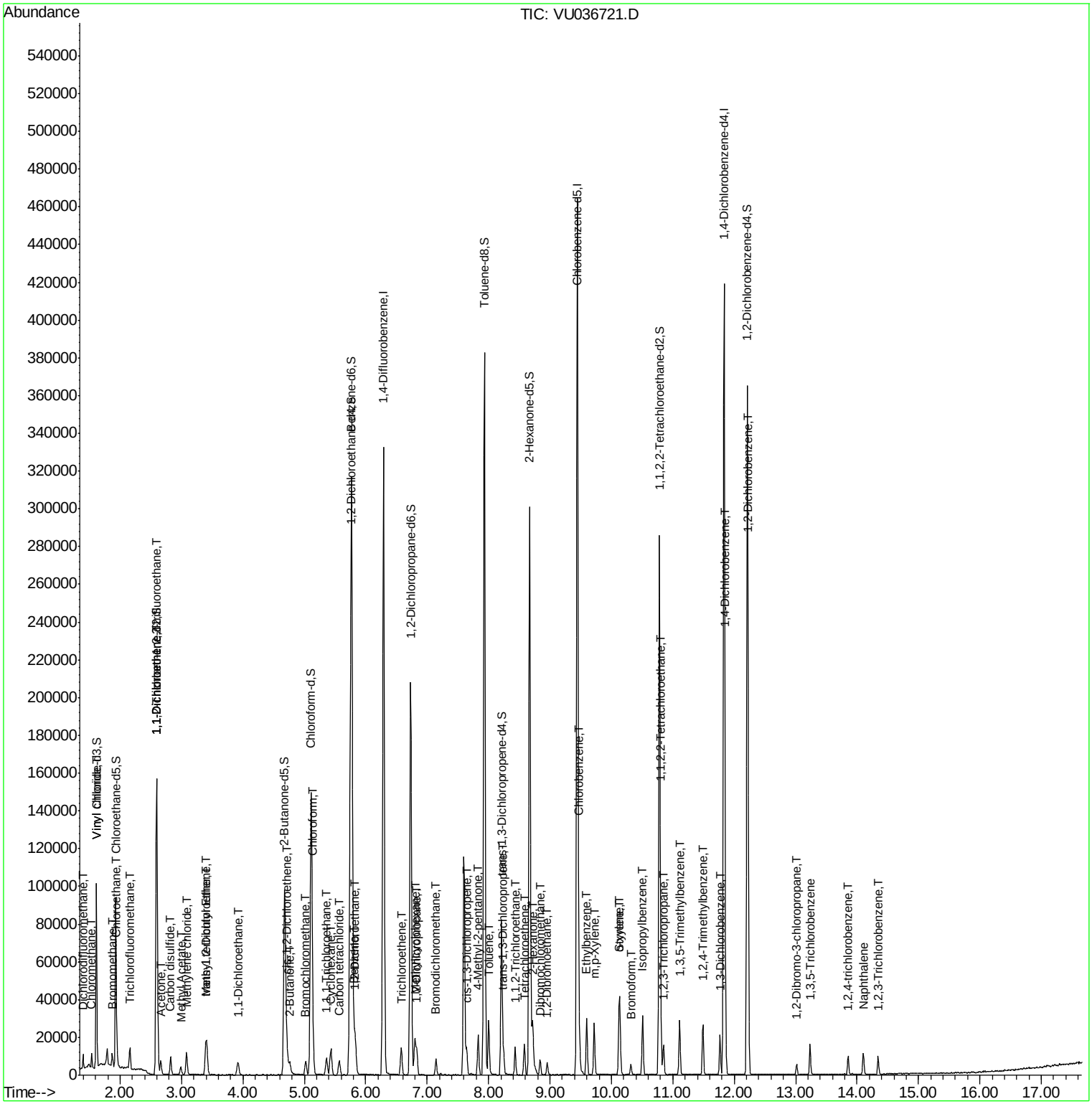
(#) = qualifier out of range (m) = manual integration (+) = signals summed

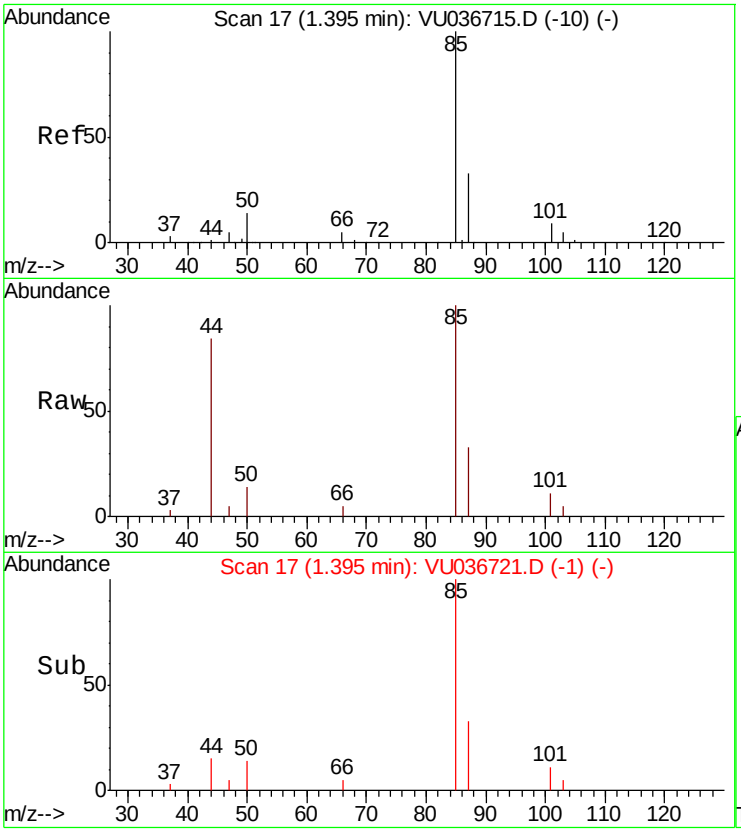
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021120\
Data File : VU036721.D
Acq On : 11 Feb 2020 13:32
Operator : JC/MD
Sample : MDL07
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 12 02:35:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 12 02:32:22 2020
Response via : Initial Calibration



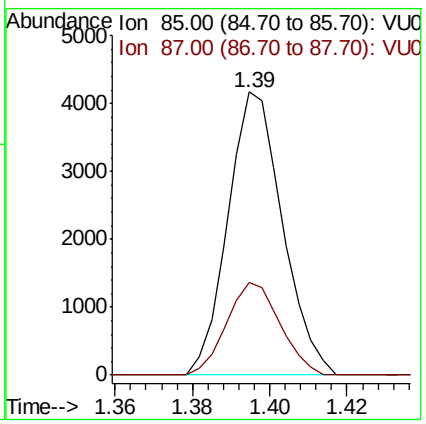


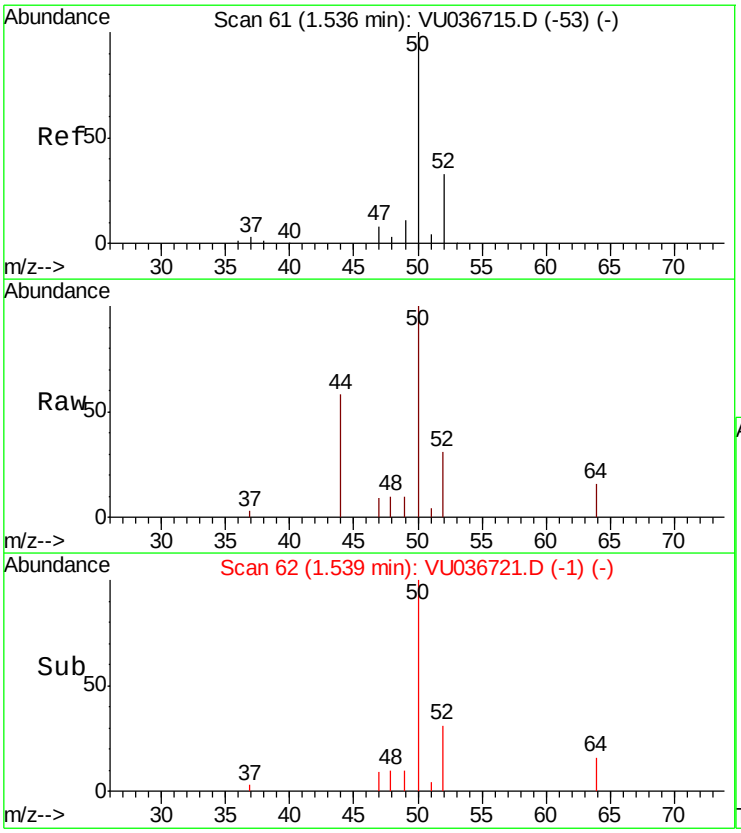
#2
Dichlorodifluoromethane
Concen: 2.289 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 4085

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.9	38.9

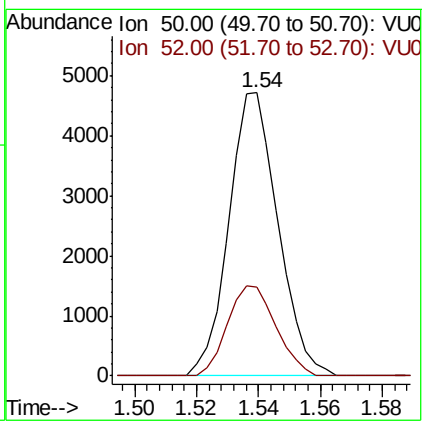


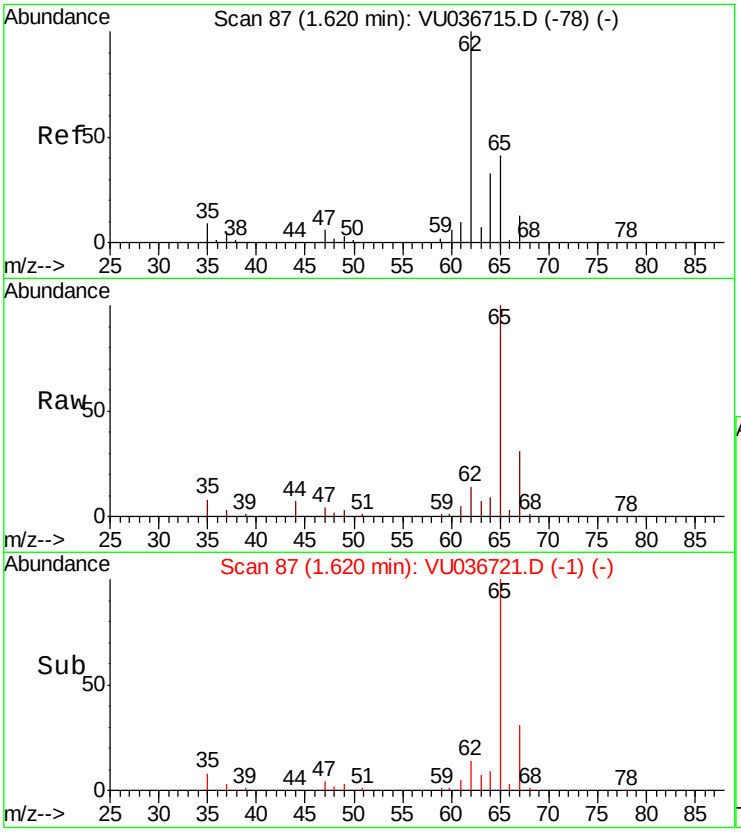


#3
Chloromethane
Concen: 2.465 ug/L
RT: 1.54 min Scan# 62
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 50 Resp: 5213

Ion	Ratio	Lower	Upper
50	100		
52	31.4	22.9	42.5



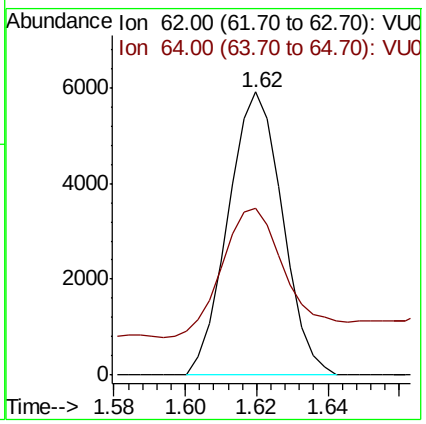


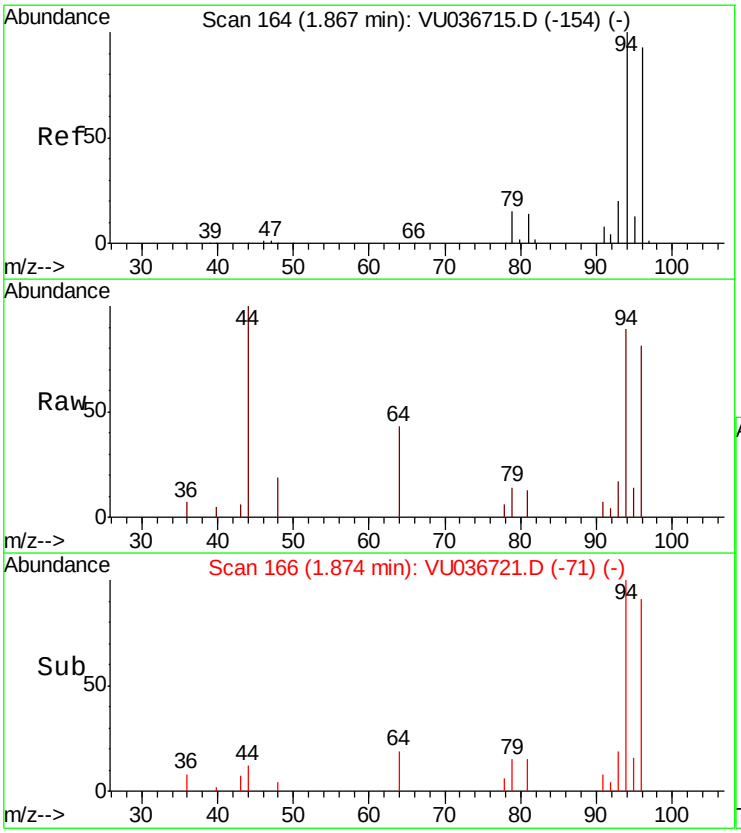
#5
Vinyl chloride
Concen: 2.727 ug/L
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 6210

Ion	Ratio	Lower	Upper
62	100		
64	58.8	23.4	43.6#

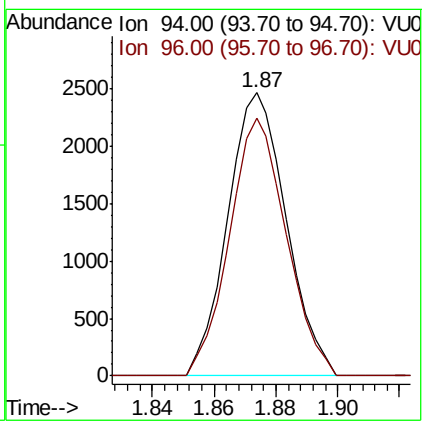


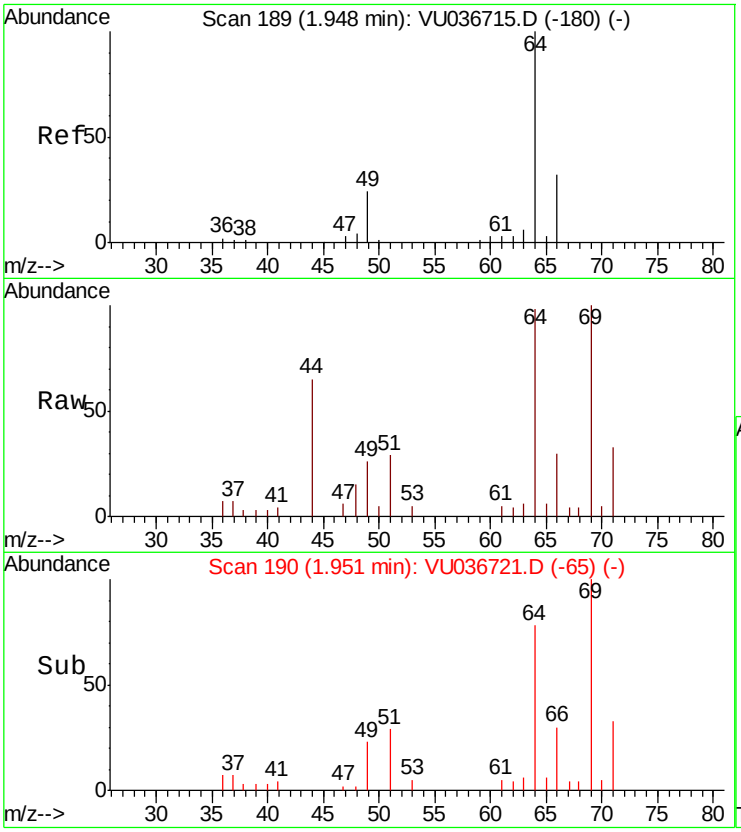


#6
Bromomethane
Concen: 2.271 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 94 Resp: 3242

Ion	Ratio	Lower	Upper
94	100		
96	91.3	66.3	123.1



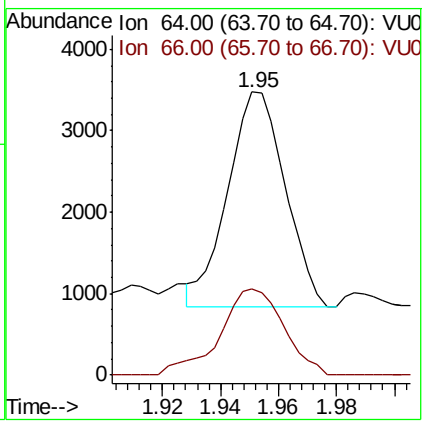


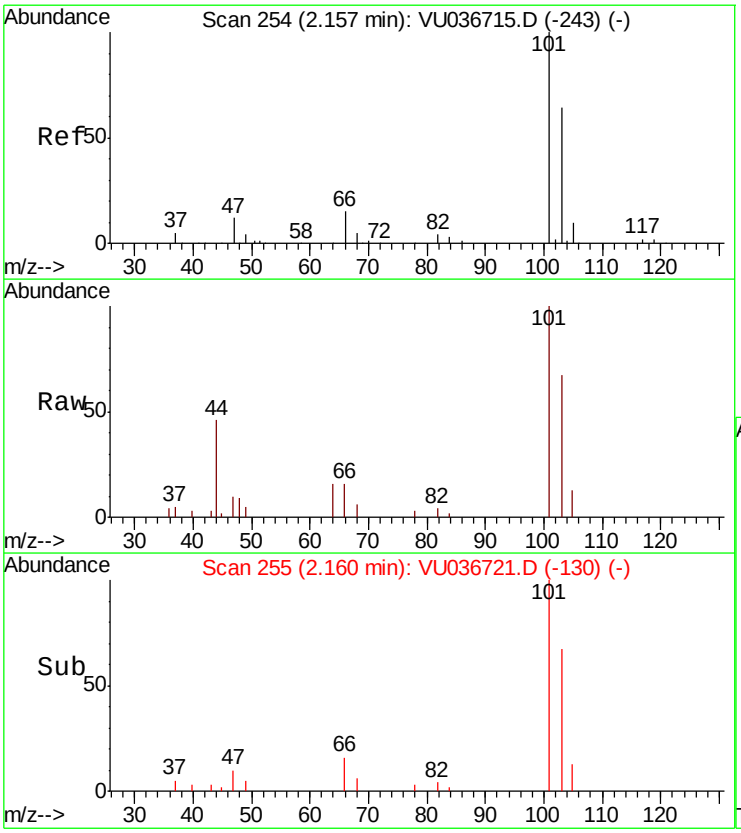
#8
Chloroethane
Concen: 2.506 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 3621

Ion	Ratio	Lower	Upper
64	100		
66	30.4	22.1	41.1

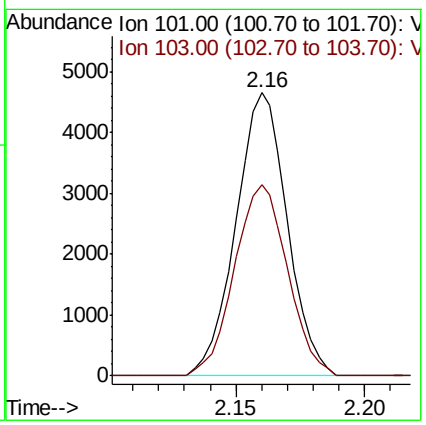


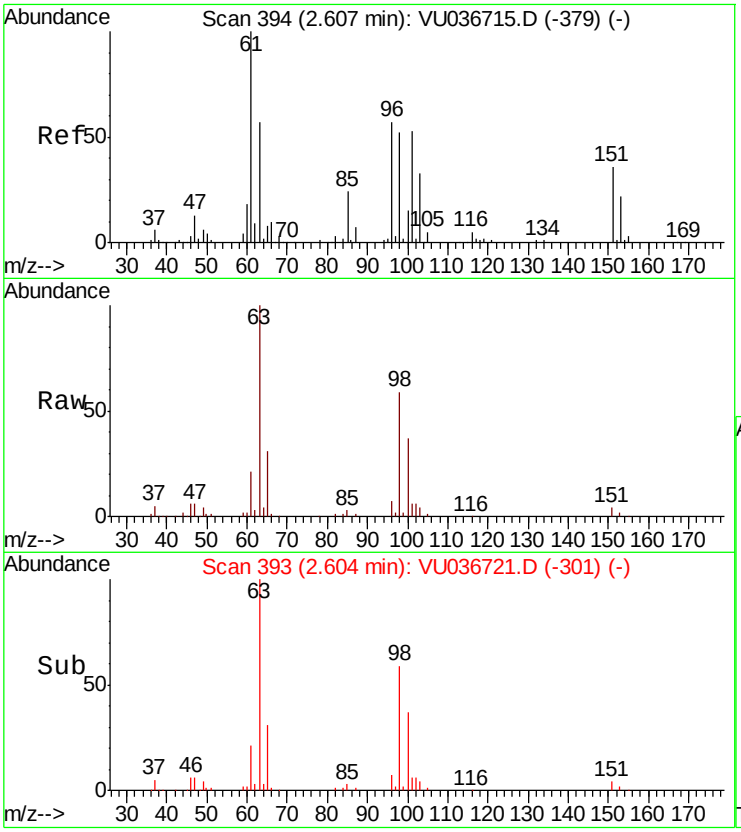


#9
Trichlorofluoromethane
Concen: 2.390 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:101 Resp: 6467

Ion	Ratio	Lower	Upper
101	100		
103	69.7	51.6	77.4



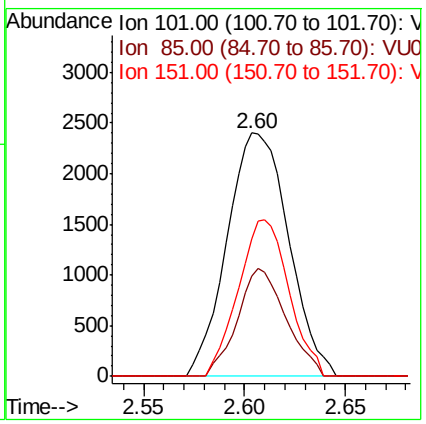


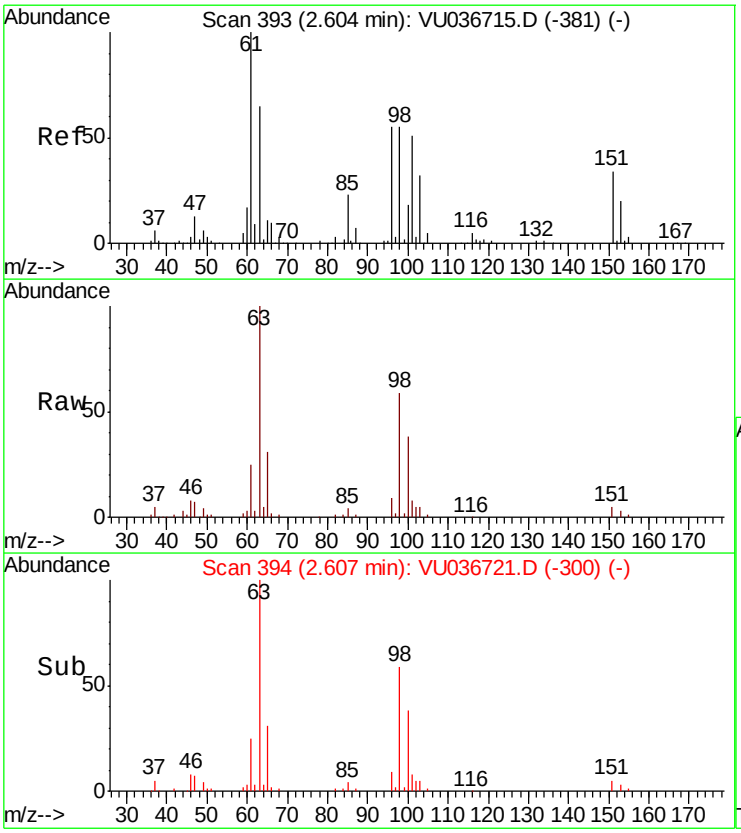
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.157 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 5117

Ion	Ratio	Lower	Upper
101	100		
85	35.0	36.5	54.7#
151	52.9	52.6	78.8

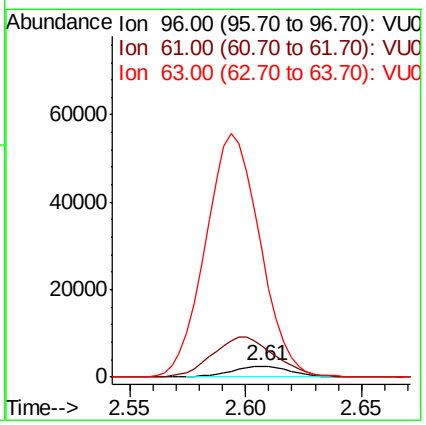


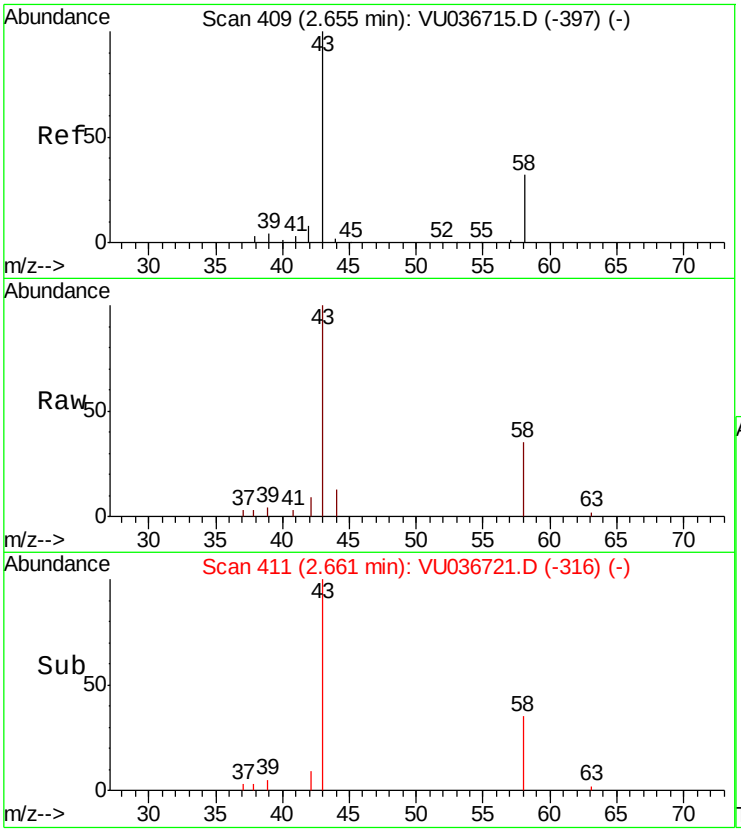


#12
1,1-Dichloroethene
Concen: 2.847 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 96 Resp: 4492

Ion	Ratio	Lower	Upper
96	100		
61	278.0	124.4	231.0#
63	1128.6	83.4	155.0#



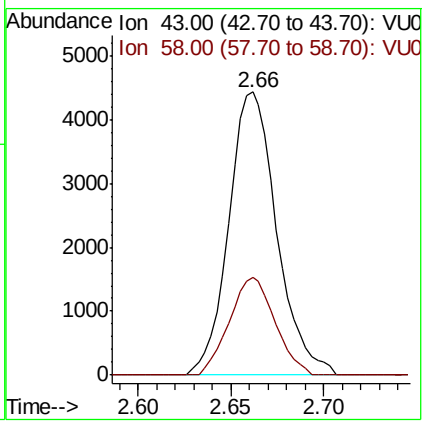


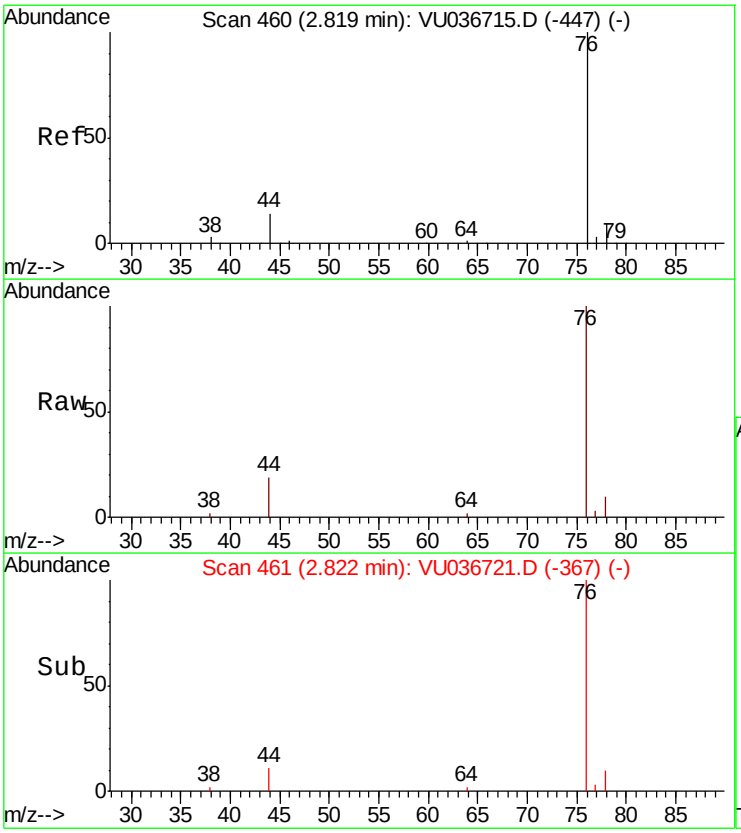
#13
Acetone
Concen: 5.109 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 7976

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	64.0

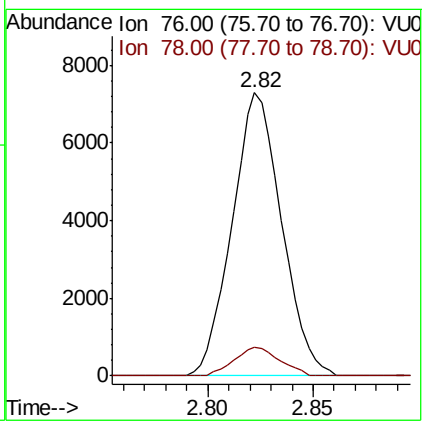


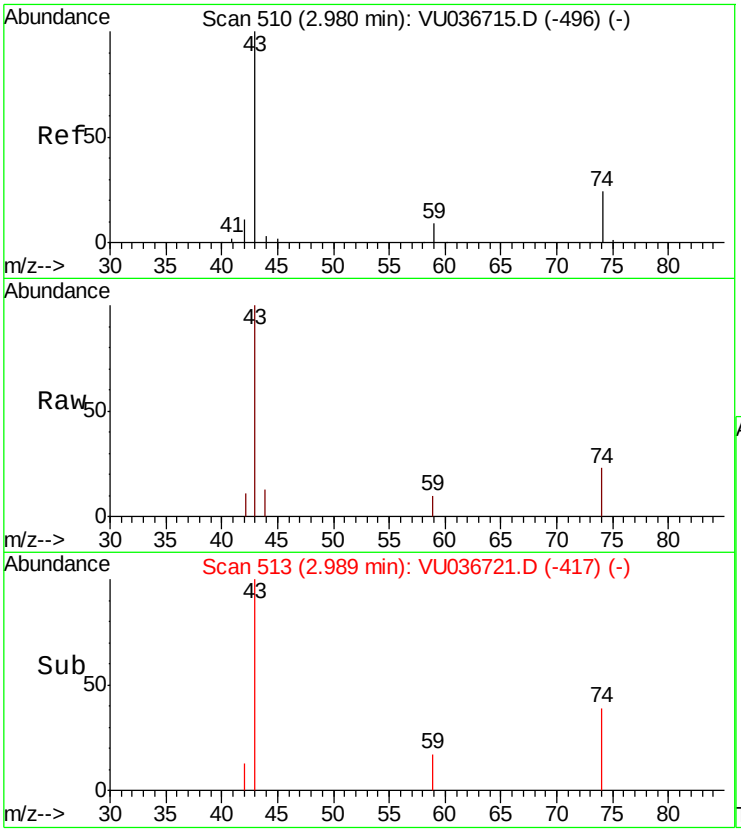


#14
Carbon disulfide
Concen: 2.521 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 76 Resp: 11888

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.3	10.9



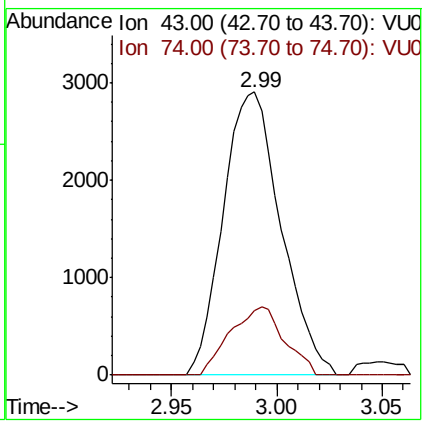


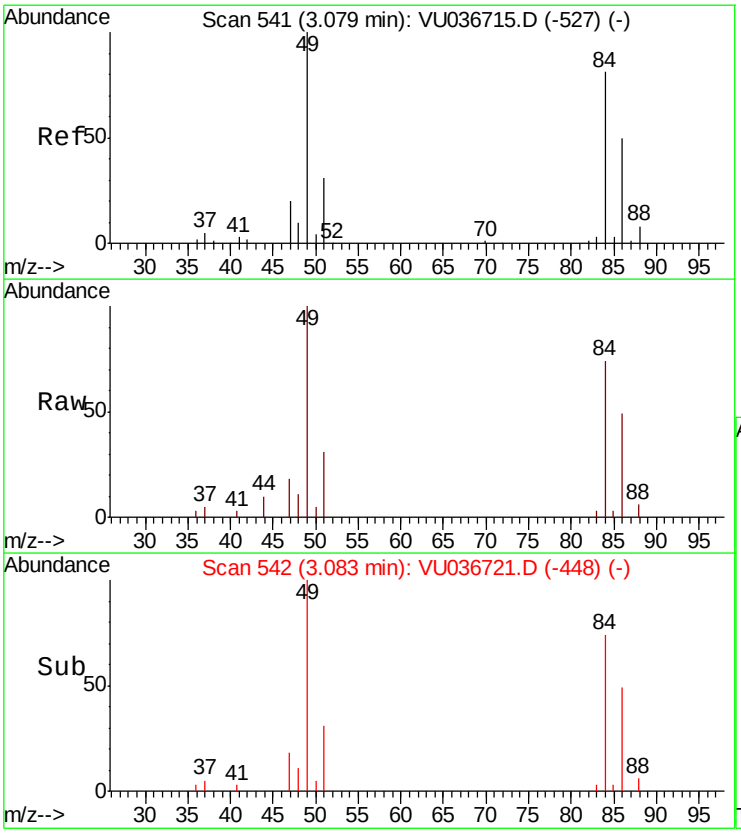
#15
Methyl Acetate
Concen: 2.449 ug/L
RT: 2.99 min Scan# 513
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 5526

Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.7	28.1

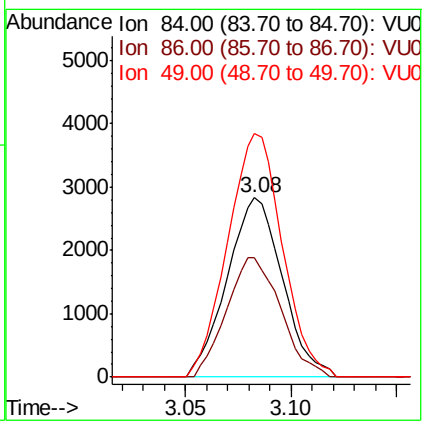


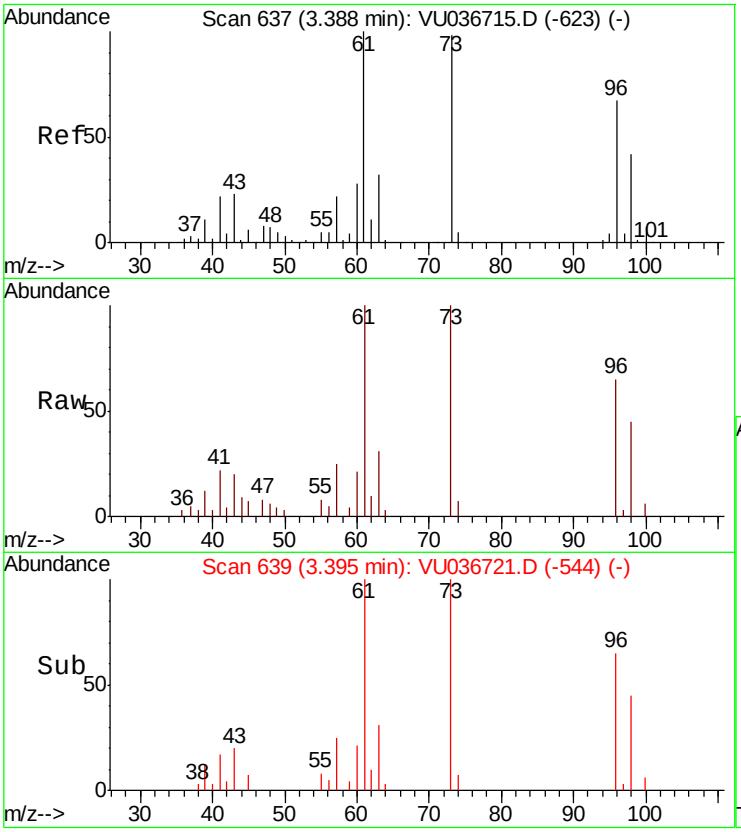


#16
Methylene chloride
Concen: 2.647 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 84 Resp: 5155

Ion	Ratio	Lower	Upper
84	100		
86	66.6	44.4	82.5
49	135.9	89.2	165.8



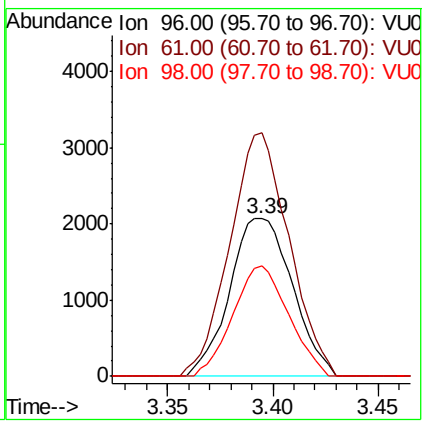


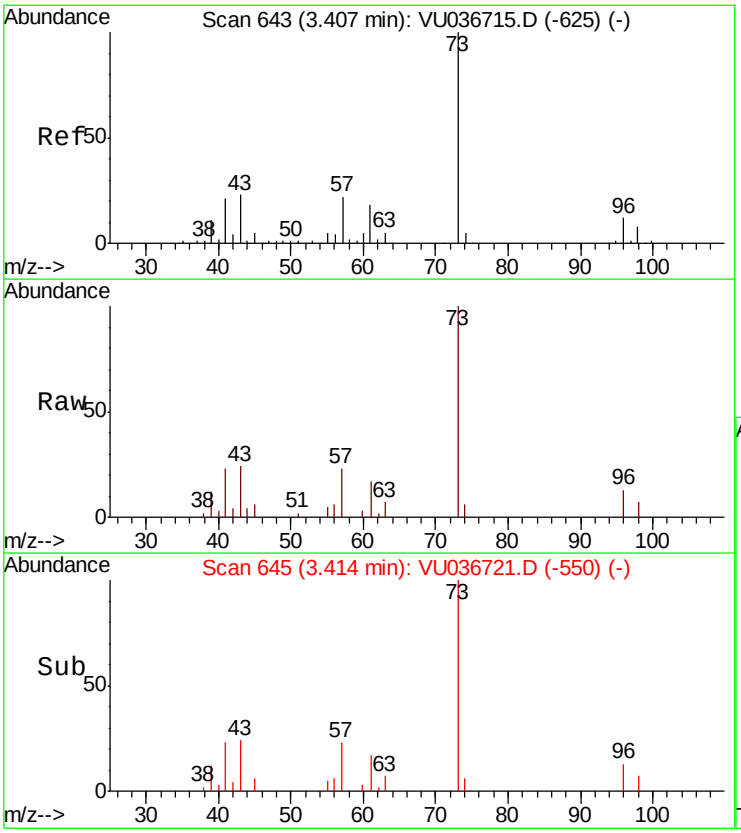
#17
trans-1,2-Dichloroethene
Concen: 2.557 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 4292

Ion	Ratio	Lower	Upper
96	100		
61	154.3	103.4	192.0
98	70.2	45.4	84.2

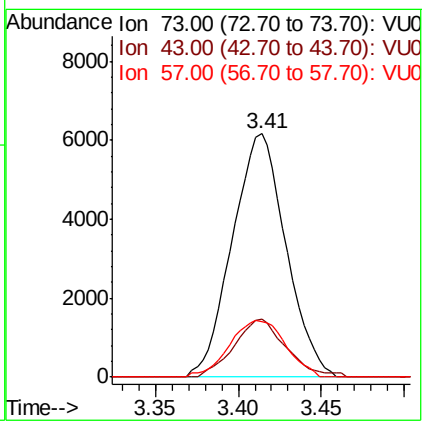


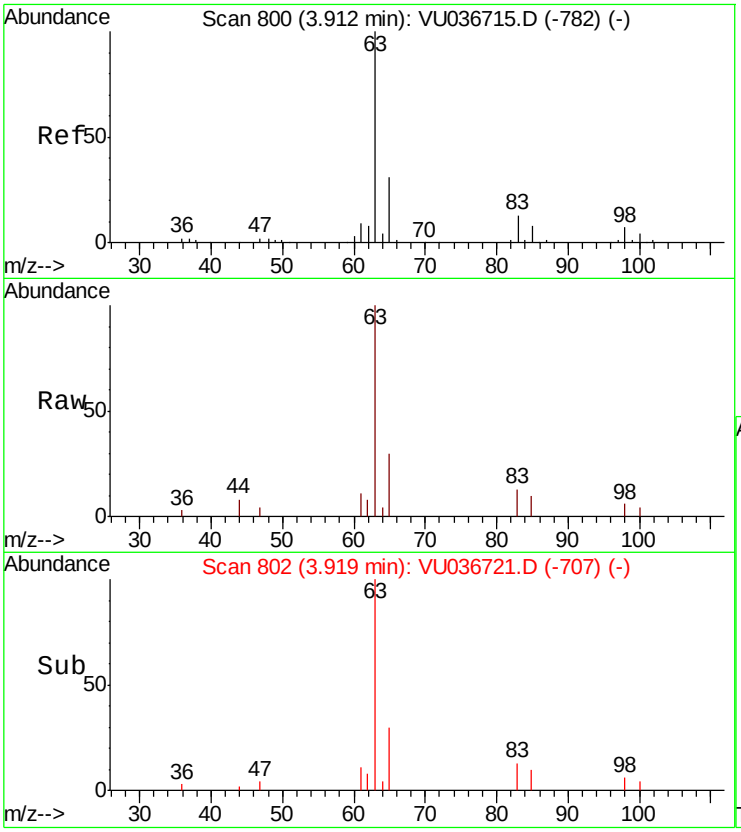


#18
Methyl tert-butyl Ether
Concen: 2.385 ug/L
RT: 3.41 min Scan# 645
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 73 Resp: 13897

Ion	Ratio	Lower	Upper
73	100		
43	23.0	18.6	28.0
57	24.4	18.3	27.5



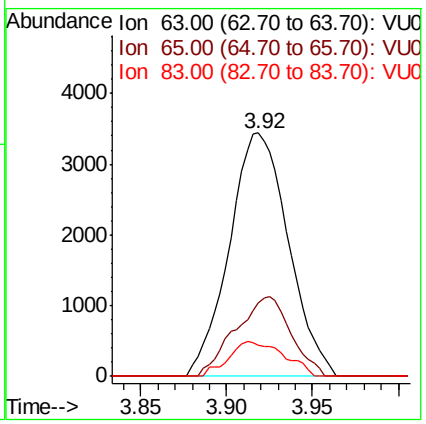


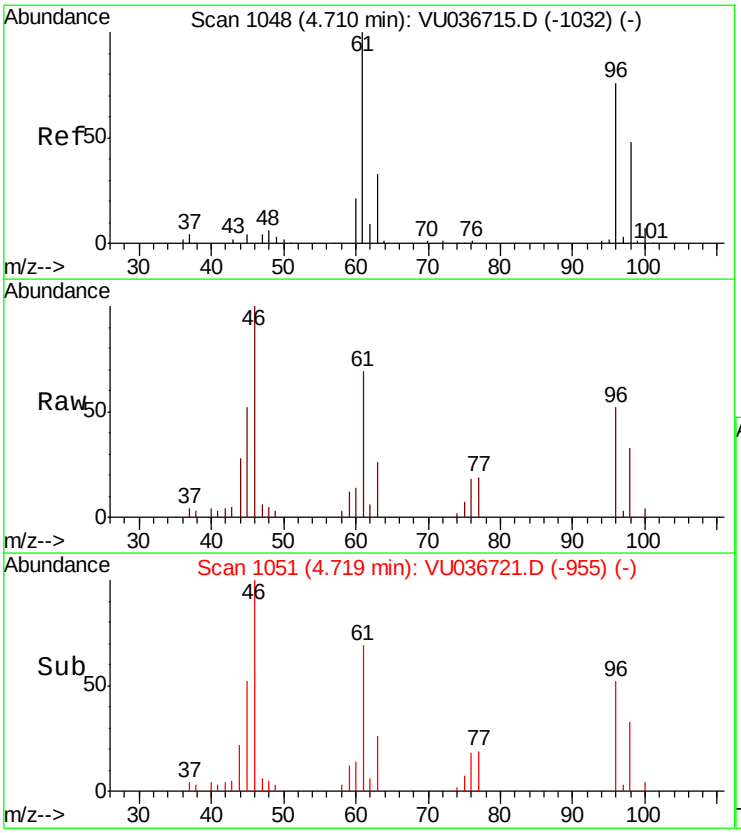
#19
1,1-Dichloroethane
Concen: 2.450 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8196

Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.0	40.8
83	12.9	10.1	18.7

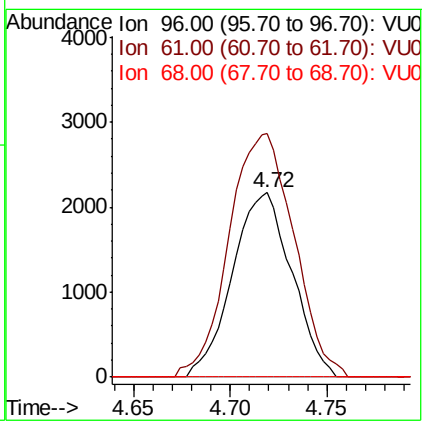


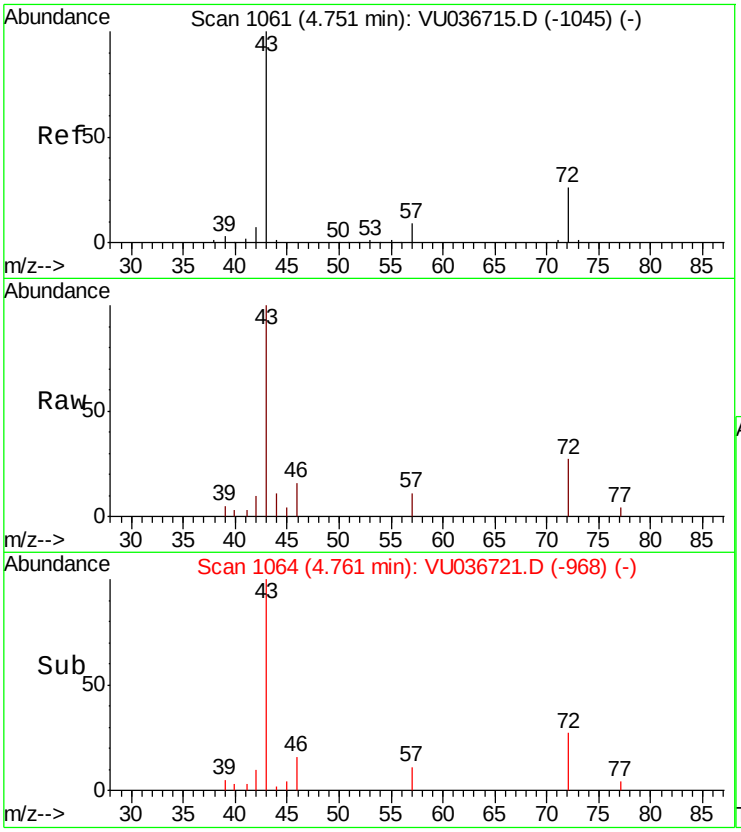


#20
cis-1,2-Dichloroethene
Concen: 2.427 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 96 Resp: 4643

Ion	Ratio	Lower	Upper
96	100		
61	132.2	93.3	173.3
68	0.0	0.0	0.0



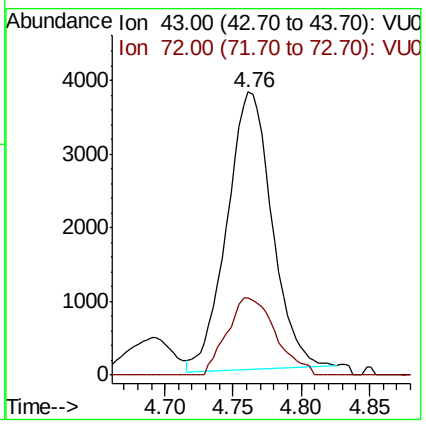


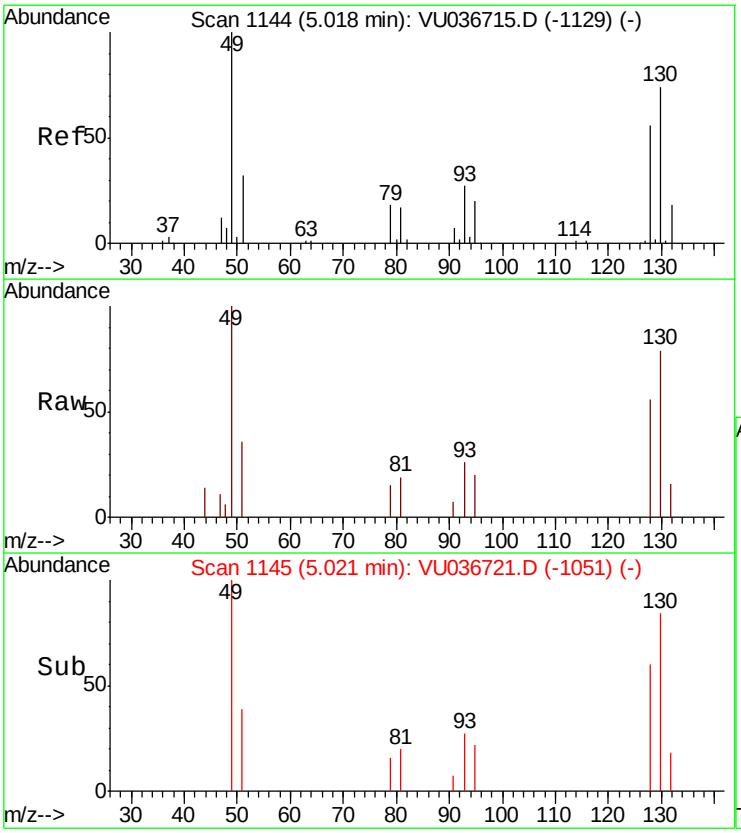
#22
2-Butanone
Concen: 4.649 ug/L
RT: 4.76 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 8614

Ion	Ratio	Lower	Upper
43	100		
72	30.0	13.6	40.7

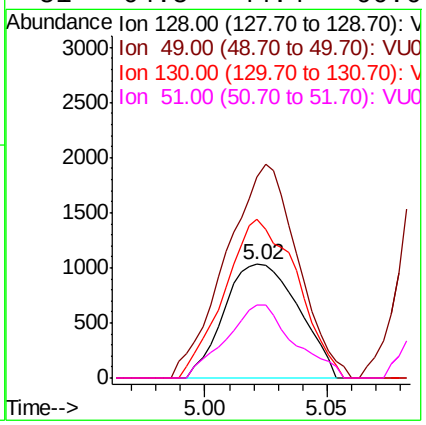


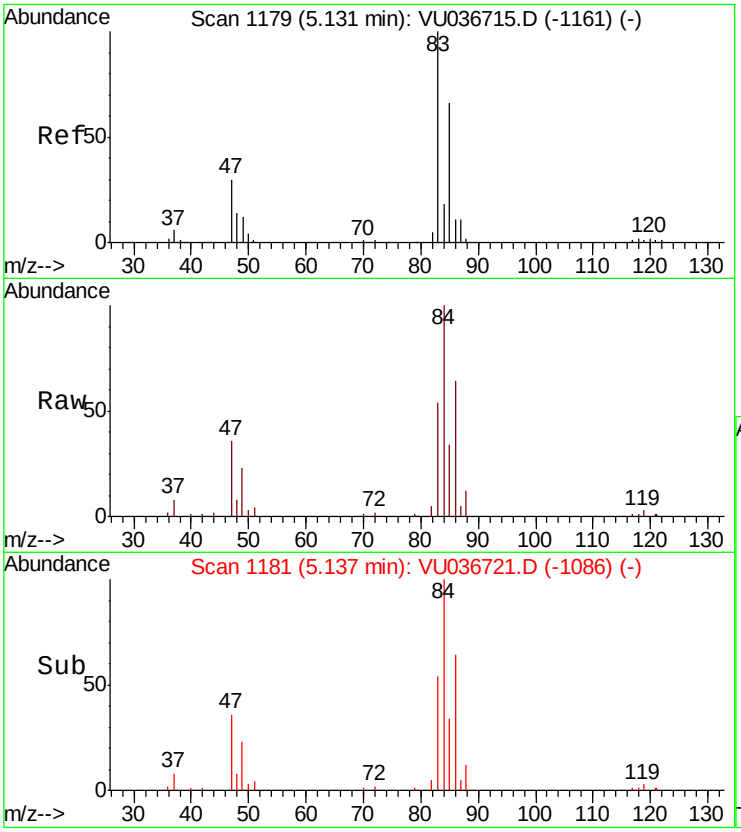


#23
Bromochloromethane
Concen: 2.442 ug/L
RT: 5.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:128 Resp: 2189

Ion	Ratio	Lower	Upper
128	100		
49	177.2	127.3	236.5
130	139.8	88.5	164.3
51	64.5	44.4	66.6



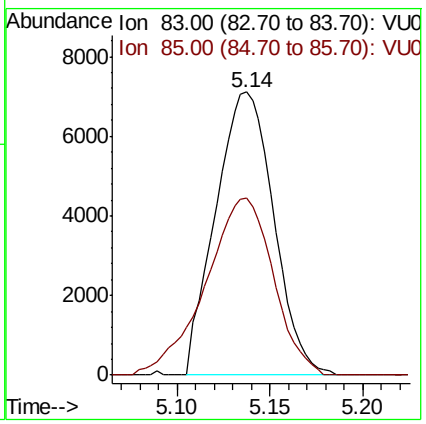


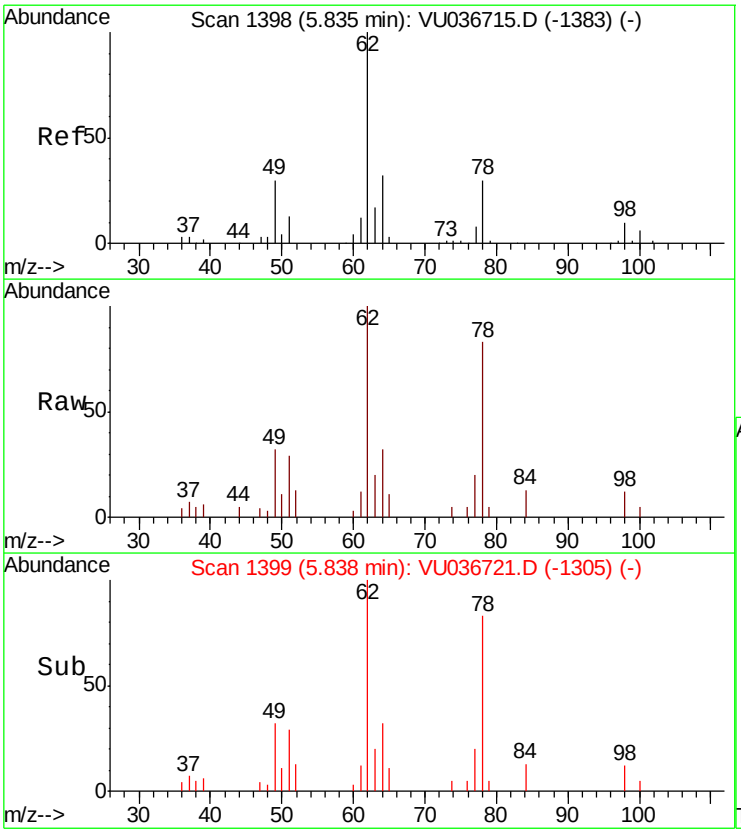
#25
Chloroform
Concen: 4.761 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 15486

Ion	Ratio	Lower	Upper
83	100		
85	62.4	44.6	82.8

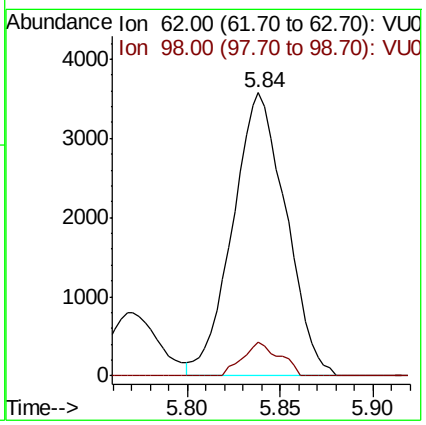


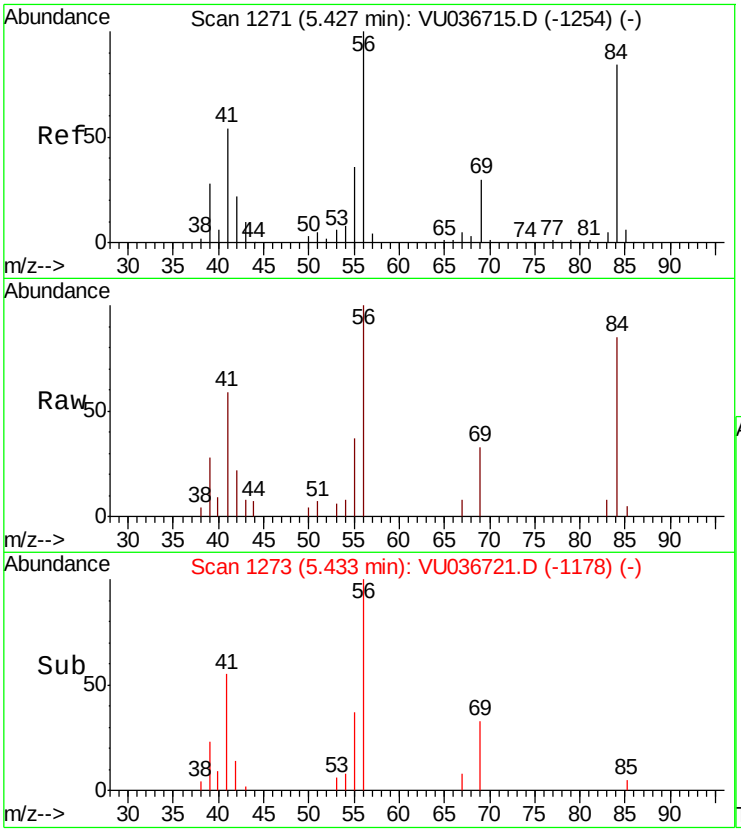


#27
1,2-Dichloroethane
Concen: 2.615 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 62 Resp: 7153

Ion	Ratio	Lower	Upper
62	100		
98	11.8	7.0	10.4#



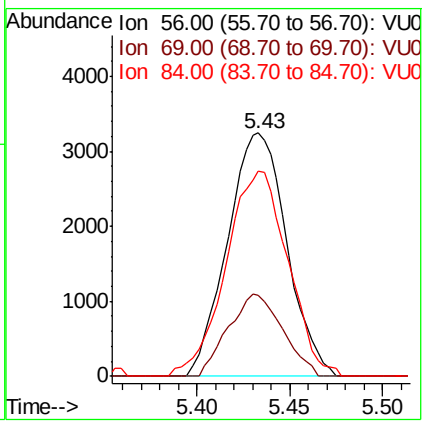


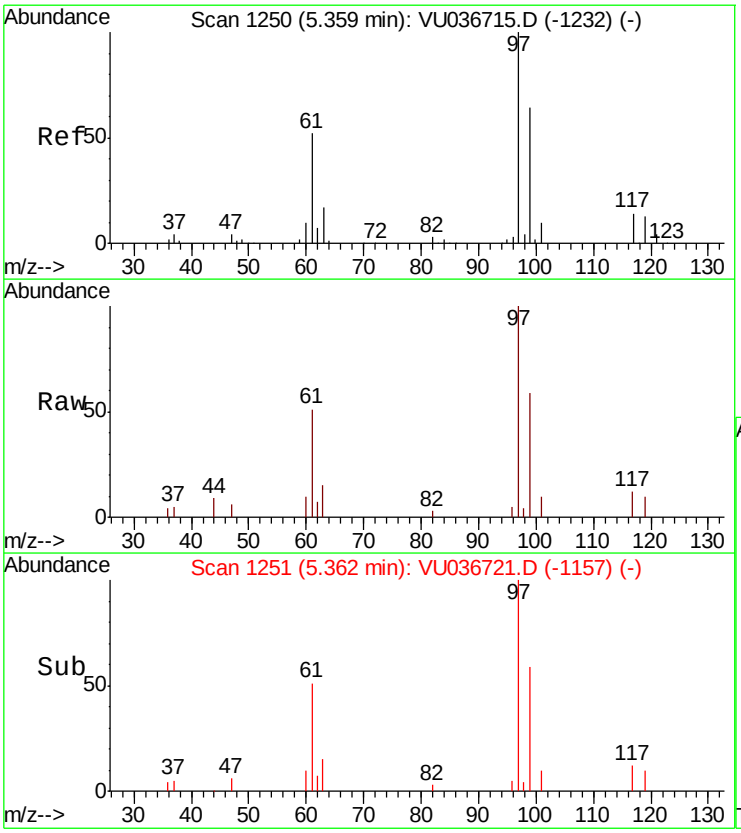
#29
Cyclohexane
Concen: 2.324 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 7195

Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.0	37.4
84	88.1	68.2	102.2

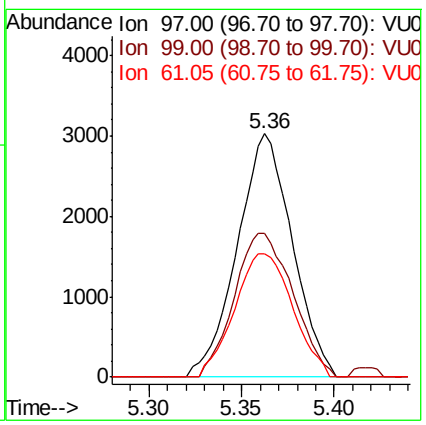


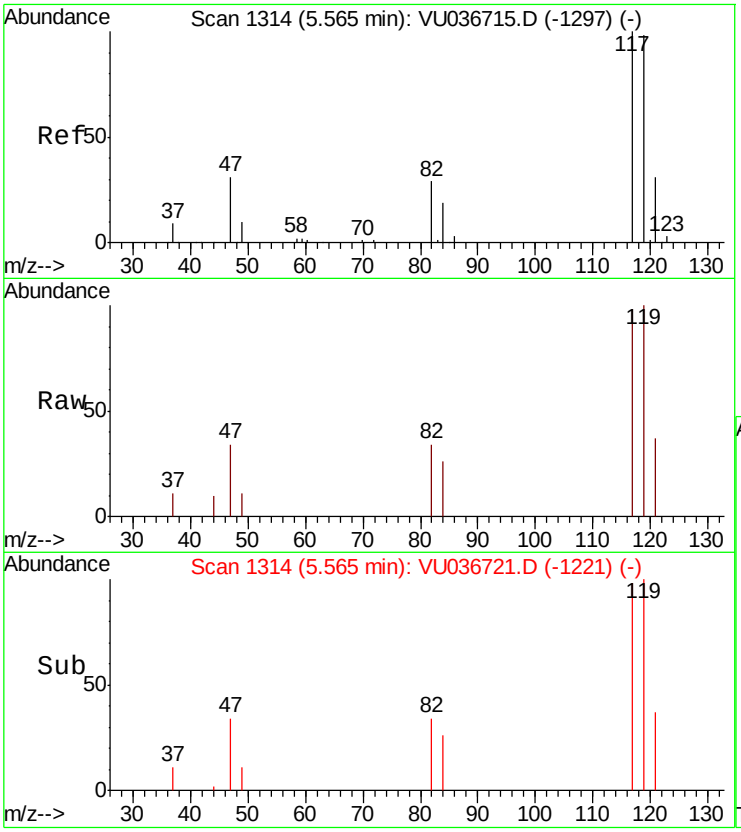


#30
1,1,1-Trichloroethane
Concen: 2.437 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 97 Resp: 6239

Ion	Ratio	Lower	Upper
97	100		
99	62.7	50.9	76.3
61	53.5	40.2	60.2



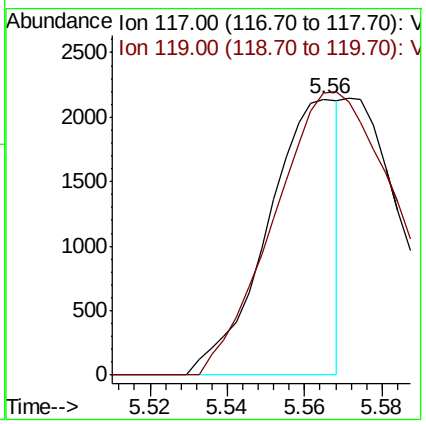


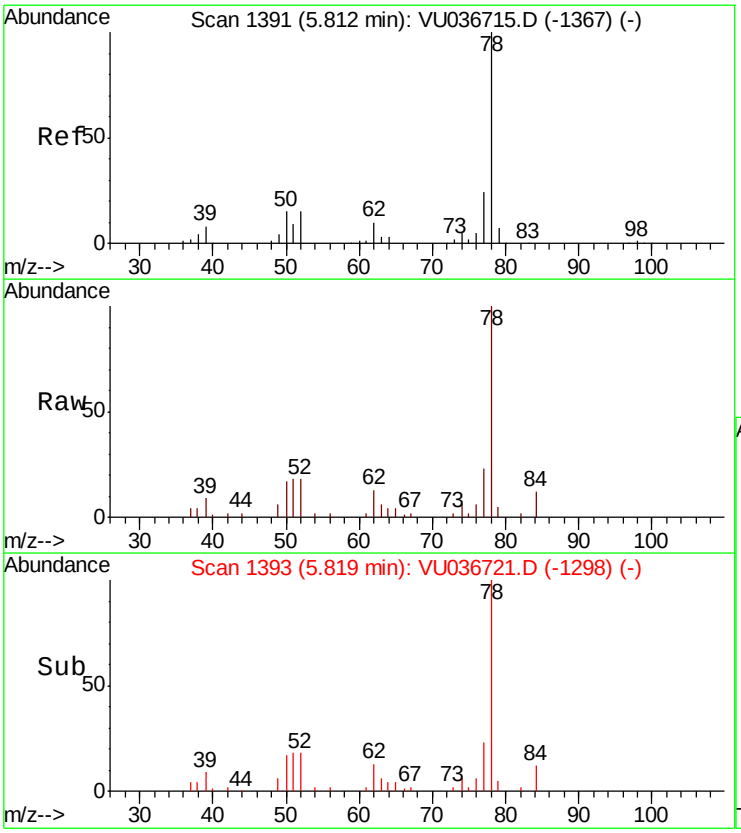
#31
Carbon tetrachloride
Concen: 1.309 ug/L
RT: 5.56 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 2714

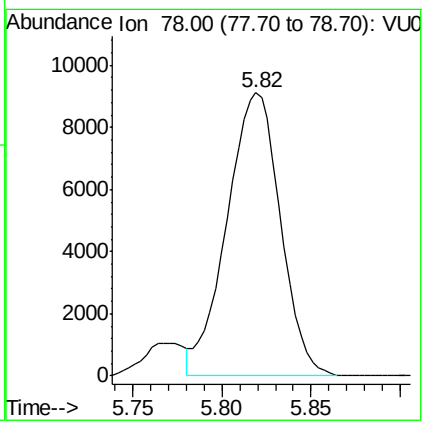
Ion	Ratio	Lower	Upper
117	100		
119	179.3	76.2	114.4#

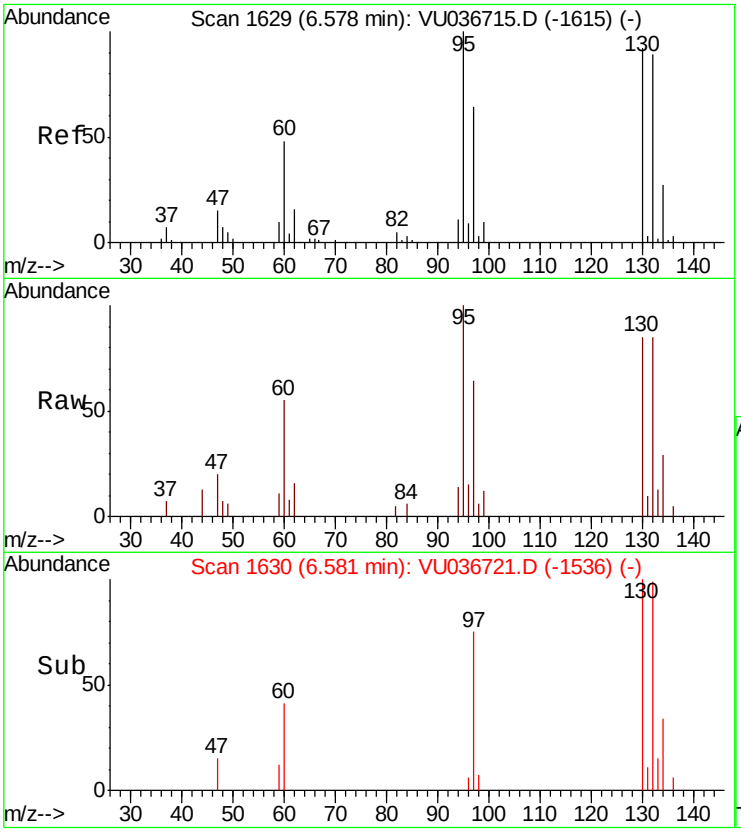




#33
Benzene
Concen: 2.621 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 78 Resp: 19106



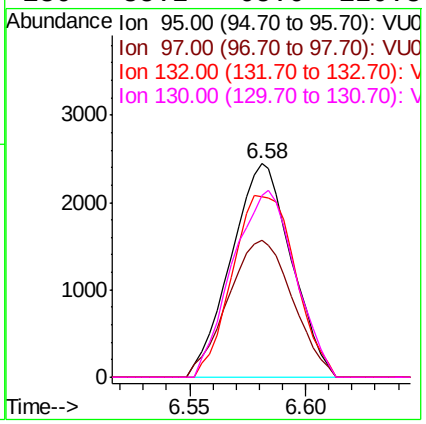


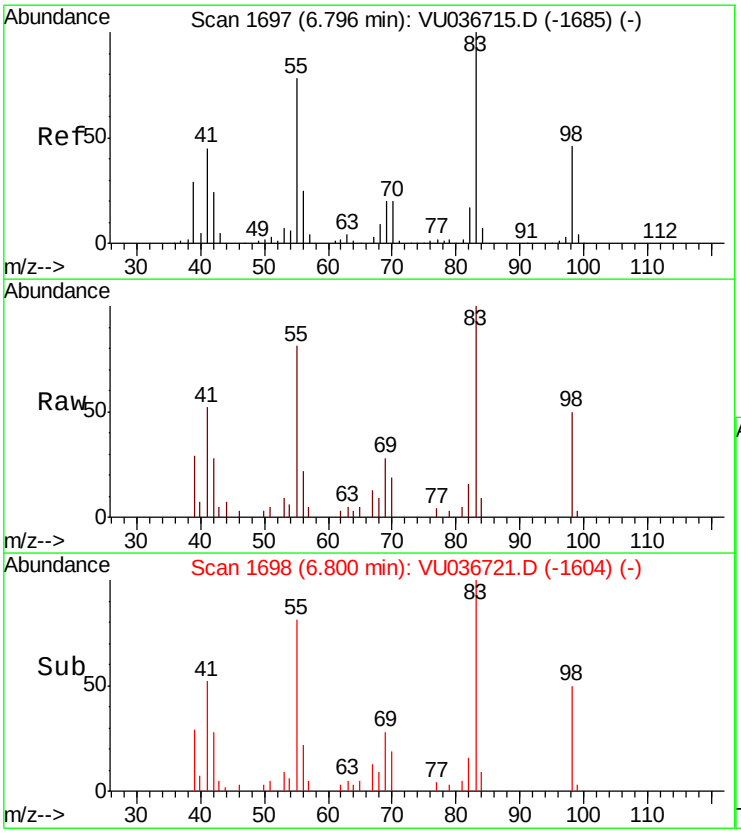
#34
Trichloroethene
Concen: 2.446 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4409

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.5	82.7
132	84.7	59.6	110.8
130	85.2	65.0	120.8

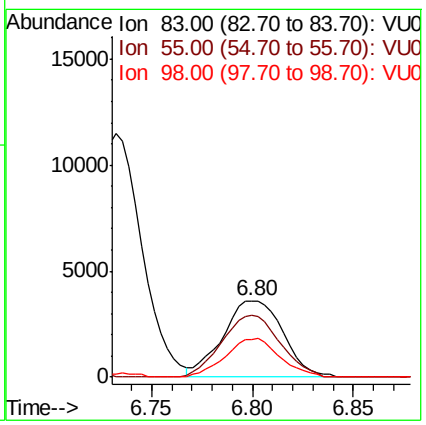


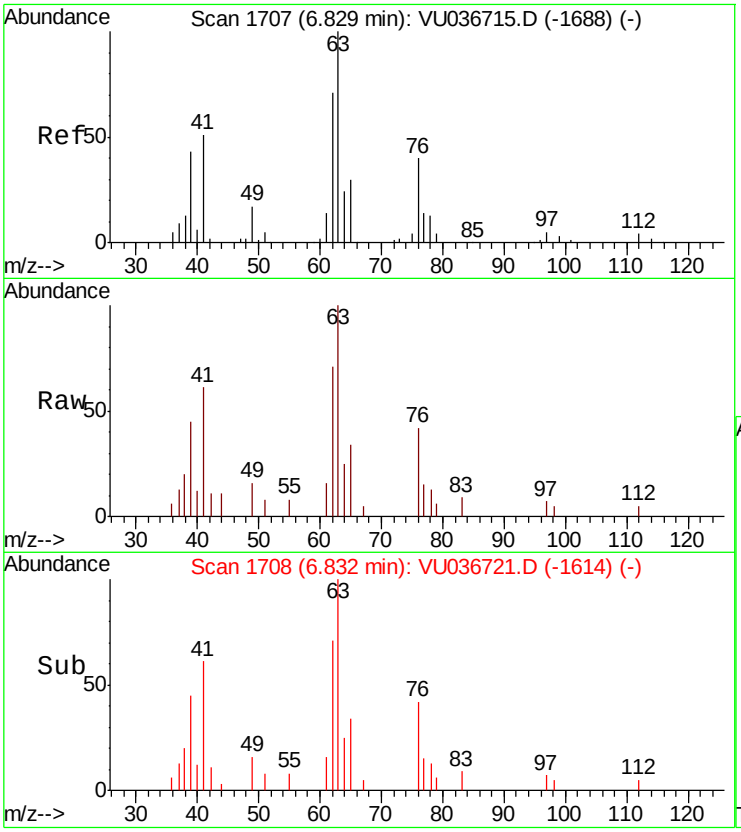


#35
Methylcyclohexane
Concen: 2.379 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 83 Resp: 7553

Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.2	91.8
98	45.3	35.4	53.0



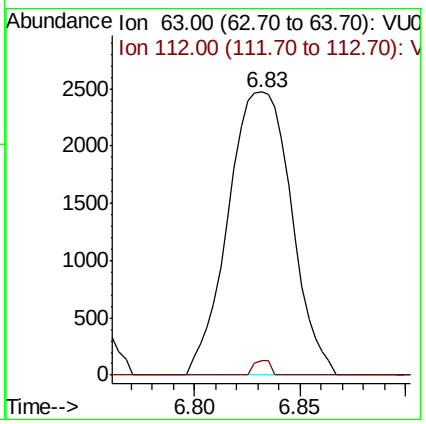


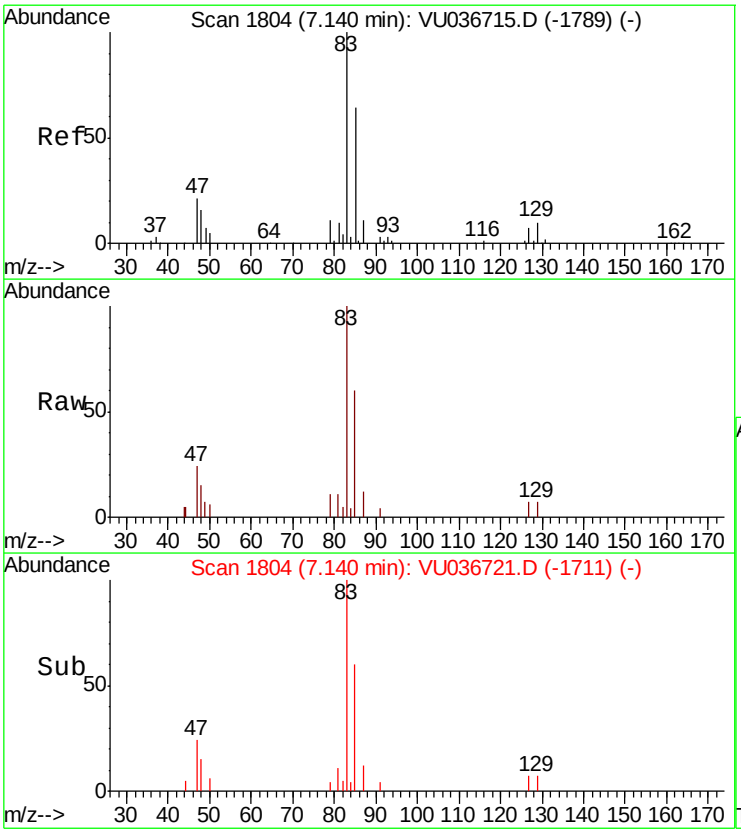
#37
1,2-Dichloropropane
Concen: 2.624 ug/L
RT: 6.83 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 5158

Ion	Ratio	Lower	Upper
63	100		
112	1.3	3.1	4.7#

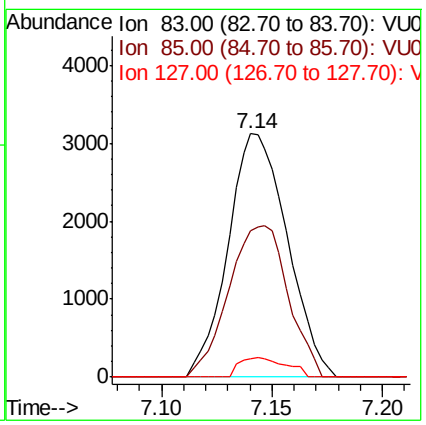


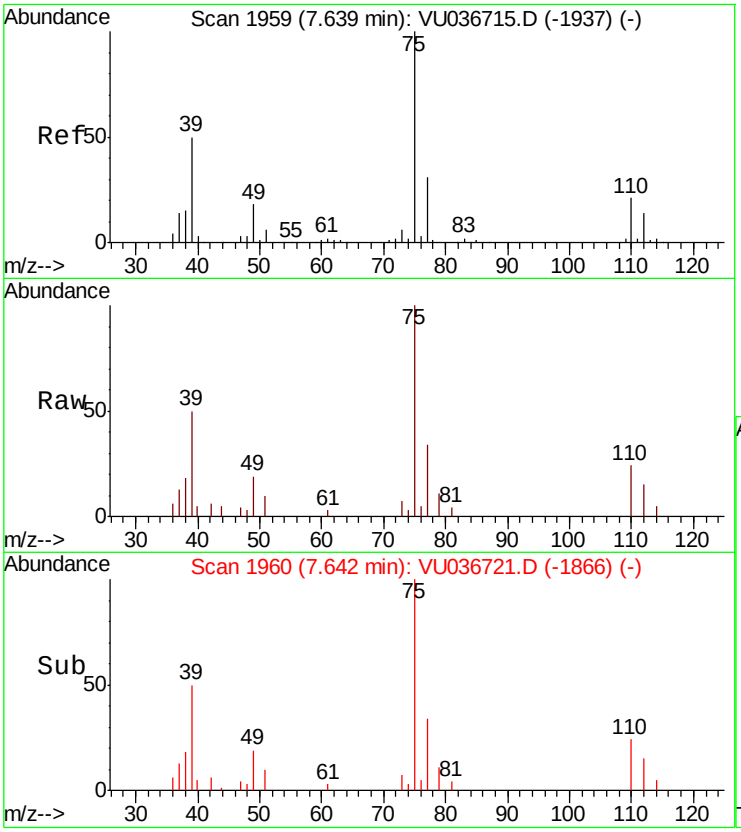


#38
Bromodichloromethane
Concen: 2.439 ug/L
RT: 7.14 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 83 Resp: 5825

Ion	Ratio	Lower	Upper
83	100		
85	59.8	43.9	81.5
127	7.3	6.0	9.0



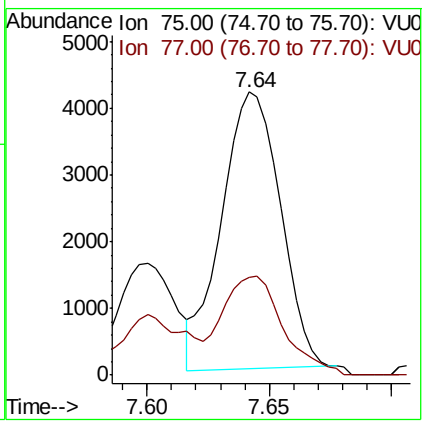


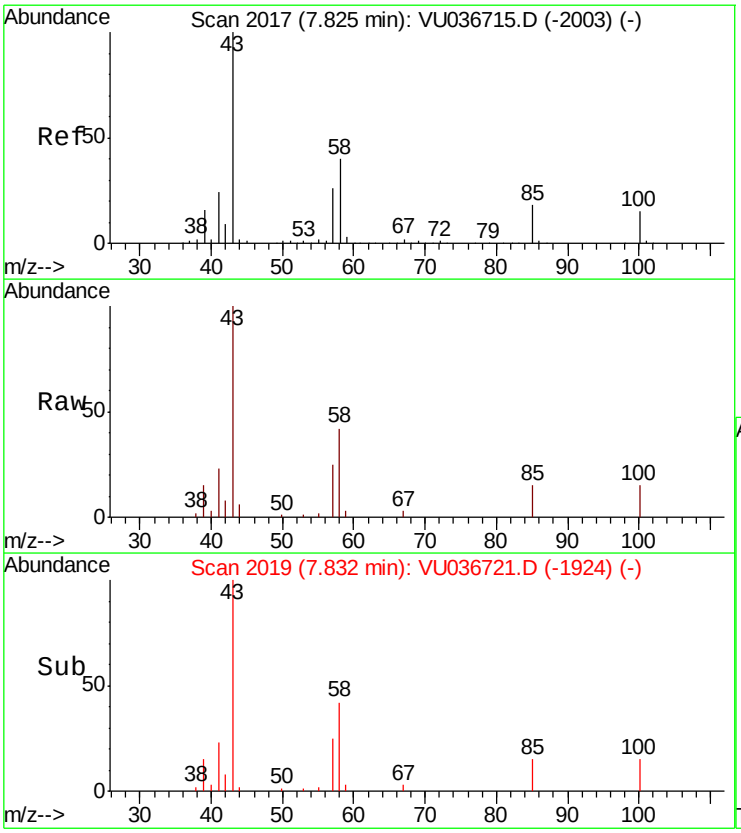
#39
cis-1,3-Dichloropropene
Concen: 2.220 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6973

Ion	Ratio	Lower	Upper
75	100		
77	34.5	22.3	41.5

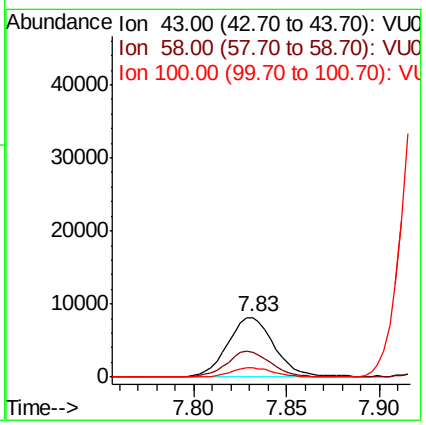


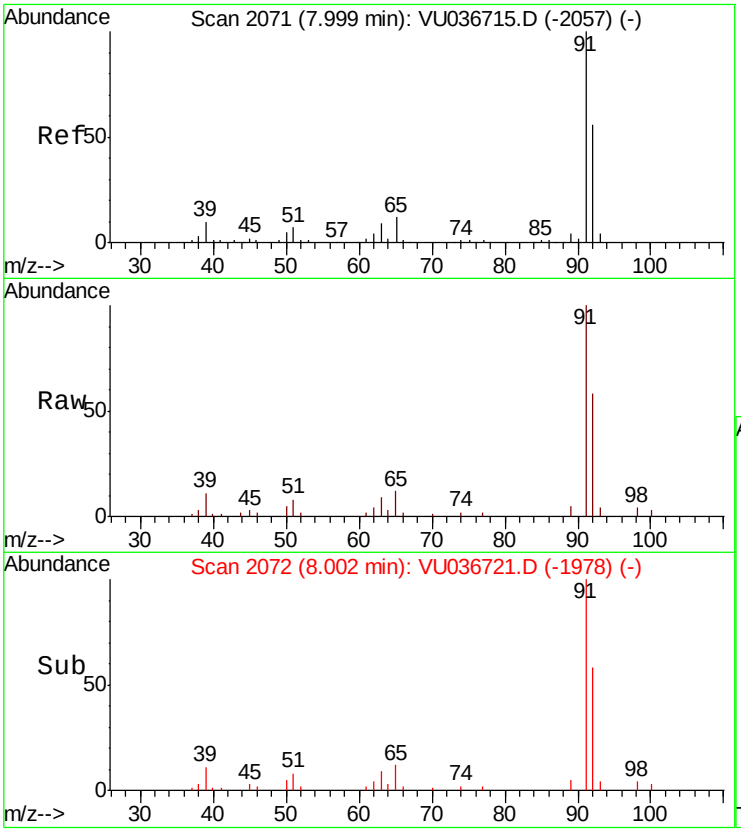


#40
4-Methyl-2-pentanone
Concen: 4.597 ug/L
RT: 7.83 min Scan# 2019
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 43 Resp: 14275

Ion	Ratio	Lower	Upper
43	100		
58	41.2	31.0	46.6
100	14.1	11.4	17.2



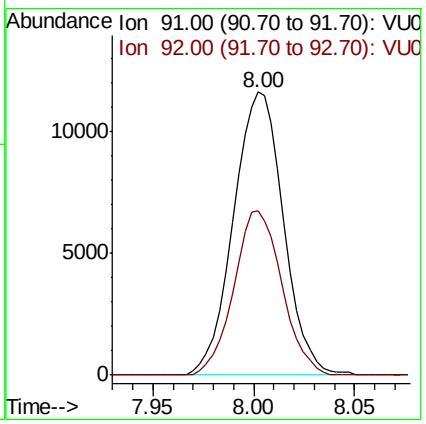


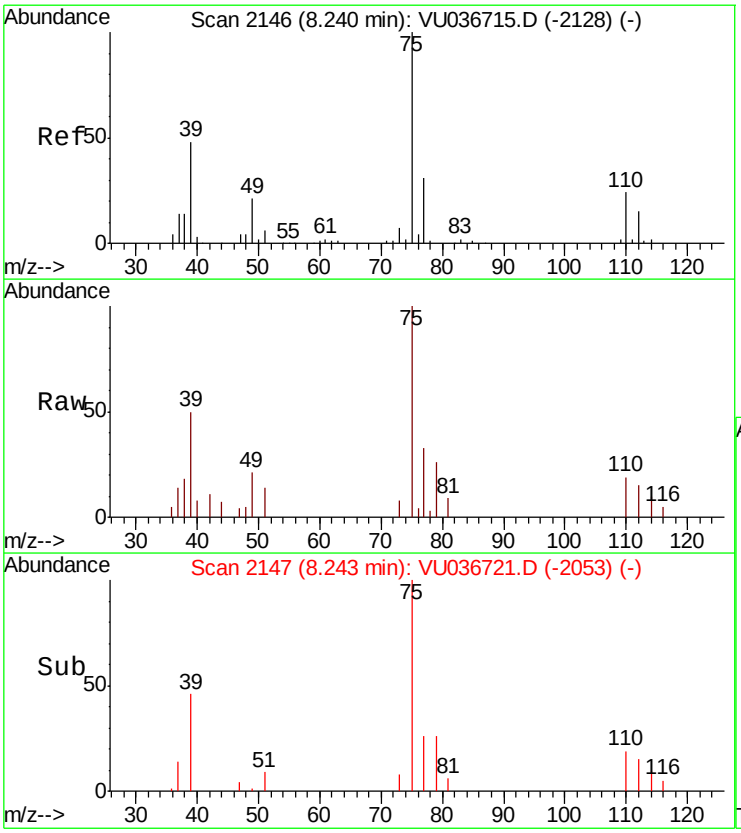
#42
Toluene
Concen: 2.559 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 20155

Ion	Ratio	Lower	Upper
91	100		
92	58.0	39.5	73.3

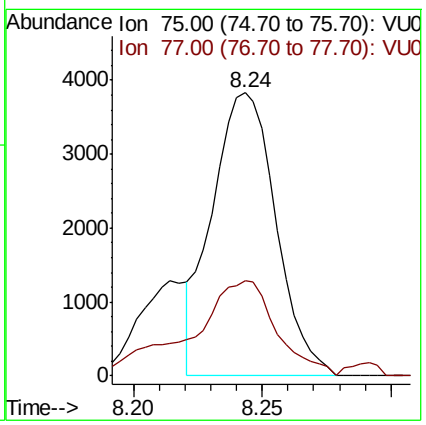


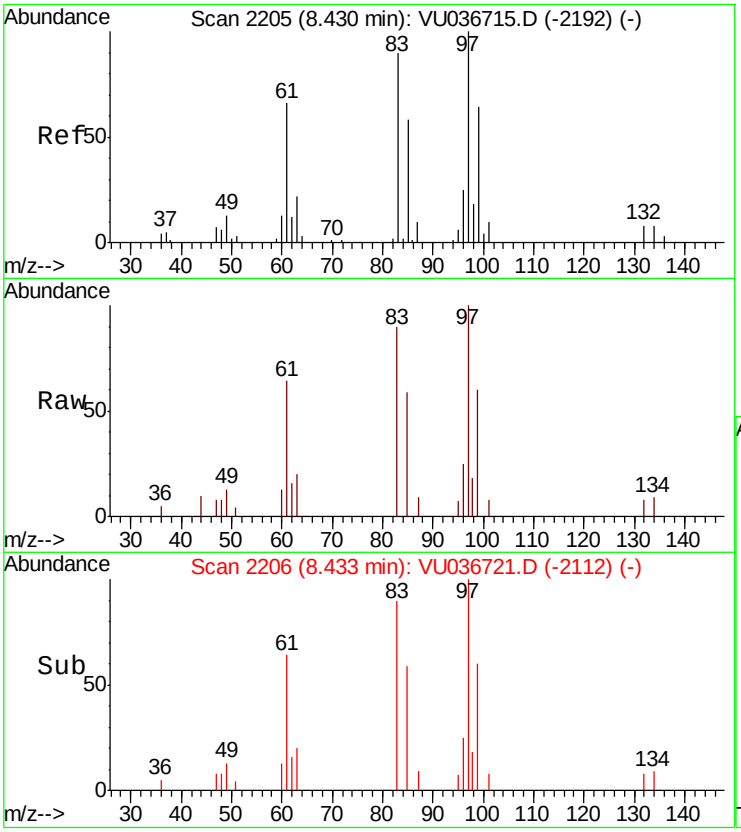


#44
trans-1,3-Dichloropropene
Concen: 2.405 ug/L
RT: 8.24 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 75 Resp: 6598

Ion	Ratio	Lower	Upper
75	100		
77	33.4	22.6	42.0



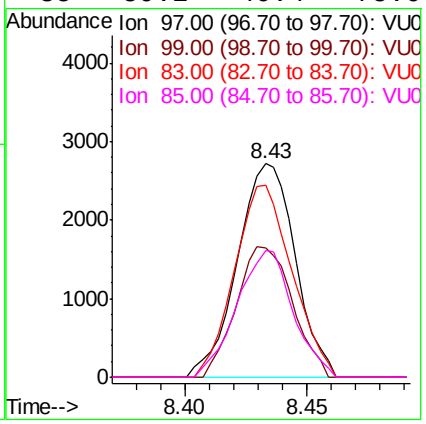


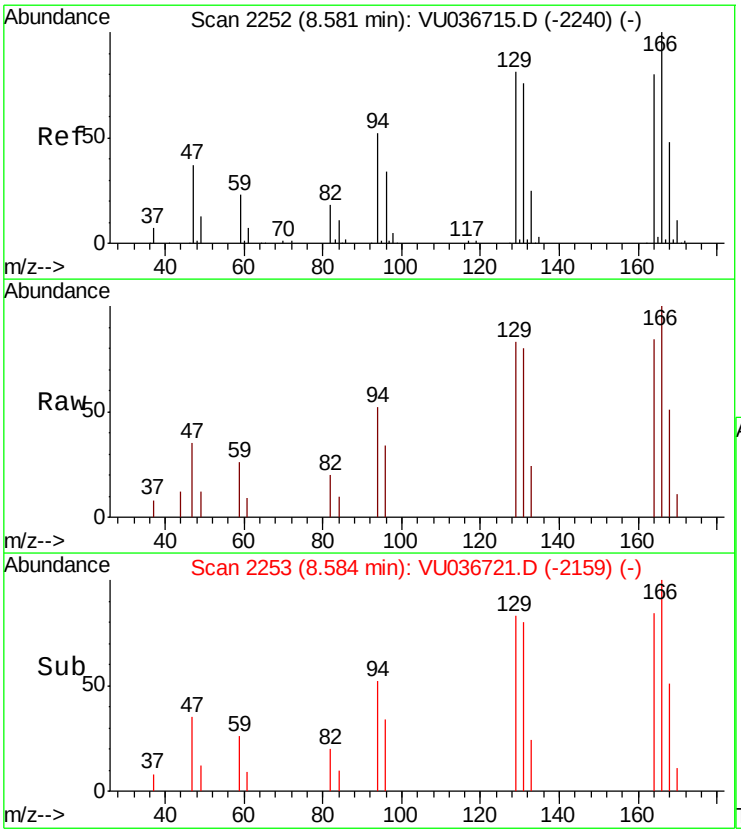
#45
1,1,2-Trichloroethane
Concen: 2.484 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4454

Ion	Ratio	Lower	Upper
97	100		
99	60.3	42.6	79.0
83	90.1	61.1	113.5
85	59.2	40.4	75.0

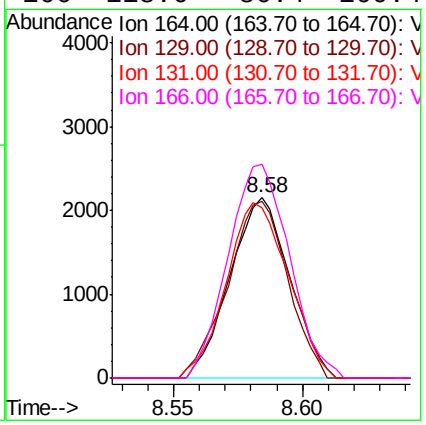


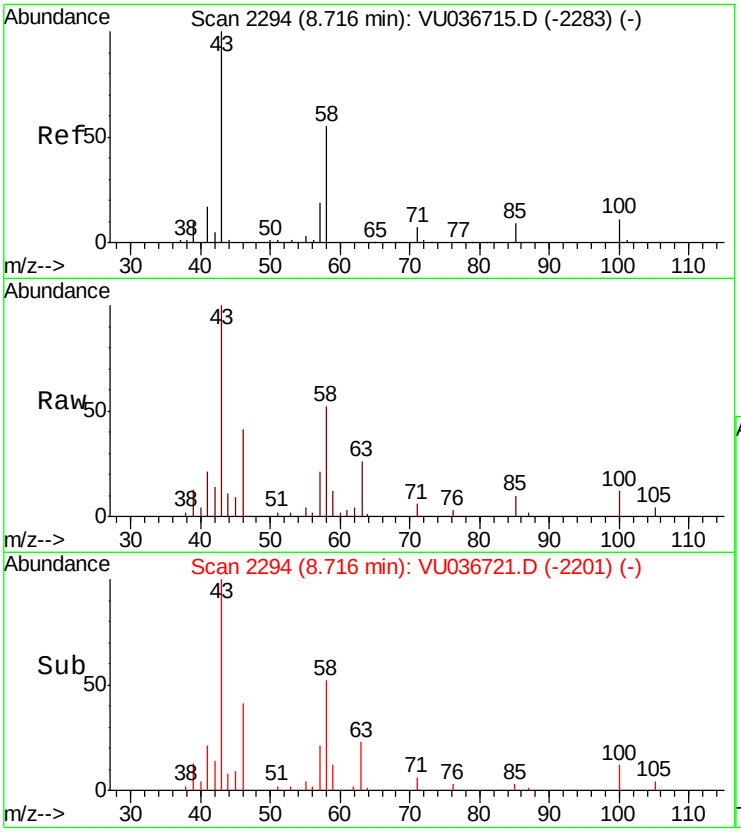


#46
Tetrachloroethene
Concen: 2.756 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:164 Resp: 3486

Ion	Ratio	Lower	Upper
164	100		
129	97.9	71.0	131.9
131	94.6	66.6	123.6
166	118.6	86.4	160.4



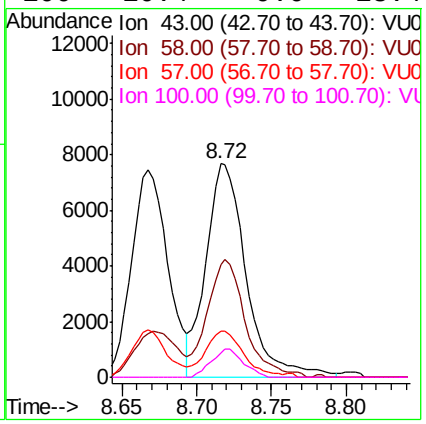


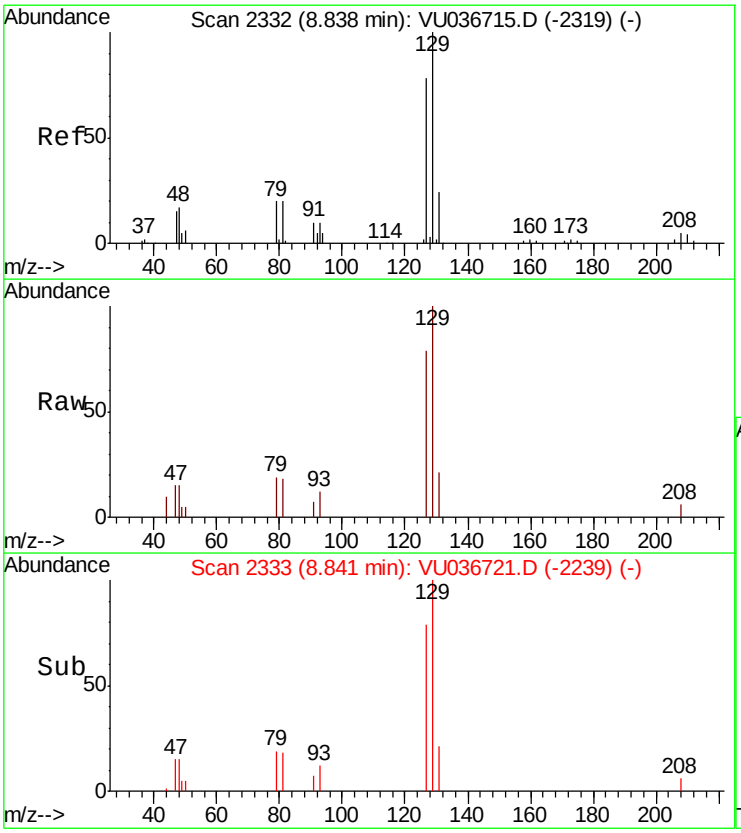
#48
2-Hexanone
Concen: 5.691 ug/L
RT: 8.72 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 14417

Ion	Ratio	Lower	Upper
43	100		
58	52.1	43.6	65.4
57	20.7	15.5	23.3
100	10.4	9.0	13.4

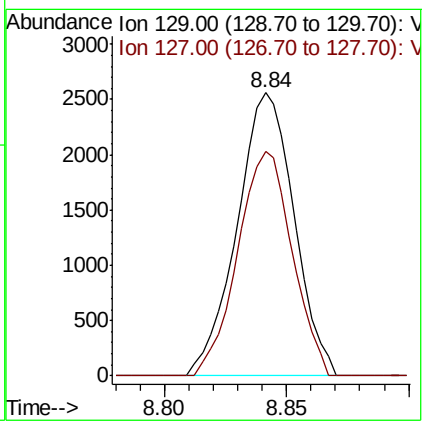


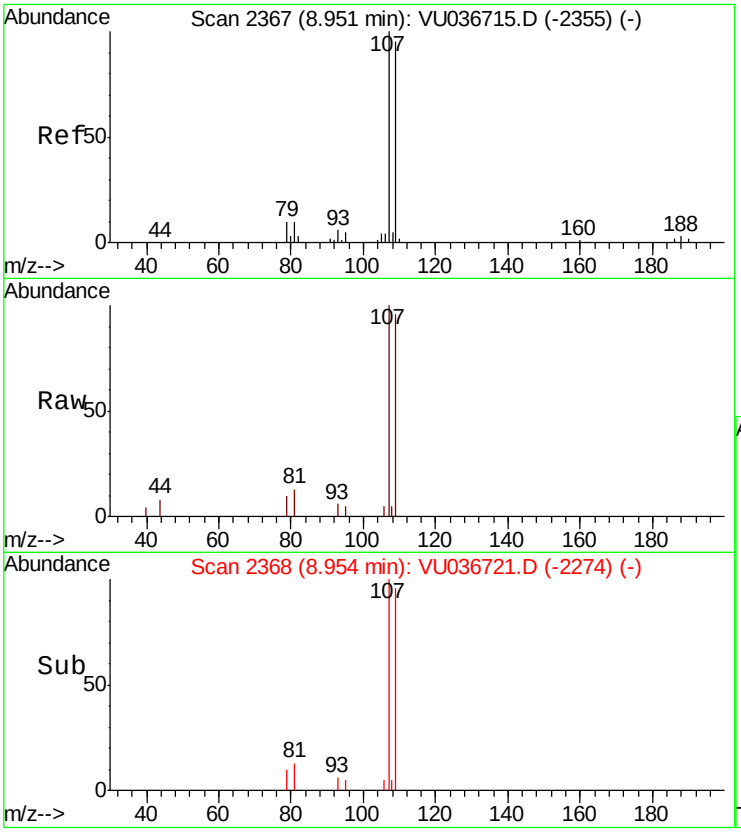


#49
Dibromochloromethane
Concen: 2.367 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:129 Resp: 4152

Ion	Ratio	Lower	Upper
129	100		
127	79.3	53.6	99.6



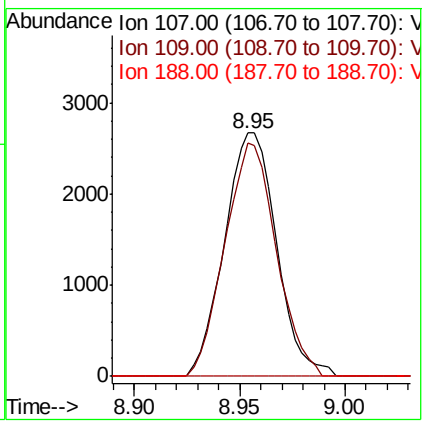


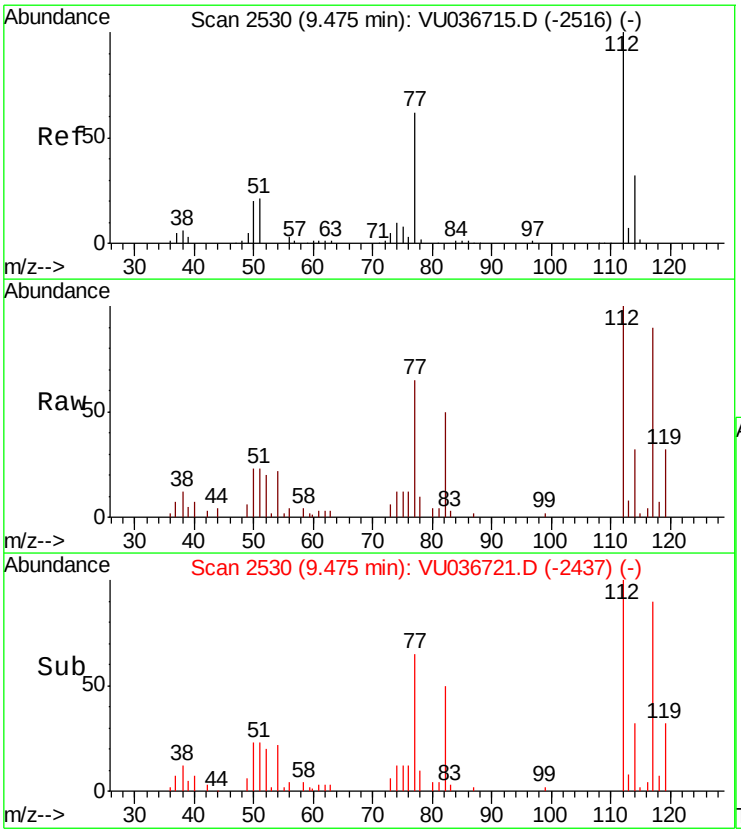
#50
1,2-Dibromoethane
Concen: 2.436 ug/L
RT: 8.95 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:107 Resp: 4588

Ion	Ratio	Lower	Upper
107	100		
109	95.7	65.8	122.2
188	0.0	2.5	3.7#

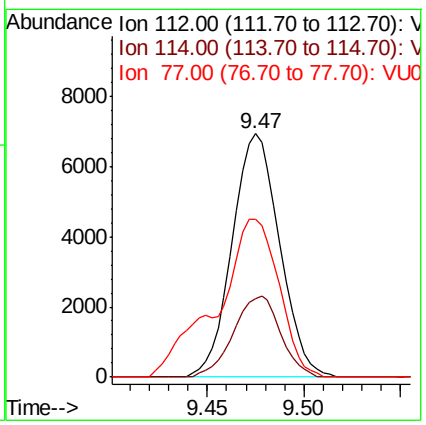


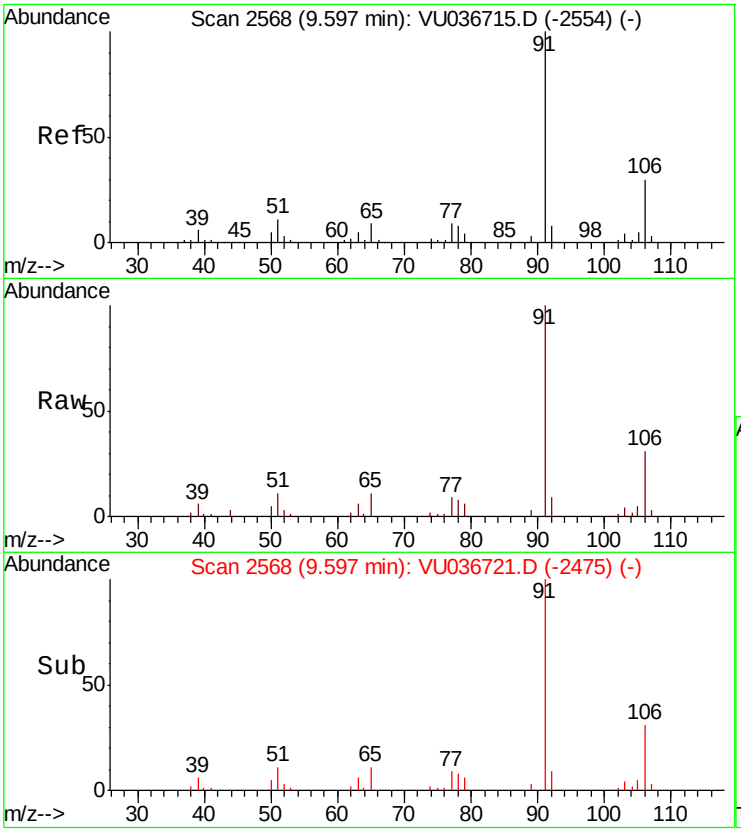


#51
Chlorobenzene
Concen: 2.502 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:112 Resp: 11865

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.1
77	65.0	50.6	75.8



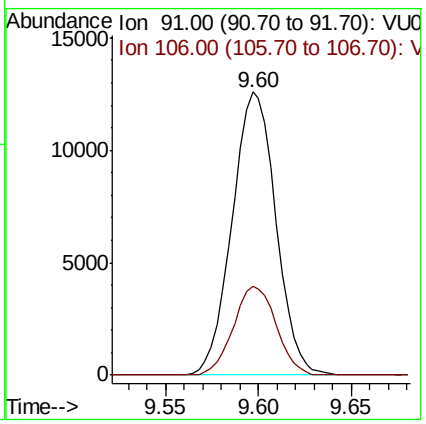


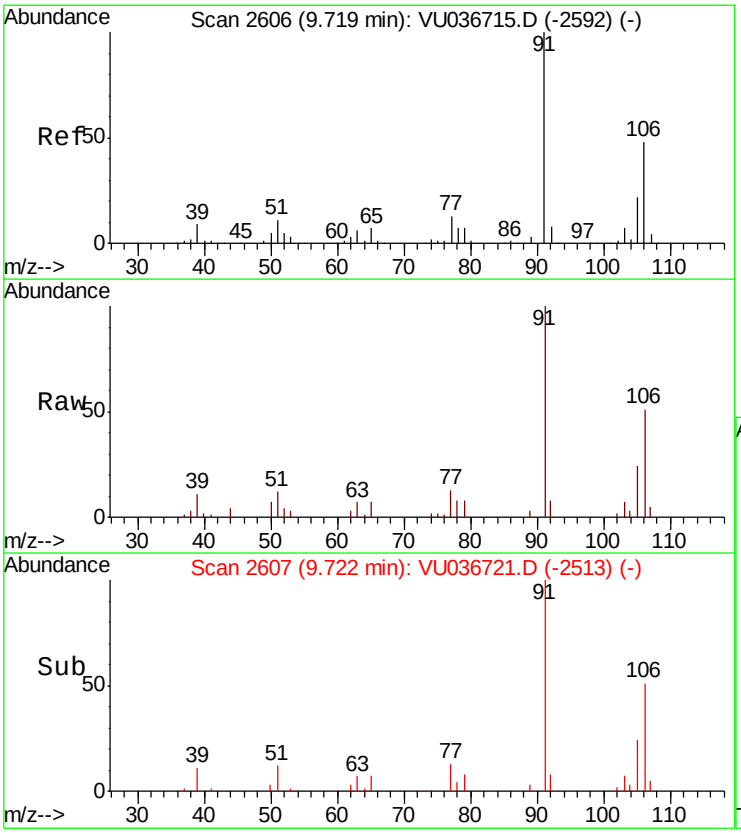
#52
Ethylbenzene
Concen: 2.382 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 20612

Ion	Ratio	Lower	Upper
91	100		
106	31.5	21.3	39.6

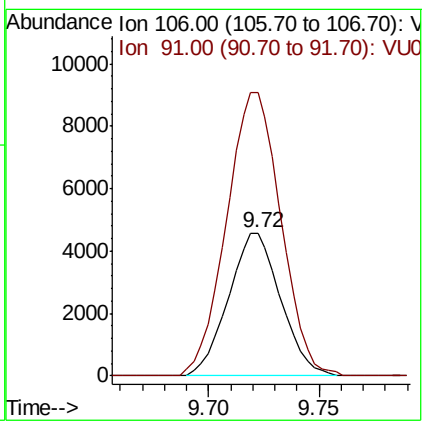


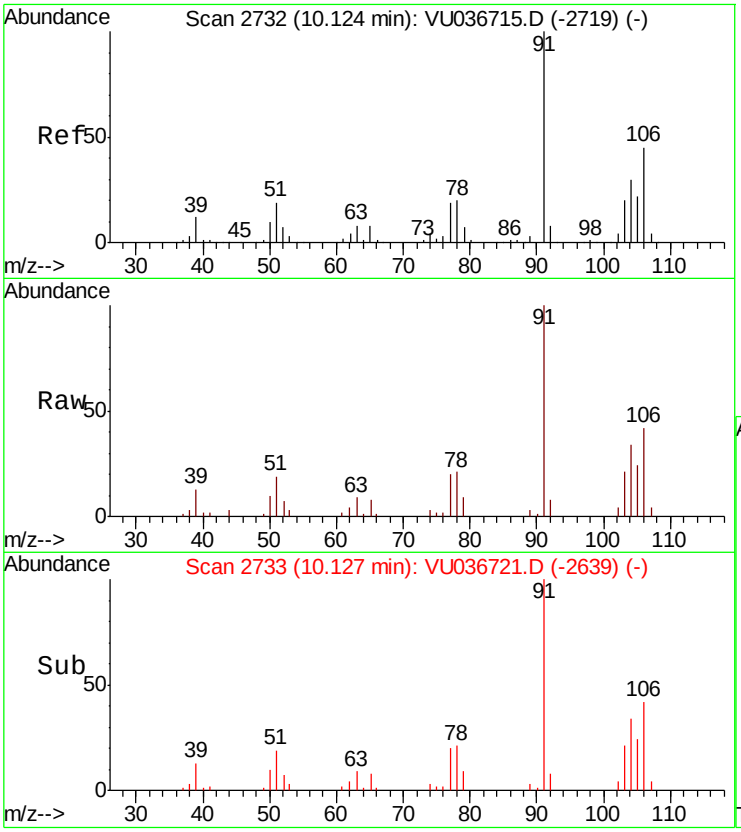


#53
m,p-Xylene
Concen: 2.350 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:106 Resp: 7504

Ion	Ratio	Lower	Upper
106	100		
91	197.7	145.9	270.9



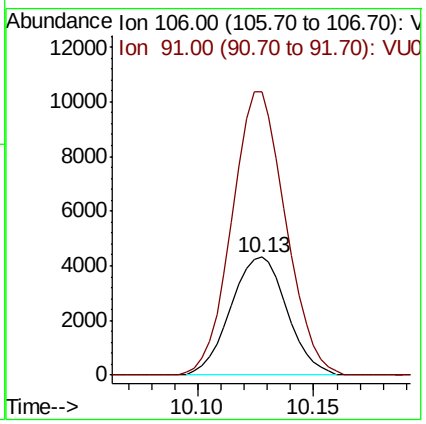


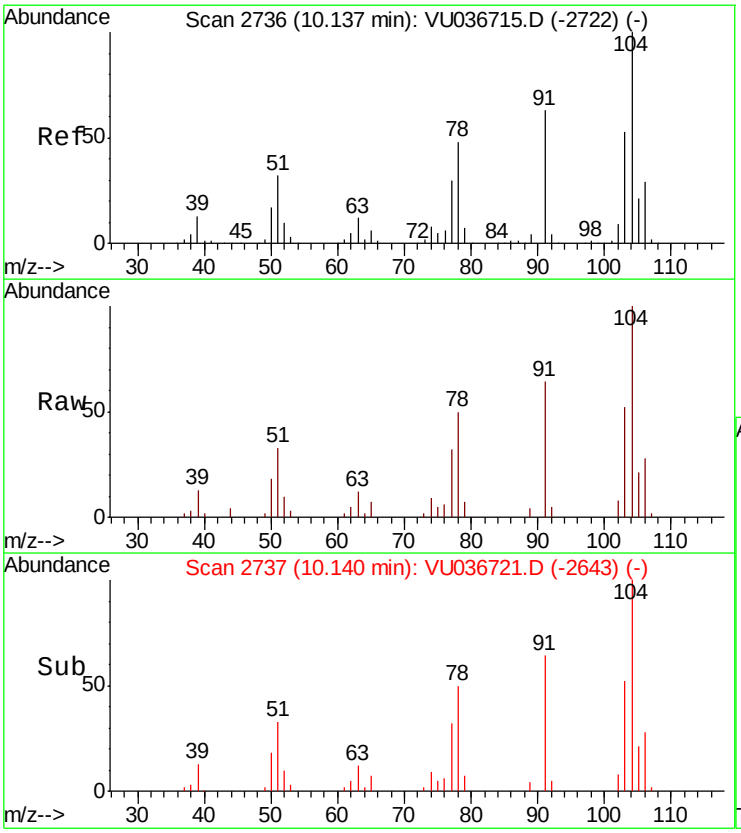
#54
o-xylene
Concen: 2.296 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 7260

Ion	Ratio	Lower	Upper
106	100		
91	240.2	156.0	289.6

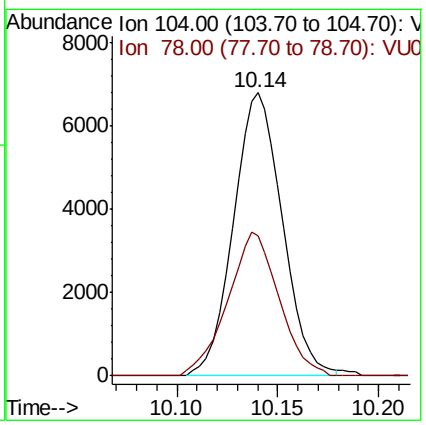


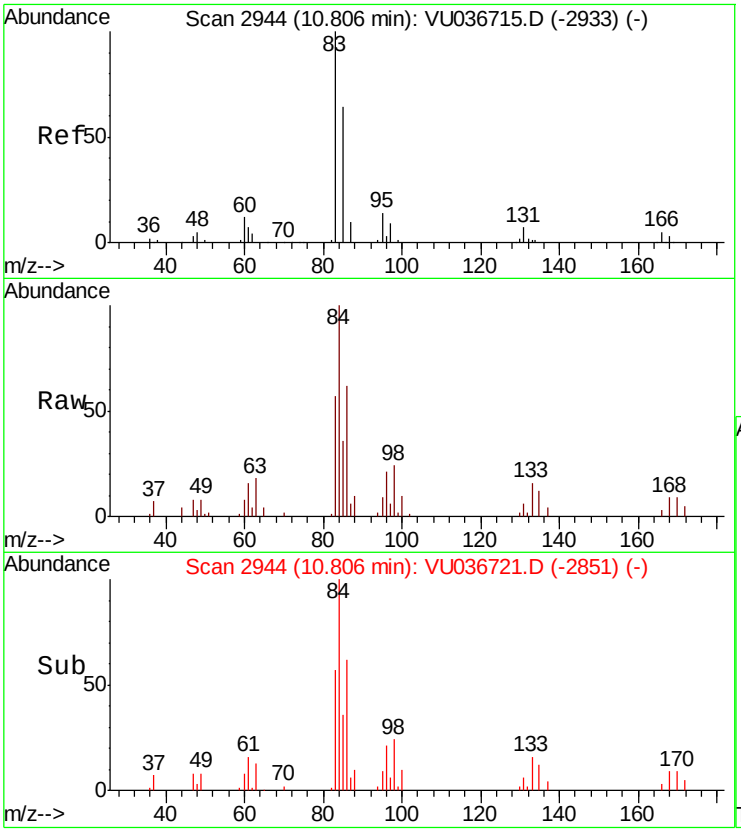


#55
Styrene
Concen: 2.181 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:104 Resp: 11498

Ion	Ratio	Lower	Upper
104	100		
78	49.6	33.7	62.7



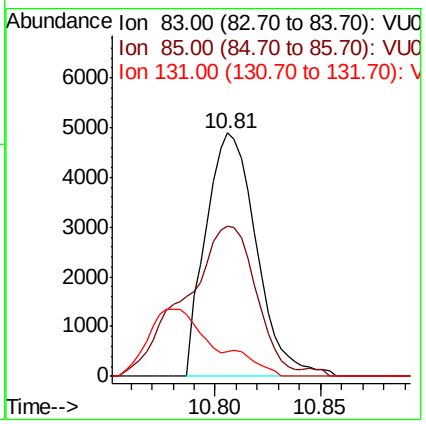


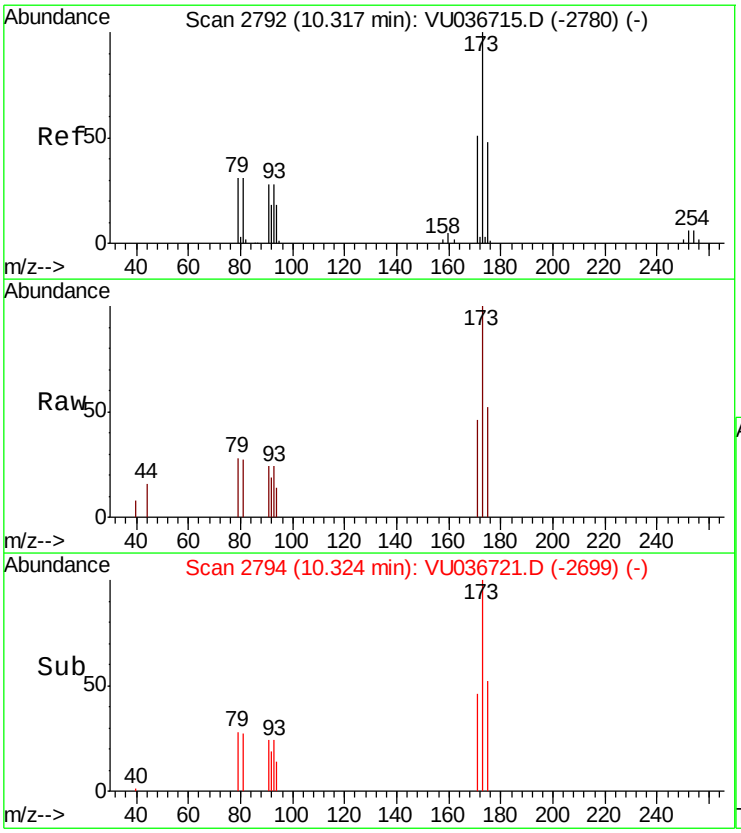
#57
1,1,2,2-Tetrachloroethane
Concen: 2.518 ug/L
RT: 10.81 min Scan# 2944
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 8137

Ion	Ratio	Lower	Upper
83	100		
85	61.8	44.7	82.9
131	10.2	6.8	10.2#

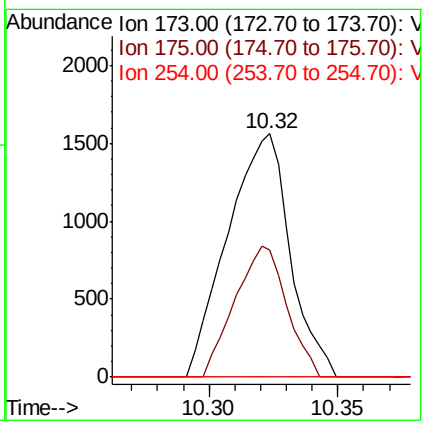


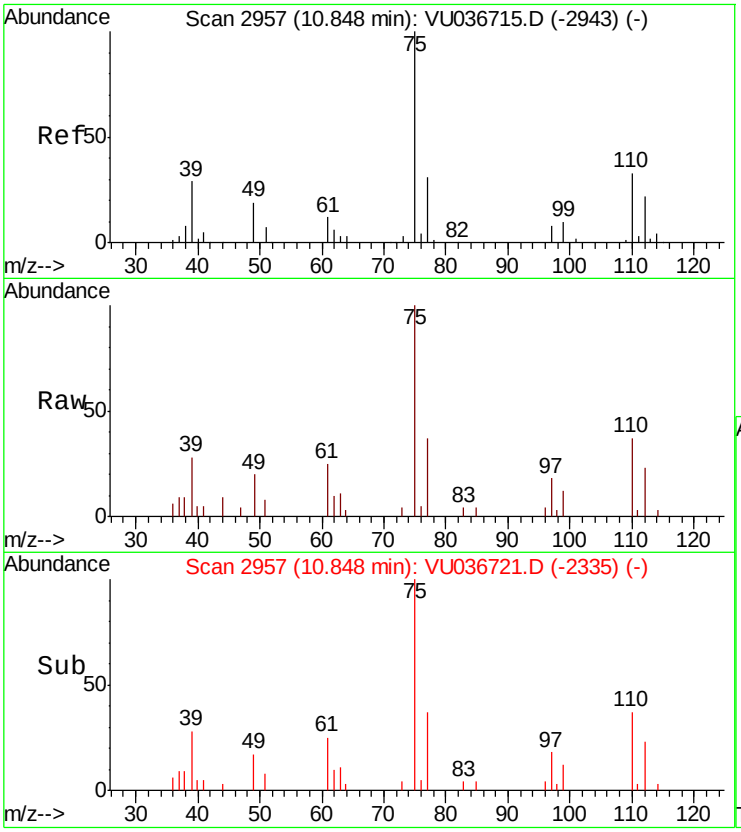


#59
Bromoform
Concen: 2.341 ug/L
RT: 10.32 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:173 Resp: 2635

Ion	Ratio	Lower	Upper
173	100		
175	44.5	38.2	57.4
254	0.0	4.8	7.2#



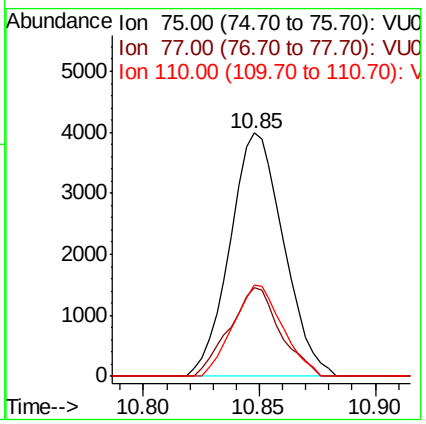


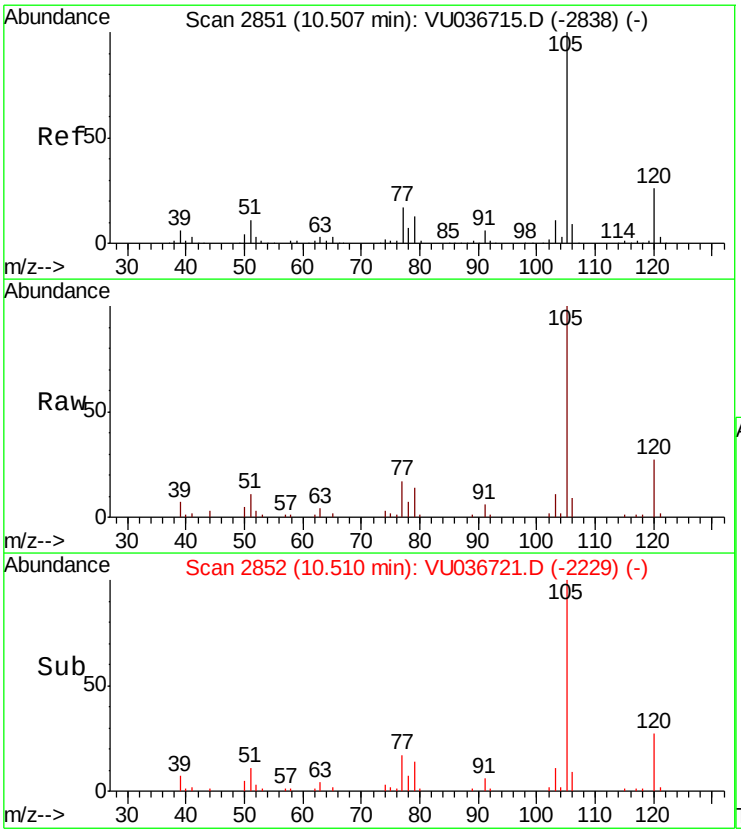
#60
1,2,3-Trichloropropane
Concen: 2.674 ug/L
RT: 10.85 min Scan# 2957
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6409

Ion	Ratio	Lower	Upper
75	100		
77	34.4	26.1	39.1
110	34.5	26.9	40.3

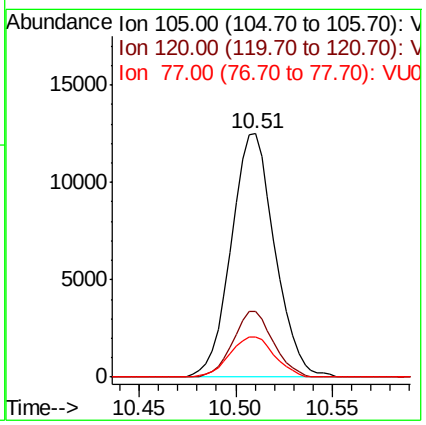


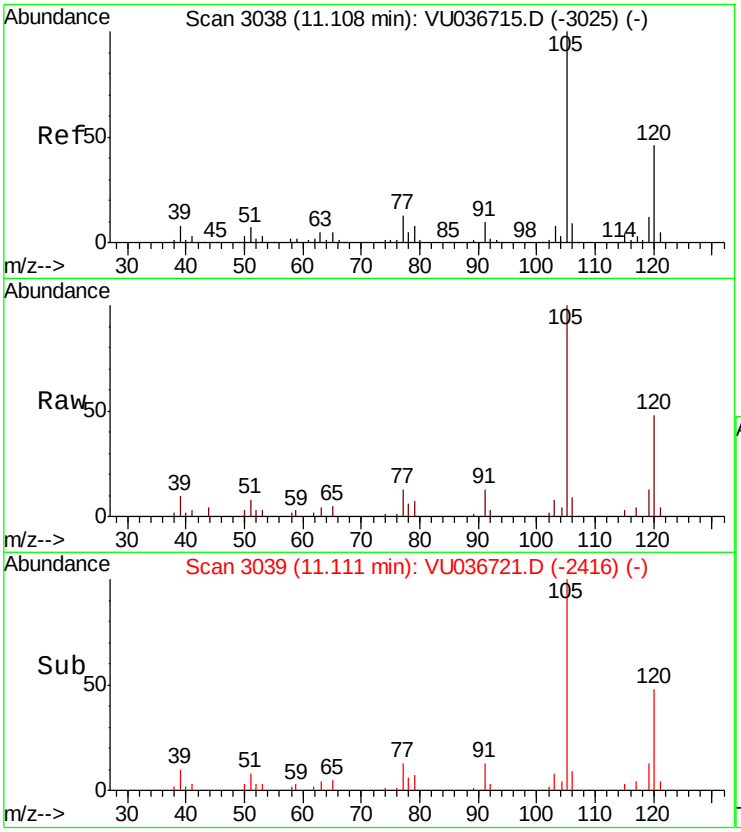


#61
Isopropylbenzene
Concen: 2.581 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:105 Resp: 19581

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.2	30.4
77	17.1	13.0	19.6



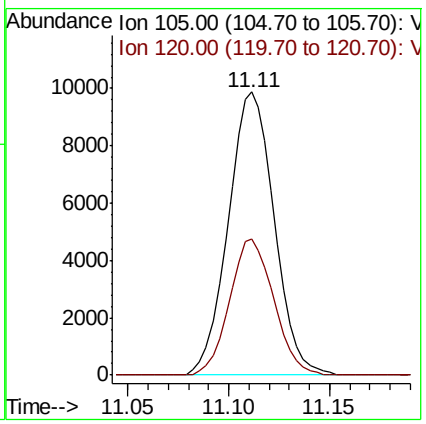


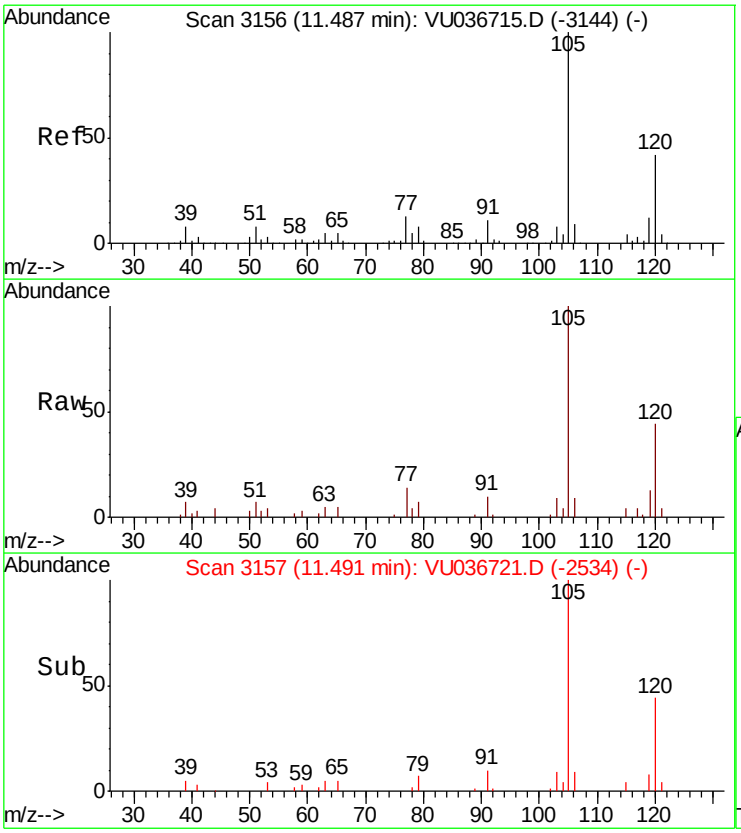
#62
1,3,5-Trimethylbenzene
Concen: 2.420 ug/L
RT: 11.11 min Scan# 3039
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 15739

Ion	Ratio	Lower	Upper
105	100		
120	46.1	37.1	55.7

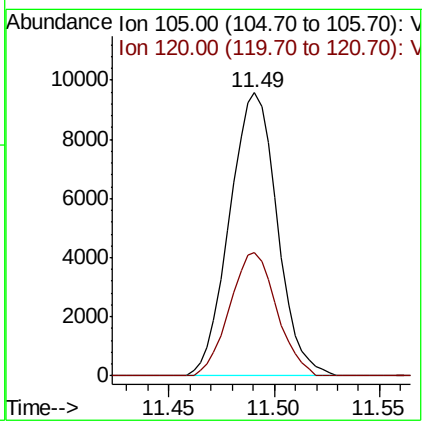


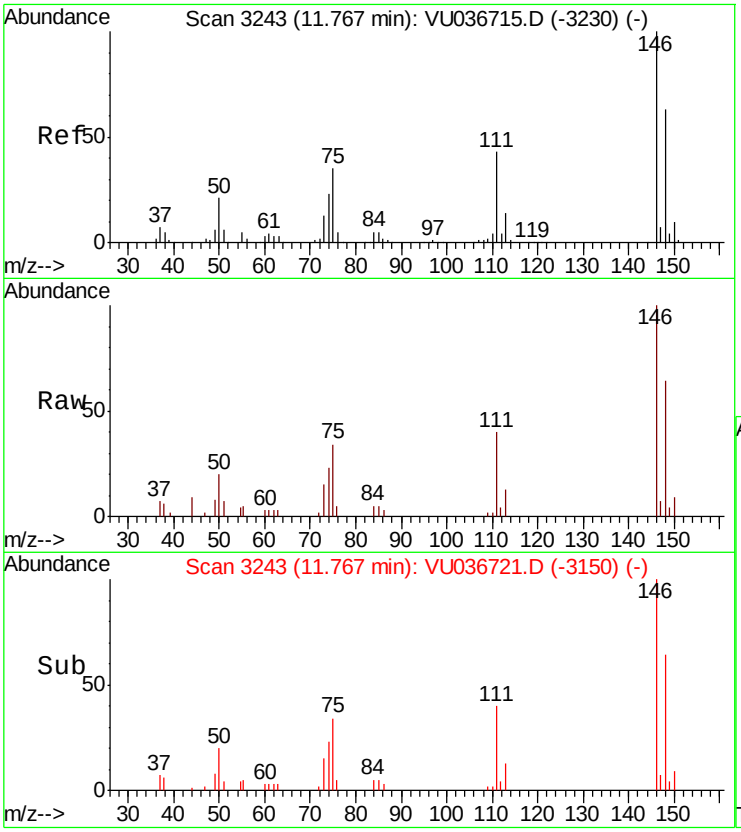


#63
1,2,4-Trimethylbenzene
Concen: 2.317 ug/L
RT: 11.49 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:105 Resp: 15046

Ion	Ratio	Lower	Upper
105	100		
120	42.8	34.7	52.1



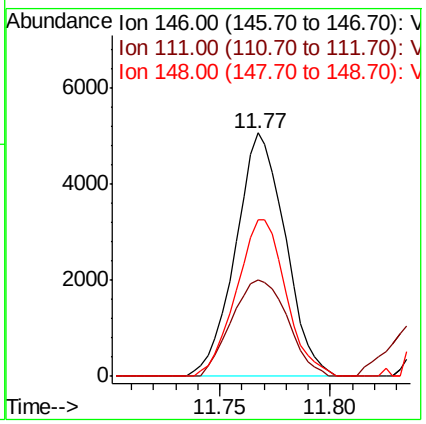


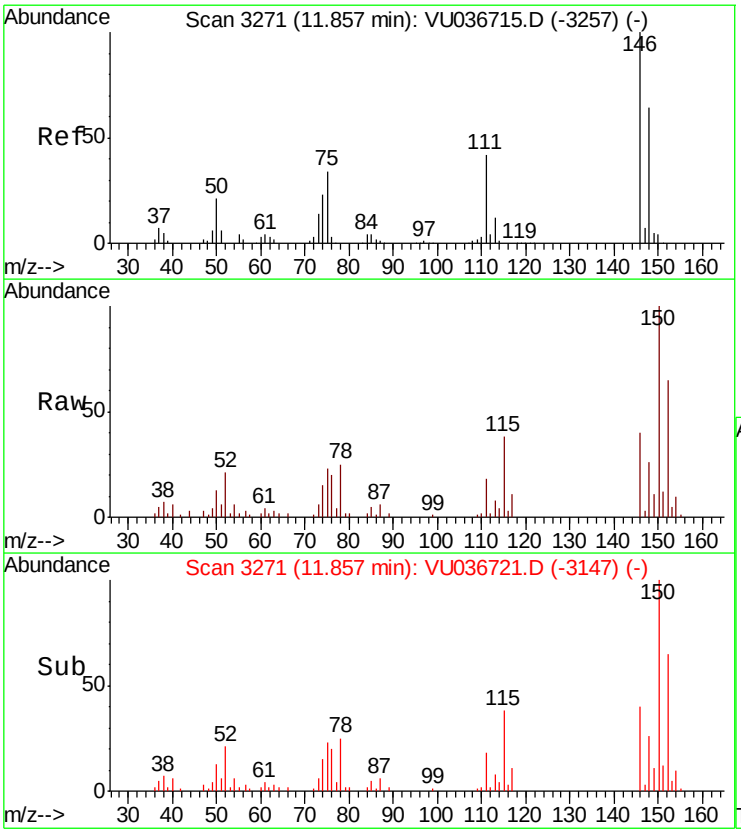
#64
1,3-Dichlorobenzene
Concen: 2.483 ug/L
RT: 11.77 min Scan# 3243
Delta R.T. -0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 7920

Ion	Ratio	Lower	Upper
146	100		
111	39.7	30.4	56.4
148	64.2	44.5	82.7

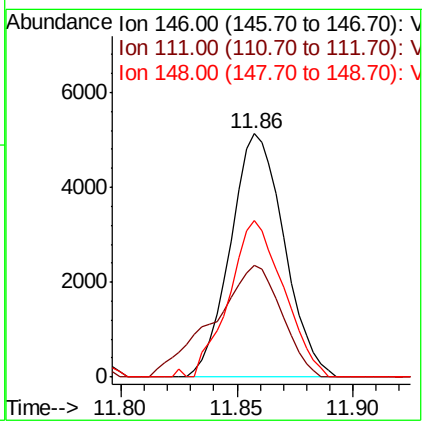


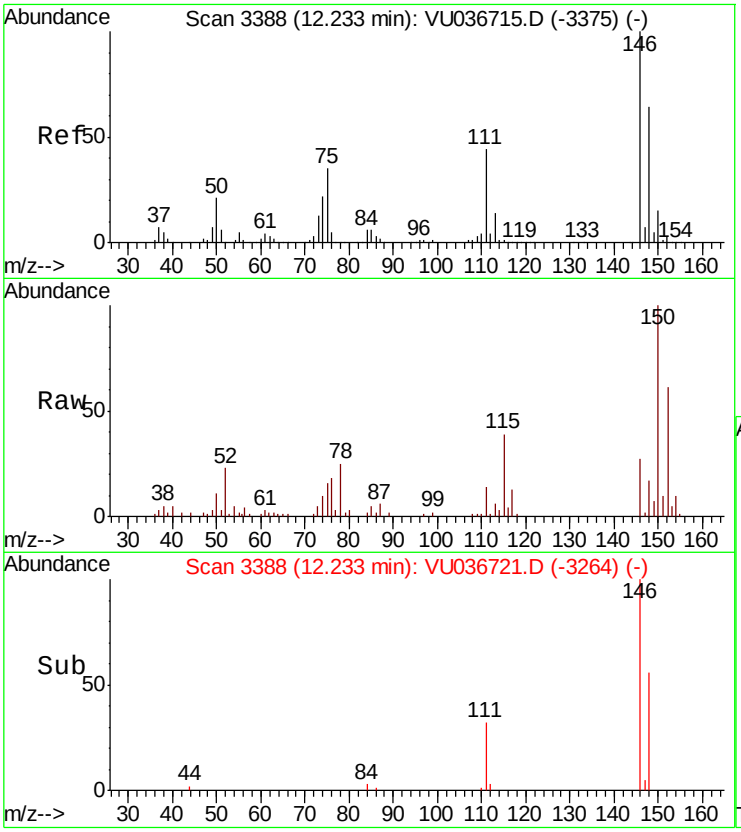


#65
1,4-Dichlorobenzene
Concen: 2.569 ug/L
RT: 11.86 min Scan# 3271
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:146 Resp: 8251

Ion	Ratio	Lower	Upper
146	100		
111	45.8	29.3	54.3
148	64.1	44.8	83.2



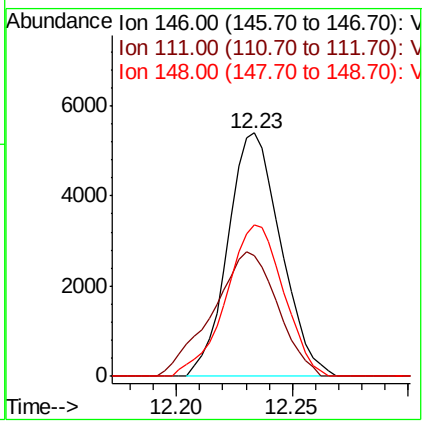


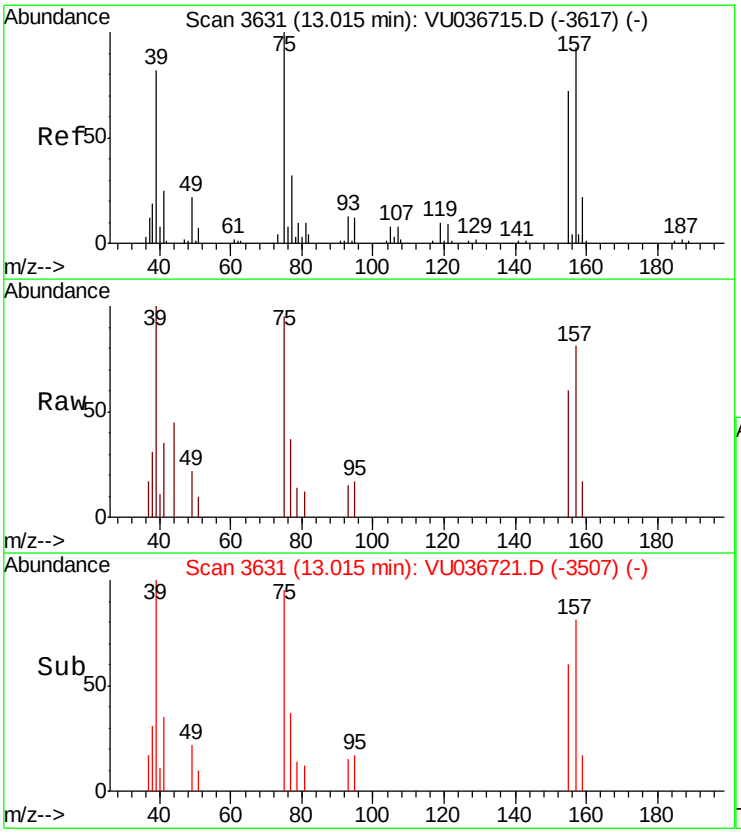
#67
1,2-Dichlorobenzene
Concen: 2.649 ug/L
RT: 12.23 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 8558

Ion	Ratio	Lower	Upper
146	100		
111	49.8	35.4	53.0
148	62.0	50.4	75.6

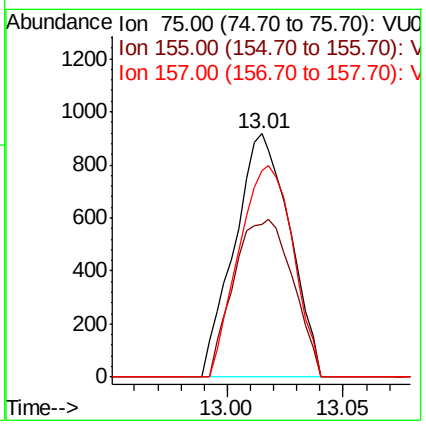


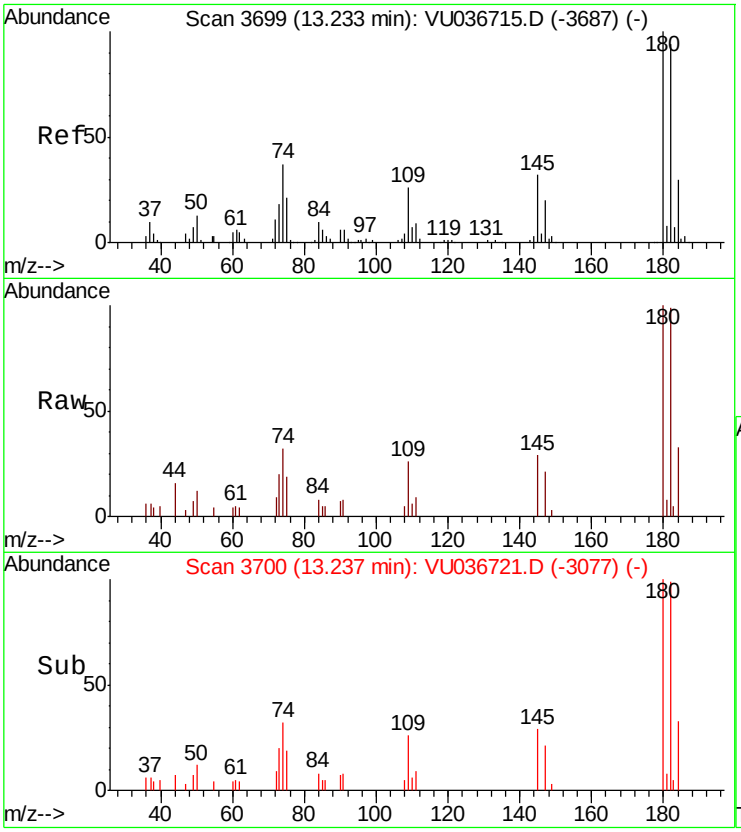


#68
1,2-Dibromo-3-chloropropane
Concen: 2.221 ug/L
RT: 13.01 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion: 75 Resp: 1521

Ion	Ratio	Lower	Upper
75	100		
155	62.7	58.7	88.1
157	84.7	77.8	116.6



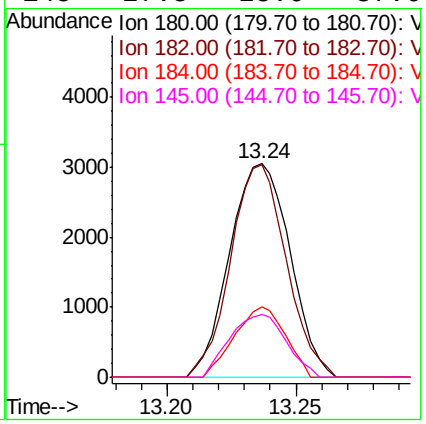


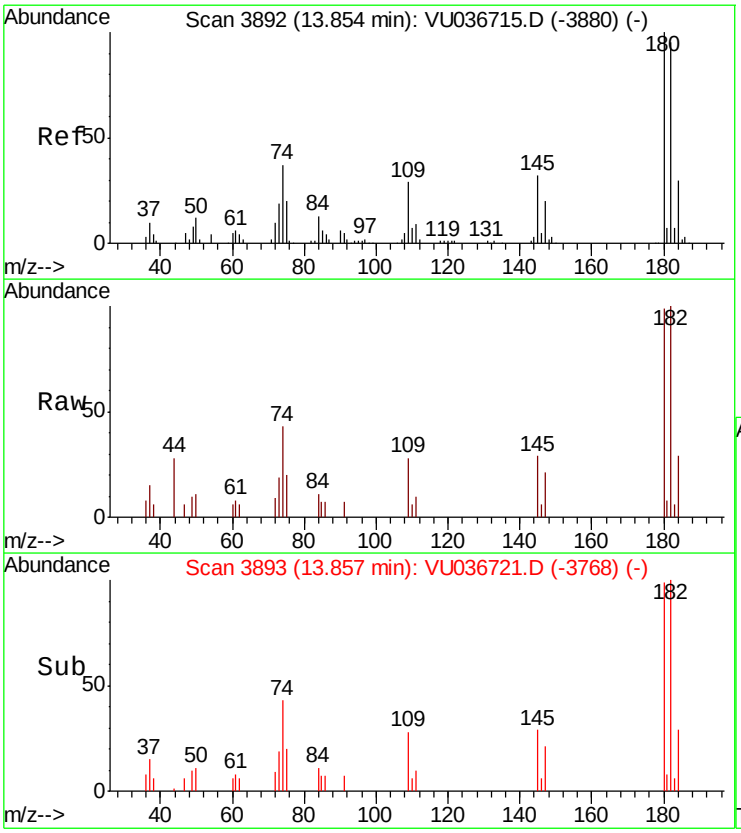
#69
1,3,5-Trichlorobenzene
Concen: 2.253 ug/L
RT: 13.24 min Scan# 3700
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 4985

Ion	Ratio	Lower	Upper
180	100		
182	91.8	76.2	114.4
184	27.8	23.8	35.6
145	27.5	25.0	37.6

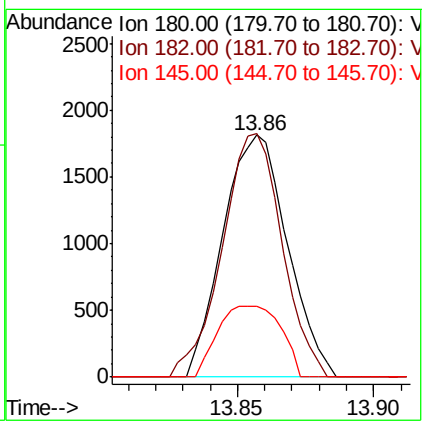


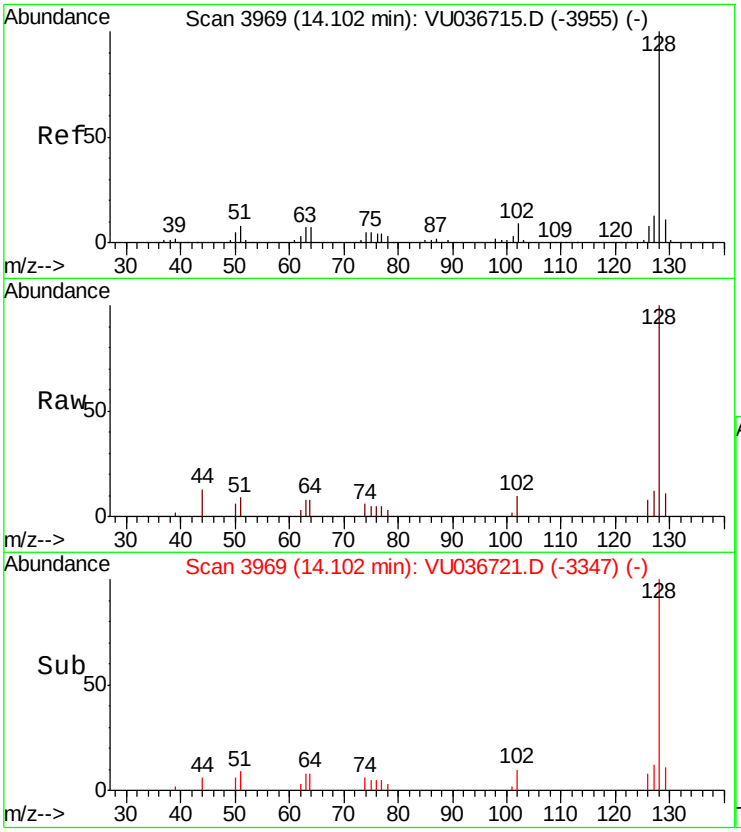


#70
1,2,4-trichlorobenzene
Concen: 1.613 ug/L
RT: 13.86 min Scan# 3893
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:180 Resp: 2975

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.1	114.1
145	28.6	25.7	38.5



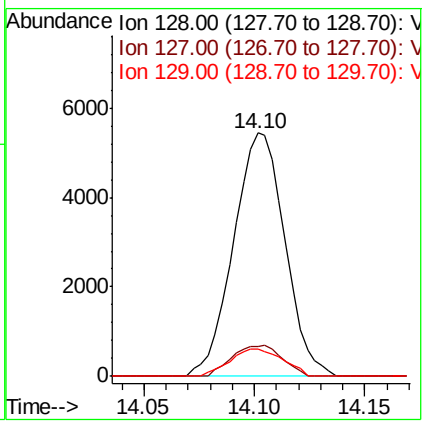


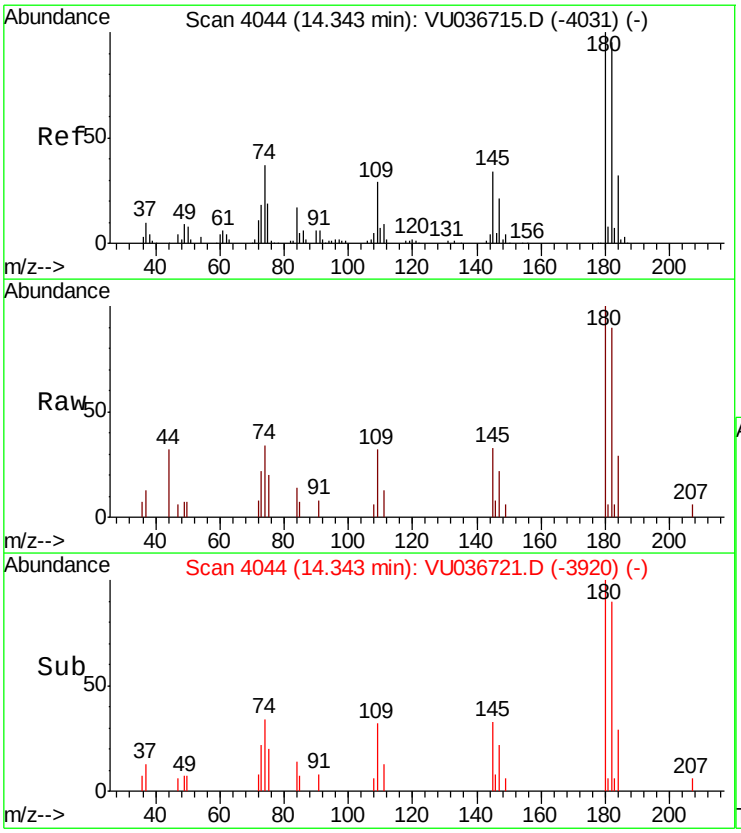
#71
Naphthalene
Concen: 1.351 ug/L
RT: 14.10 min Scan# 3969
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Instrument :
MSVOA_U
ClientSampleId :

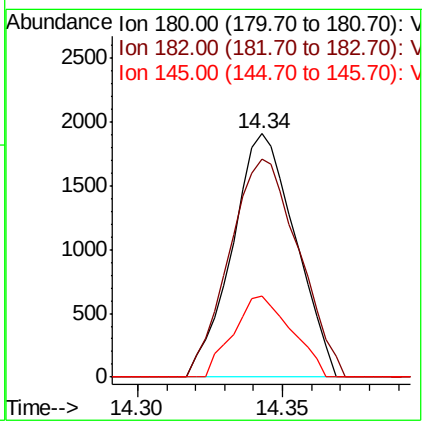
Tgt Ion:128 Resp: 8786

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	16.0
129	11.6	8.5	12.7





#72
1,2,3-Trichlorobenzene
Concen: 1.573 ug/L
RT: 14.34 min Scan# 4044
Delta R.T. 0.00 min
Lab File: VU036721.D
Acq: 11 Feb 2020 13:32

Tgt Ion:180 Resp: 2891

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	30.8	27.5	41.3