Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081518\

Quantitation Report (Not Reviewed)

Data File : VU026164.D
Acq On : 15 Aug 2018 22:49
Operator : MD/SY
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Aug 16 04:43:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 04:40:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	277808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	262981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	112535	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	67647	41.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.94%			
7) Chloroethane-d5	1.67	69	59165	44.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.24%			
11) 1,1-Dichloroethene-d2	2.27	63	107637	33.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.20%			
21) 2-Butanone-d5	4.18	46	130284	104.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.09%			
24) Chloroform-d	4.65	84	164227	44.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.90%			
26) 1,2-Dichloroethane-d4	5.31	65	113021	47.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.52%			
32) Benzene-d6	5.34	84	316454	46.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.34%			
36) 1,2-Dichloropropane-d6	6.33	67	106522	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.58%			
41) Toluene-d8	7.57	98	288291	44.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.84%			
43) trans-1,3-Dichloropropene-	7.85	79	48299	45.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.52%			
47) 2-Hexanone-d5	8.31	63	90461	99.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.05%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143668	45.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	113026	48.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.52%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4668	2.122	ug/L	97
3) Chloromethane	1.33	50	5084	2.538	ug/L	97
5) Vinyl chloride	1.40	62	4751	2.376	ug/L #	66
6) Bromomethane	1.62	94	2508	2.434	ug/L	89
8) Chloroethane	1.69	64	2873	2.399	ug/L	91
9) Trichlorofluoromethane	1.88	101	6188	2.095	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4693	2.933	ug/L #	78
12) 1,1-Dichloroethene	2.28	96	4159	2.833	ug/L #	1
13) Acetone	2.32	43	4973	4.341	ug/L	97
14) Carbon disulfide	2.48	76	11380	2.235	ug/L	98
15) Methyl Acetate	2.62	43	5206	2.620	ug/L	95
16) Methylene chloride	2.70	84	4888	2.485	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	2312	1.328	ug/L	93
18) Methyl tert-butyl Ether	3.00	73	11769	2.129	ug/L #	91
19) 1,1-Dichloroethane	3.45	63	8116	2.421	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	4371	2.238	ug/L	95
22) 2-Butanone	4.27	43	5900	4.134	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081518\

Quantitation Report (Not Reviewed)

Data File : VU026164.D
Acq On : 15 Aug 2018 22:49
Operator : MD/SY
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Aug 16 04:43:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 04:40:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	2262	2.143	ug/L		89
25) Chloroform	4.68	83	9959	2.829	ug/L		97
27) 1,2-Dichloroethane	5.41	62	7070	2.484	ug/L		100
29) Cyclohexane	5.00	56	3663	1.394	ug/L	#	63
30) 1,1,1-Trichloroethane	4.92	97	7396	2.354	ug/L		96
31) Carbon tetrachloride	5.14	117	6508	2.286	ug/L		98
33) Benzene	5.39	78	16807	2.360	ug/L		100
34) Trichloroethene	6.19	95	4085	2.202	ug/L		98
35) Methylcyclohexane	6.42	83	5736	2.060	ug/L		95
37) 1,2-Dichloropropane	6.44	63	4243	2.134	ug/L		99
38) Bromodichloromethane	6.76	83	6304	2.394	ug/L	#	92
39) cis-1,3-Dichloropropene	7.27	75	6136	2.078	ug/L		97
40) 4-Methyl-2-pentanone	7.46	43	10630	4.309	ug/L		95
42) Toluene	7.64	91	17186	2.273	ug/L		97
44) trans-1,3-Dichloropropene	7.88	75	6468	2.274	ug/L		98
45) 1,1,2-Trichloroethane	8.07	97	4026	2.135	ug/L		86
46) Tetrachloroethene	8.23	164	3606	2.254	ug/L		90
48) 2-Hexanone	8.37	43	10281	5.319	ug/L	#	93
49) Dibromochloromethane	8.48	129	5138	2.262	ug/L		98
50) 1,2-Dibromoethane	8.59	107	4507	2.302	ug/L	#	94
51) Chlorobenzene	9.12	112	11339	2.194	ug/L		97
52) Ethylbenzene	9.25	91	16545	2.008	ug/L		94
53) m,p-Xylene	9.38	106	5950	1.874	ug/L		96
54) o-xylene	9.78	106	6326	1.997	ug/L		90
55) Styrene	9.80	104	9067	1.719	ug/L		94
56) Isopropylbenzene	10.17	105	13631	1.676	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.46	83	7400	2.350	ug/L		96
59) 1,2,3-Trichloropropane	10.49	75	5578	2.277	ug/L		97
61) Bromoform	9.96	173	3760	2.556	ug/L	#	97
62) 1,3-Dichlorobenzene	11.42	146	7020	2.082	ug/L		87
63) 1,4-Dichlorobenzene	11.51	146	7871	2.263	ug/L		97
65) 1,2-Dichlorobenzene	11.88	146	8847	2.455	ug/L		93
66) 1,2-Dibromo-3-chloropropan	12.66	75	1308	2.289	ug/L		91
67) 1,3,5-Trichlorobenzene	12.89	180	5094	2.045	ug/L		98
68) 1,2,4-trichlorobenzene	13.51	180	2951	1.564	ug/L	#	97
70) 1,2,3-Trichlorobenzene	13.99	180	2860	1.414	ug/L		93

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

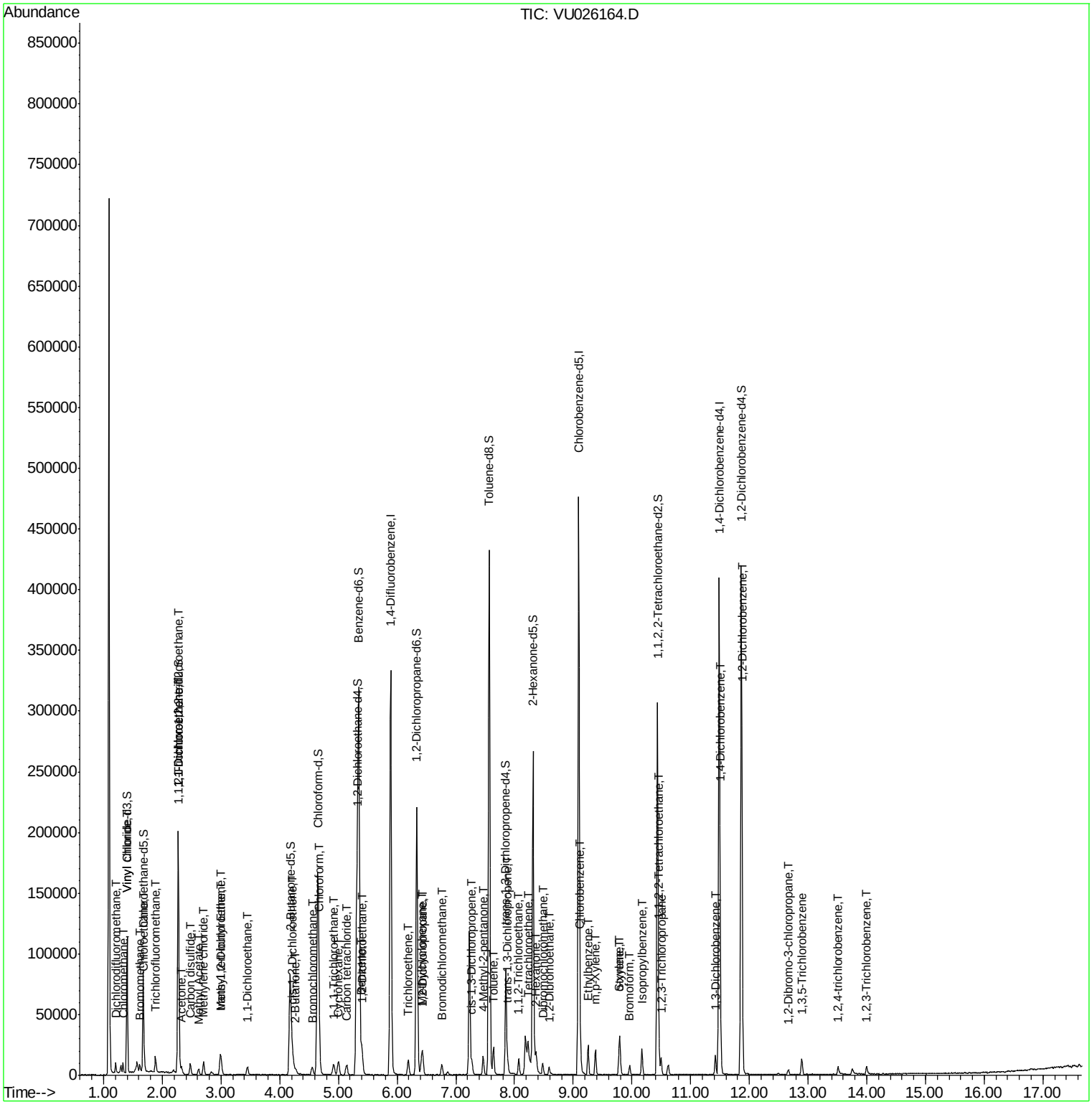
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081518\

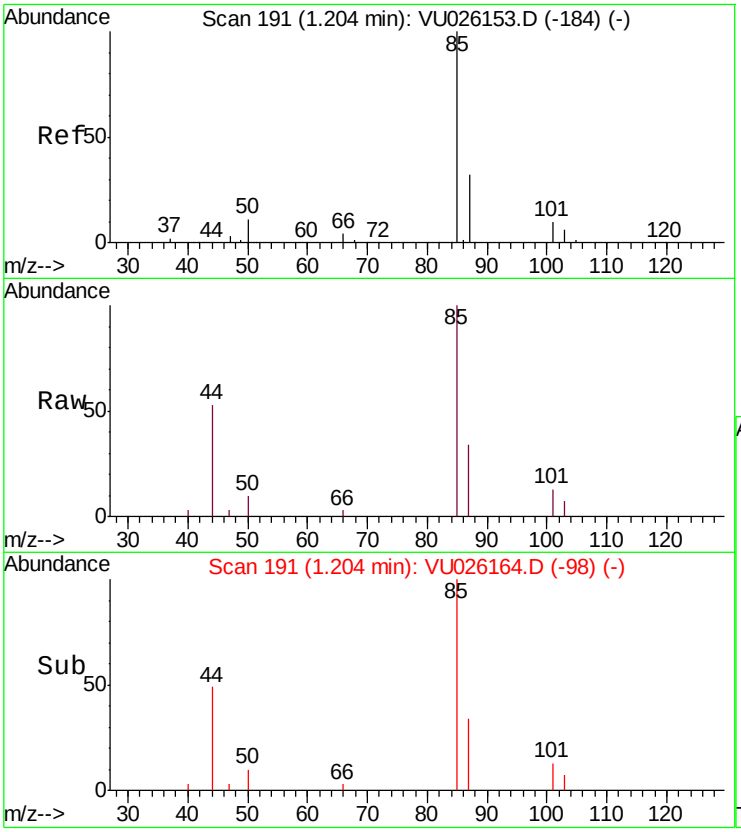
Quantitation Report (Not Reviewed)

Data File : VU026164.D
Acq On : 15 Aug 2018 22:49
Operator : MD/SY
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Aug 16 04:43:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 04:40:24 2018
Response via : Initial Calibration



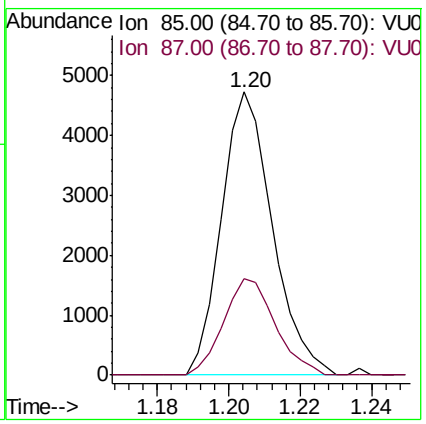


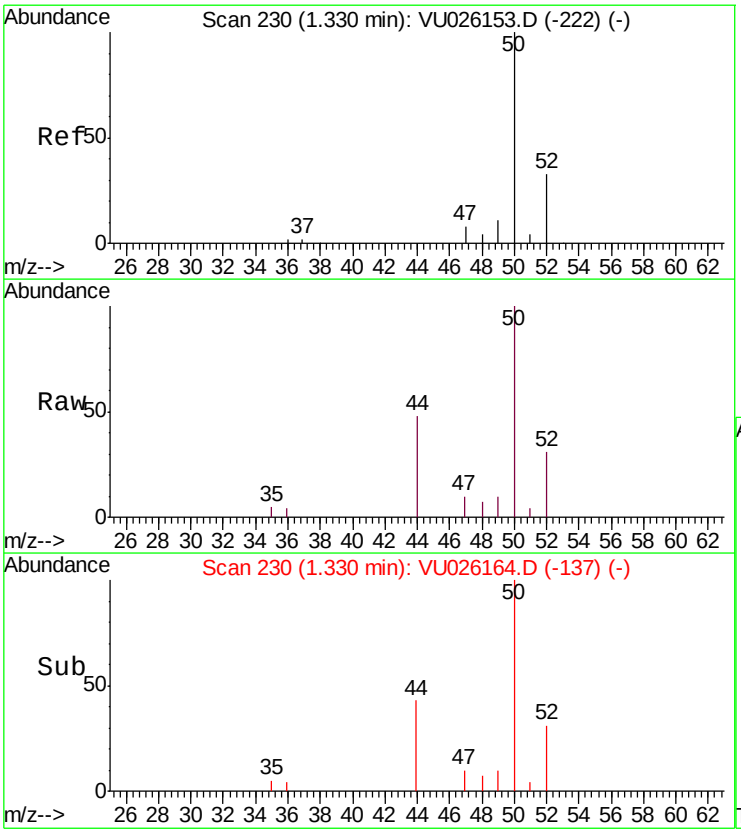
#2
Dichlorodifluoromethane
Concen: 2.122 ug/L
RT: 1.20 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 4668

Ion	Ratio	Lower	Upper
85	100		
87	34.5	26.1	39.1

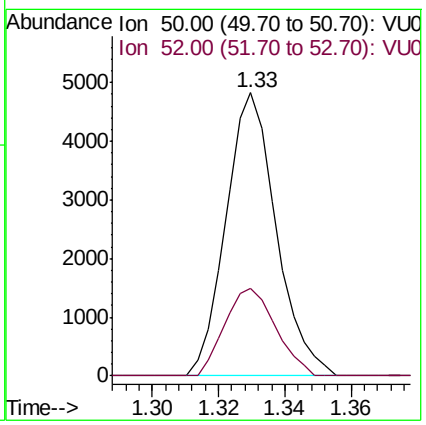


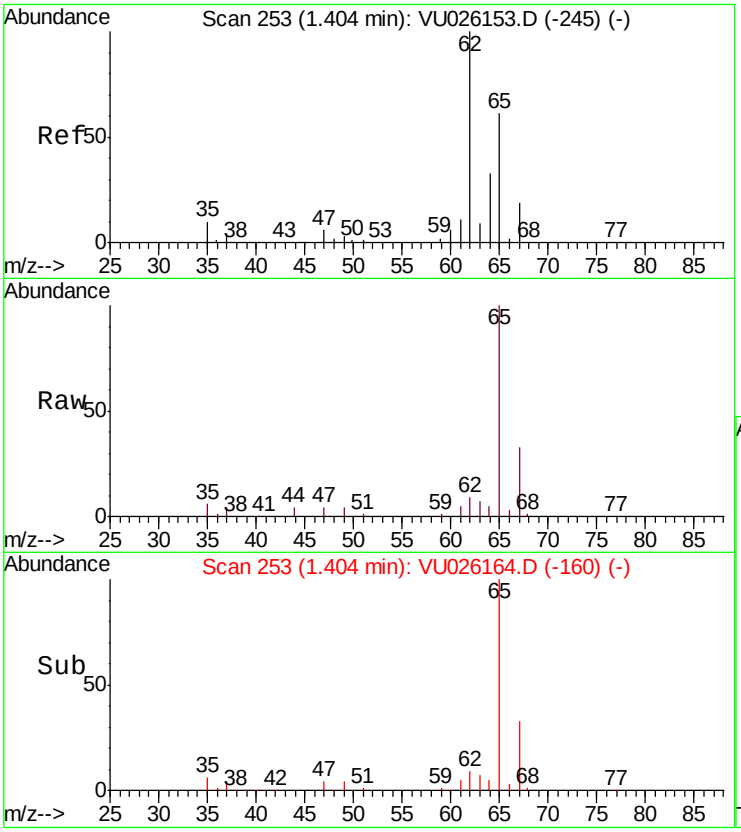


#3
Chloromethane
Concen: 2.538 ug/L
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 50 Resp: 5084

Ion	Ratio	Lower	Upper
50	100		
52	31.1	23.0	42.8



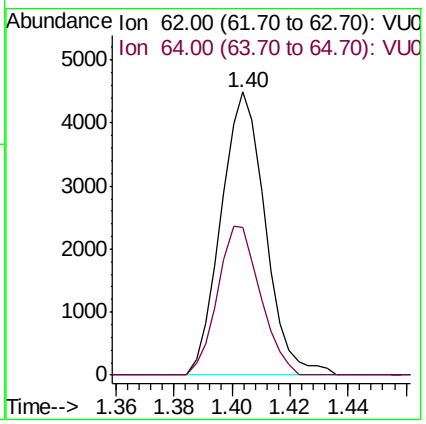


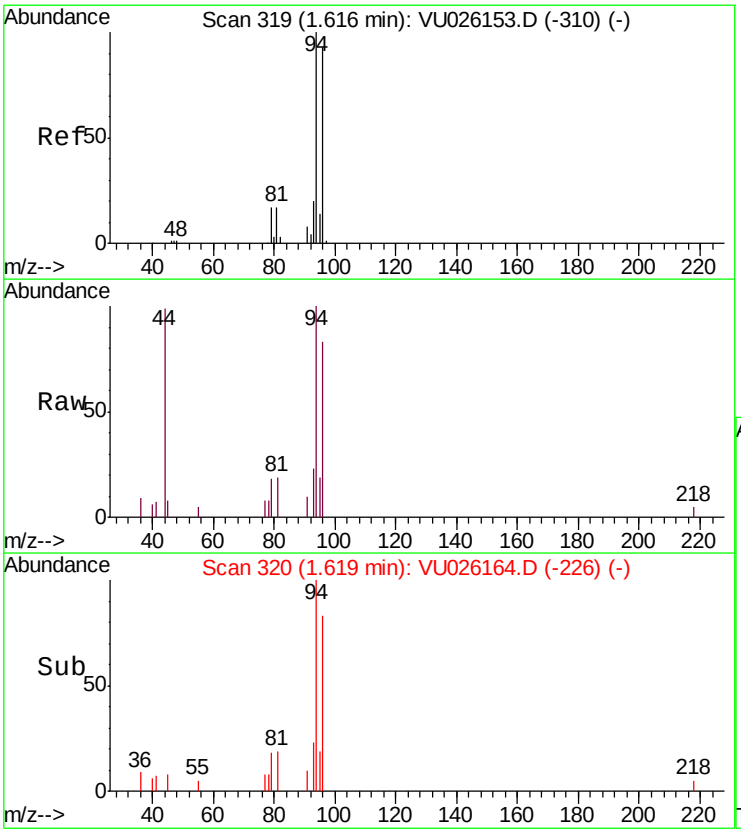
#5
Vinyl chloride
Concen: 2.376 ug/L
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 4751

Ion	Ratio	Lower	Upper
62	100		
64	52.1	23.0	42.8#

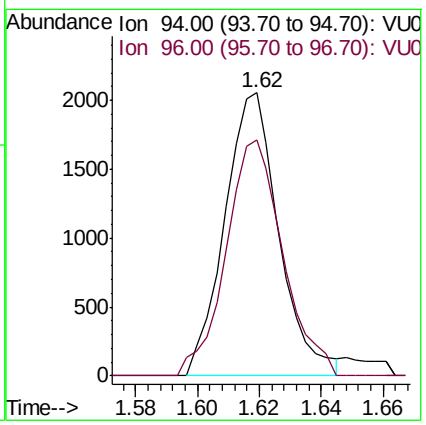


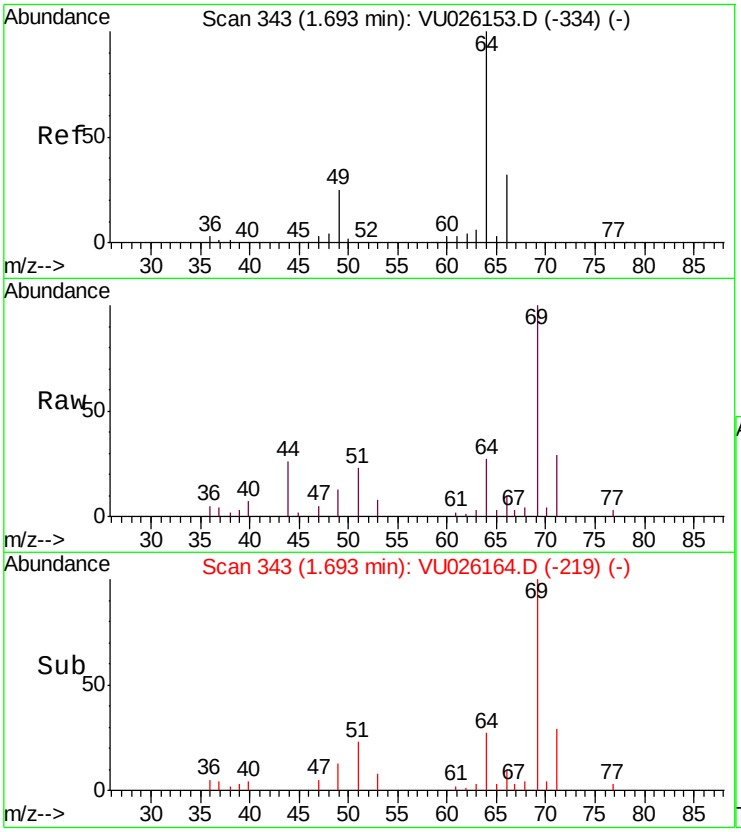


#6
Bromomethane
Concen: 2.434 ug/L
RT: 1.62 min Scan# 320
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 94 Resp: 2508

Ion	Ratio	Lower	Upper
94	100		
96	83.4	65.9	122.5



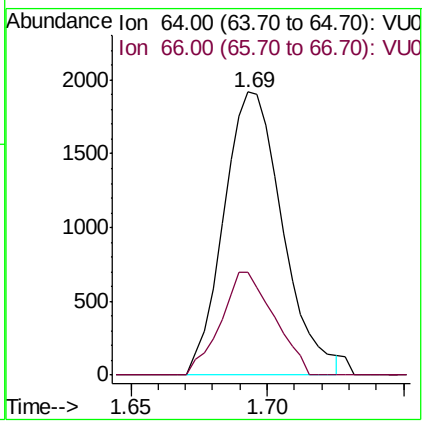


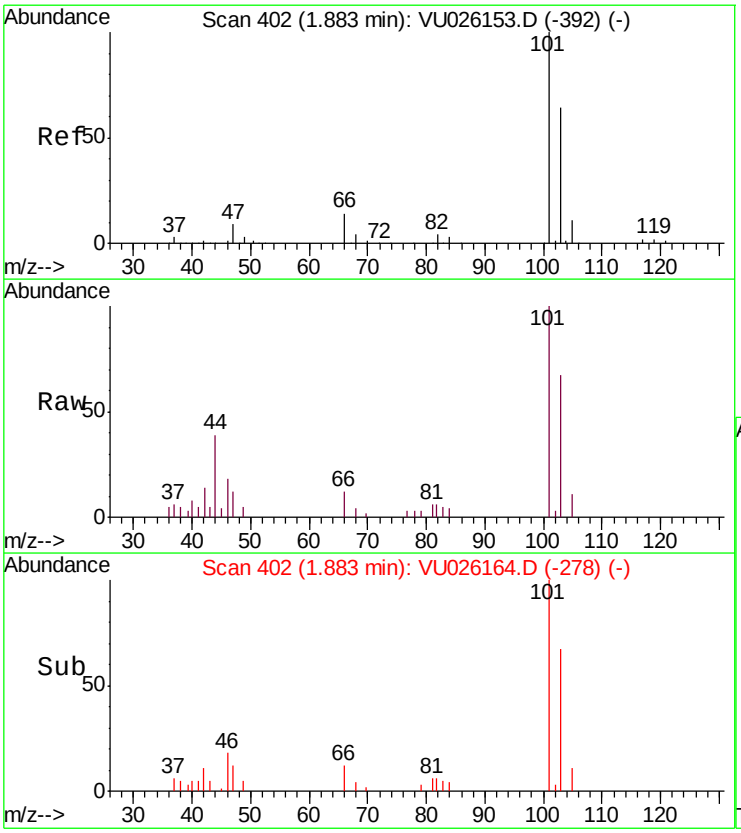
#8
Chloroethane
Concen: 2.399 ug/L
RT: 1.69 min Scan# 343
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 64 Resp: 2873

Ion	Ratio	Lower	Upper
64	100		
66	36.5	22.2	41.2

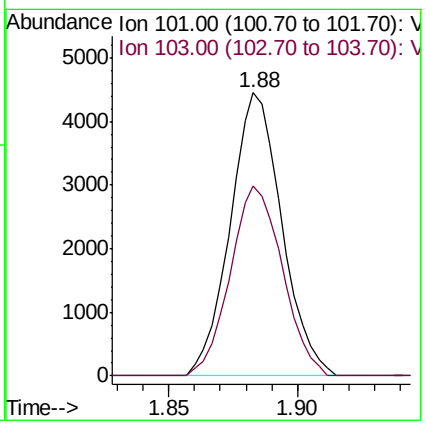


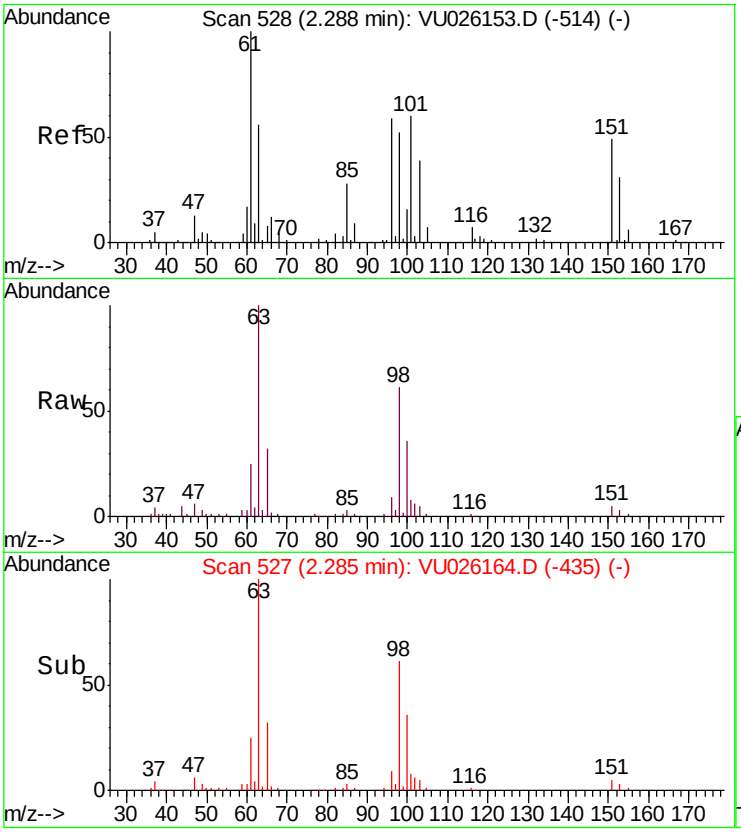


#9
Trichlorofluoromethane
Concen: 2.095 ug/L
RT: 1.88 min Scan# 402
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:101 Resp: 6188

Ion	Ratio	Lower	Upper
101	100		
103	67.6	51.4	77.2



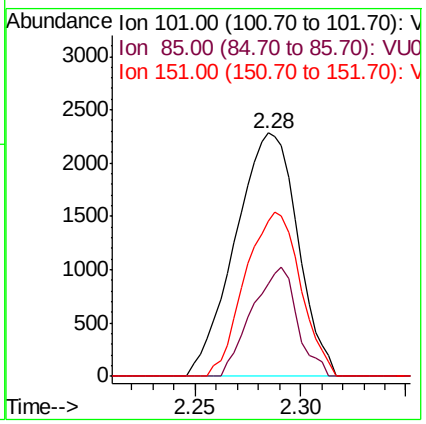


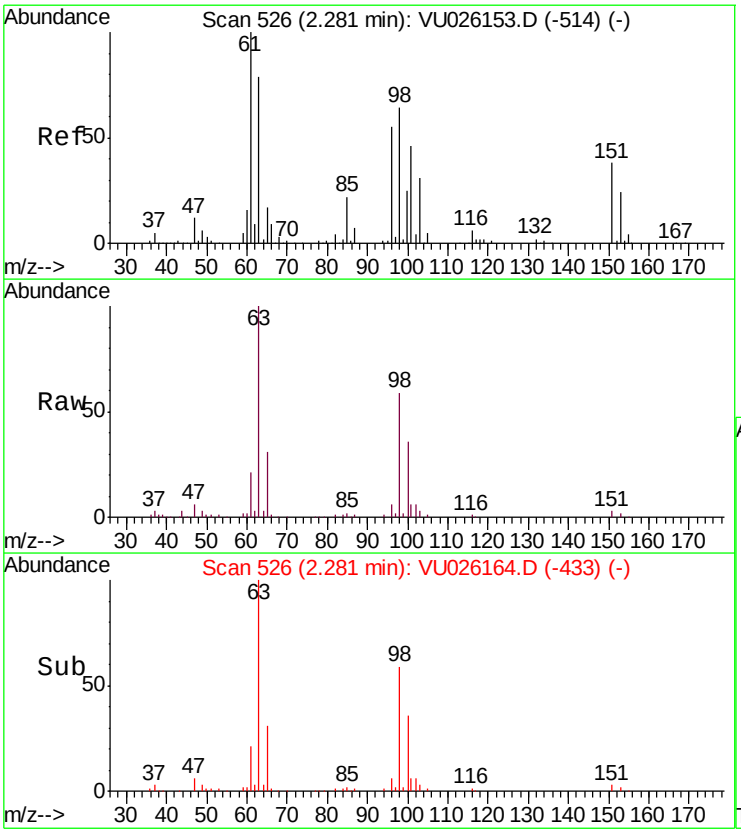
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.933 ug/L
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 4693

Ion	Ratio	Lower	Upper
101	100		
85	32.6	36.6	55.0#
151	59.9	63.8	95.8#

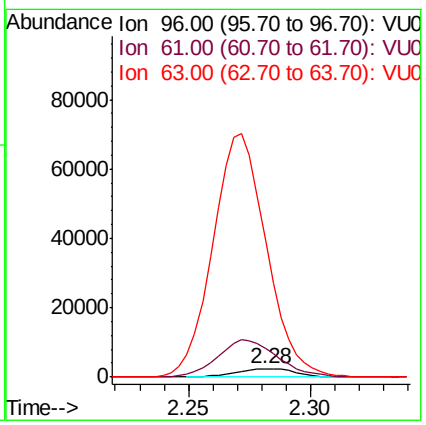


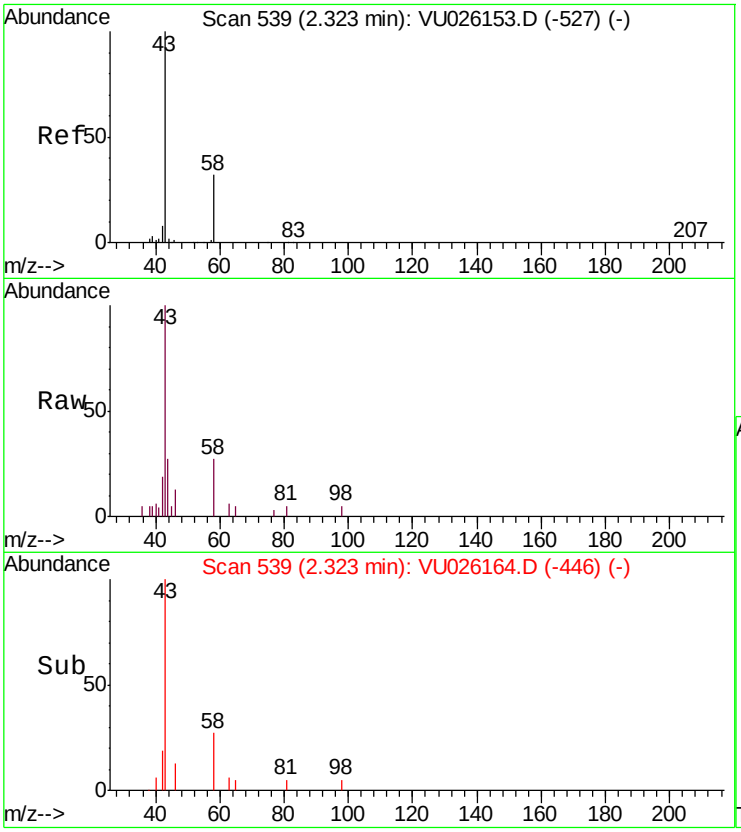


#12
1,1-Dichloroethene
Concen: 2.833 ug/L
RT: 2.28 min Scan# 526
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 96 Resp: 4159

Ion	Ratio	Lower	Upper
96	100		
61	338.0	126.8	235.4#
63	1595.4	97.0	180.2#



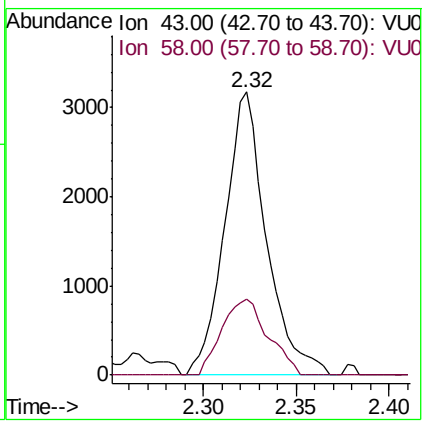


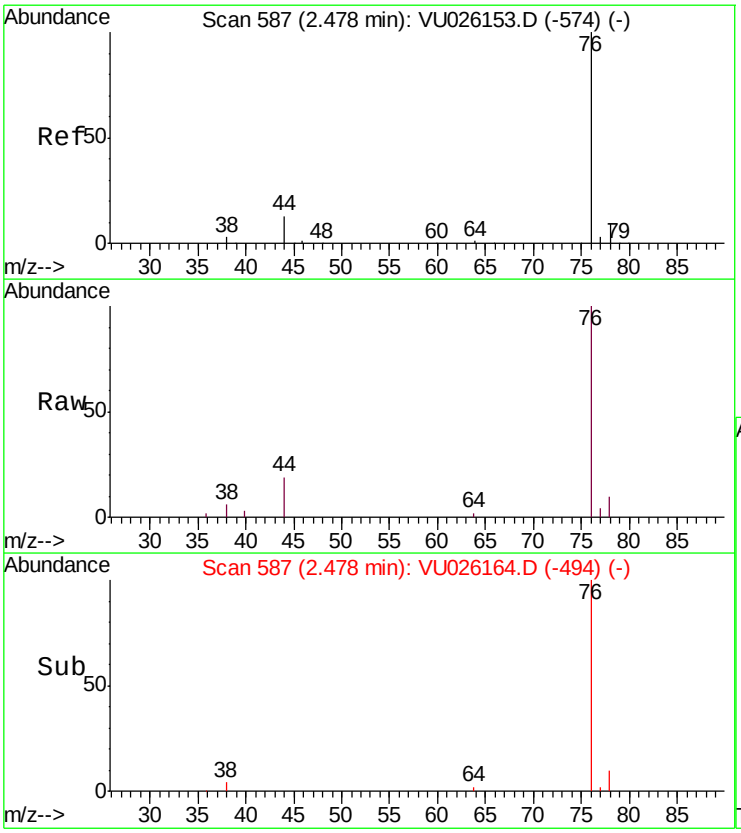
#13
Acetone
Concen: 4.341 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 4973

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	62.6

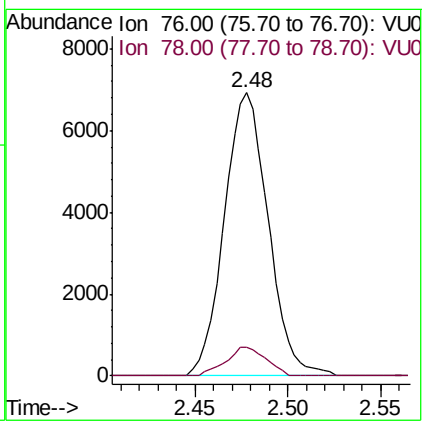


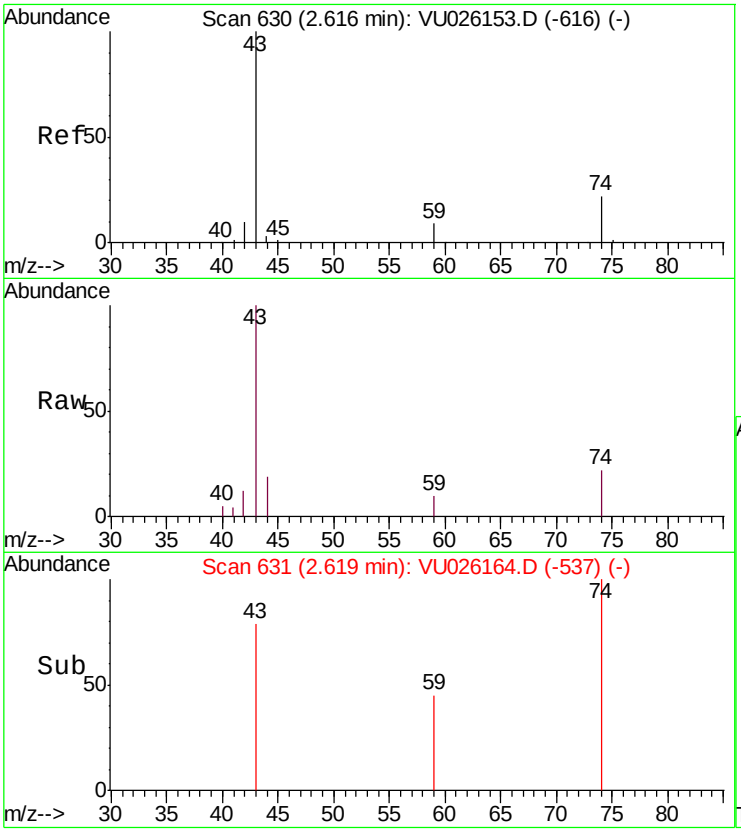


#14
Carbon disulfide
Concen: 2.235 ug/L
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 76 Resp: 11380

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.4	11.2



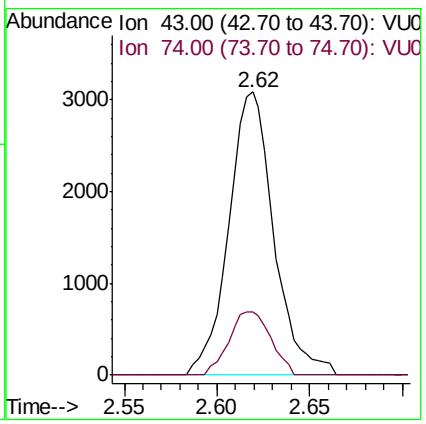


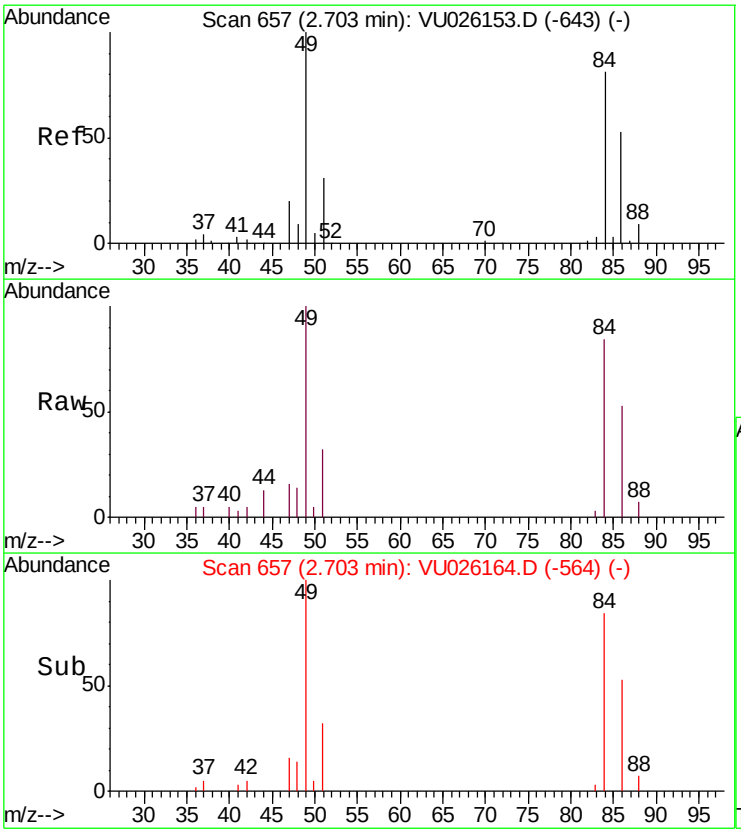
#15
Methyl Acetate
Concen: 2.620 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 5206

Ion	Ratio	Lower	Upper
43	100		
74	20.7	18.6	28.0

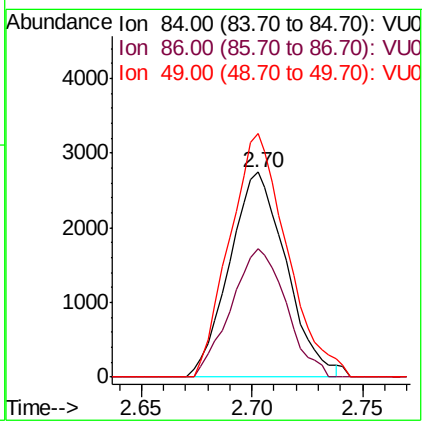


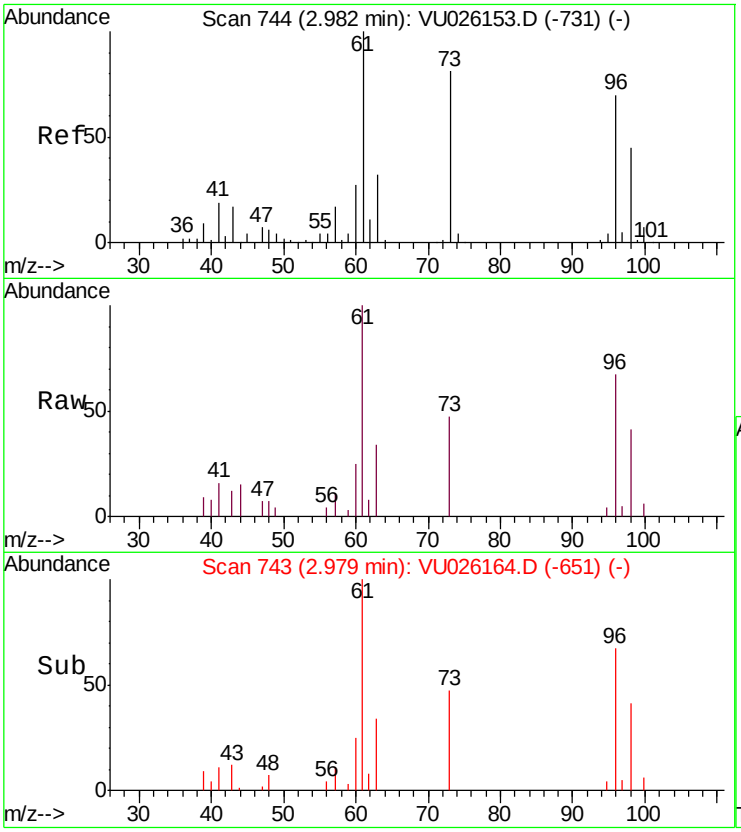


#16
Methylene chloride
Concen: 2.485 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 84 Resp: 4888

Ion	Ratio	Lower	Upper
84	100		
86	62.8	44.0	81.6
49	118.7	87.7	162.9



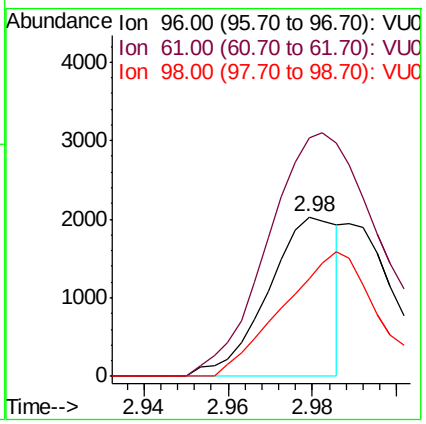


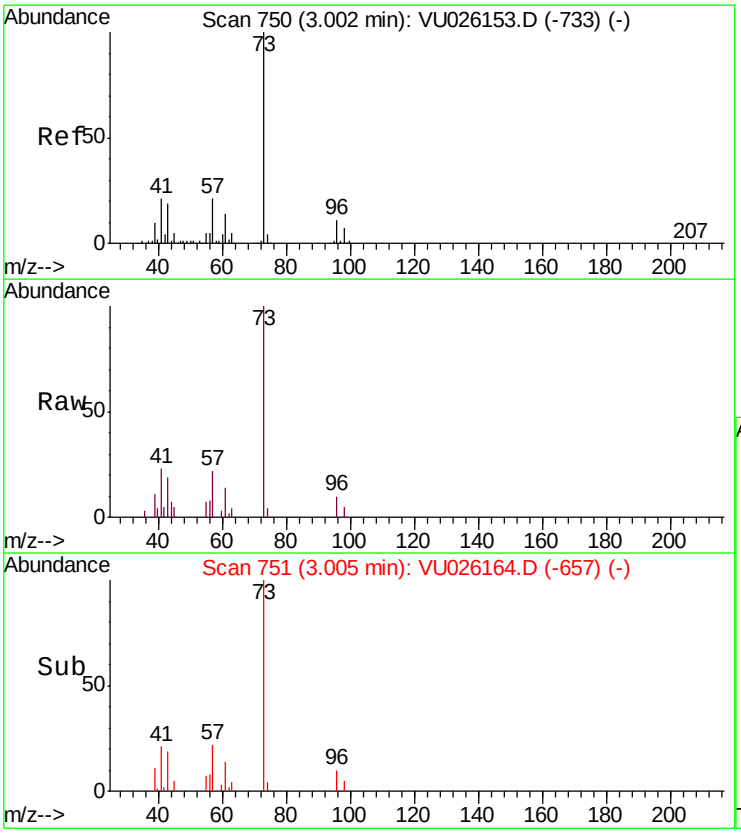
#17
trans-1,2-Dichloroethene
Concen: 1.328 ug/L
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 96 Resp: 2312

Ion	Ratio	Lower	Upper
96	100		
61	149.6	96.7	179.5
98	61.6	43.6	81.0

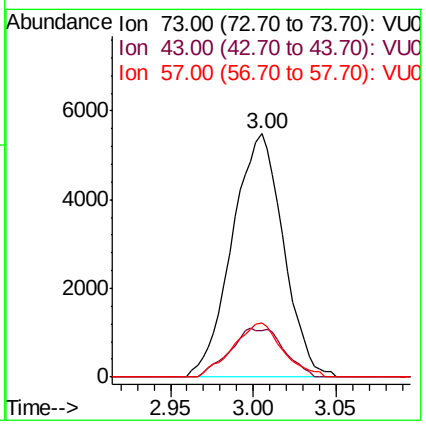


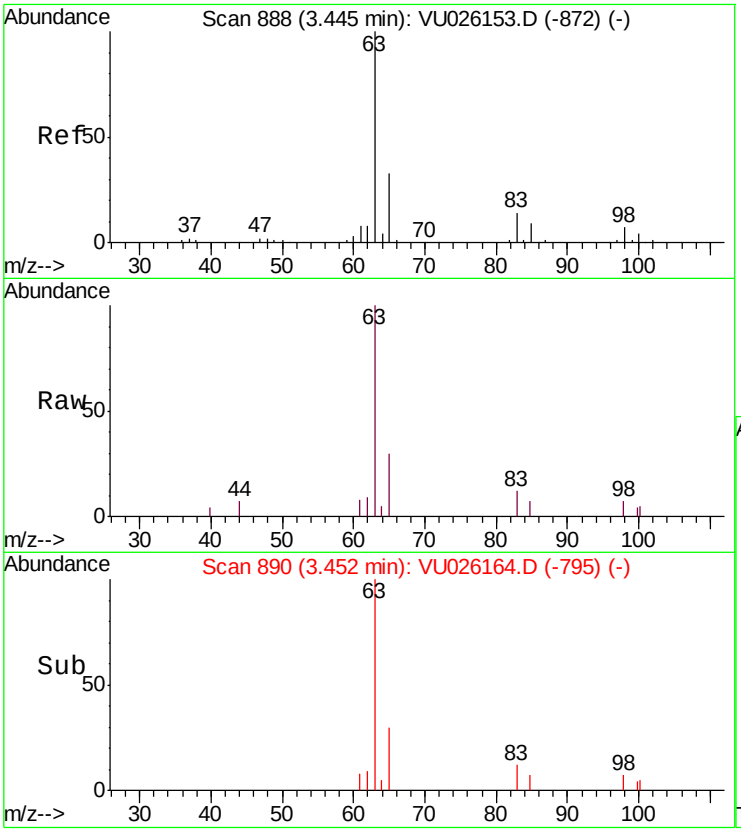


#18
Methyl tert-butyl Ether
Concen: 2.129 ug/L
RT: 3.00 min Scan# 751
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 73 Resp: 11769

Ion	Ratio	Lower	Upper
73	100		
43	12.9	16.2	24.4#
57	21.6	18.2	27.2



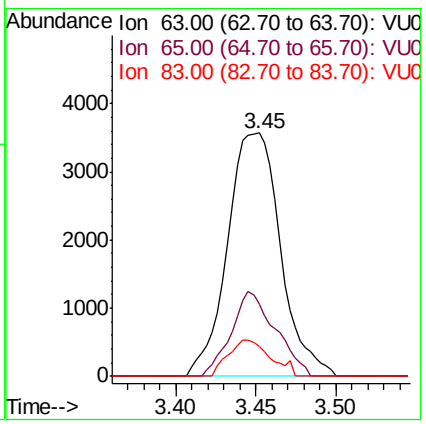


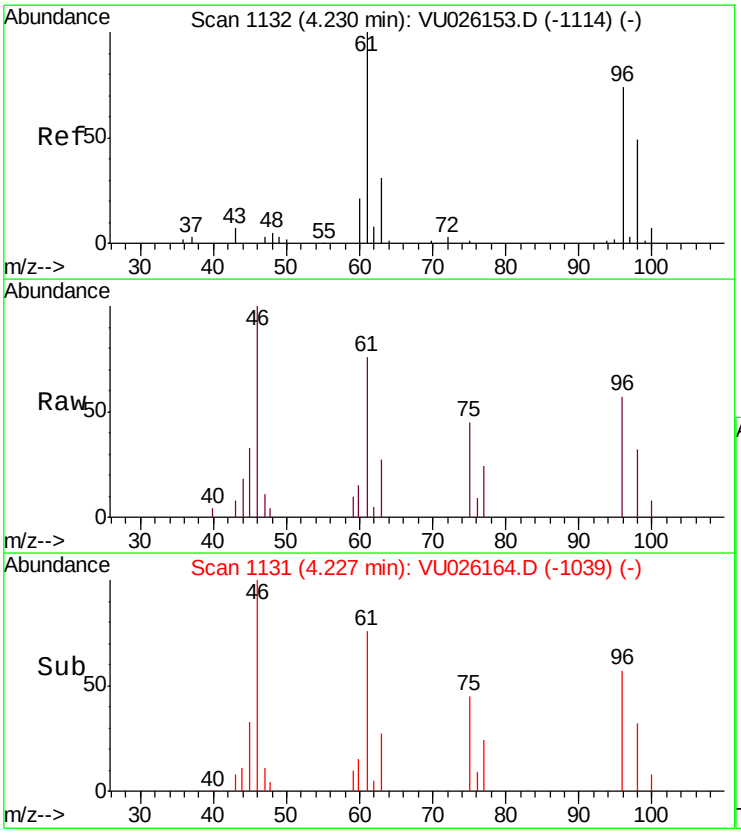
#19
1,1-Dichloroethane
Concen: 2.421 ug/L
RT: 3.45 min Scan# 890
Delta R.T. 0.01 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 63 Resp: 8116

Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.1	41.1
83	12.2	9.4	17.4

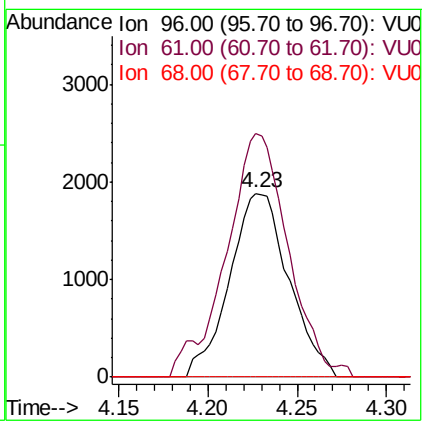


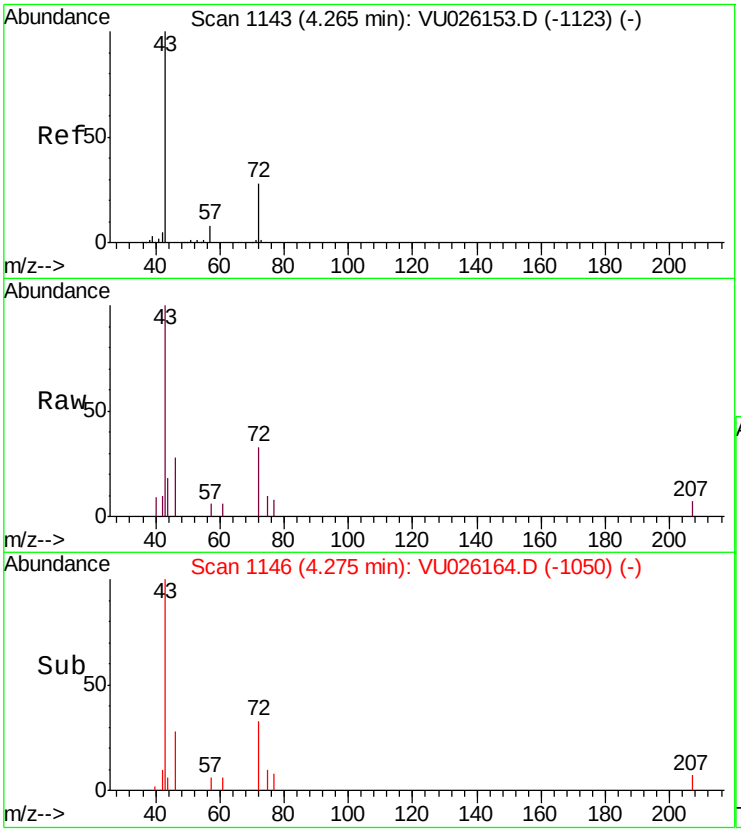


#20
cis-1,2-Dichloroethene
Concen: 2.238 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 96 Resp: 4371

Ion	Ratio	Lower	Upper
96	100		
61	132.5	88.6	164.6
68	0.0	0.0	0.0



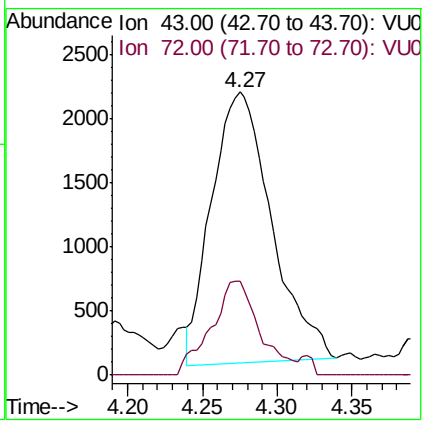


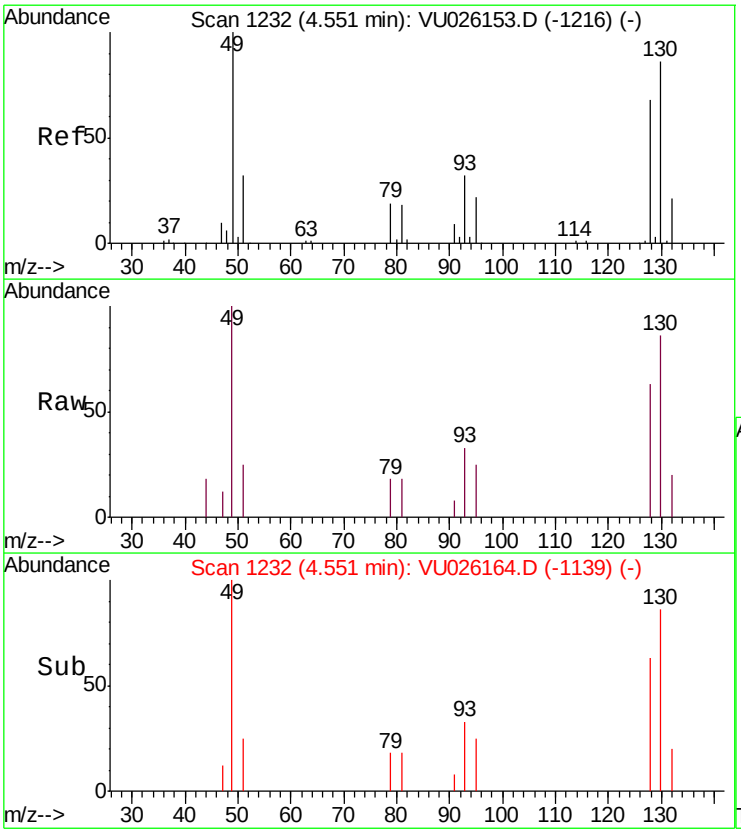
#22
2-Butanone
Concen: 4.134 ug/L
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 5900

Ion	Ratio	Lower	Upper
43	100		
72	25.5	13.4	40.1

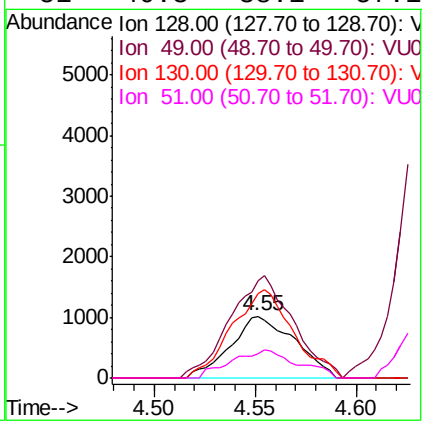


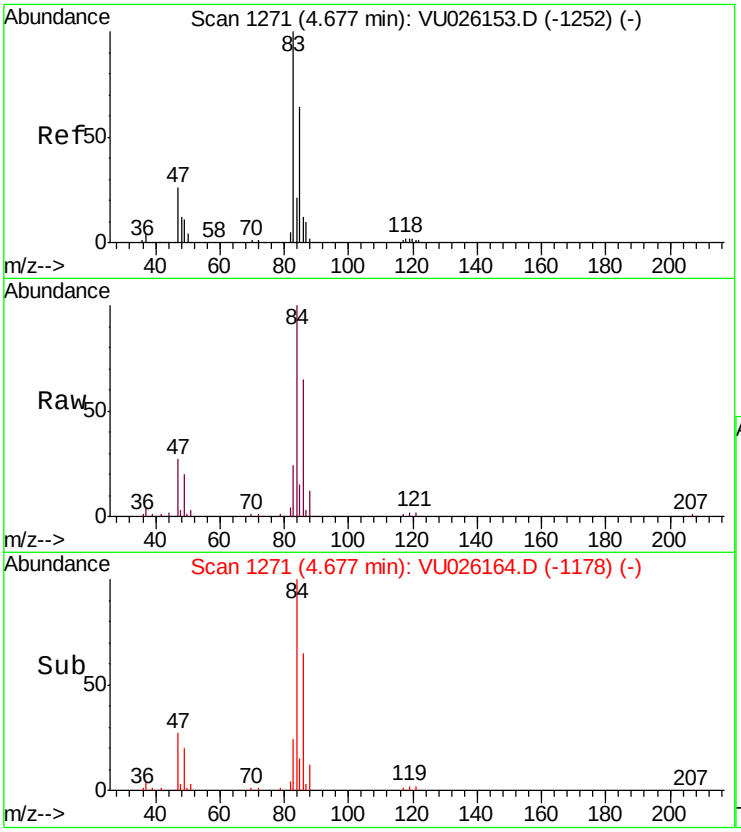


#23
Bromochloromethane
Concen: 2.143 ug/L
RT: 4.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:128 Resp: 2262

Ion	Ratio	Lower	Upper
128	100		
49	158.3	101.3	188.1
130	136.3	86.4	160.4
51	40.3	38.1	57.1



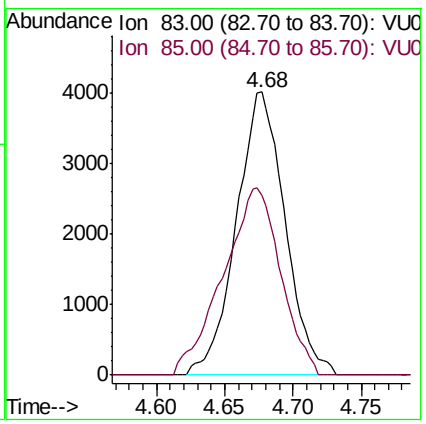


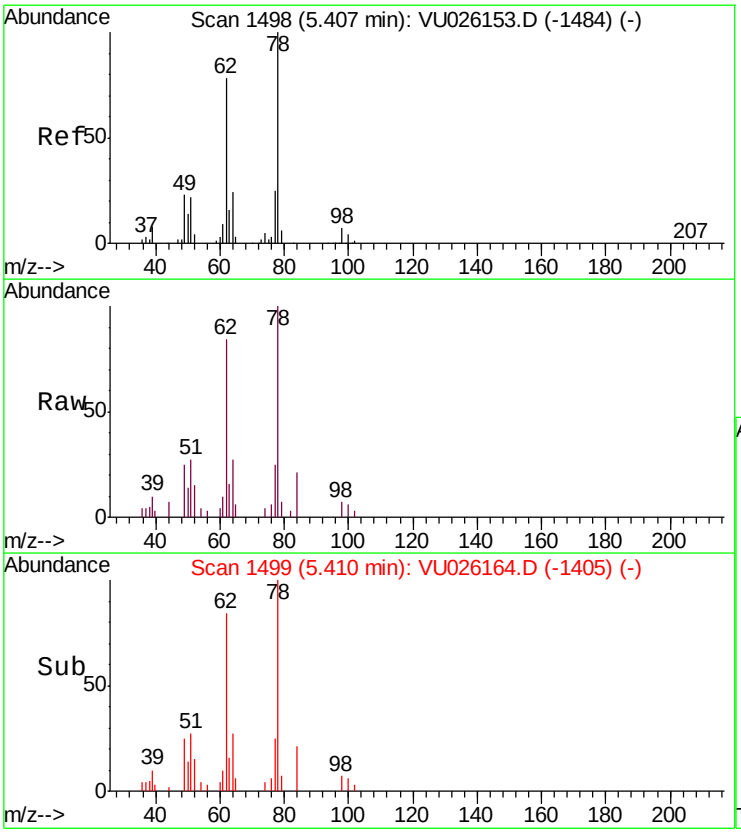
#25
Chloroform
Concen: 2.829 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 83 Resp: 9959

Ion	Ratio	Lower	Upper
83	100		
85	63.5	46.3	86.1

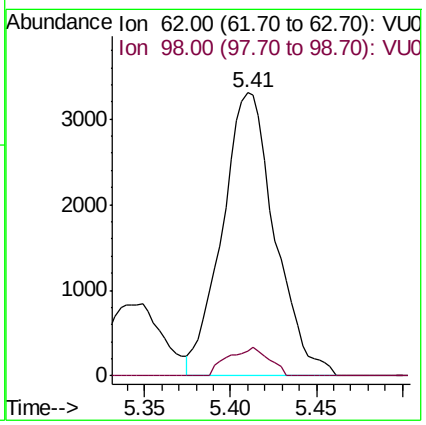


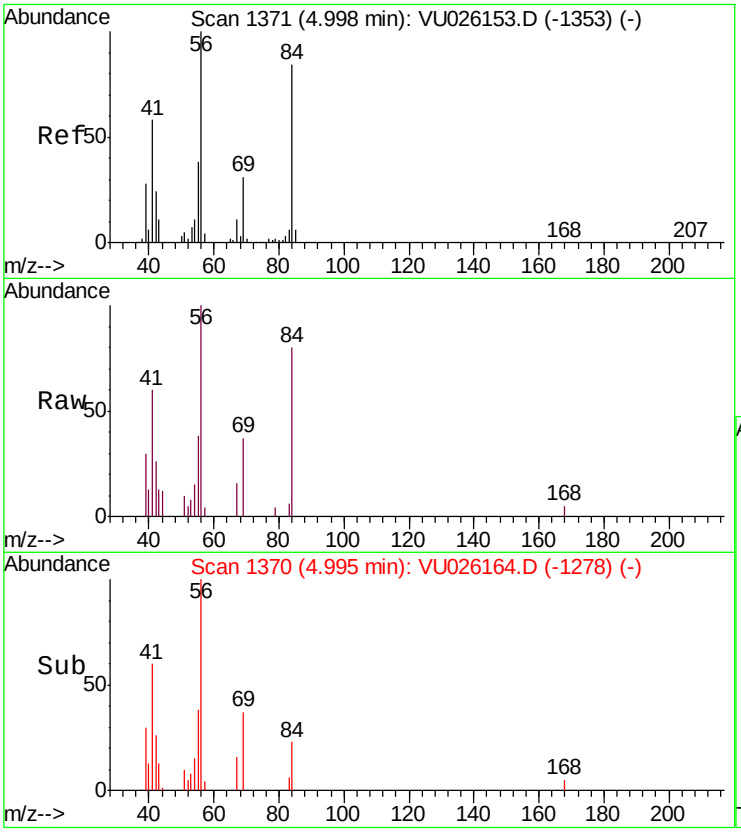


#27
1,2-Dichloroethane
Concen: 2.484 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 62 Resp: 7070

Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.0	10.4



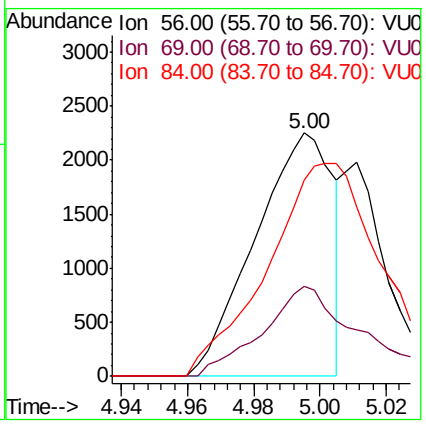


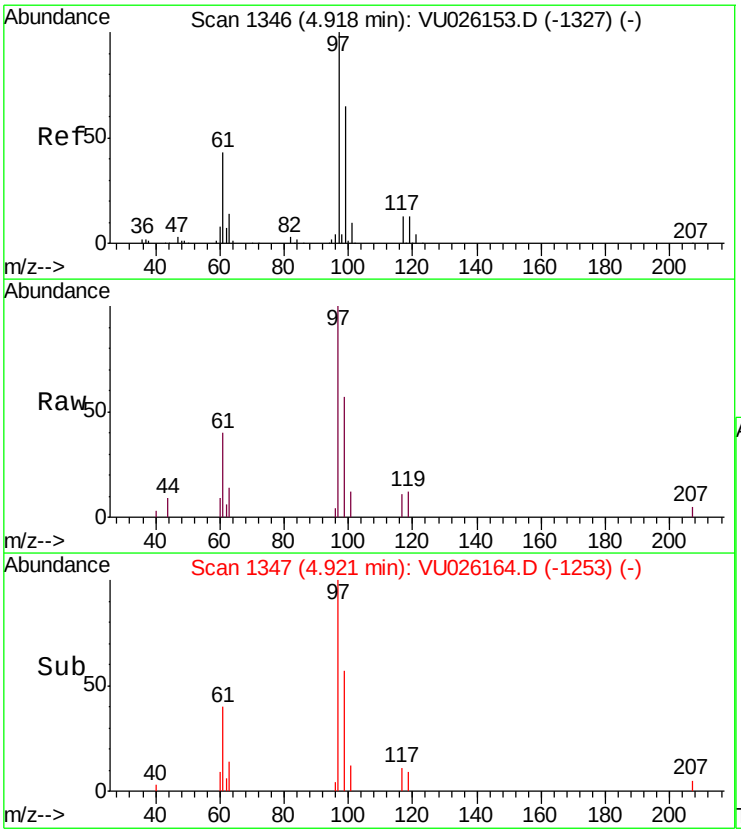
#29
Cyclohexane
Concen: 1.394 ug/L
RT: 5.00 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 56 Resp: 3663

Ion	Ratio	Lower	Upper
56	100		
69	44.5	24.1	36.1#
84	123.6	68.6	102.8#

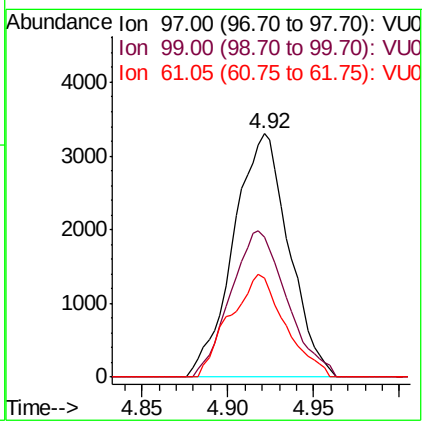


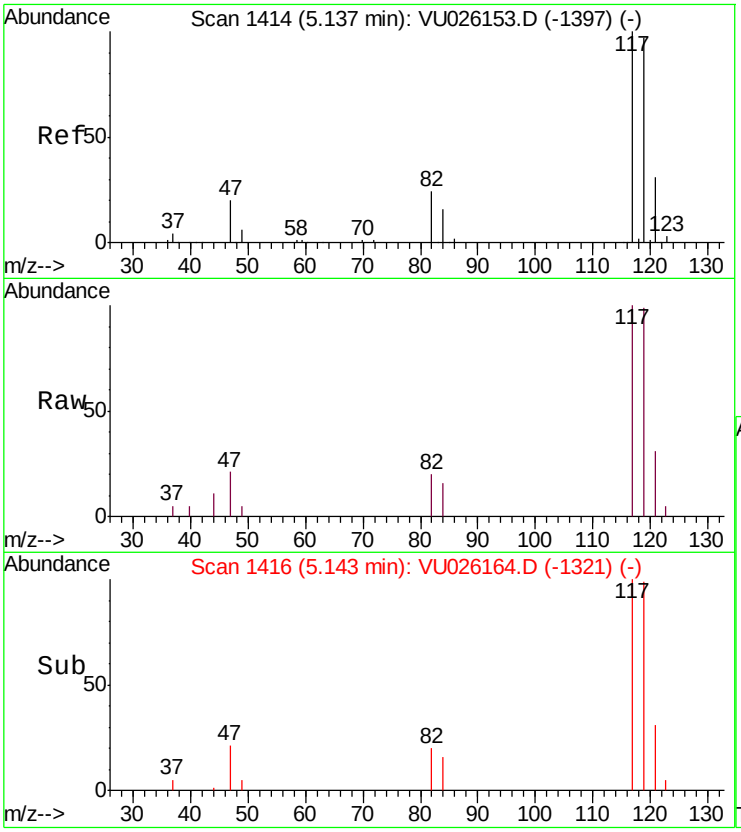


#30
1,1,1-Trichloroethane
Concen: 2.354 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 97 Resp: 7396

Ion	Ratio	Lower	Upper
97	100		
99	61.2	52.2	78.2
61	41.9	35.4	53.0



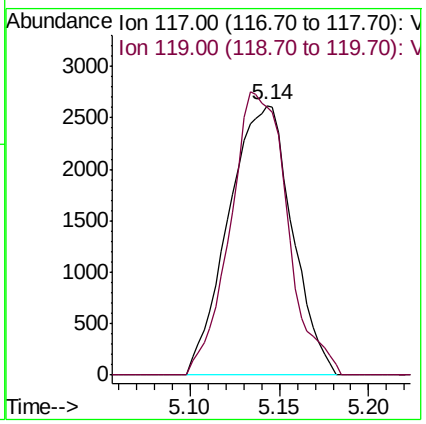


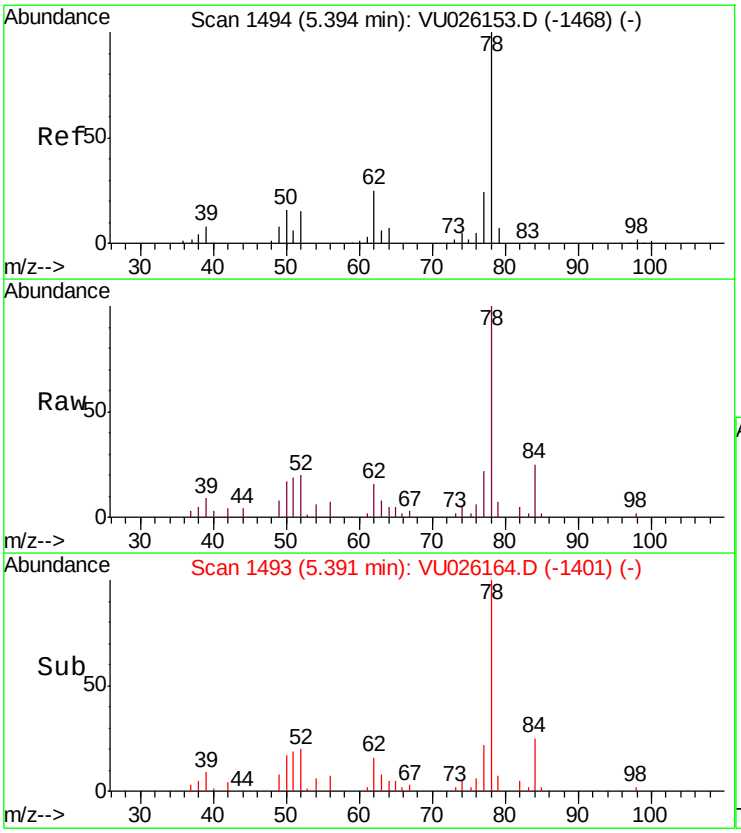
#31
Carbon tetrachloride
Concen: 2.286 ug/L
RT: 5.14 min Scan# 1416
Delta R.T. 0.01 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:117 Resp: 6508

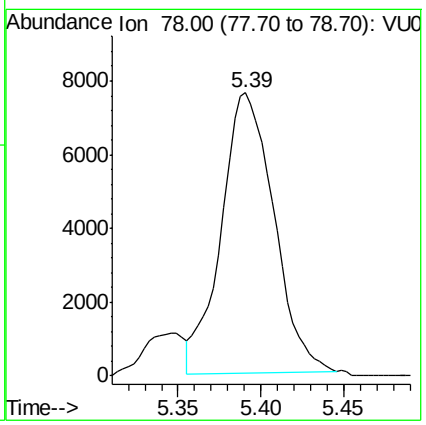
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.2

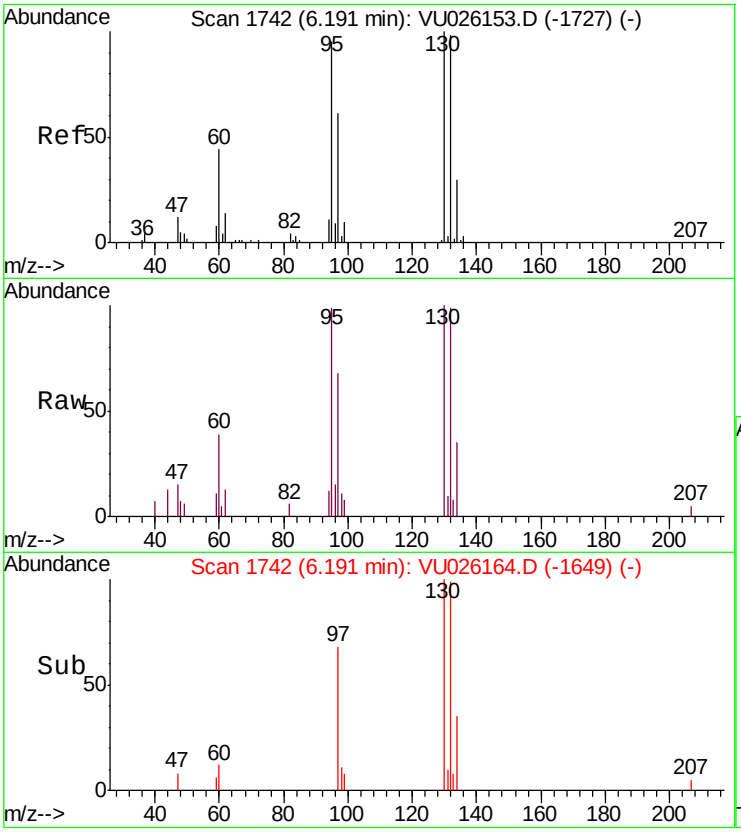




#33
Benzene
Concen: 2.360 ug/L
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 78 Resp: 16807



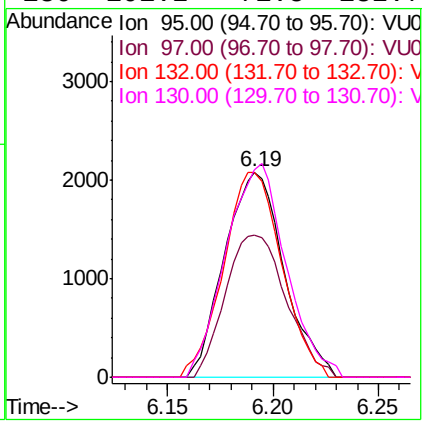


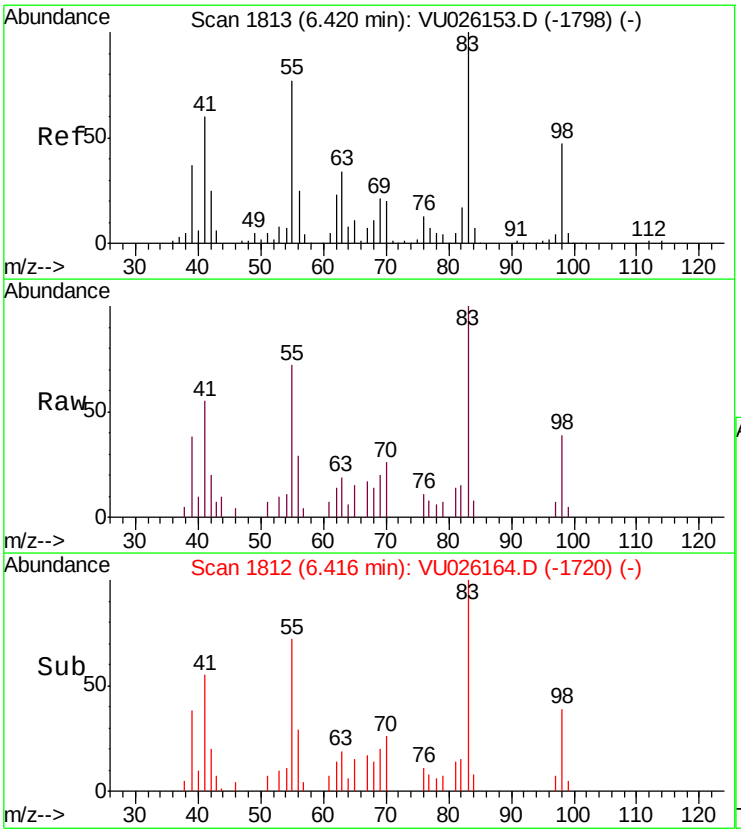
#34
Trichloroethene
Concen: 2.202 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 95 Resp: 4085

Ion	Ratio	Lower	Upper
95	100		
97	69.1	45.7	84.9
132	100.0	68.8	127.8
130	101.2	71.5	132.7

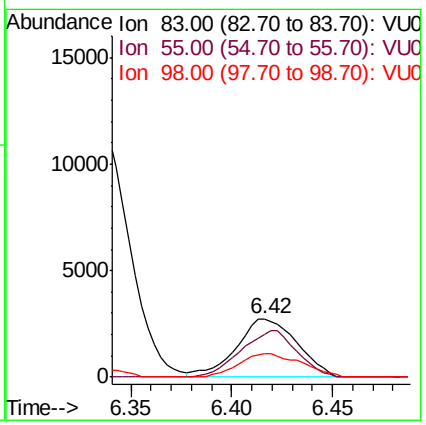


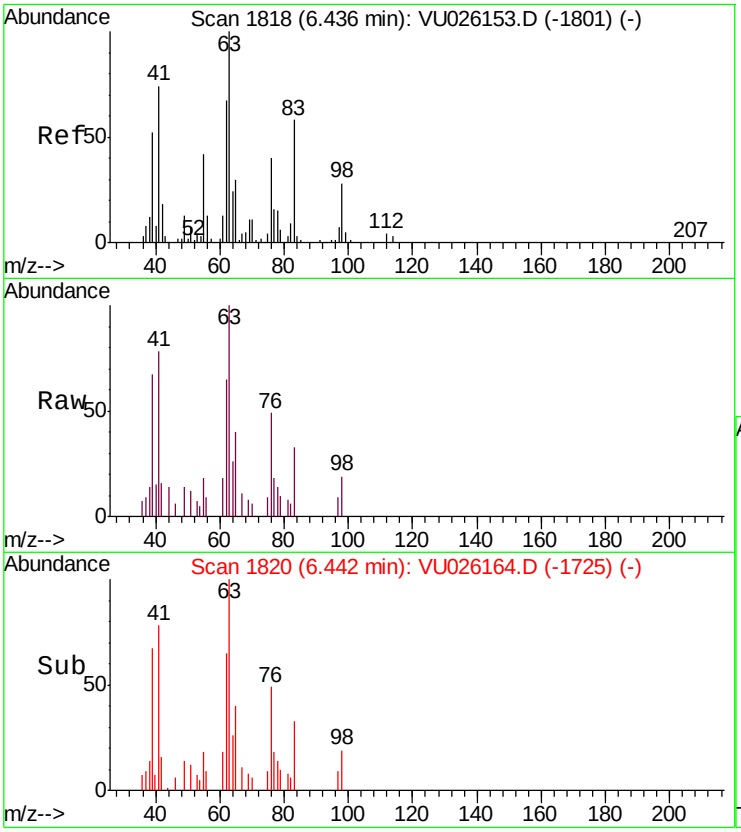


#35
Methylcyclohexane
Concen: 2.060 ug/L
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 83 Resp: 5736

Ion	Ratio	Lower	Upper
83	100		
55	73.5	61.0	91.6
98	41.0	37.6	56.4



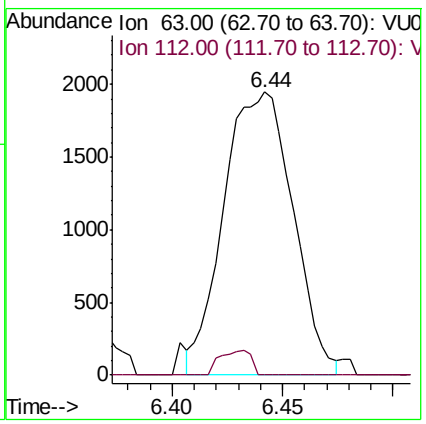


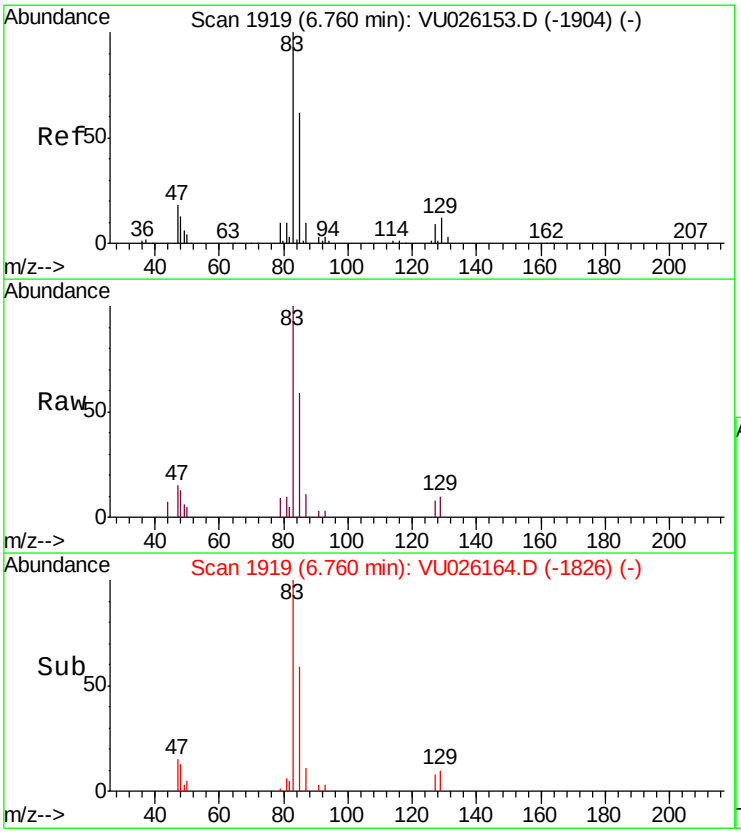
#37
1,2-Dichloropropane
Concen: 2.134 ug/L
RT: 6.44 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 63 Resp: 4243

Ion	Ratio	Lower	Upper
63	100		
112	4.0	3.5	5.3

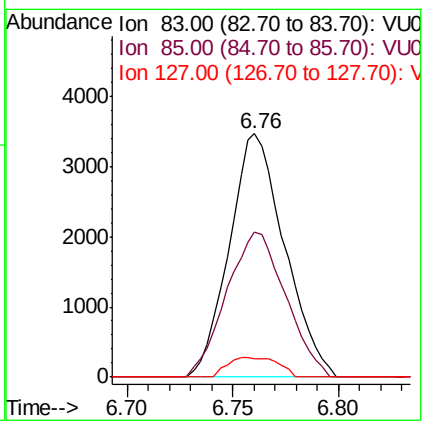


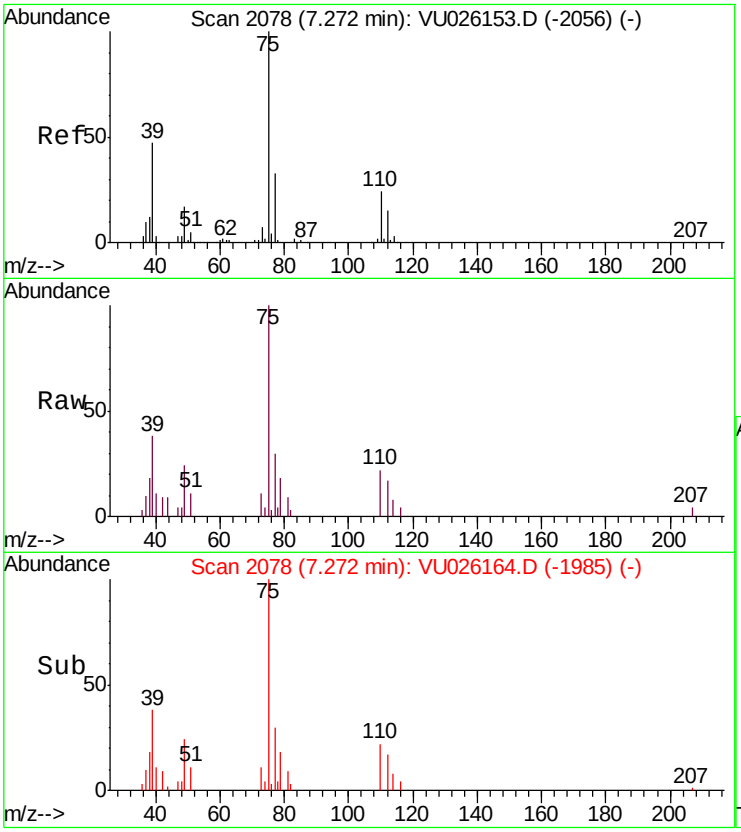


#38
Bromodichloromethane
Concen: 2.394 ug/L
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 83 Resp: 6304

Ion	Ratio	Lower	Upper
83	100		
85	59.5	46.0	85.4
127	7.5	7.5	11.3#



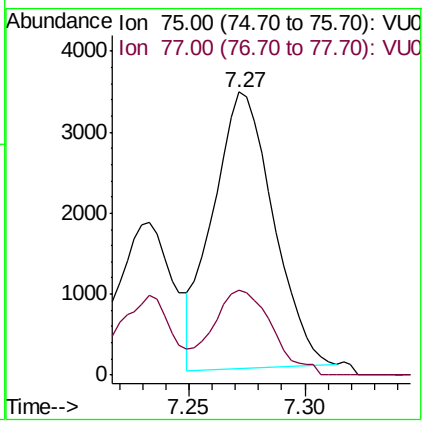


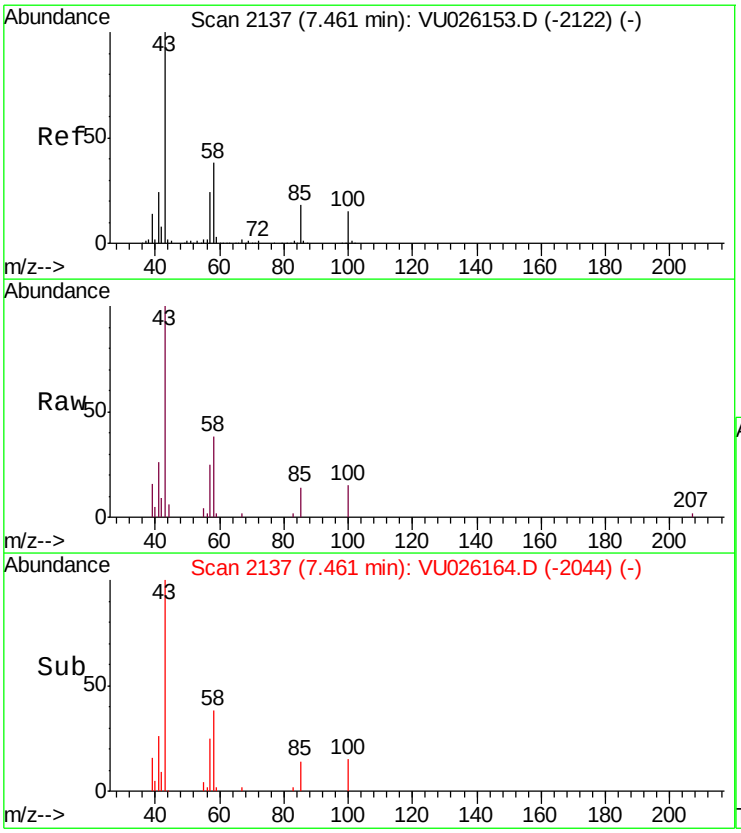
#39
cis-1,3-Dichloropropene
Concen: 2.078 ug/L
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 6136

Ion	Ratio	Lower	Upper
75	100		
77	30.0	22.2	41.2

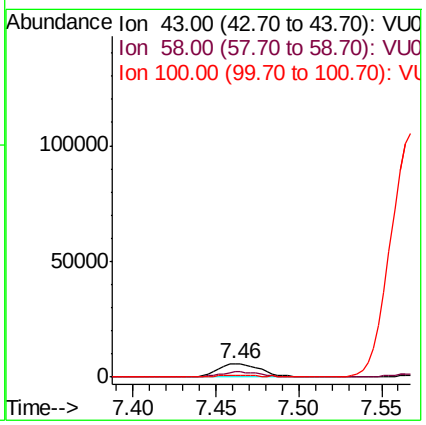


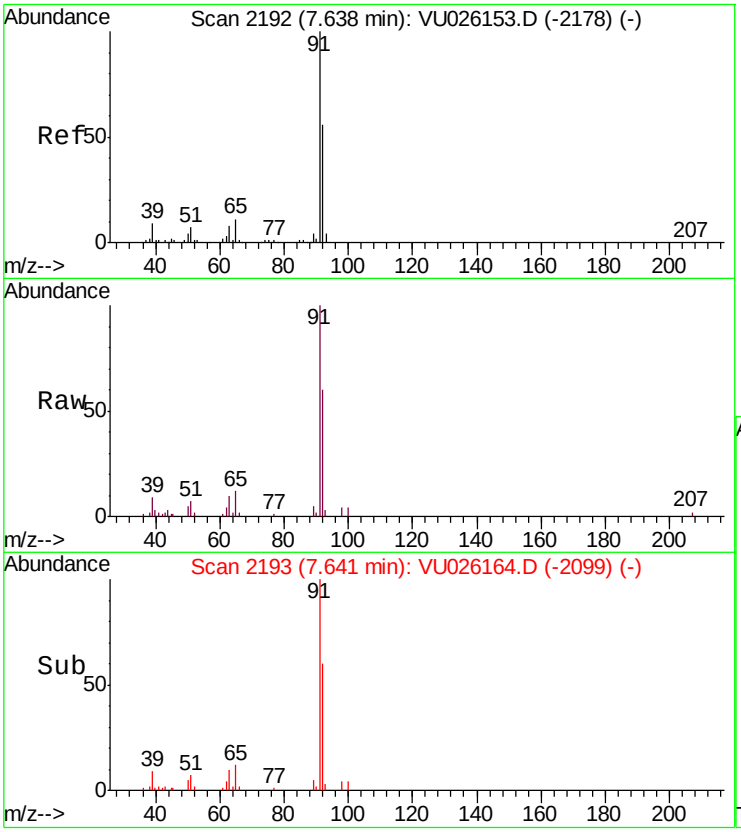


#40
4-Methyl-2-pentanone
Concen: 4.309 ug/L
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 43 Resp: 10630

Ion	Ratio	Lower	Upper
43	100		
58	36.2	31.8	47.8
100	13.6	12.2	18.2



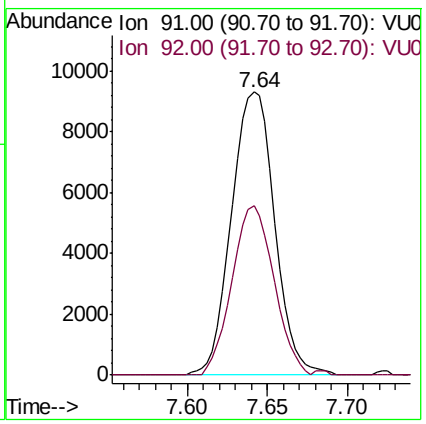


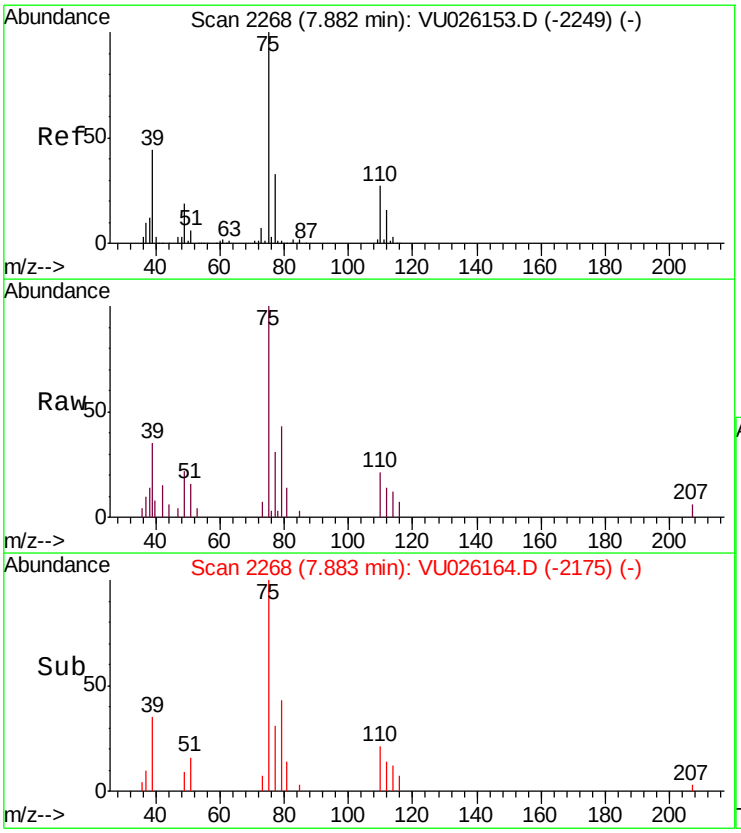
#42
Toluene
Concen: 2.273 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 17186

Ion	Ratio	Lower	Upper
91	100		
92	59.8	40.0	74.4

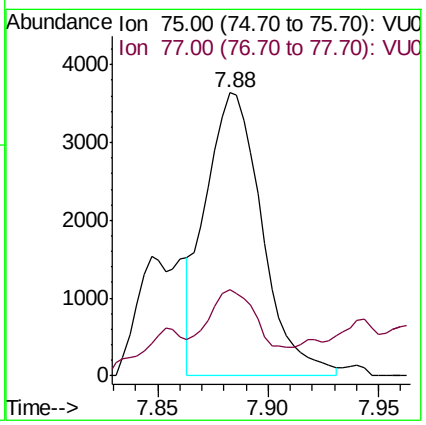


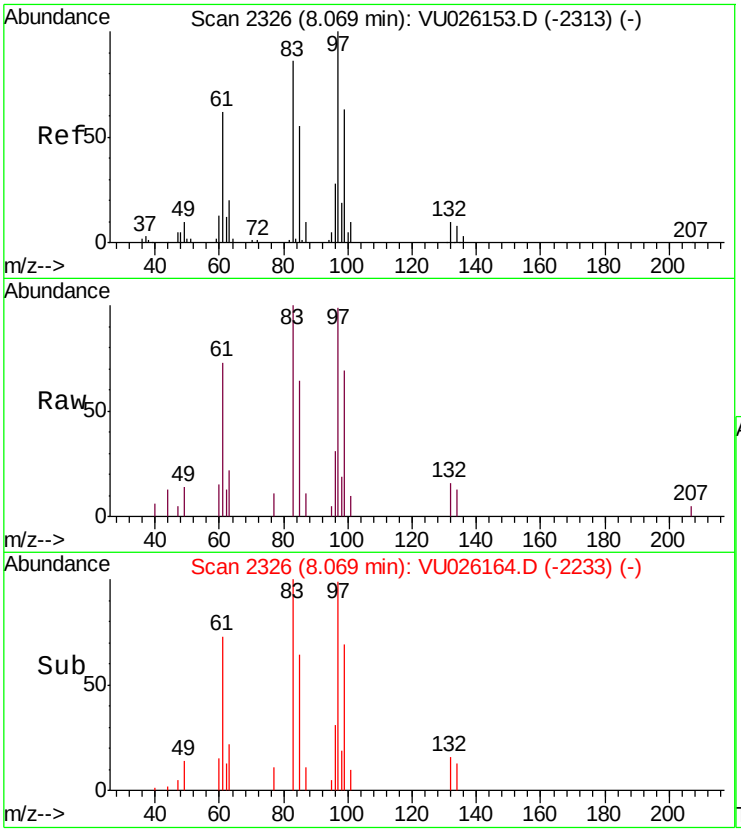


#44
trans-1,3-Dichloropropene
Concen: 2.274 ug/L
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 75 Resp: 6468

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.0	41.0



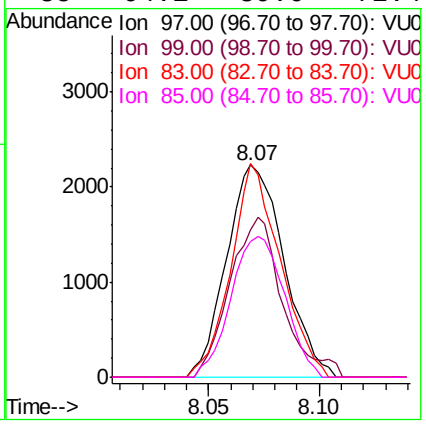


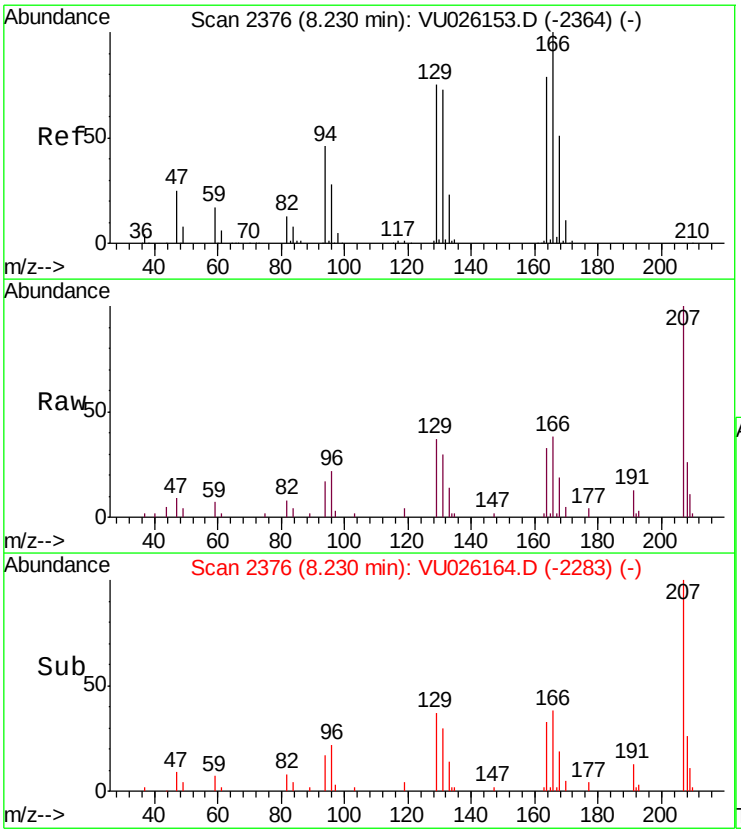
#45
1,1,2-Trichloroethane
Concen: 2.135 ug/L
RT: 8.07 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 97 Resp: 4026

Ion	Ratio	Lower	Upper
97	100		
99	69.3	43.3	80.5
83	100.8	58.4	108.6
85	64.1	39.0	72.4

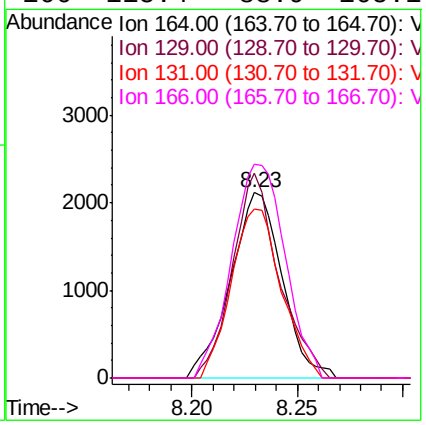


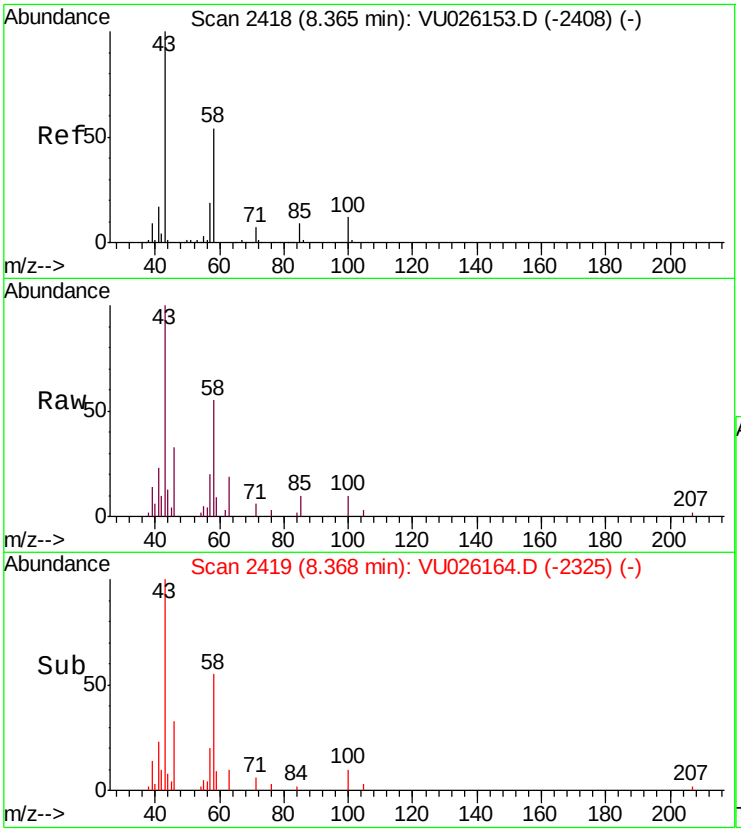


#46
Tetrachloroethene
Concen: 2.254 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:164 Resp: 3606

Ion	Ratio	Lower	Upper
164	100		
129	110.7	65.7	121.9
131	91.4	62.0	115.2
166	115.4	88.9	165.1



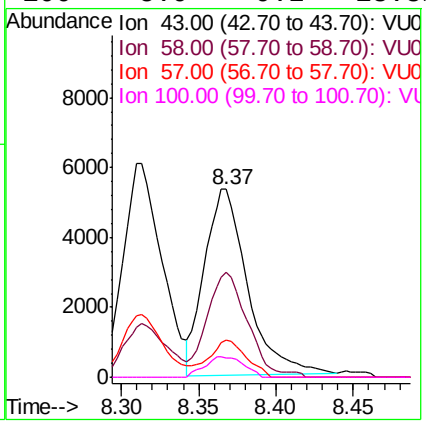


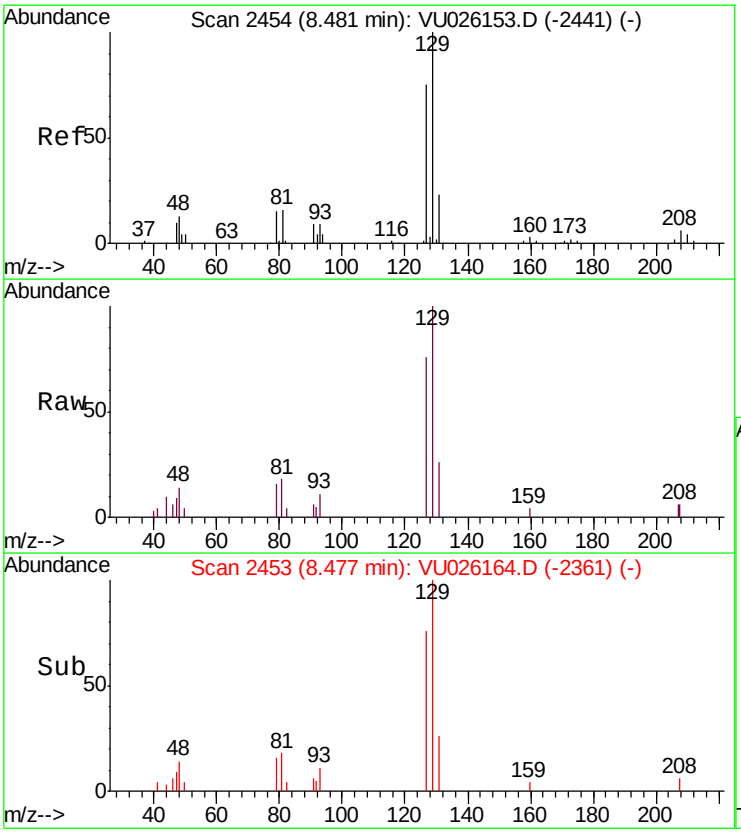
#48
2-Hexanone
Concen: 5.319 ug/L
RT: 8.37 min Scan# 2419
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 43 Resp: 10281

Ion	Ratio	Lower	Upper
43	100		
58	48.6	42.9	64.3
57	17.0	15.1	22.7
100	5.9	9.2	13.8#

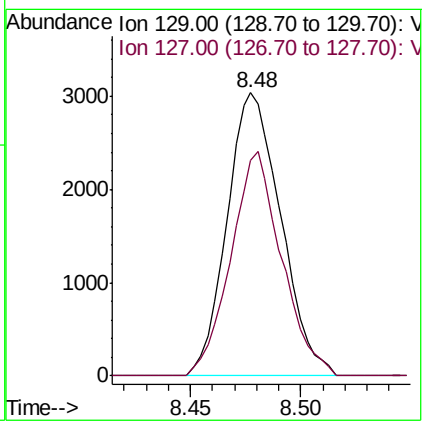


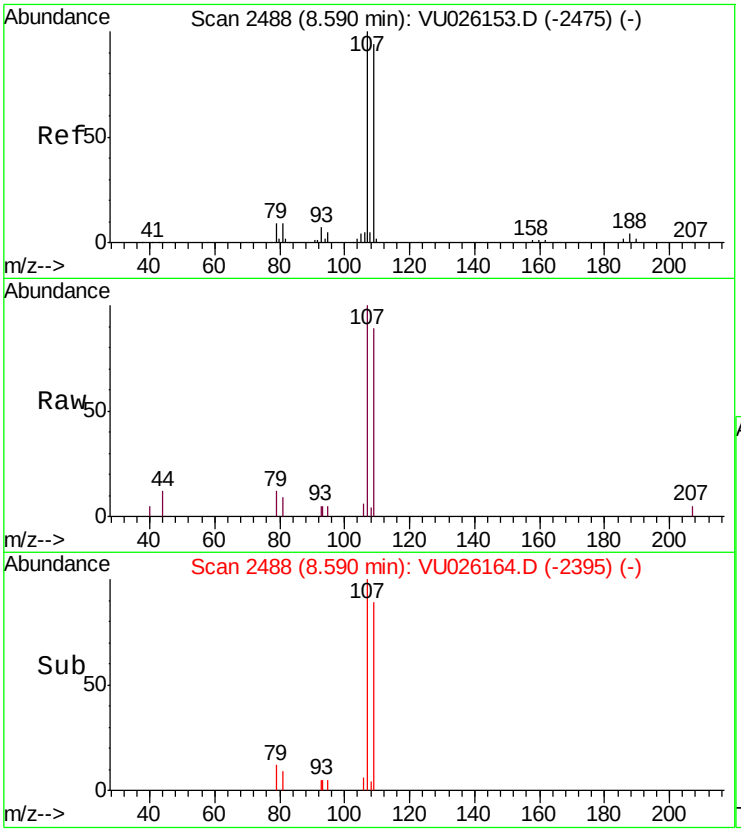


#49
Dibromochloromethane
Concen: 2.262 ug/L
RT: 8.48 min Scan# 2453
Delta R.T. -0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:129 Resp: 5138

Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.6	101.4



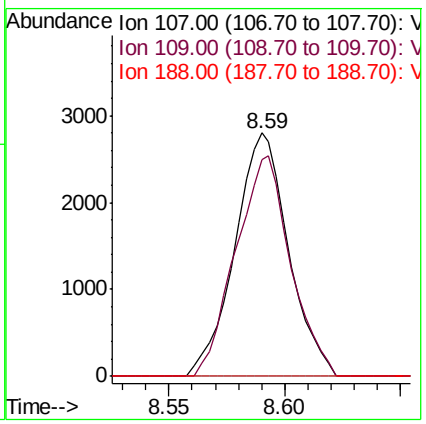


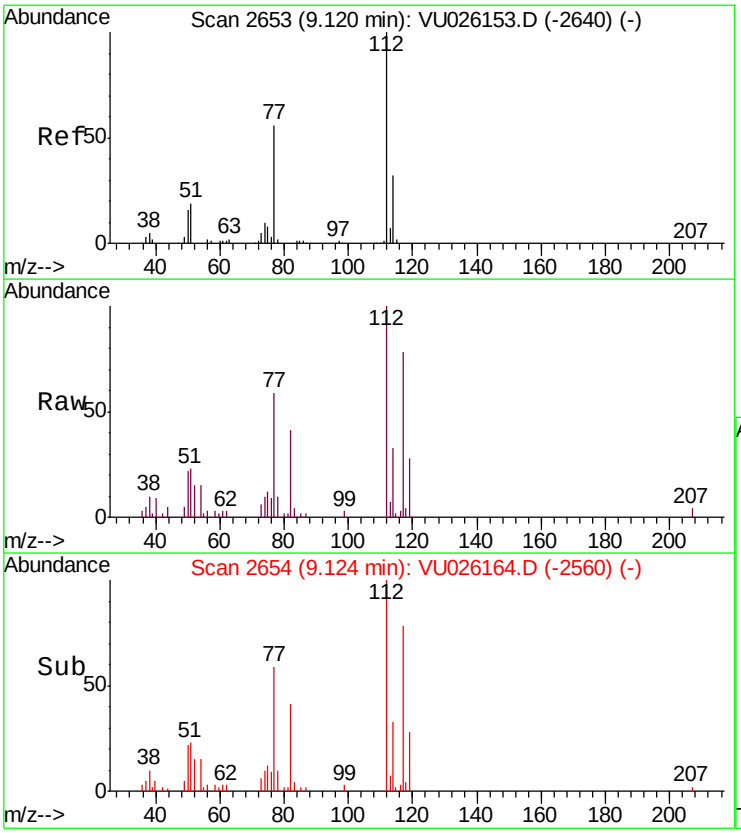
#50
1,2-Dibromoethane
Concen: 2.302 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:107 Resp: 4507

Ion	Ratio	Lower	Upper
107	100		
109	89.1	66.1	122.7
188	0.0	3.2	4.8#

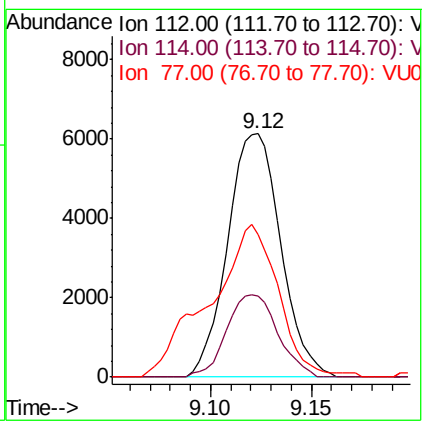


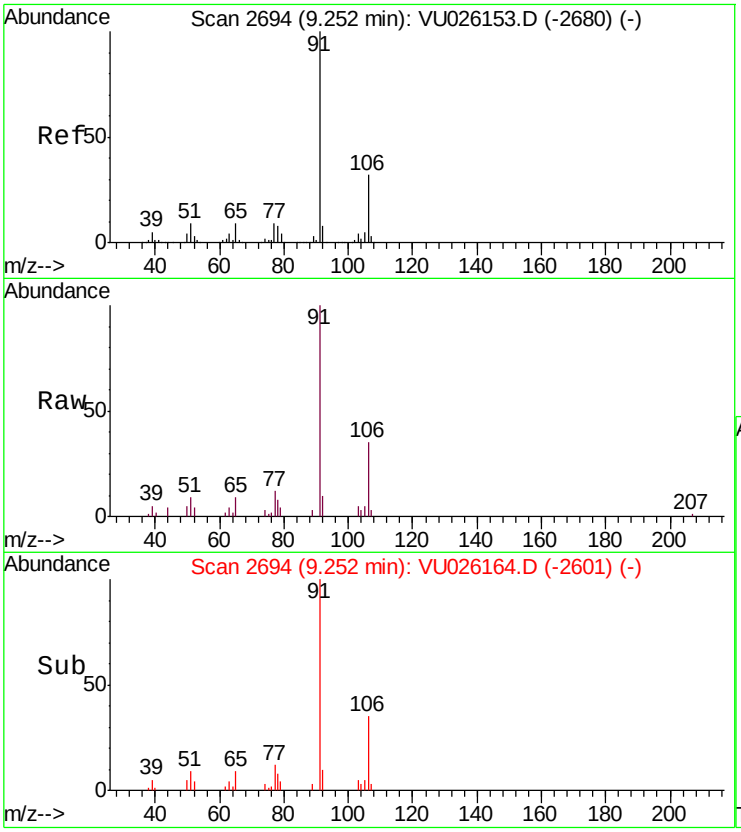


#51
Chlorobenzene
Concen: 2.194 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:112 Resp: 11339

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.5	41.9
77	58.8	45.0	67.4



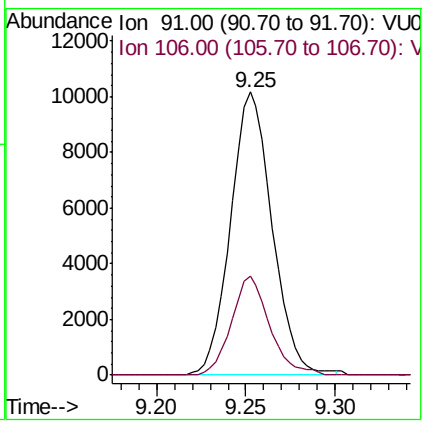


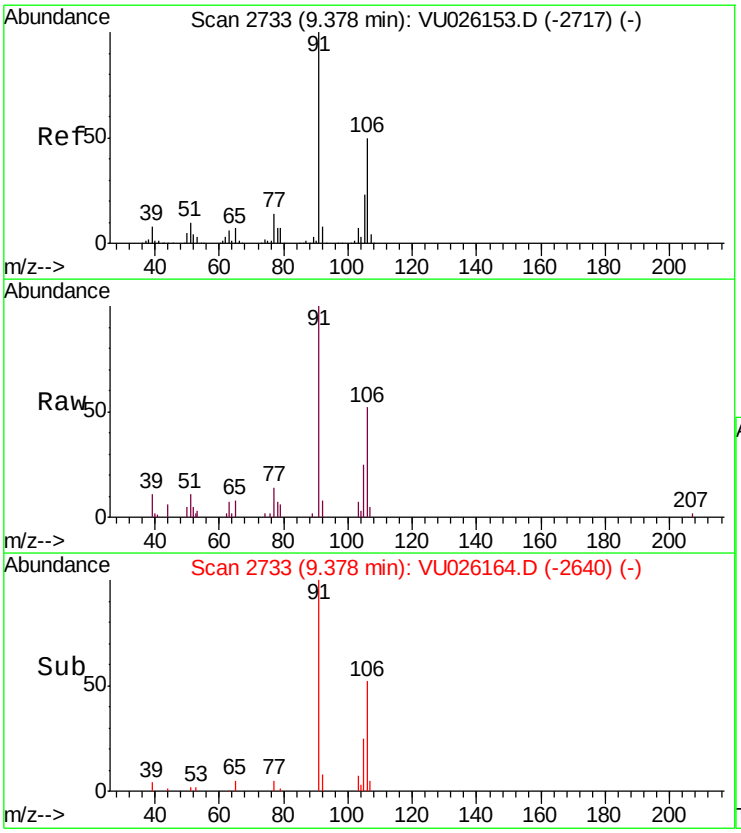
#52
Ethylbenzene
Concen: 2.008 ug/L
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 16545

Ion	Ratio	Lower	Upper
91	100		
106	35.0	22.3	41.5

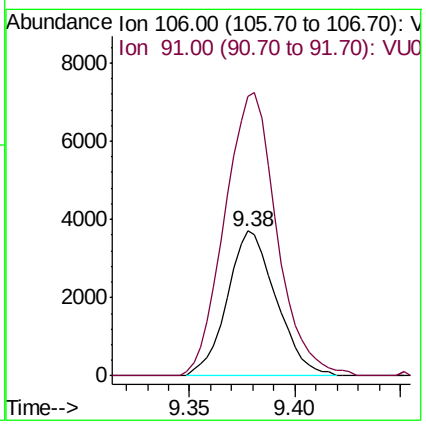


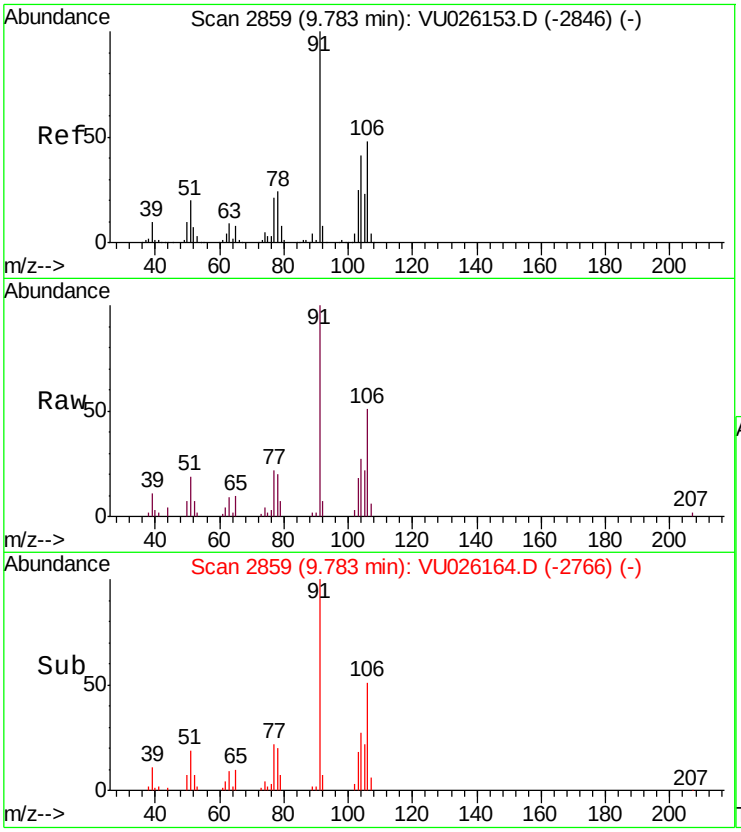


#53
m,p-Xylene
Concen: 1.874 ug/L
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:106 Resp: 5950

Ion	Ratio	Lower	Upper
106	100		
91	192.5	139.2	258.4



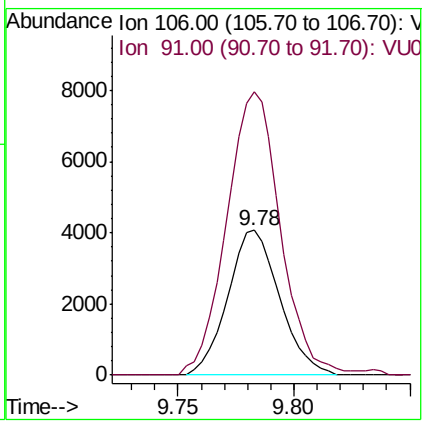


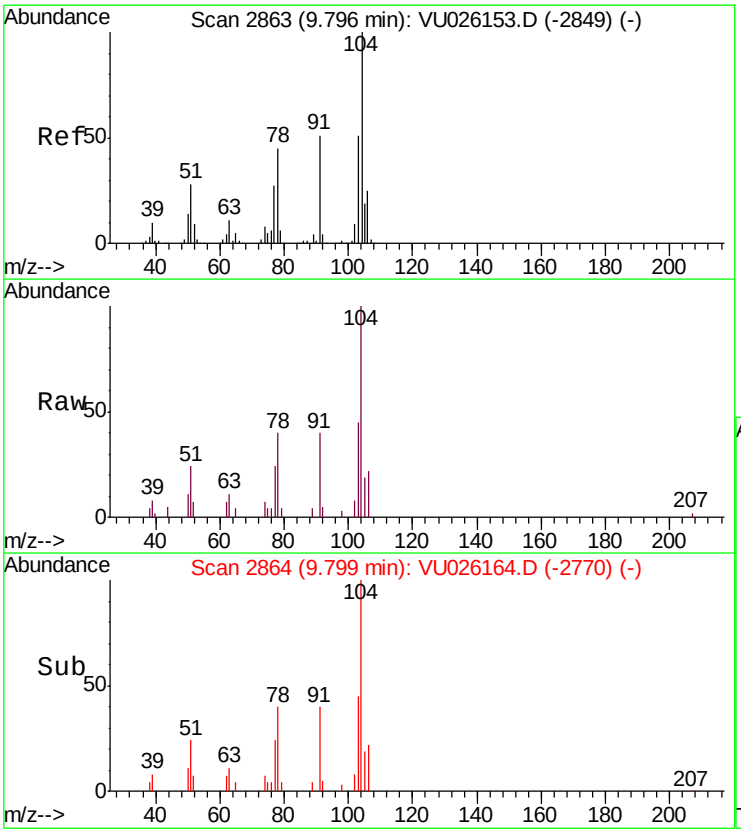
#54
o-xylene
Concen: 1.997 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 6326

Ion	Ratio	Lower	Upper
106	100		
91	195.5	148.0	274.8

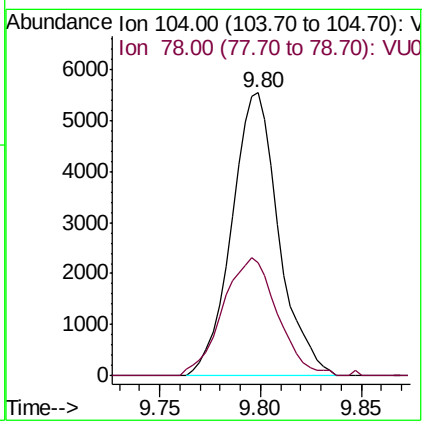


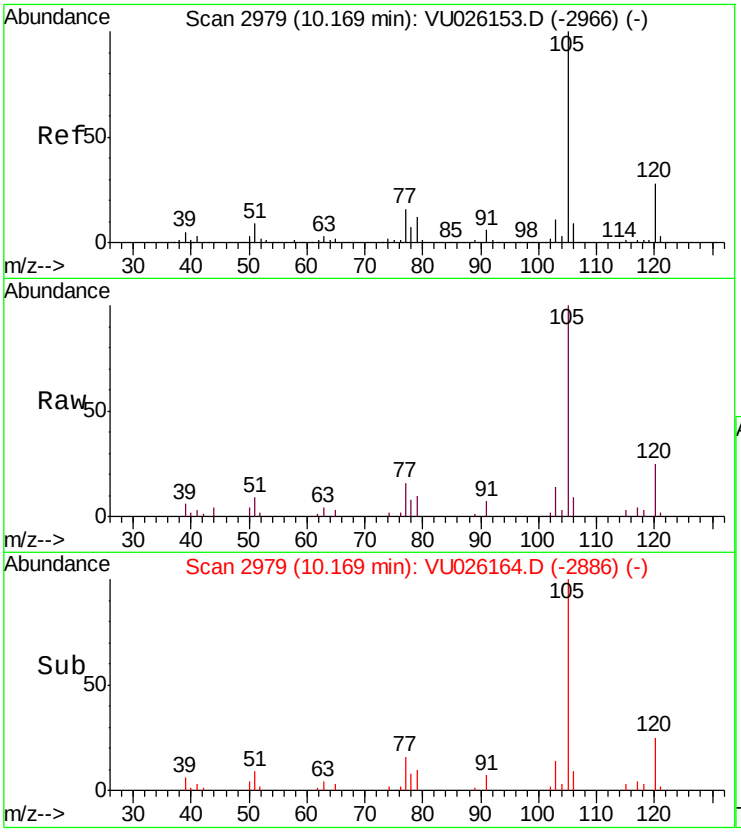


#55
Styrene
Concen: 1.719 ug/L
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:104 Resp: 9067

Ion	Ratio	Lower	Upper
104	100		
78	40.2	30.9	57.5



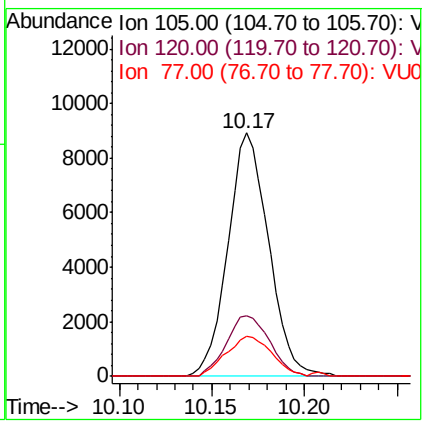


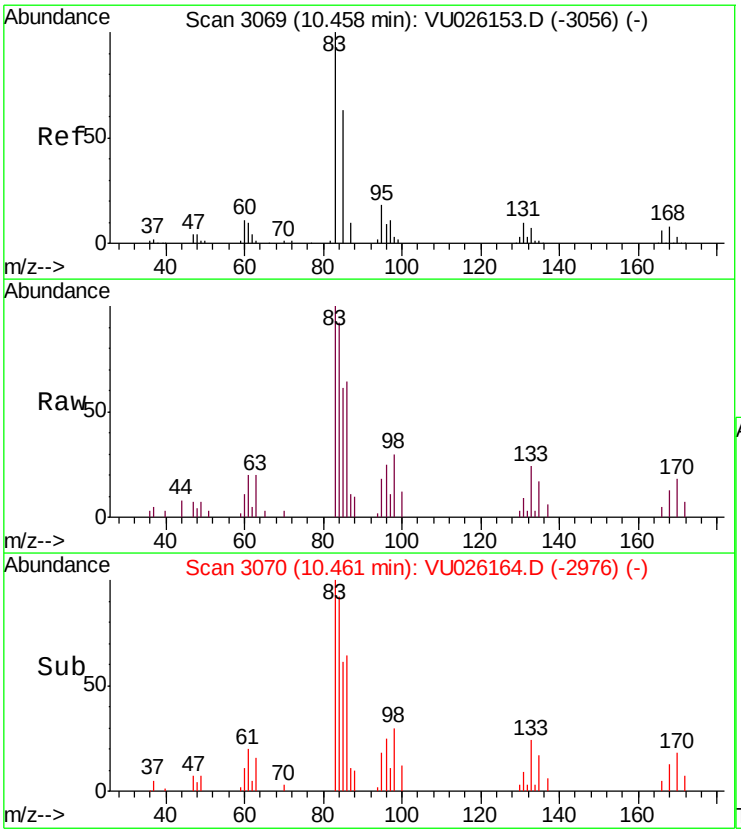
#56
Isopropylbenzene
Concen: 1.676 ug/L
RT: 10.17 min Scan# 2979
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 13631

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.5	32.3
77	18.1	12.3	18.5

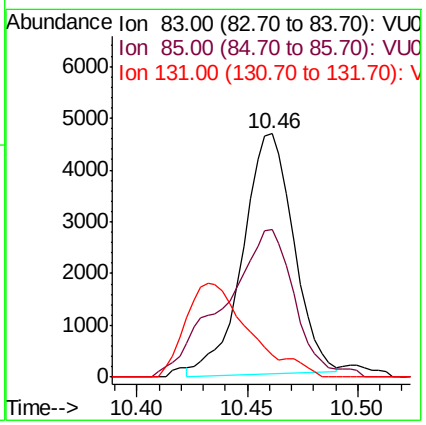


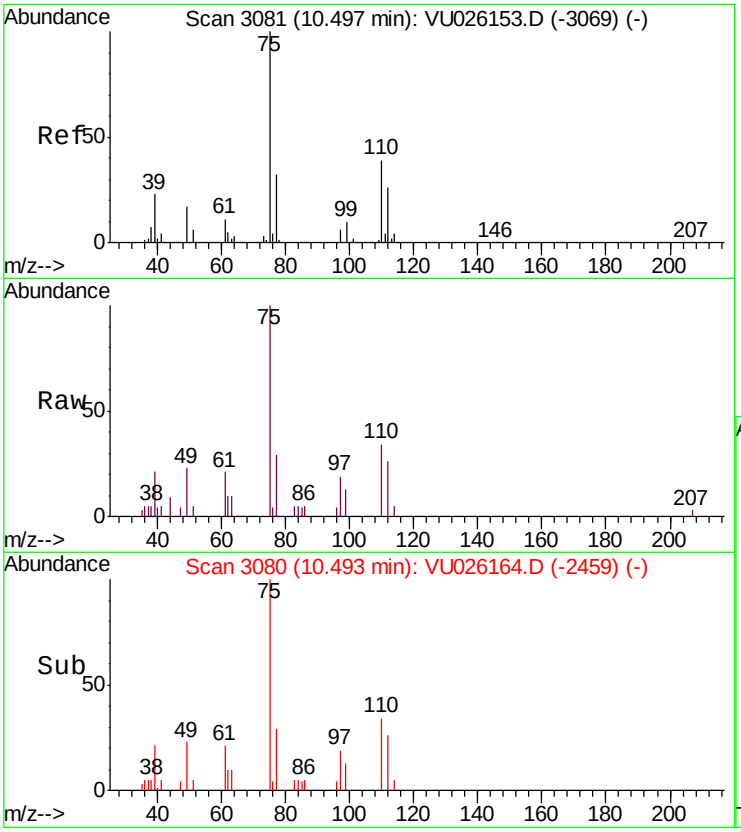


#58
1,1,2,2-Tetrachloroethane
Concen: 2.350 ug/L
RT: 10.46 min Scan# 3070
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 83 Resp: 7400

Ion	Ratio	Lower	Upper
83	100		
85	60.7	45.0	83.6
131	9.1	8.4	12.6



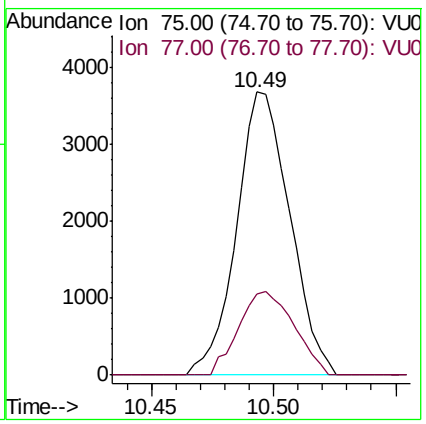


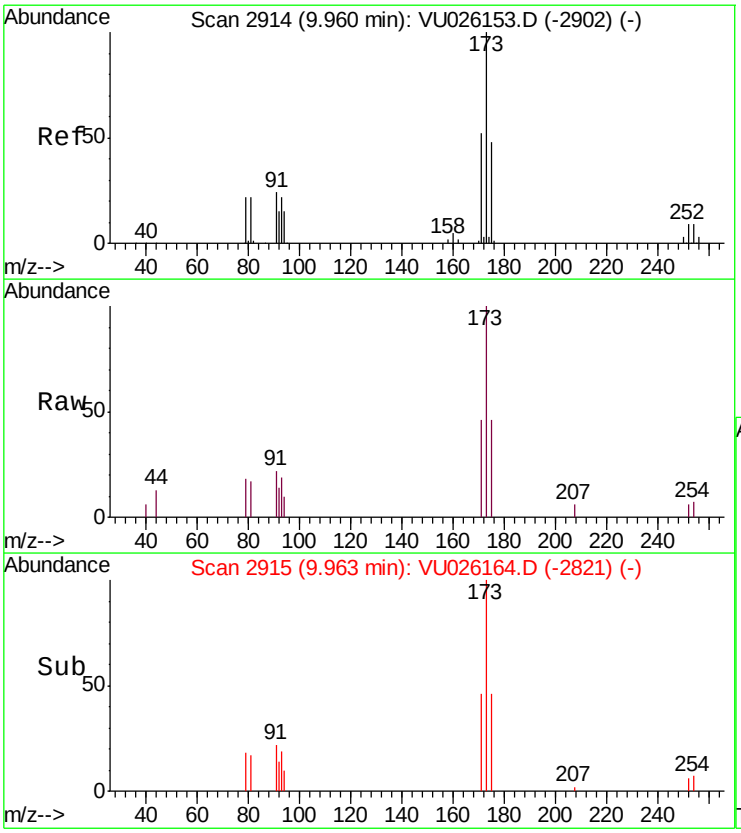
#59
1,2,3-Trichloropropane
Concen: 2.277 ug/L
RT: 10.49 min Scan# 3080
Delta R.T. -0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 75 Resp: 5578

Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.1	39.1

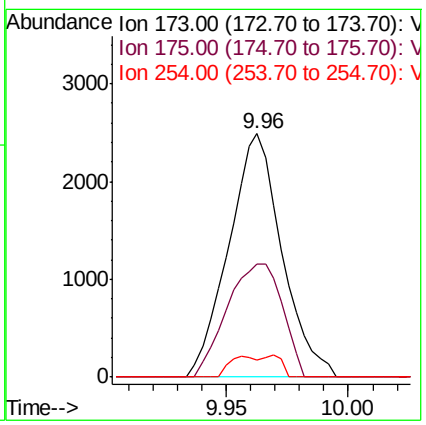


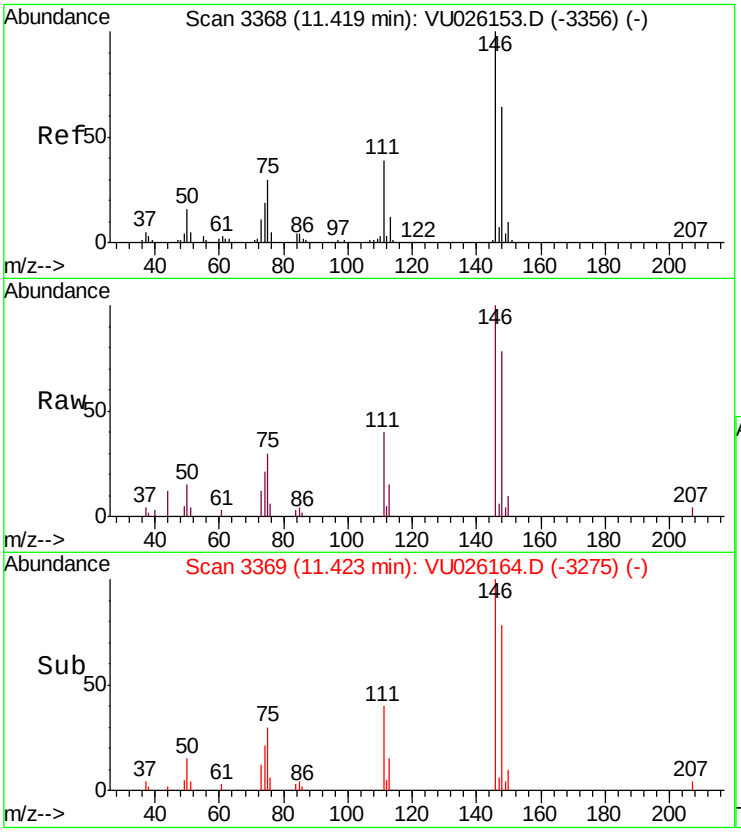


#61
Bromoform
Concen: 2.556 ug/L
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:173 Resp: 3760

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.8	58.2
254	3.1	7.3	10.9#



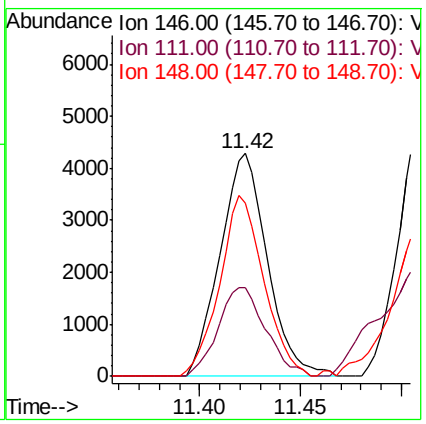


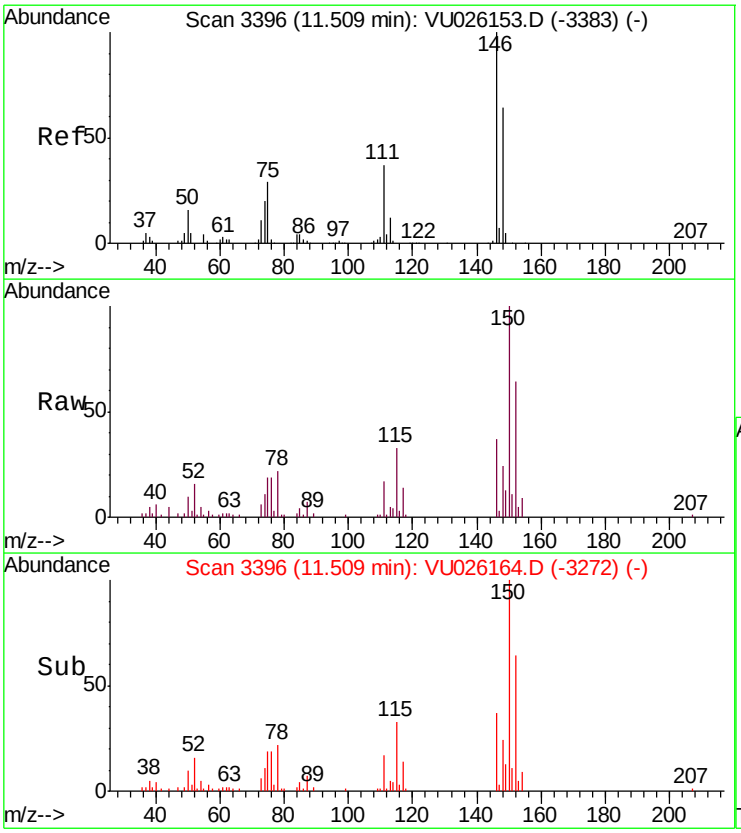
#62
1,3-Dichlorobenzene
Concen: 2.082 ug/L
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 7020

Ion	Ratio	Lower	Upper
146	100		
111	39.7	26.7	49.7
148	77.9	44.1	81.9

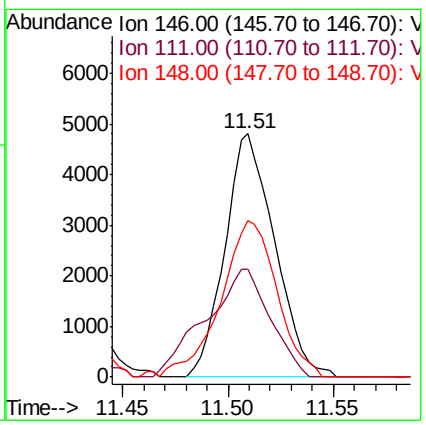


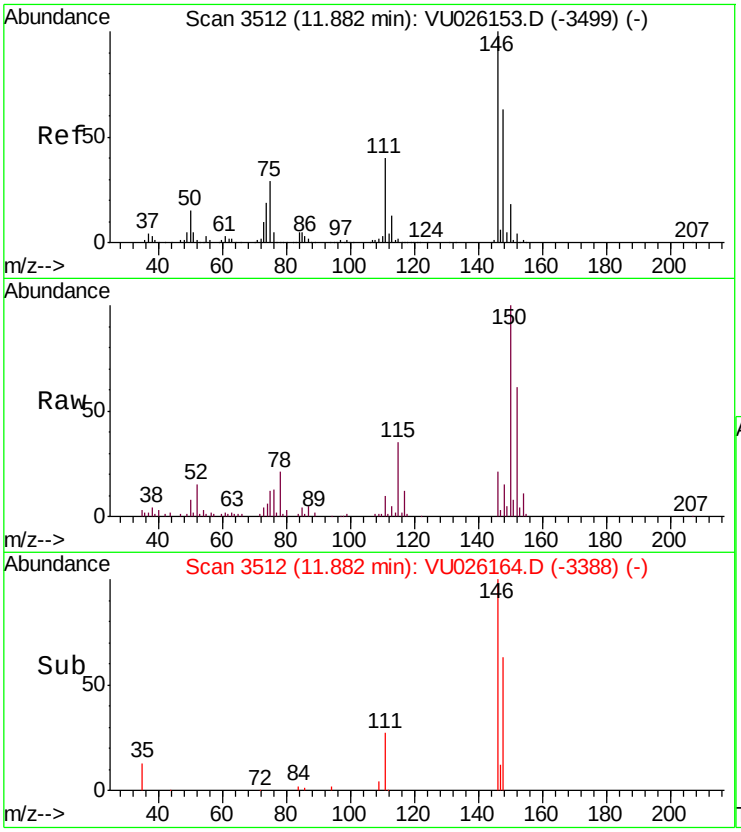


#63
1,4-Dichlorobenzene
Concen: 2.263 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:146 Resp: 7871

Ion	Ratio	Lower	Upper
146	100		
111	44.5	27.5	51.1
148	64.2	44.8	83.2



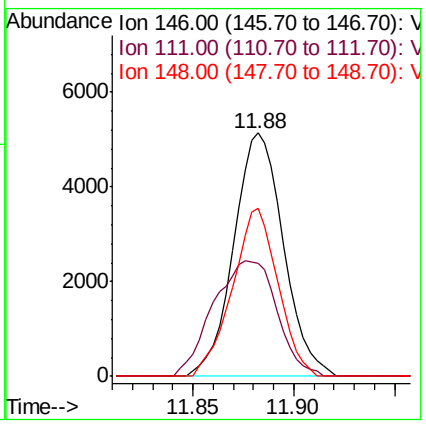


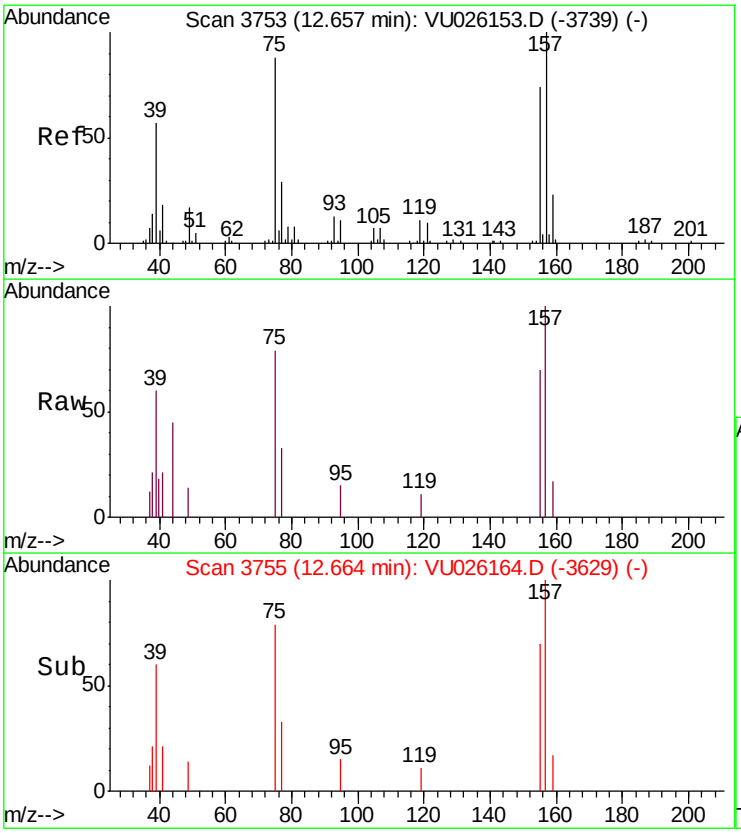
#65
1,2-Dichlorobenzene
Concen: 2.455 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 8847

Ion	Ratio	Lower	Upper
146	100		
111	46.3	32.7	49.1
148	69.0	51.4	77.2

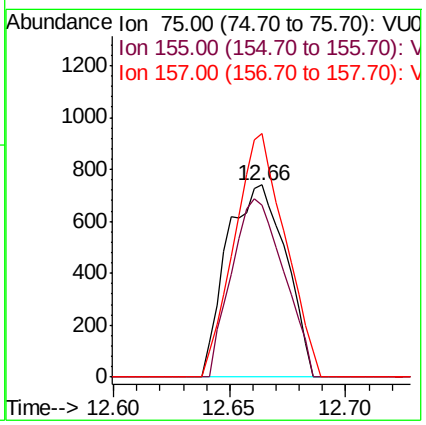


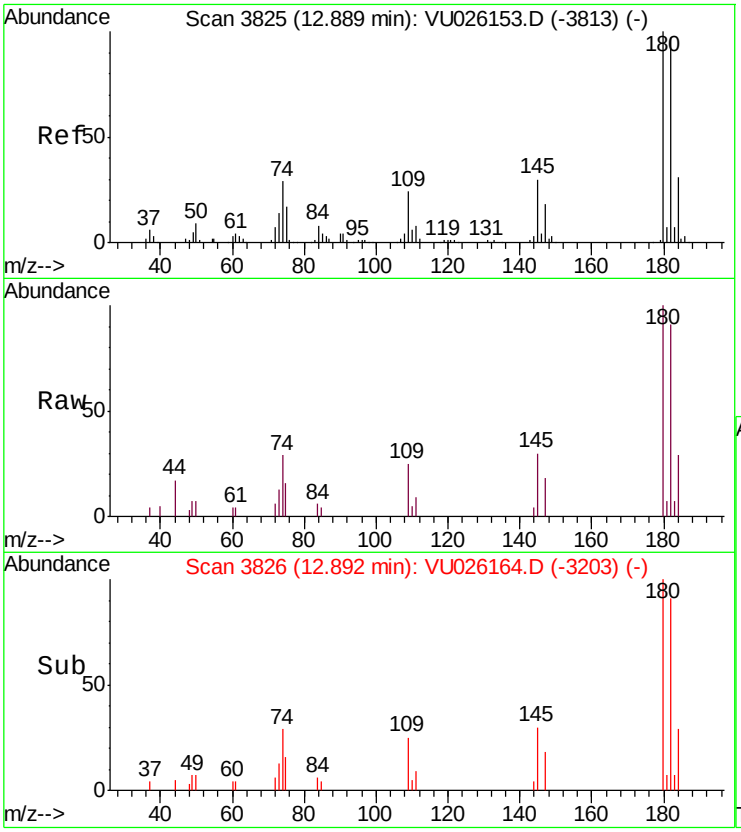


#66
1,2-Dibromo-3-chloropropane
Concen: 2.289 ug/L
RT: 12.66 min Scan# 3755
Delta R.T. 0.01 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion: 75 Resp: 1308

Ion	Ratio	Lower	Upper
75	100		
155	89.4	68.2	102.2
157	126.9	90.5	135.7



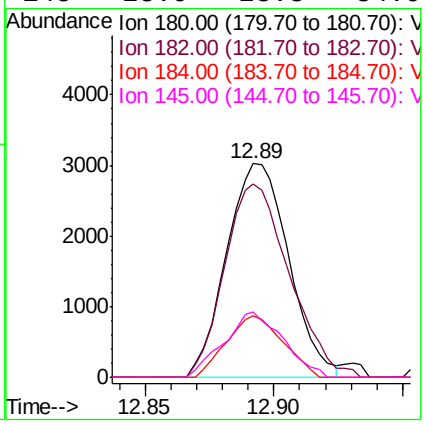


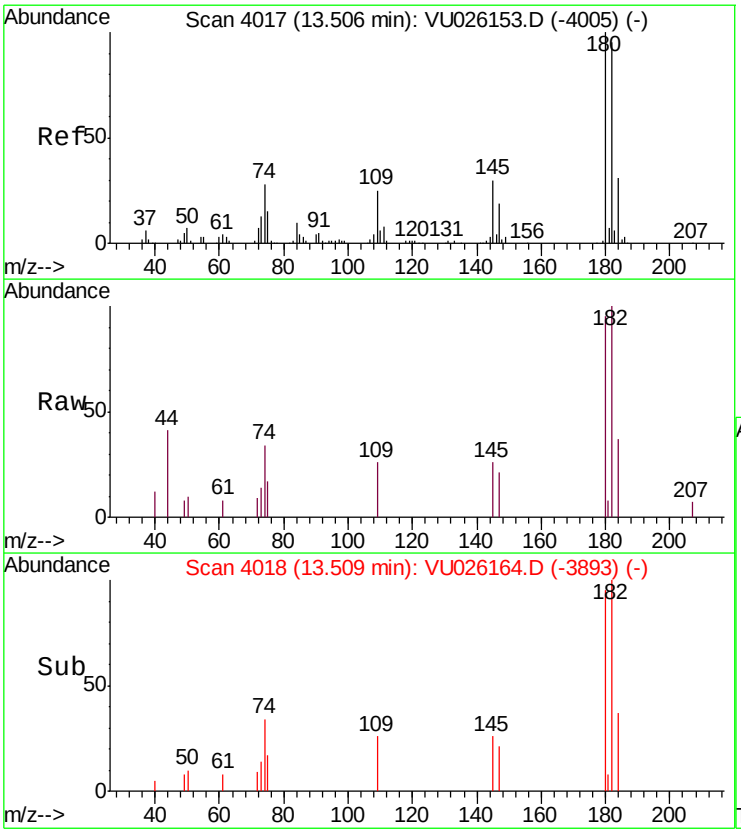
#67
1,3,5-Trichlorobenzene
Concen: 2.045 ug/L
RT: 12.89 min Scan# 3826
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 5094

Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.6	113.4
184	26.0	24.3	36.5
145	28.9	23.3	34.9

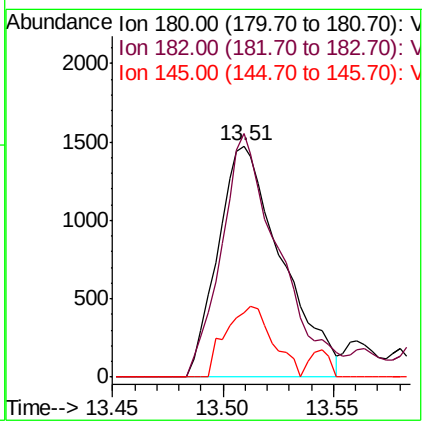


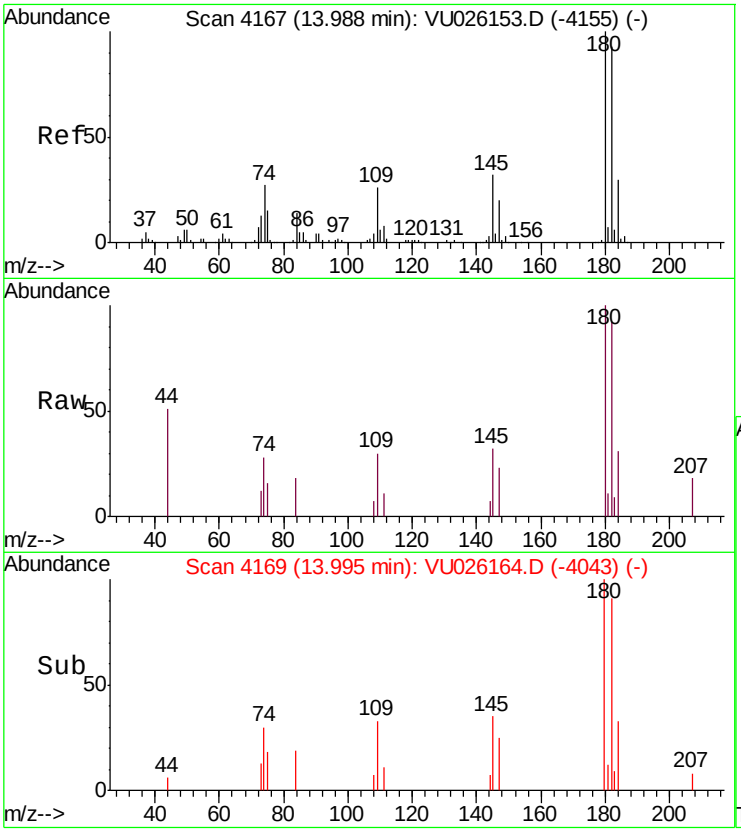


#68
1,2,4-trichlorobenzene
Concen: 1.564 ug/L
RT: 13.51 min Scan# 4018
Delta R.T. 0.00 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Tgt Ion:180 Resp: 2951

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.8	115.2
145	22.8	23.8	35.6#





#70
1,2,3-Trichlorobenzene
Concen: 1.414 ug/L
RT: 13.99 min Scan# 4169
Delta R.T. 0.01 min
Lab File: VU026164.D
Acq: 15 Aug 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 2860

Ion	Ratio	Lower	Upper
180	100		
182	102.1	77.1	115.7
145	26.5	25.1	37.7