Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

Quantitation Report (Not Reviewed)

Data File : VU027779.D
Acq On : 24 Oct 2018 12:35
Operator : MD/SY
Sample : MDL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL03

Quant Time: Oct 25 04:38:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	39785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	38638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18521	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	16312	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.68	69	12443	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.28	63	24041	3.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.60%			
20) 2-Butanone-d5	4.22	46	51882	52.61	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.22%			
24) Chloroform-d	4.65	84	28720	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.31	65	17536	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.34	84	54652	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
36) 1,2-Dichloropropane-d6	6.33	67	19701	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.57	98	51524	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
43) trans-1,3-Dichloropropene-	7.85	79	7560	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.80%			
46) 2-Hexanone-d5	8.32	63	42657	52.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.24%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14137	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	18497	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	723	0.187	ug/L	91
3) Chloromethane	1.33	50	926	0.214	ug/L	100
5) Vinyl chloride	1.40	62	995	0.239	ug/L #	59
6) Bromomethane	1.63	94	488	0.228	ug/L	92
8) Chloroethane	1.70	64	447	0.198	ug/L #	83
9) Trichlorofluoromethane	1.89	101	1217	0.221	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	712	0.256	ug/L #	69
12) 1,1-Dichloroethene	2.29	96	711	0.274	ug/L #	1
13) Acetone	2.36	43	1789	2.517	ug/L	70
14) Carbon disulfide	2.48	76	2176	0.244	ug/L	97
15) Methyl Acetate	2.64	43	824	0.414	ug/L #	57
16) Methylene chloride	2.71	84	1077	0.352	ug/L	81
17) Methyl tert-butyl Ether	3.01	73	1589	0.191	ug/L #	83
18) trans-1,2-Dichloroethene	2.99	96	474	0.171	ug/L #	60
19) 1,1-Dichloroethane	3.45	63	1409	0.229	ug/L #	89
21) 2-Butanone	4.31	43	2887	2.475	ug/L #	71
22) cis-1,2-Dichloroethene	4.23	96	706	0.214	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

Quantitation Report (Not Reviewed)

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Acq On : 24 Oct 2018 12:35
Operator : MD/SY
Sample : MDL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL03

Quant Time: Oct 25 04:38:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.67	83	1528	0.247	ug/L		91
27) 1,2-Dichloroethane	5.41	62	923	0.202	ug/L	#	79
29) 1,1,1-Trichloroethane	4.91	97	1194	0.215	ug/L	#	79
30) Cyclohexane	5.00	56	1209	0.194	ug/L		99
31) Carbon tetrachloride	5.13	117	496	0.104	ug/L	#	2
33) Benzene	5.39	78	2902	0.226	ug/L		100
34) Trichloroethene	6.19	95	634	0.191	ug/L		82
35) Methylcyclohexane	6.42	83	1130	0.203	ug/L		91
37) 1,2-Dichloropropane	6.45	63	791	0.210	ug/L	#	90
38) Bromodichloromethane	6.76	83	871	0.194	ug/L	#	93
39) cis-1,3-Dichloropropene	7.27	75	971	0.180	ug/L		89
40) 4-Methyl-2-pentanone	7.47	43	5781	2.051	ug/L	#	89
42) Toluene	7.64	91	3006	0.217	ug/L		85
44) trans-1,3-Dichloropropene	7.89	75	887	0.195	ug/L		92
45) 1,1,2-Trichloroethane	8.07	97	390	0.171	ug/L	#	69
47) Tetrachloroethene	8.22	164	501	0.185	ug/L	#	79
48) 2-Hexanone	8.37	43	5309	2.651	ug/L	#	90
49) Dibromochloromethane	8.48	129	487	0.168	ug/L		99
50) 1,2-Dibromoethane	8.59	107	353	0.160	ug/L	#	85
51) Chlorobenzene	9.12	112	1945	0.229	ug/L		93
52) Ethylbenzene	9.25	91	3532	0.220	ug/L		100
53) m,p-xylene	9.38	106	1121	0.197	ug/L		93
54) o-xylene	9.78	106	1184	0.213	ug/L		75
55) Styrene	9.80	104	1808	0.192	ug/L		84
56) Isopropylbenzene	10.17	105	3070	0.200	ug/L		96
58) 1,1,2,2-Tetrachloroethane	10.46	83	589	0.197	ug/L	#	86
59) 1,2,3-Trichloropropane	11.48	75	3138	1.322	ug/L		98
61) Bromoform	9.96	173	258	0.166	ug/L	#	37
62) 1,3-Dichlorobenzene	11.41	146	1452	0.223	ug/L		97
63) 1,4-Dichlorobenzene	11.51	146	1571	0.239	ug/L		95
65) 1,2-Dichlorobenzene	11.88	146	1297	0.212	ug/L	#	89
66) 1,2-Dibromo-3-chloropropan	12.89	75	127	0.260	ug/L	#	13
67) 1,3,5-Trichlorobenzene	12.89	180	1090	0.209	ug/L	#	93
68) 1,2,4-trichlorobenzene	13.51	180	833	0.184	ug/L	#	92
69) Naphthalene	13.75	128	1333	0.181	ug/L	#	69
70) 1,2,3-Trichlorobenzene	13.99	180	809	0.193	ug/L	#	86

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

Quantitation Report (Not Reviewed)

Data File : VU027779.D
Acq On : 24 Oct 2018 12:35
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Sample : MDL03
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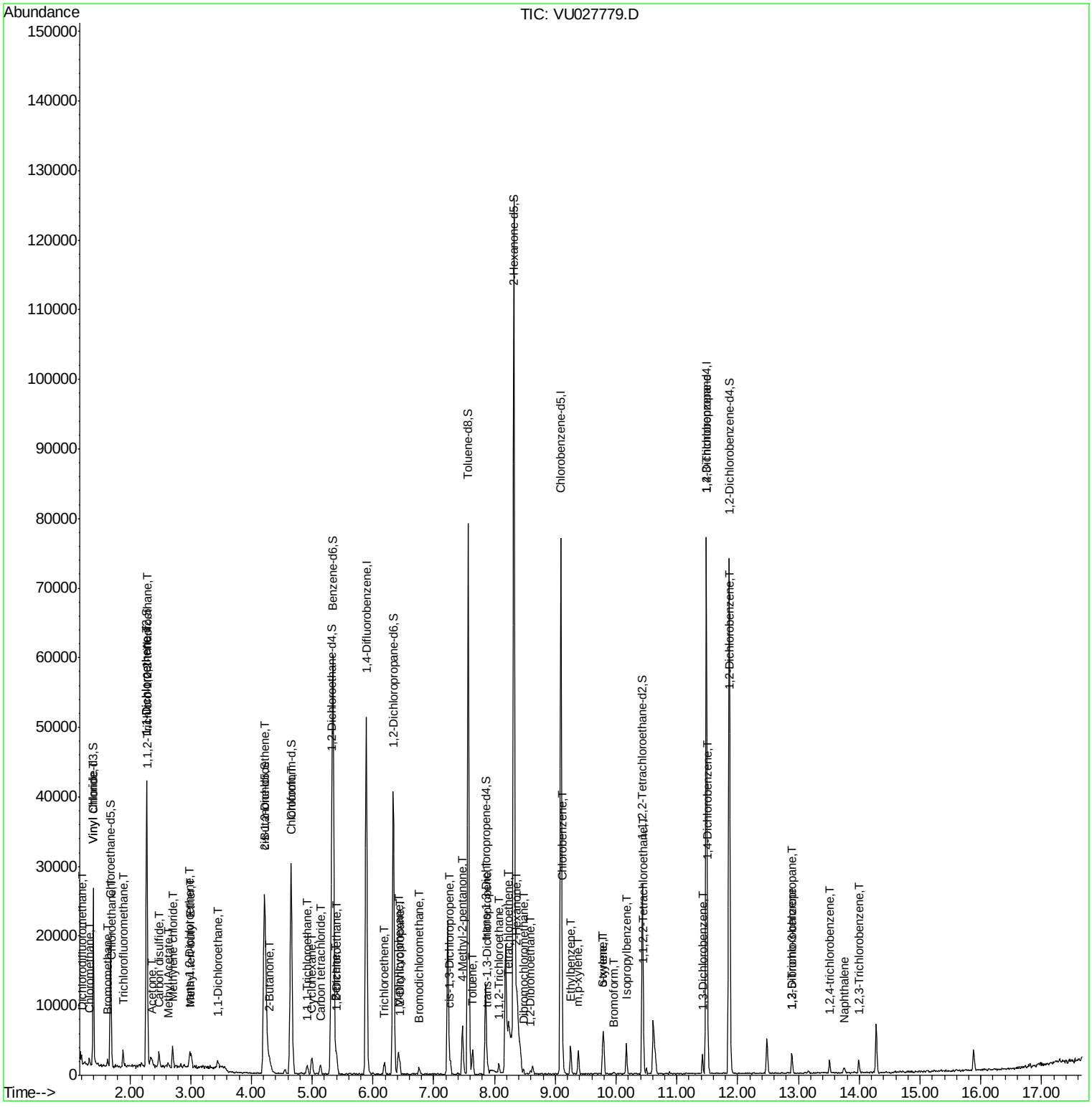
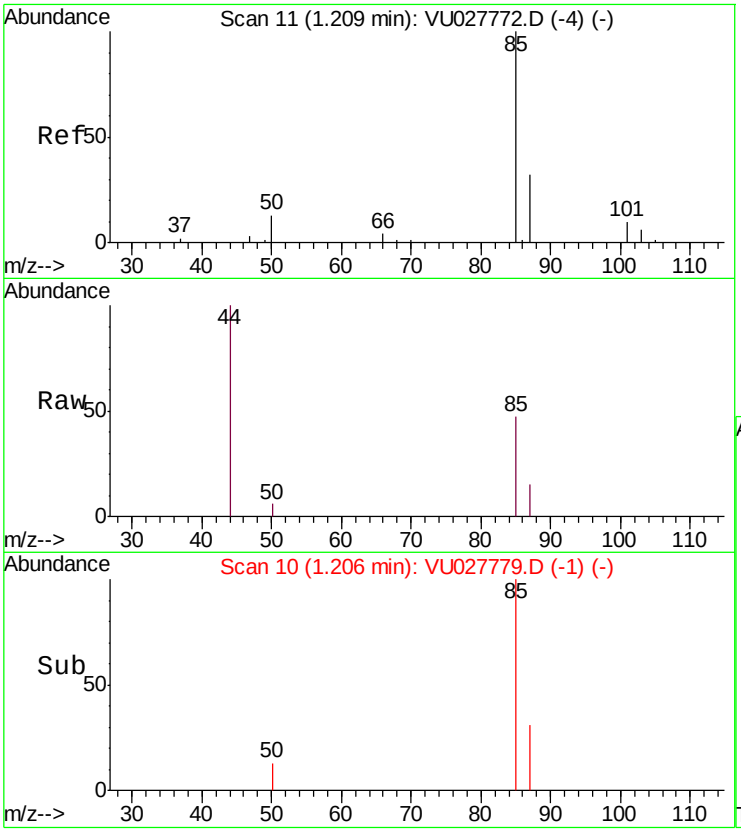
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Quant Time: Oct 25 04:38:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration



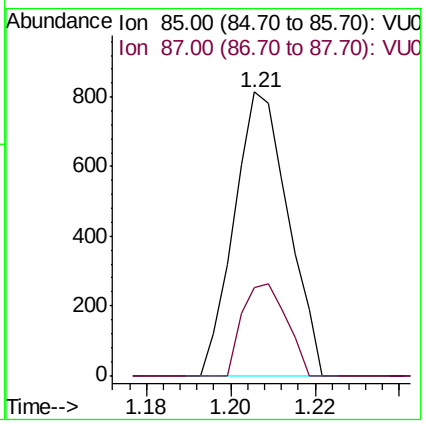


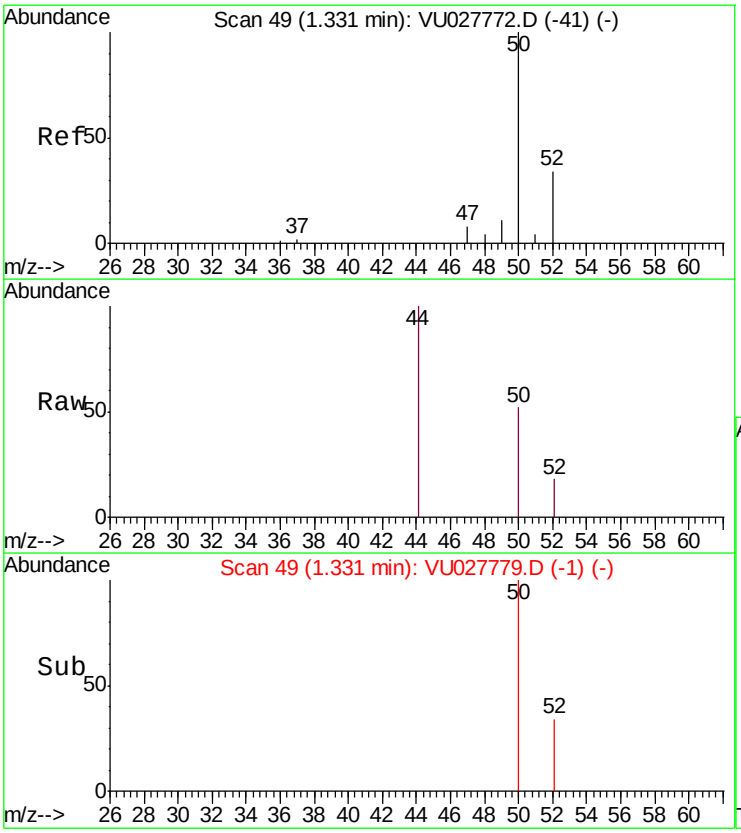
#2
Dichlorodifluoromethane
Concen: 0.187 ug/L
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 85 Resp: 723

Ion	Ratio	Lower	Upper
85	100		
87	26.7	25.4	38.0

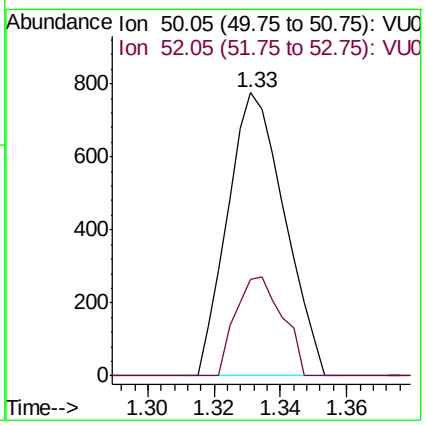


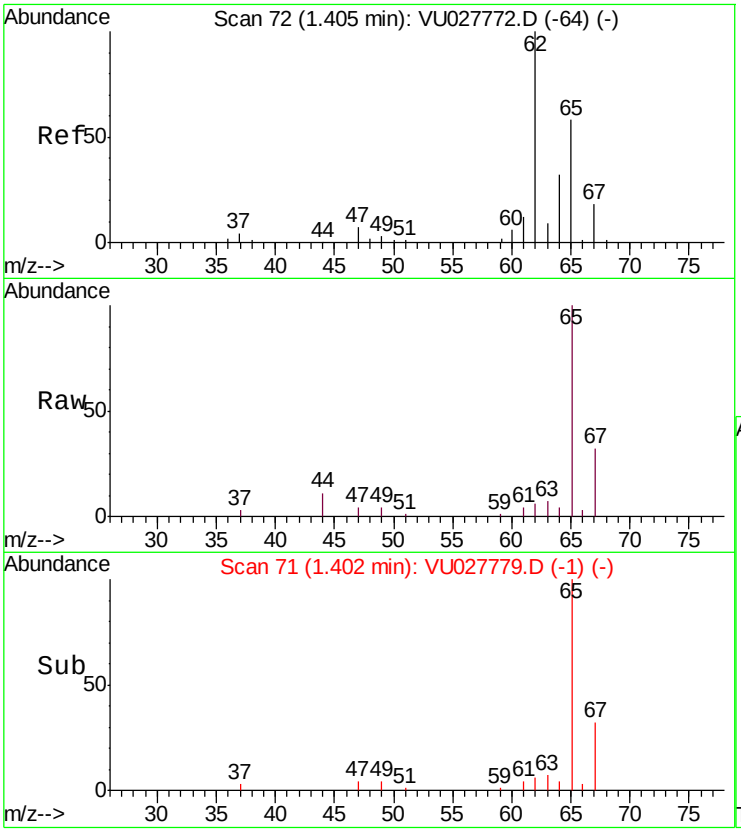


#3
Chloromethane
Concen: 0.214 ug/L
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 50 Resp: 926

Ion	Ratio	Lower	Upper
50	100		
52	34.1	23.7	43.9



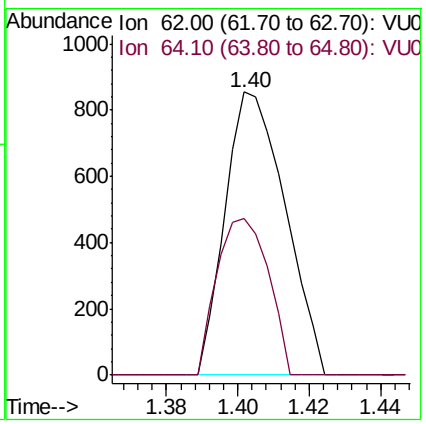


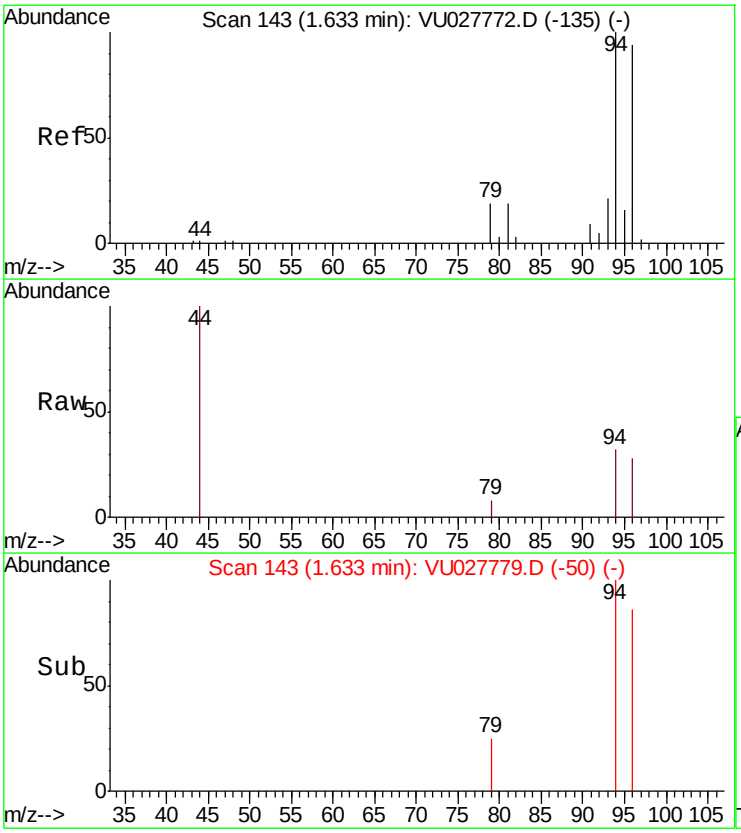
#5
Vinyl chloride
Concen: 0.239 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 62 Resp: 995

Ion	Ratio	Lower	Upper
62	100		
64	55.3	22.7	42.1#

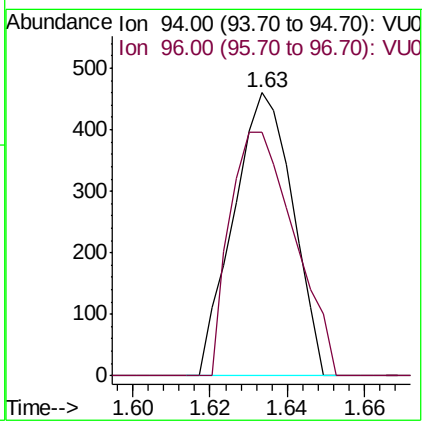


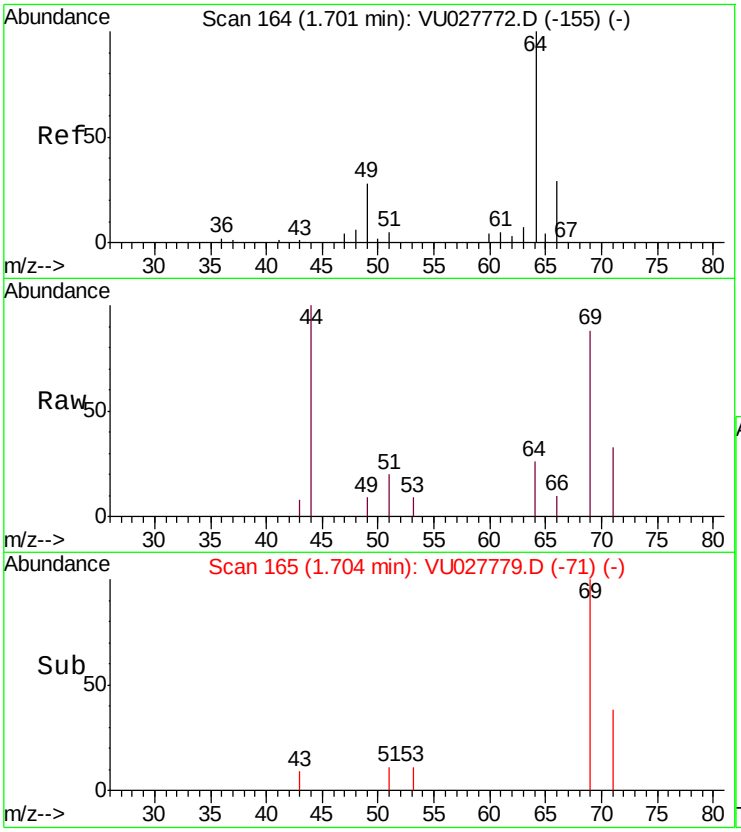


#6
Bromomethane
Concen: 0.228 ug/L
RT: 1.63 min Scan# 143
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 94 Resp: 488

Ion	Ratio	Lower	Upper
94	100		
96	86.1	65.5	121.7



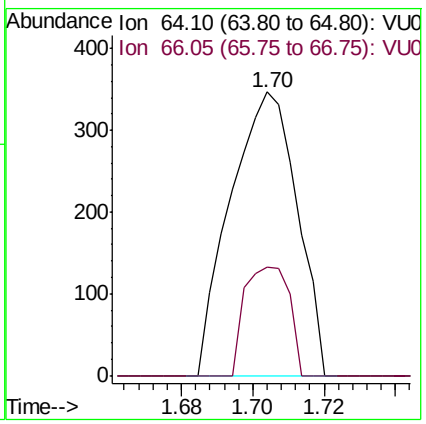


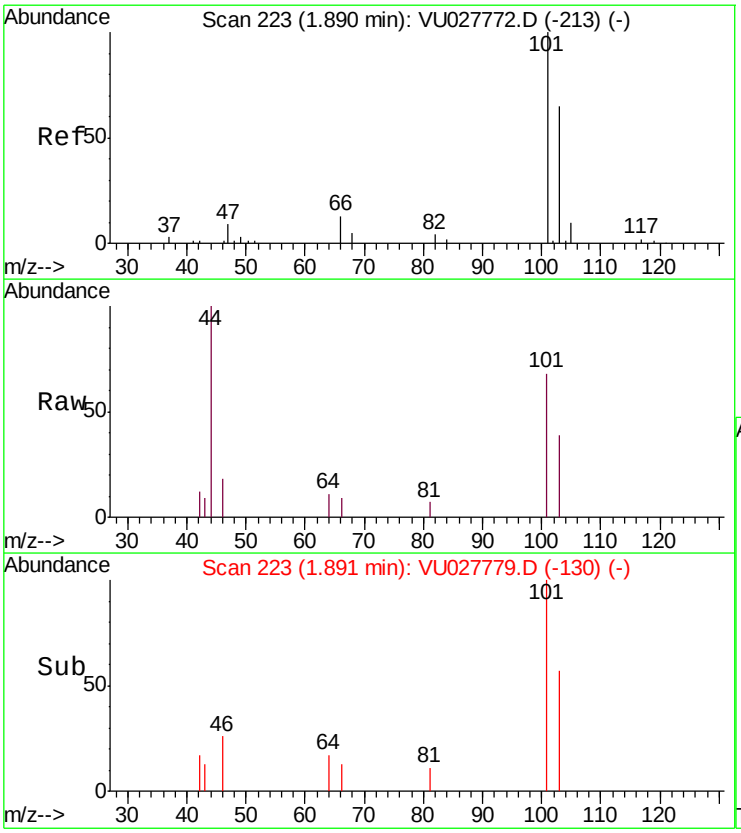
#8
Chloroethane
Concen: 0.198 ug/L
RT: 1.70 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 64 Resp: 447

Ion	Ratio	Lower	Upper
64	100		
66	38.0	20.3	37.7#

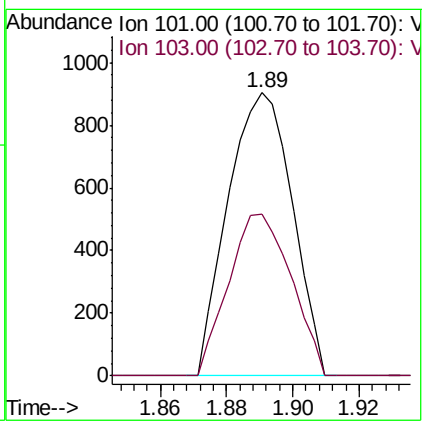


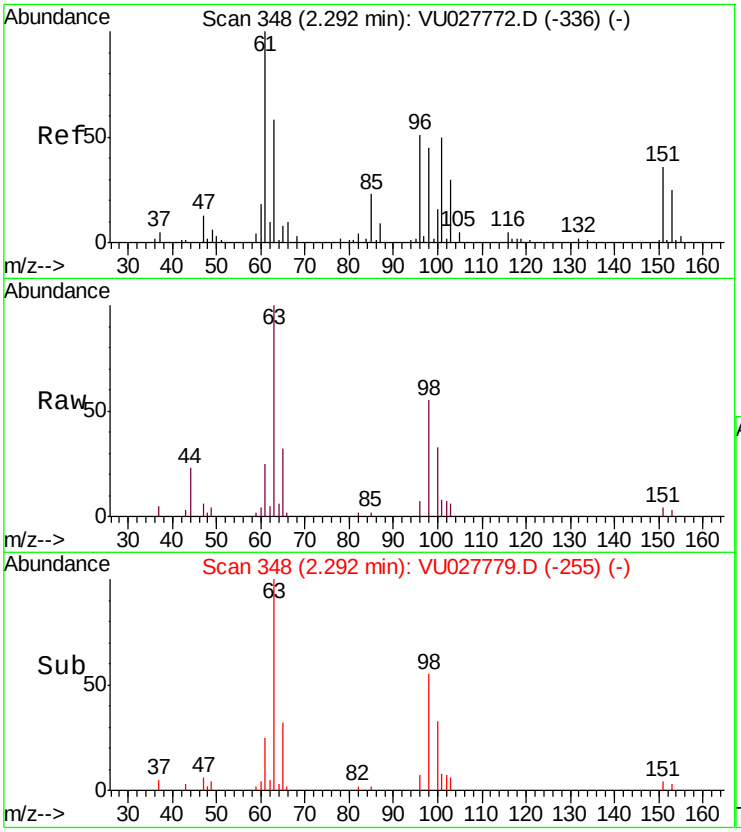


#9
Trichlorofluoromethane
Concen: 0.221 ug/L
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion:101 Resp: 1217

Ion	Ratio	Lower	Upper
101	100		
103	55.6	51.0	76.4



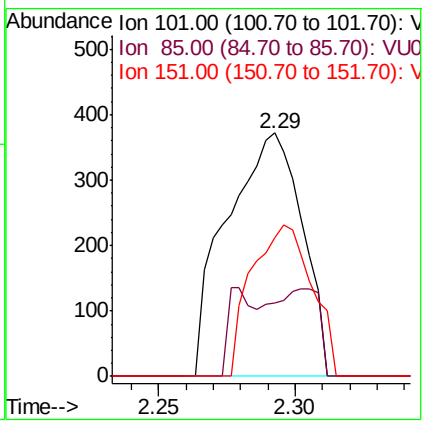


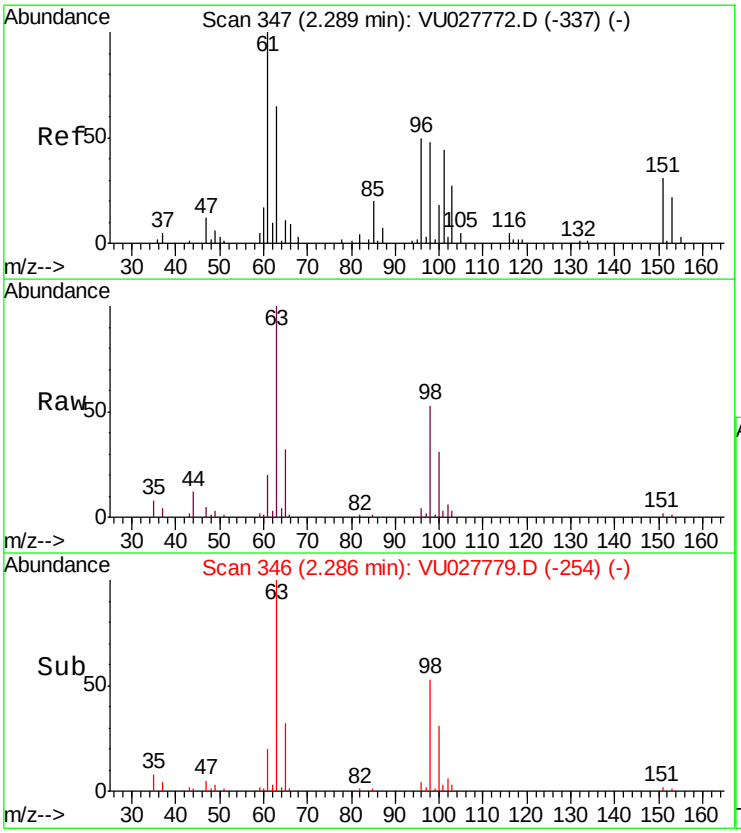
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.256 ug/L
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:101 Resp: 712

Ion	Ratio	Lower	Upper
101	100		
85	20.4	38.1	57.1#
151	50.1	57.0	85.4#

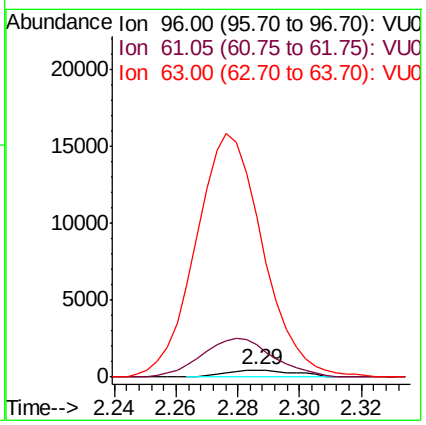


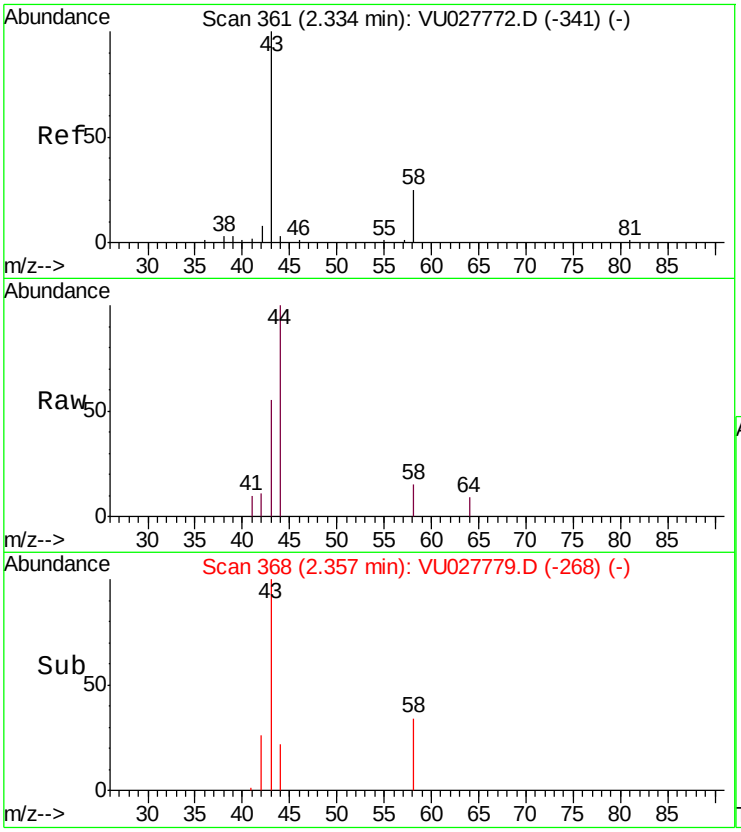


#12
1,1-Dichloroethene
Concen: 0.274 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 96 Resp: 711

Ion	Ratio	Lower	Upper
96	100		
61	474.0	143.8	267.0#
63	2327.7	105.1	195.3#



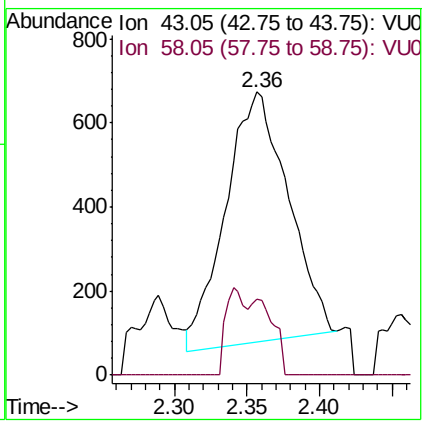


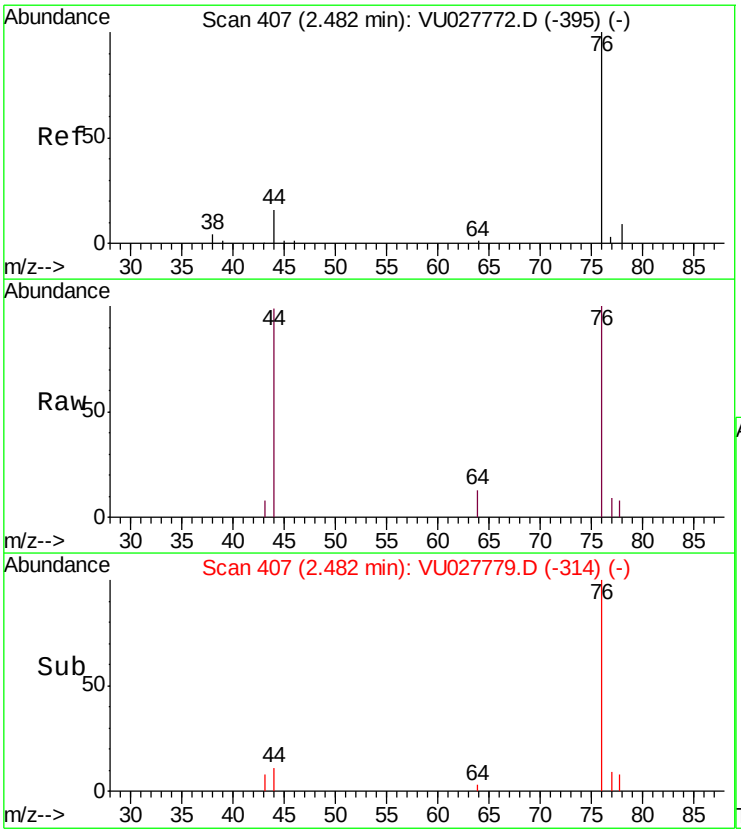
#13
Acetone
Concen: 2.517 ug/L
RT: 2.36 min Scan# 368
Delta R.T. 0.02 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 43 Resp: 1789

Ion	Ratio	Lower	Upper
43	100		
58	11.2	0.0	52.8

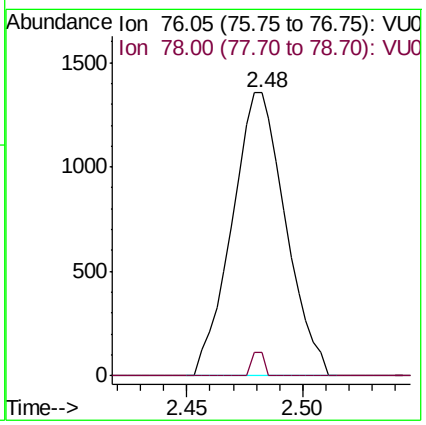


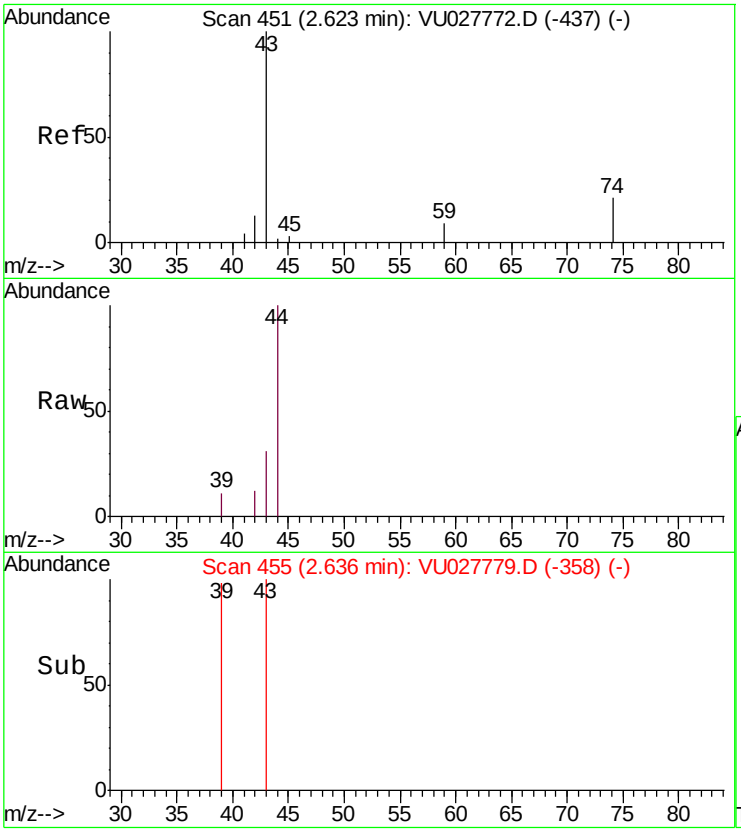


#14
Carbon disulfide
Concen: 0.244 ug/L
RT: 2.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 76 Resp: 2176

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.0



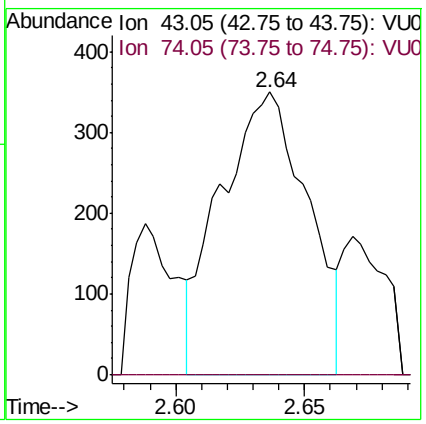


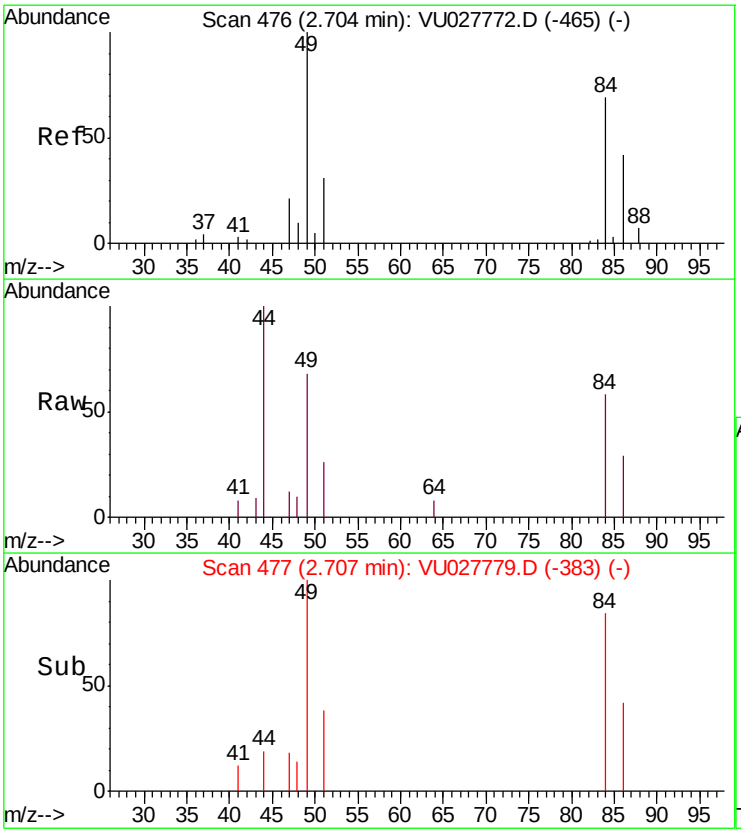
#15
Methyl Acetate
Concen: 0.414 ug/L
RT: 2.64 min Scan# 455
Delta R.T. 0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 43 Resp: 824

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.8	23.8#

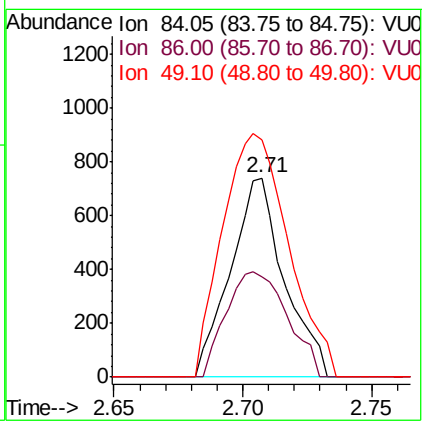


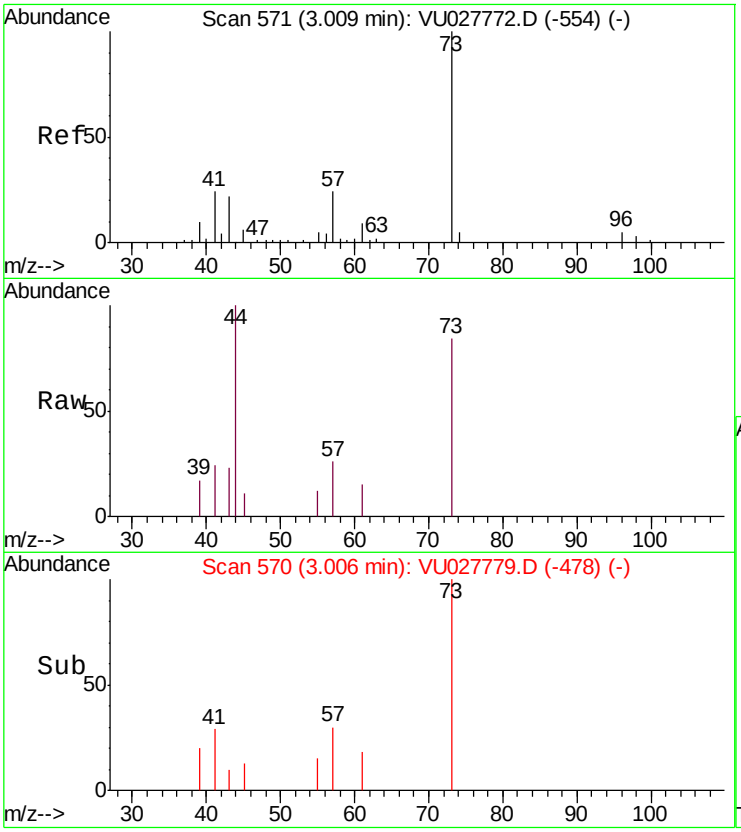


#16
Methylene chloride
Concen: 0.352 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 84 Resp: 1077

Ion	Ratio	Lower	Upper
84	100		
86	50.3	42.8	79.4
49	118.9	101.4	188.4



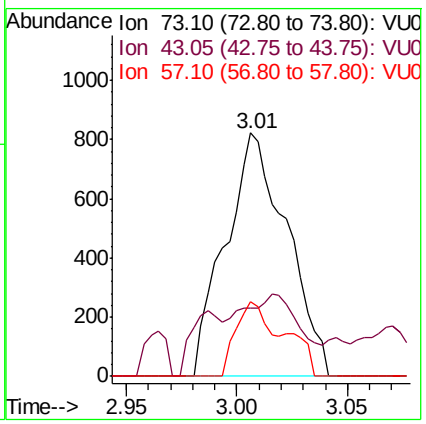


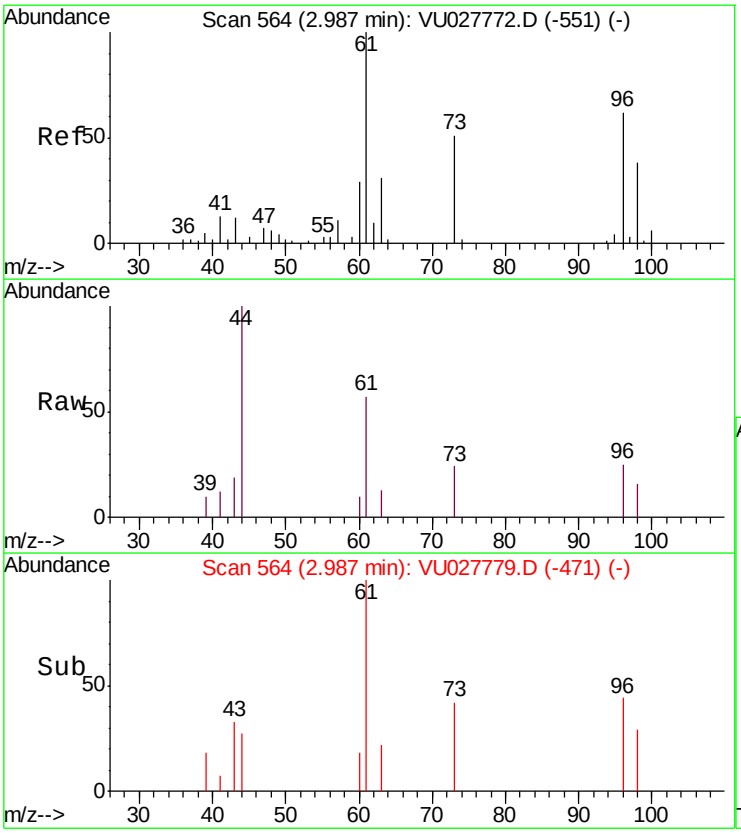
#17
Methyl tert-butyl Ether
Concen: 0.191 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 73 Resp: 1589

Ion	Ratio	Lower	Upper
73	100		
43	34.7	18.6	28.0#
57	17.4	18.2	27.2#

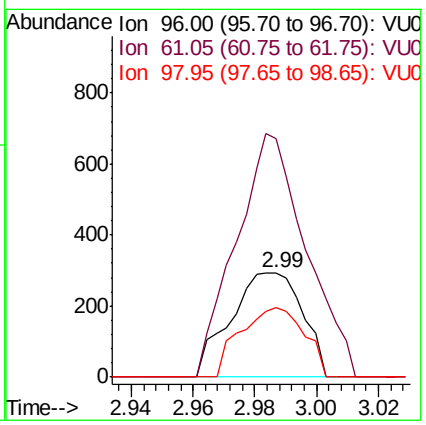


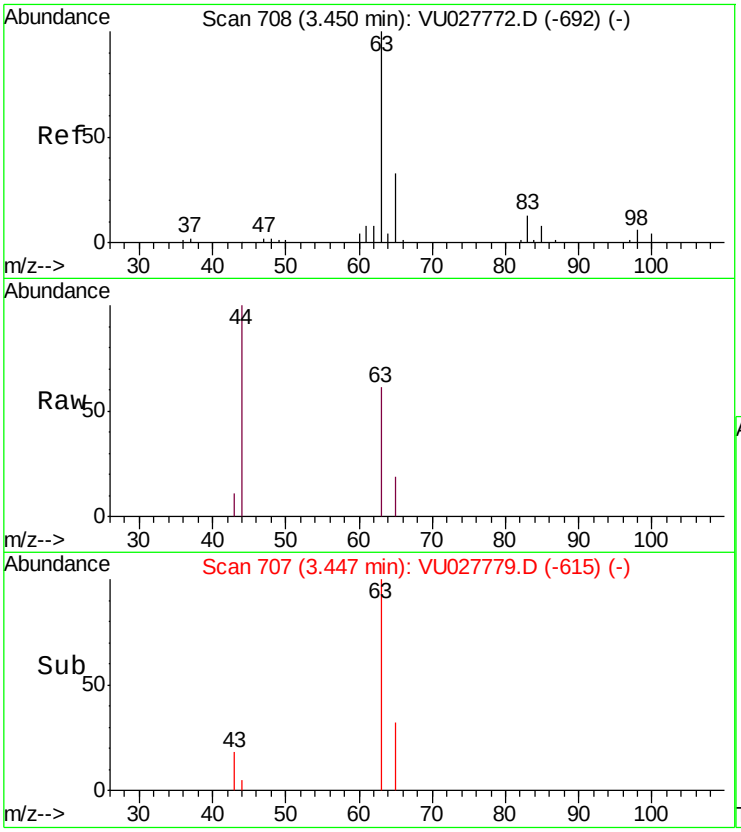


#18
trans-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 96 Resp: 474

Ion	Ratio	Lower	Upper
96	100		
61	228.6	112.1	208.3#
98	66.3	42.1	78.3



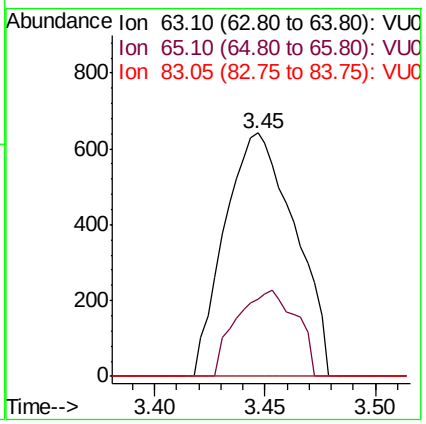


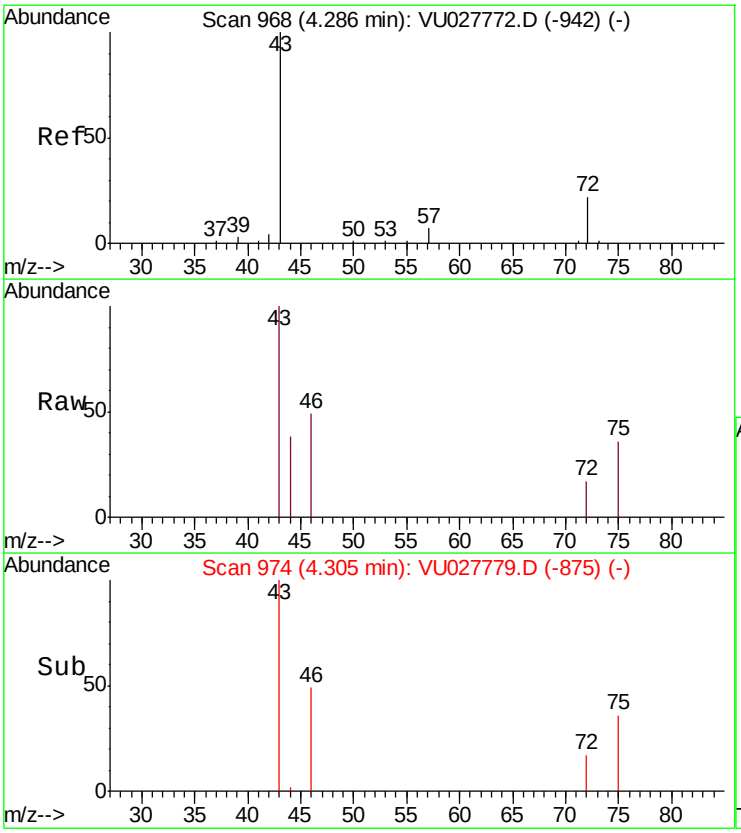
#19
1,1-Dichloroethane
Concen: 0.229 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 63 Resp: 1409

Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.1	42.9
83	0.0	9.2	17.0#

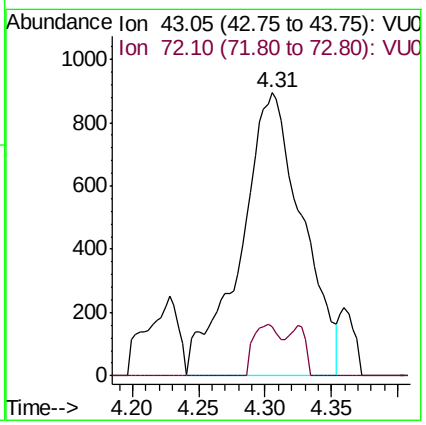


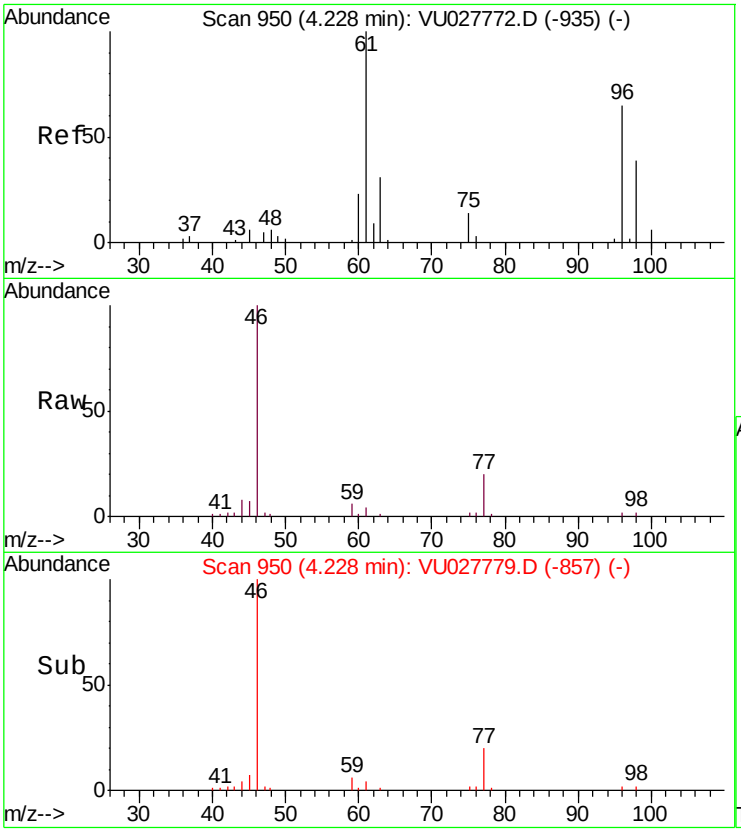


#21
2-Butanone
Concen: 2.475 ug/L
RT: 4.31 min Scan# 974
Delta R.T. 0.02 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 43 Resp: 2887

Ion	Ratio	Lower	Upper
43	100		
72	7.4	10.5	31.6#



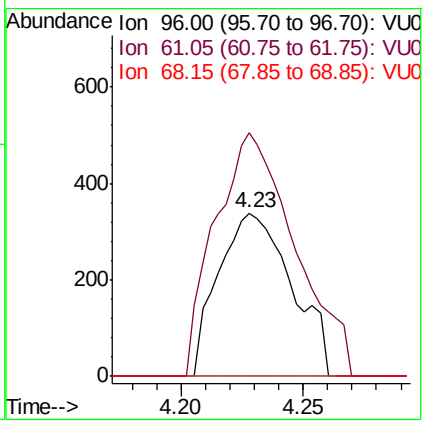


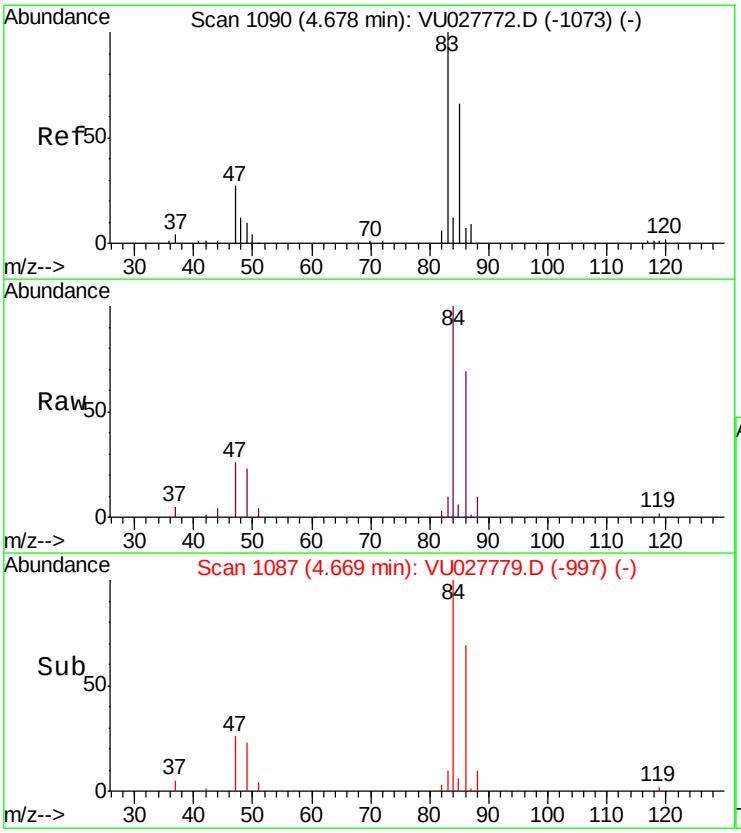
#22
cis-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 96 Resp: 706

Ion	Ratio	Lower	Upper
96	100		
61	149.0	107.2	199.0
68	0.0	0.0	0.0

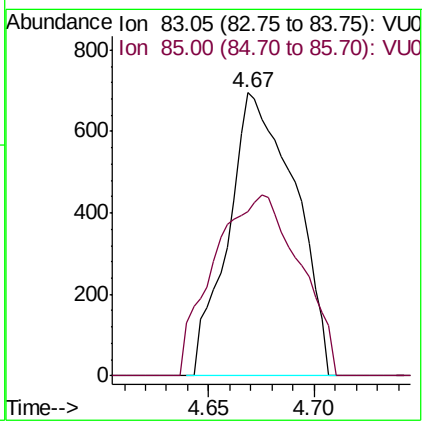


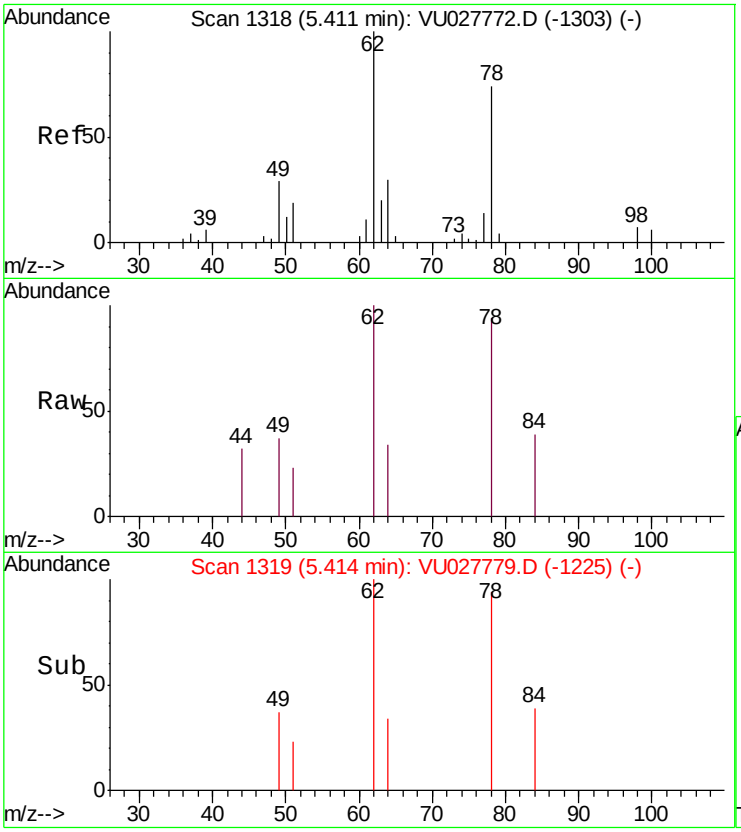


#25
Chloroform
Concen: 0.247 ug/L
RT: 4.67 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 83 Resp: 1528

Ion	Ratio	Lower	Upper
83	100		
85	58.1	45.8	85.2



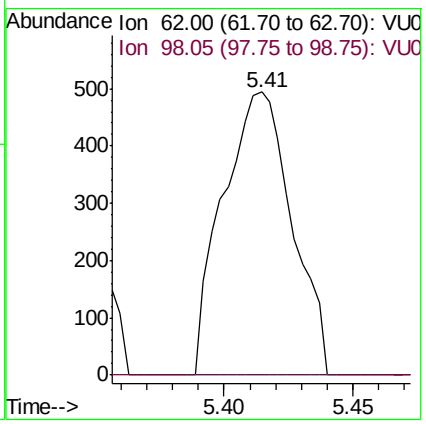


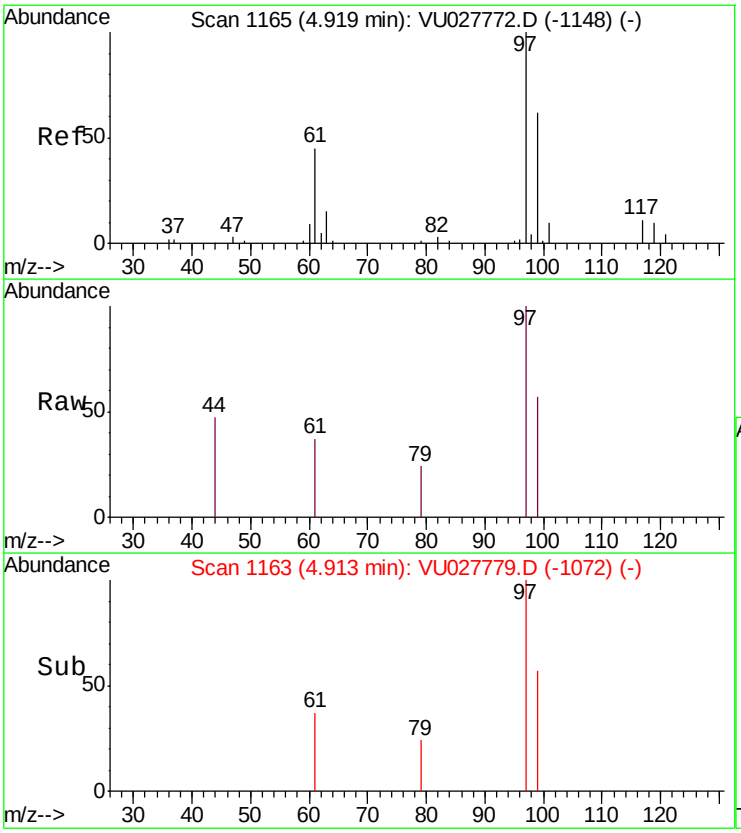
#27
1,2-Dichloroethane
Concen: 0.202 ug/L
RT: 5.41 min Scan# 1319
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 62 Resp: 923

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

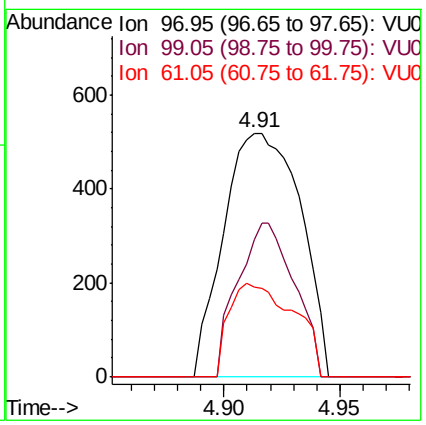


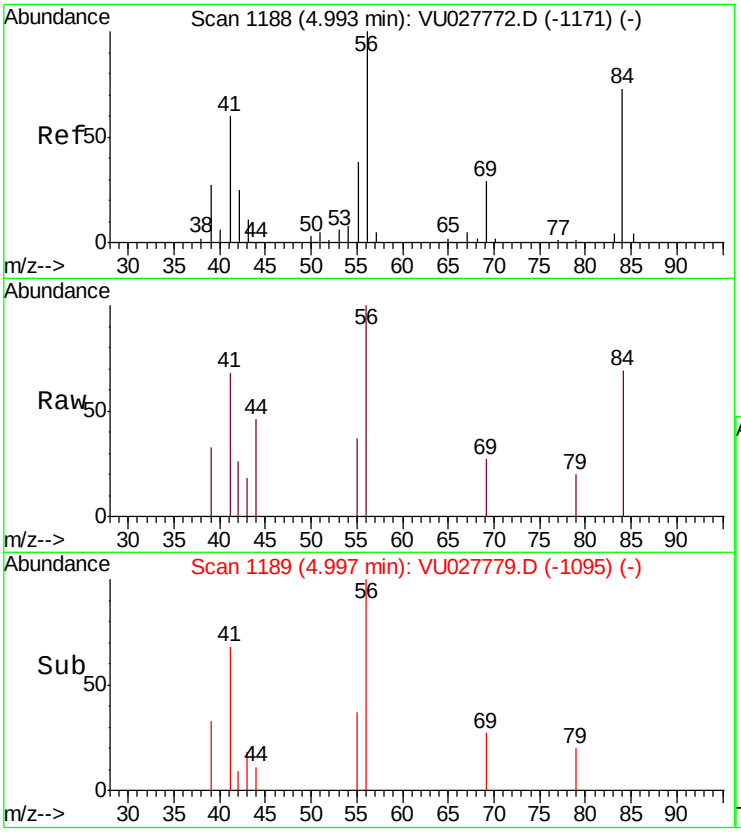


#29
1,1,1-Trichloroethane
Concen: 0.215 ug/L
RT: 4.91 min Scan# 1163
Delta R.T. -0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 97 Resp: 1194

Ion	Ratio	Lower	Upper
97	100		
99	46.7	51.3	76.9#
61	32.5	36.7	55.1#



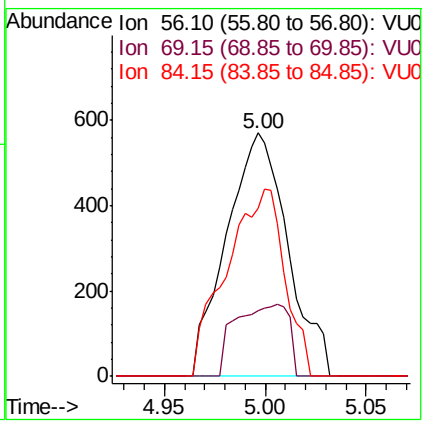


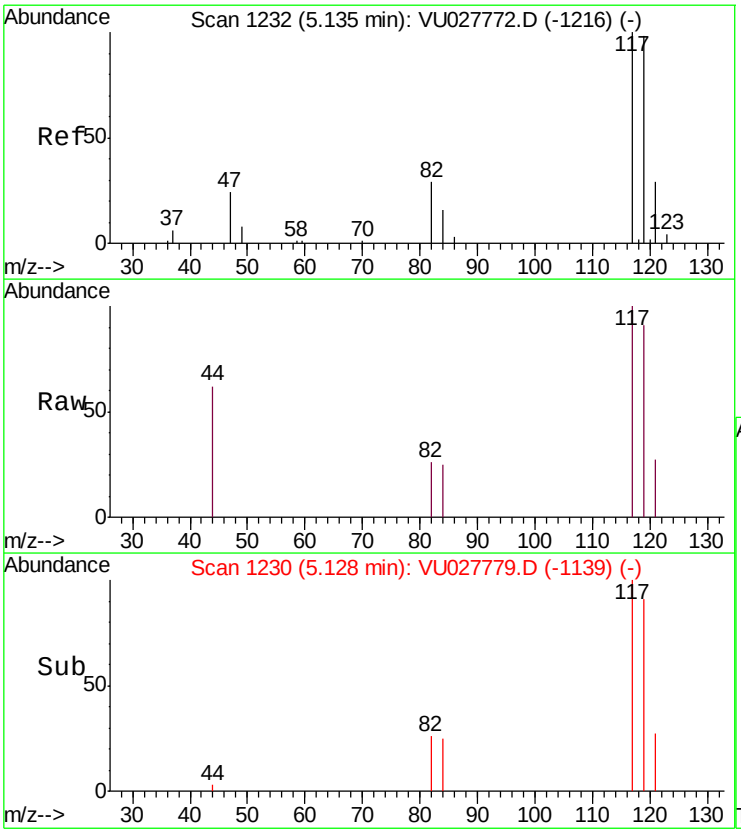
#30
Cyclohexane
Concen: 0.194 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 56 Resp: 1209

Ion	Ratio	Lower	Upper
56	100		
69	25.9	22.2	33.4
84	73.0	58.6	88.0

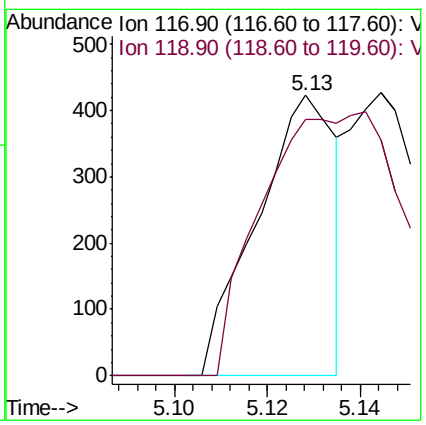


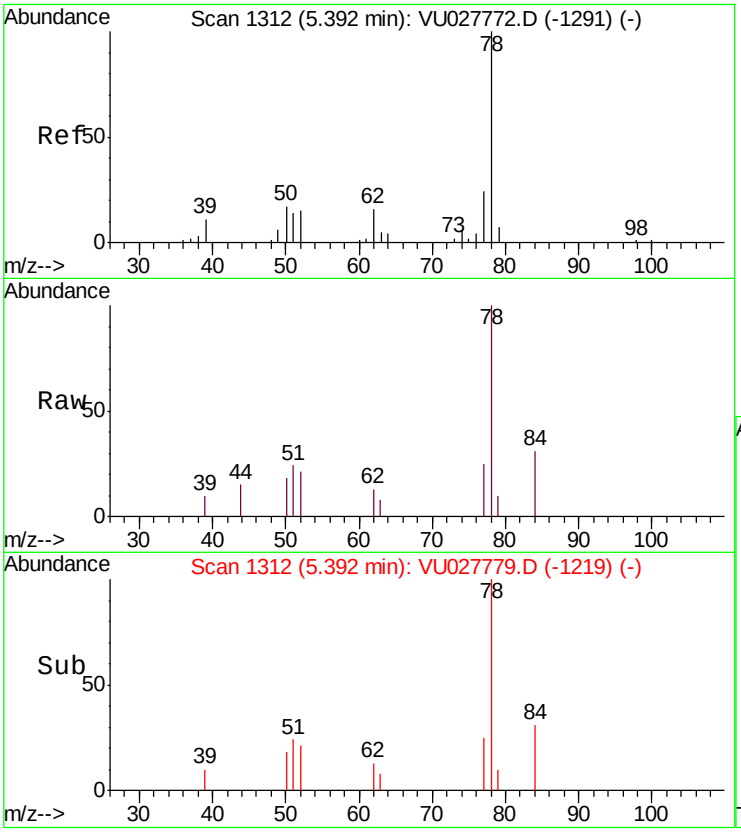


#31
Carbon tetrachloride
Concen: 0.104 ug/L
RT: 5.13 min Scan# 1230
Delta R.T. -0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion:117 Resp: 496

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.0	115.6#

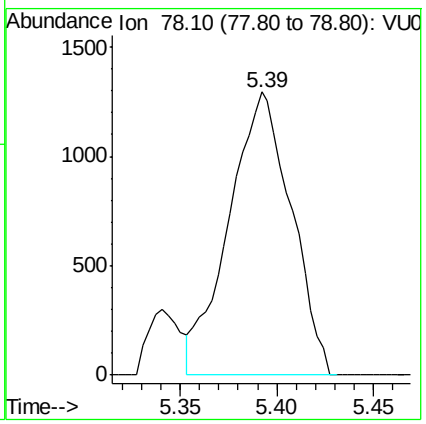


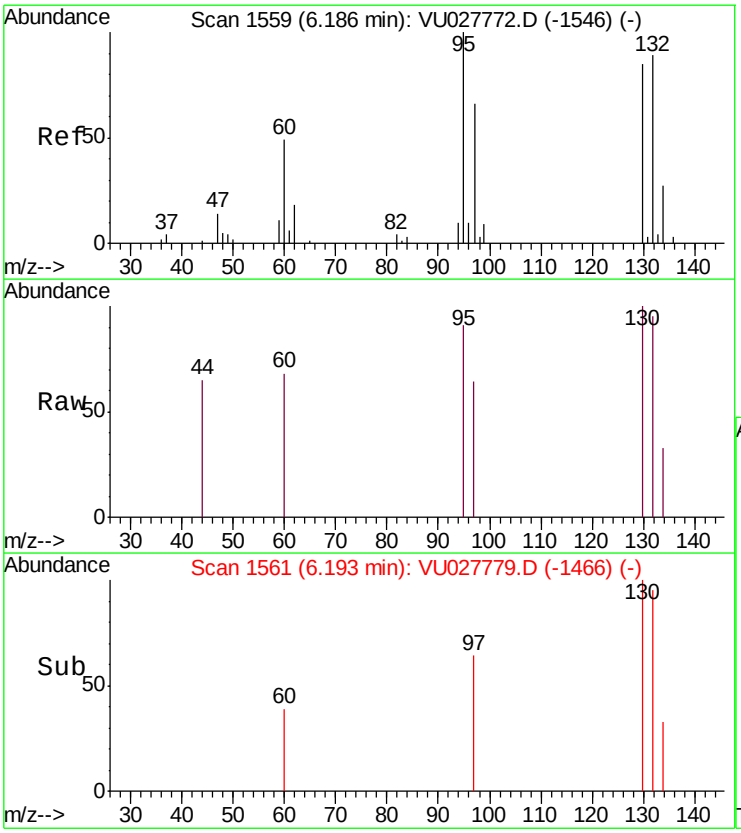


#33
Benzene
Concen: 0.226 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 78 Resp: 2902

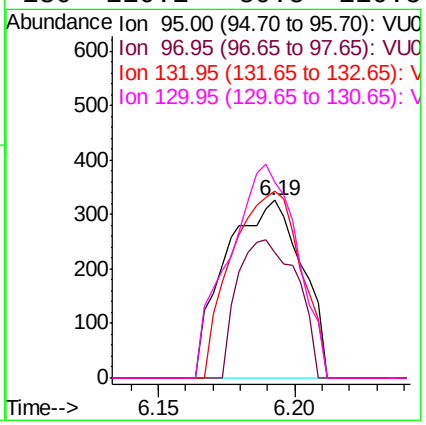


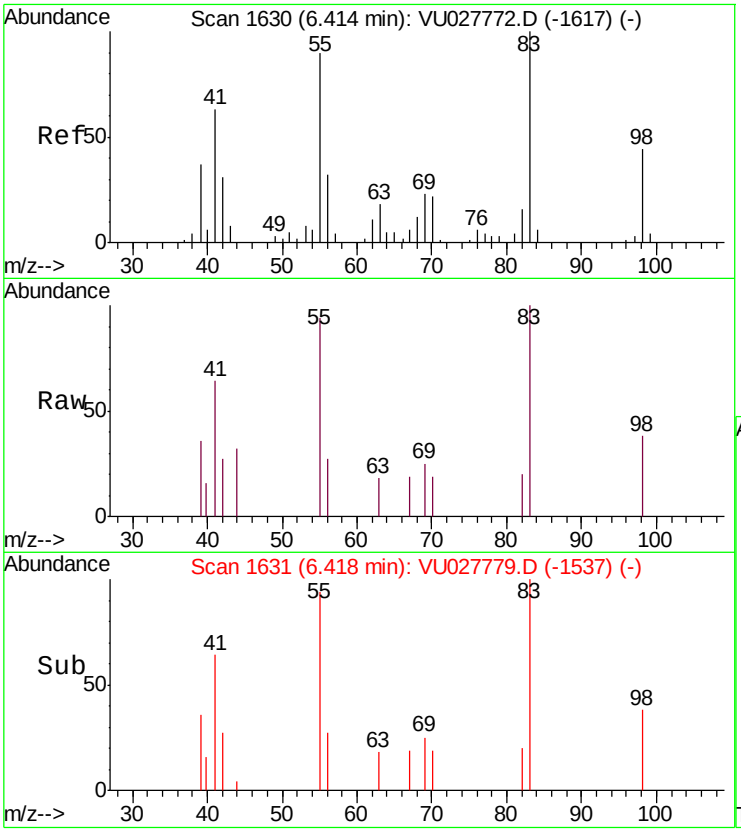


#34
Trichloroethene
Concen: 0.191 ug/L
RT: 6.19 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 95 Resp: 634

Ion	Ratio	Lower	Upper
95	100		
97	70.6	46.4	86.2
132	104.9	62.0	115.2
130	110.1	59.5	110.5



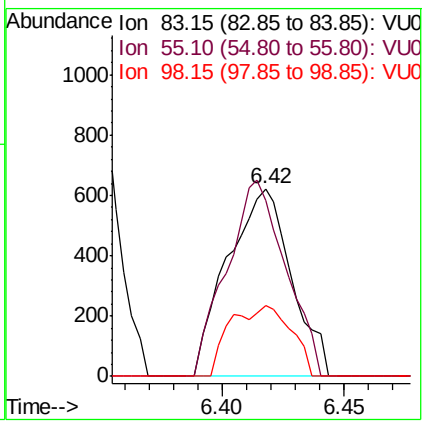


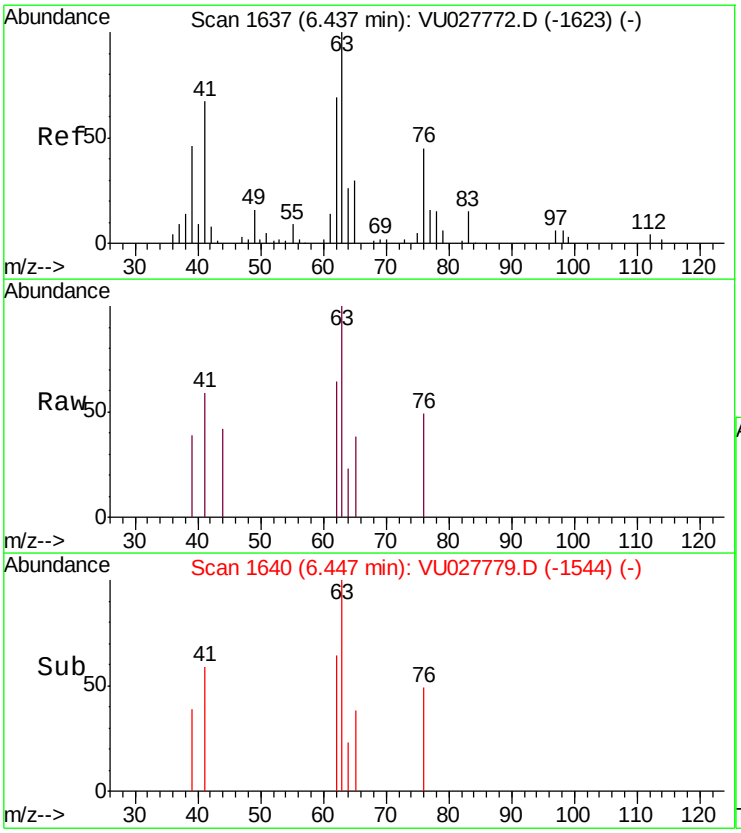
#35
Methylcyclohexane
Concen: 0.203 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 83 Resp: 1130

Ion	Ratio	Lower	Upper
83	100		
55	96.1	71.5	107.3
98	36.1	35.4	53.0

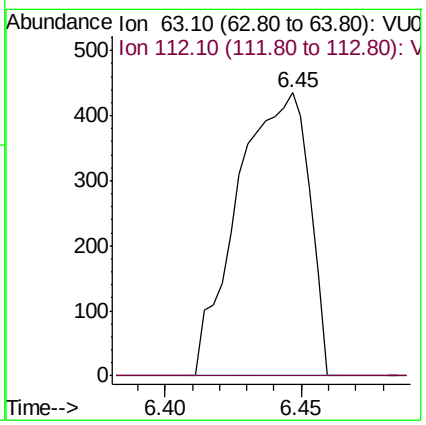


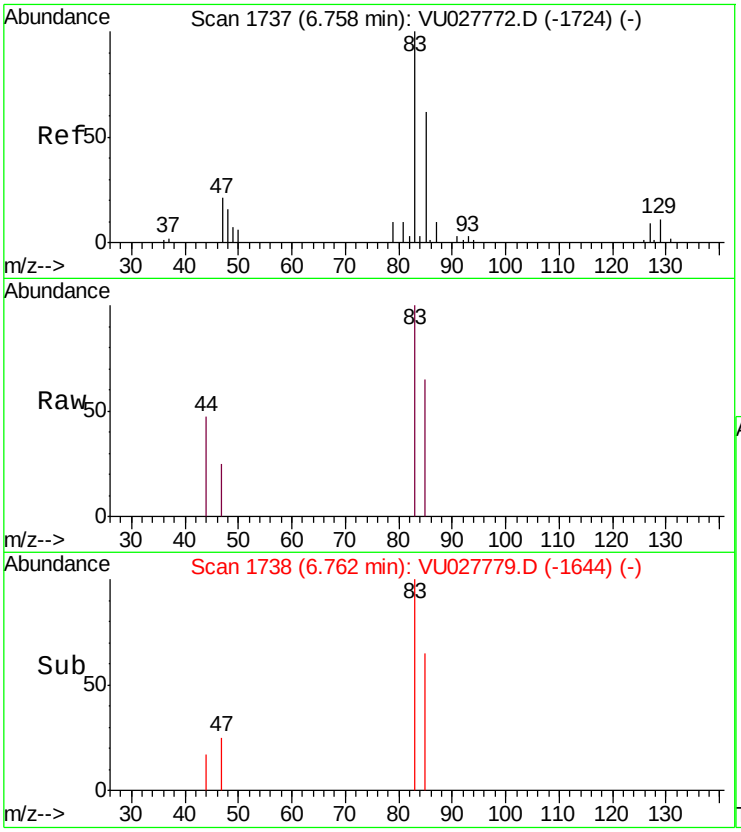


#37
1,2-Dichloropropane
Concen: 0.210 ug/L
RT: 6.45 min Scan# 1640
Delta R.T. 0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 63 Resp: 791

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#



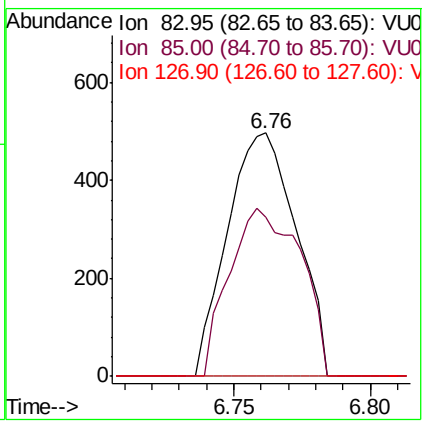


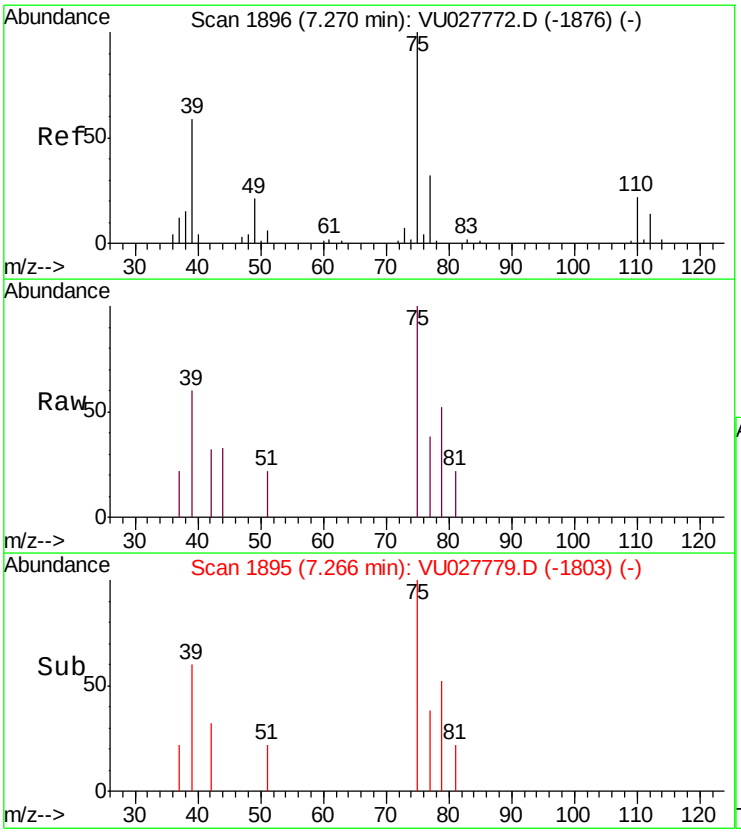
#38
Bromodichloromethane
Concen: 0.194 ug/L
RT: 6.76 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument : MSVOA_U
ClientSampleId : MDL03

Tgt Ion: 83 Resp: 871

Ion	Ratio	Lower	Upper
83	100		
85	65.4	43.3	80.5
127	0.0	7.2	10.8#

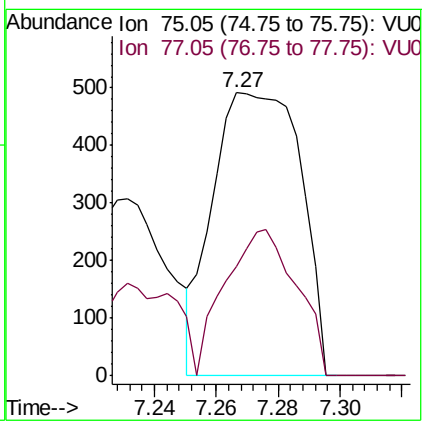


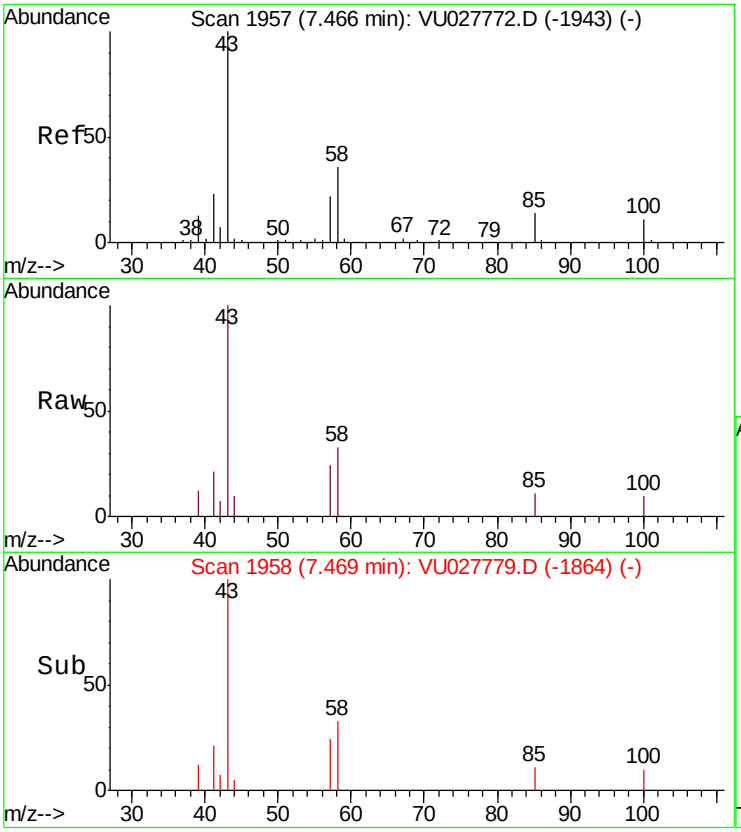


#39
cis-1,3-Dichloropropene
Concen: 0.180 ug/L
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 75 Resp: 971

Ion	Ratio	Lower	Upper
75	100		
77	38.4	22.5	41.7



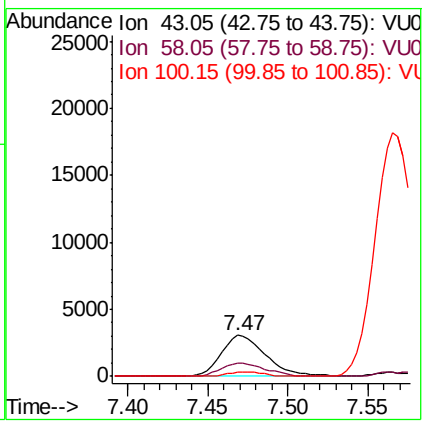


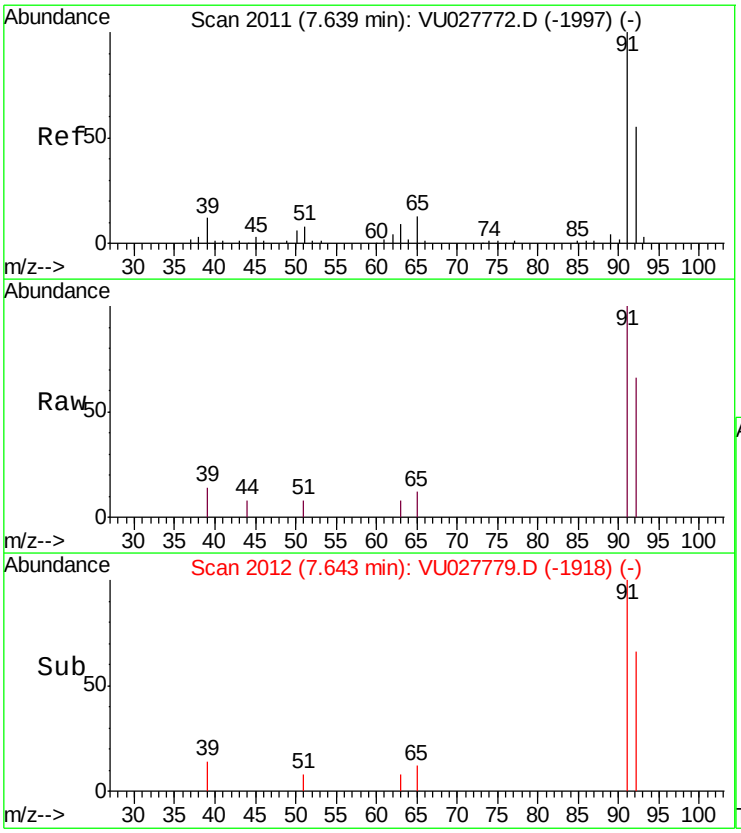
#40
4-Methyl-2-pentanone
Concen: 2.051 ug/L
RT: 7.47 min Scan# 1958
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 43 Resp: 5781

Ion	Ratio	Lower	Upper
43	100		
58	31.7	28.1	42.1
100	0.0	8.7	13.1#

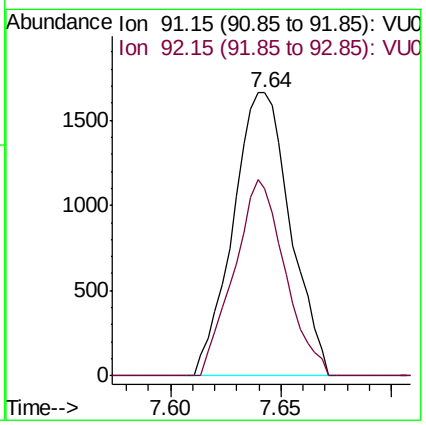


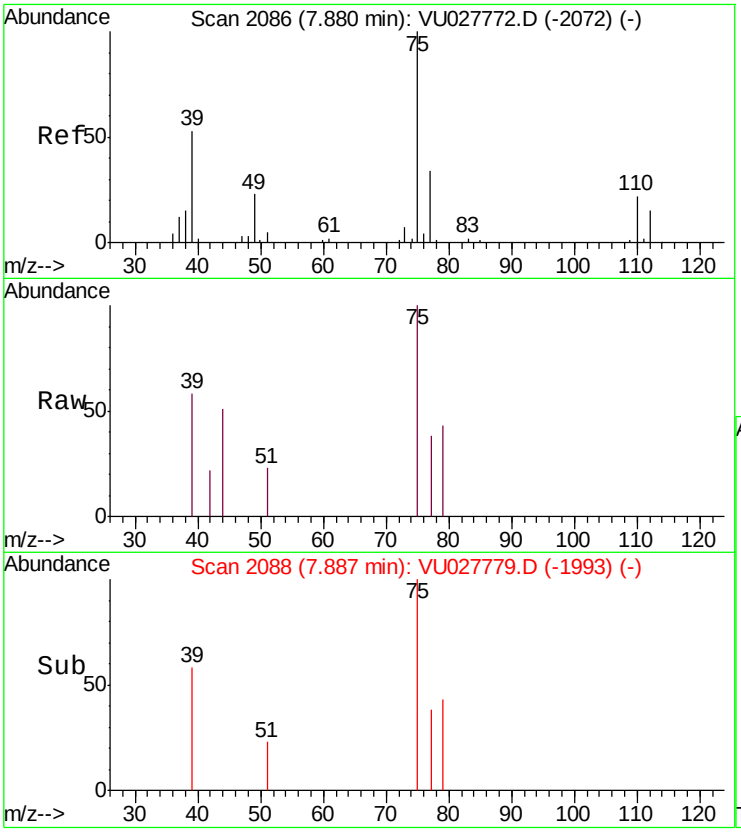


#42
Toluene
Concen: 0.217 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 91 Resp: 3006

Ion	Ratio	Lower	Upper
91	100		
92	66.4	38.6	71.8



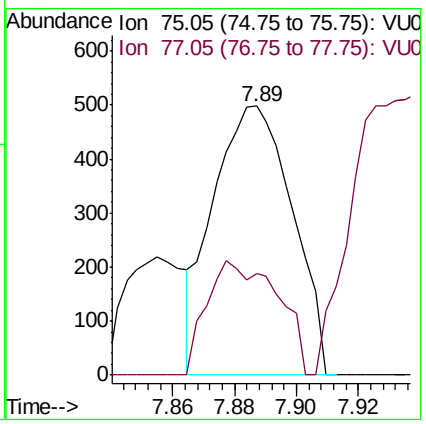


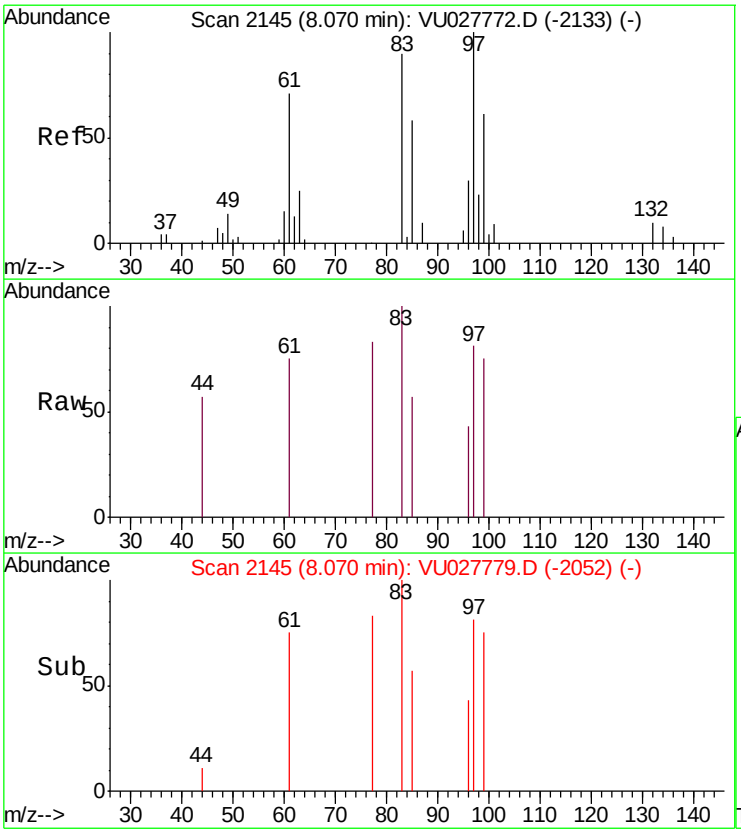
#44
trans-1,3-Dichloropropene
Concen: 0.195 ug/L
RT: 7.89 min Scan# 2088
Delta R.T. 0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 75 Resp: 887

Ion	Ratio	Lower	Upper
75	100		
77	38.0	23.5	43.7

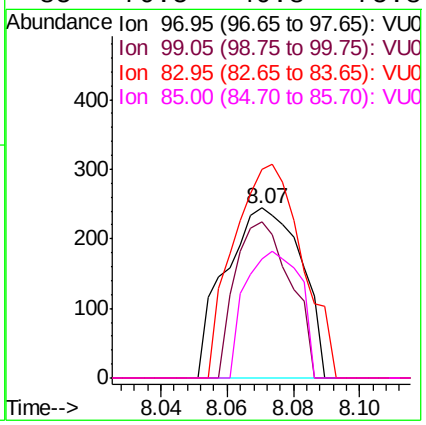


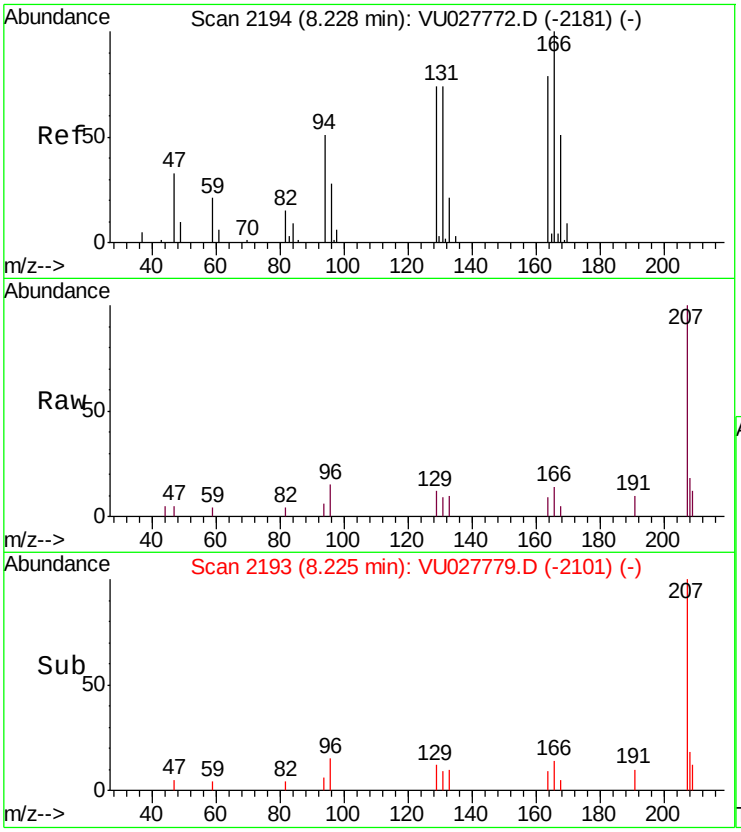


#45
1,1,2-Trichloroethane
Concen: 0.171 ug/L
RT: 8.07 min Scan# 2145
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 97 Resp: 390

Ion	Ratio	Lower	Upper
97	100		
99	92.2	42.8	79.6#
83	123.0	62.9	116.9#
85	70.5	40.8	75.8



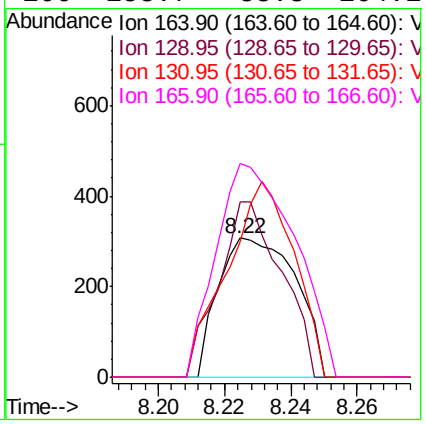


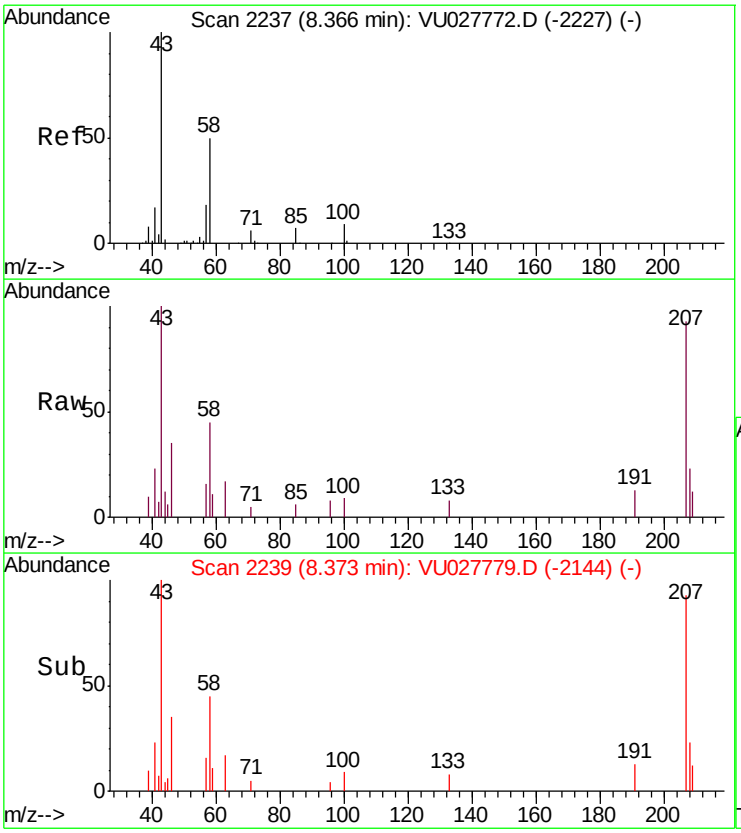
#47
Tetrachloroethene
Concen: 0.185 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument : MSVOA_U
ClientSampleId : MDL03

Tgt Ion:164 Resp: 501

Ion	Ratio	Lower	Upper
164	100		
129	126.1	65.6	121.8#
131	97.4	65.0	120.8
166	153.7	88.3	164.1

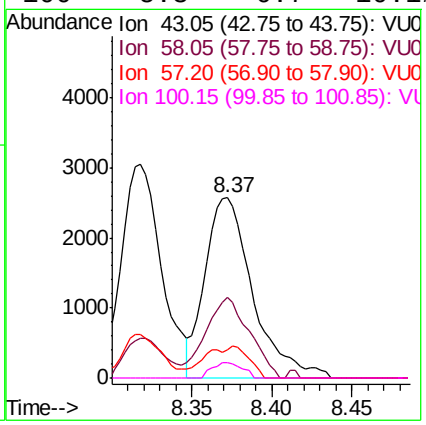


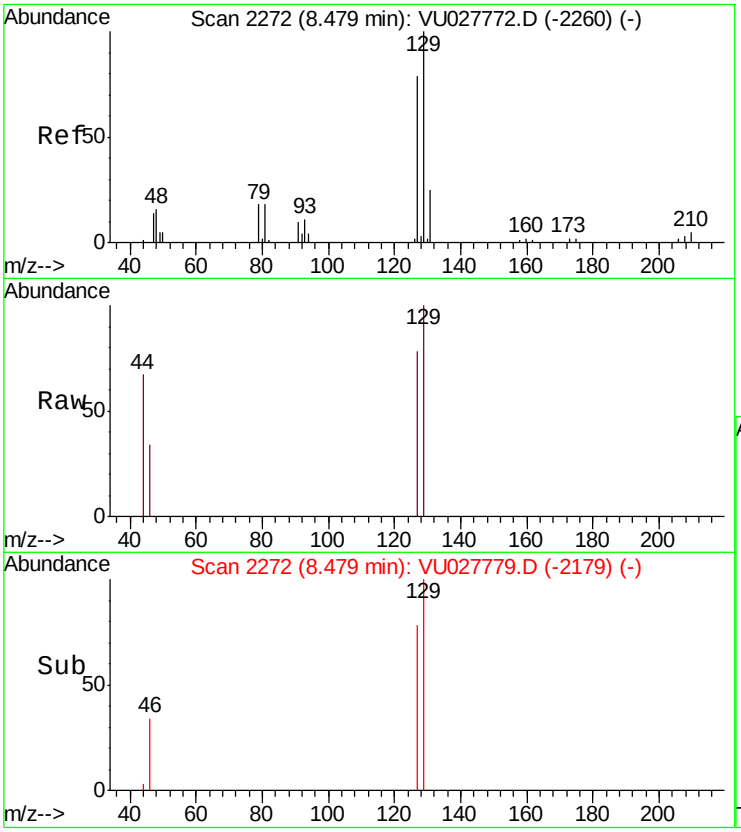


#48
2-Hexanone
Concen: 2.651 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 43 Resp: 5309

Ion	Ratio	Lower	Upper
43	100		
58	40.8	39.4	59.0
57	16.5	13.8	20.8
100	5.3	6.7	10.1#



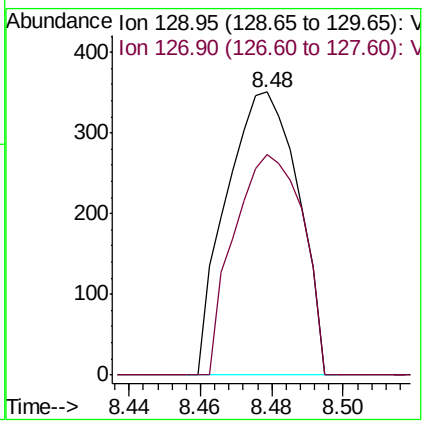


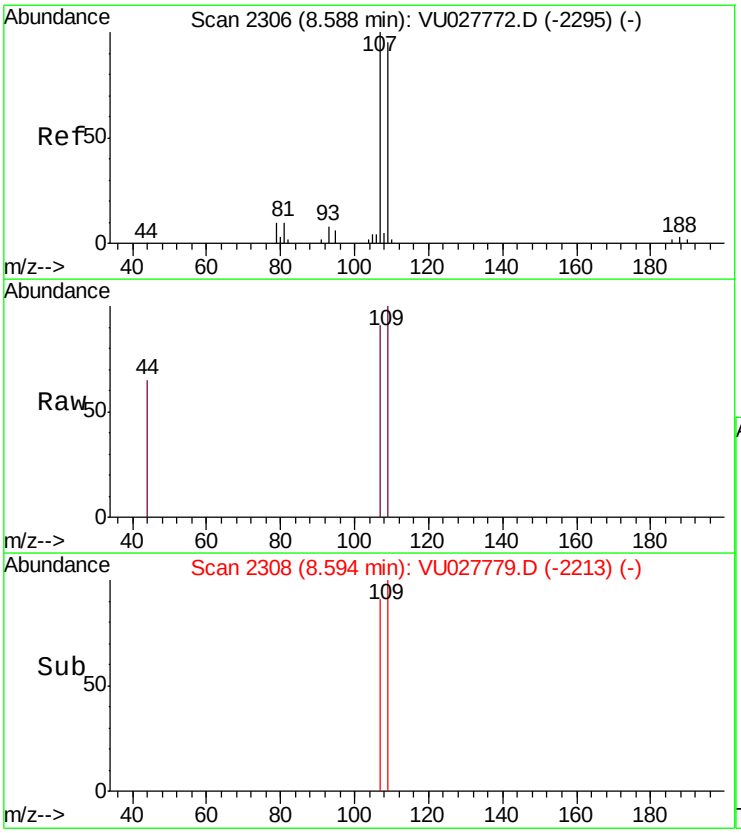
#49
Dibromochloromethane
Concen: 0.168 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:129 Resp: 487

Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.2	102.4

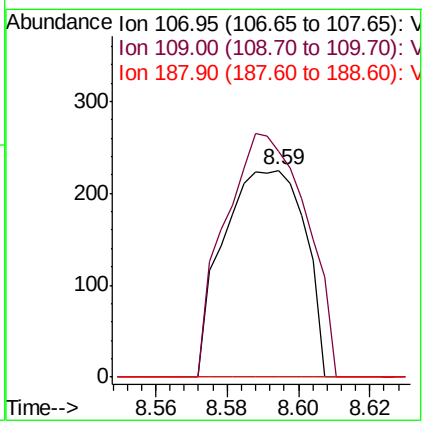


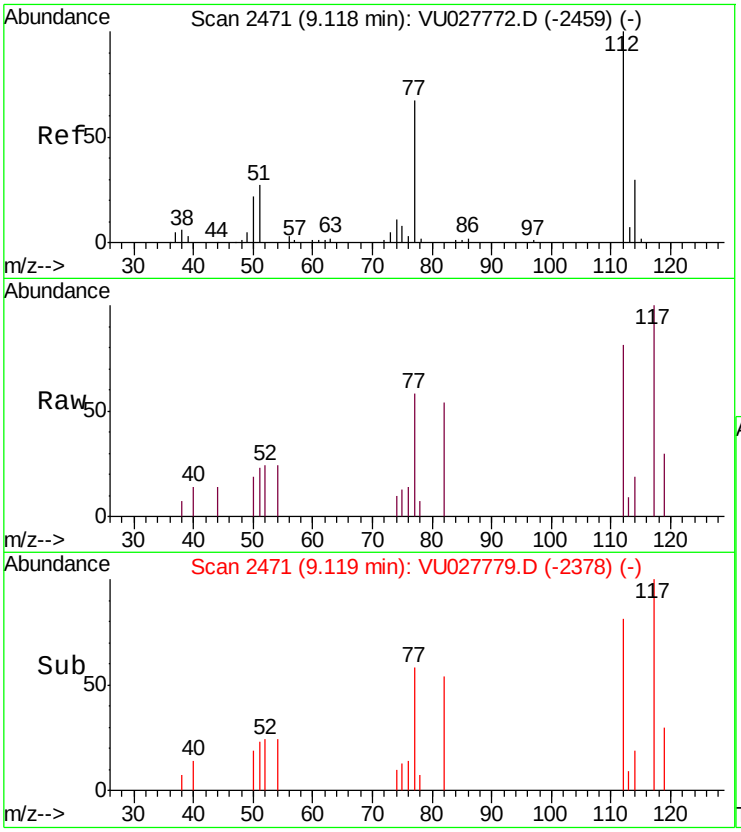


#50
1,2-Dibromoethane
Concen: 0.160 ug/L
RT: 8.59 min Scan# 2308
Delta R.T. 0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion:107 Resp: 353

Ion	Ratio	Lower	Upper
107	100		
109	109.3	66.3	123.1
188	0.0	2.6	3.8#



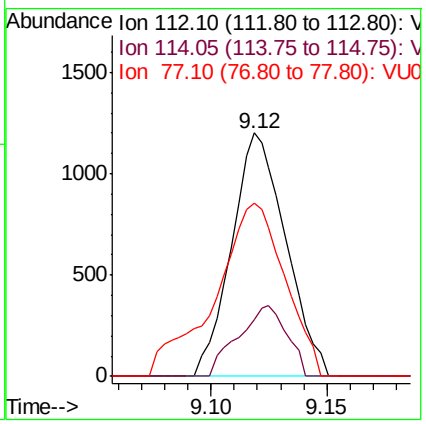


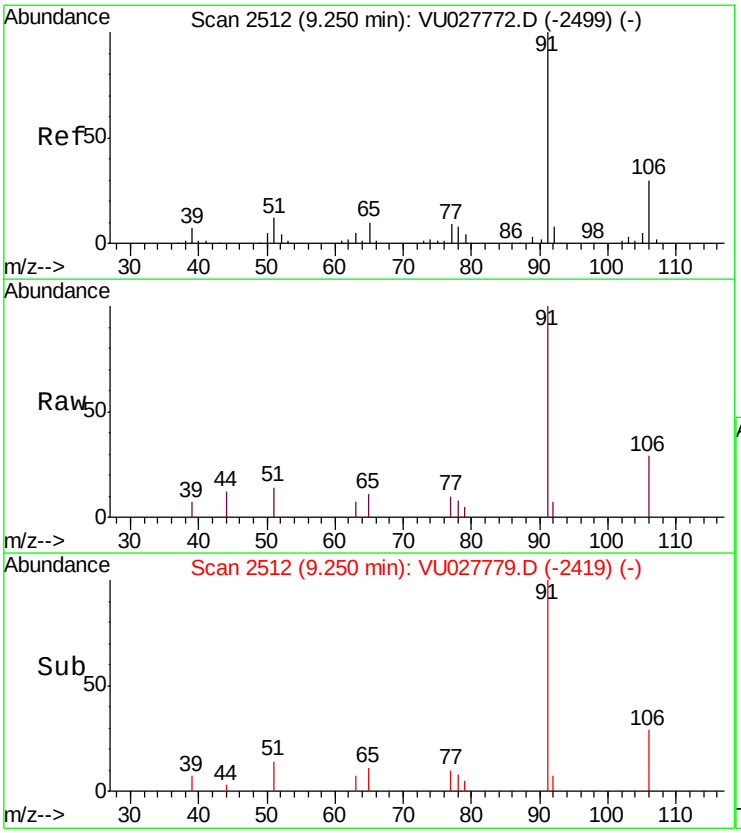
#51
Chlorobenzene
Concen: 0.229 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:112 Resp: 1945

Ion	Ratio	Lower	Upper
112	100		
114	23.5	21.2	39.4
77	71.0	54.2	81.4

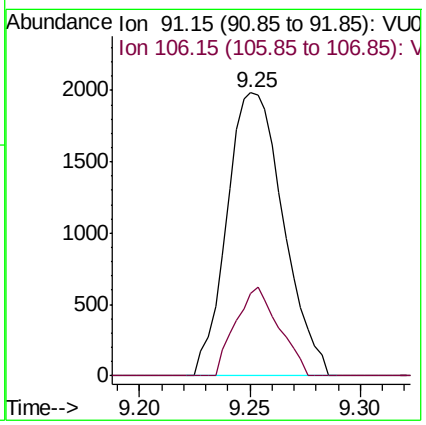


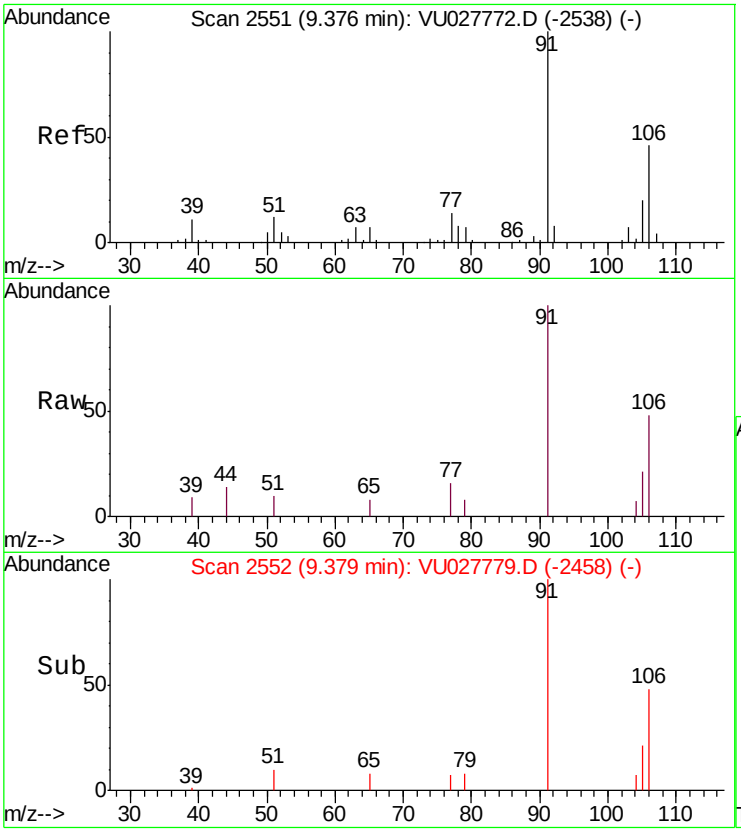


#52
Ethylbenzene
Concen: 0.220 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 91 Resp: 3532

Ion	Ratio	Lower	Upper
91	100		
106	29.2	20.6	38.4



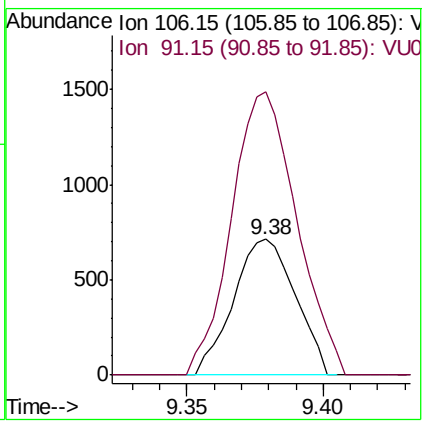


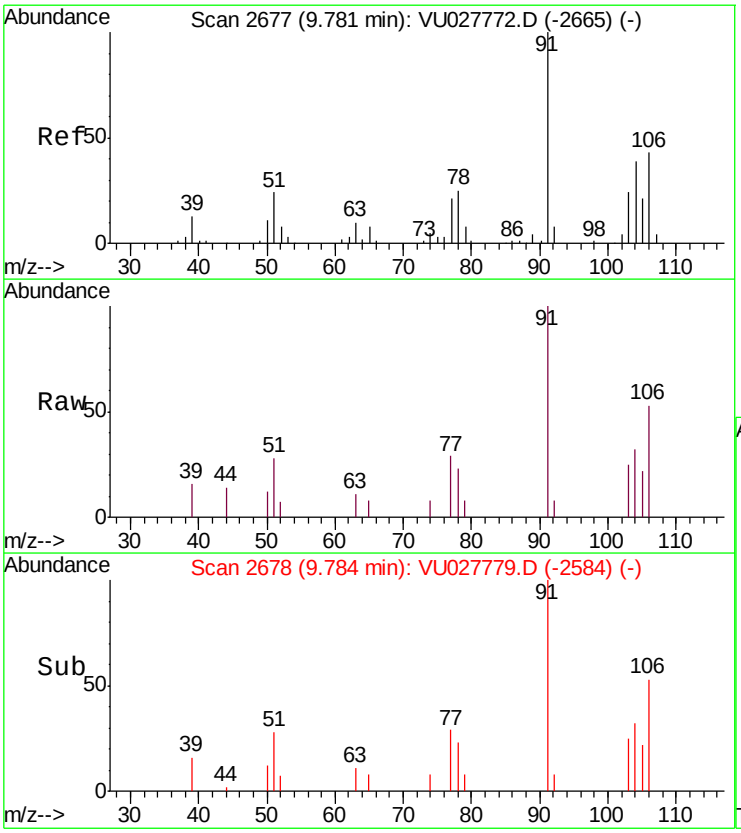
#53
m,p-xylene
Concen: 0.197 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 1121

Ion	Ratio	Lower	Upper
106	100		
91	208.4	154.1	286.3

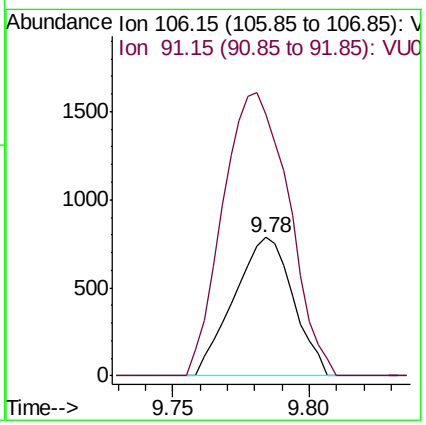


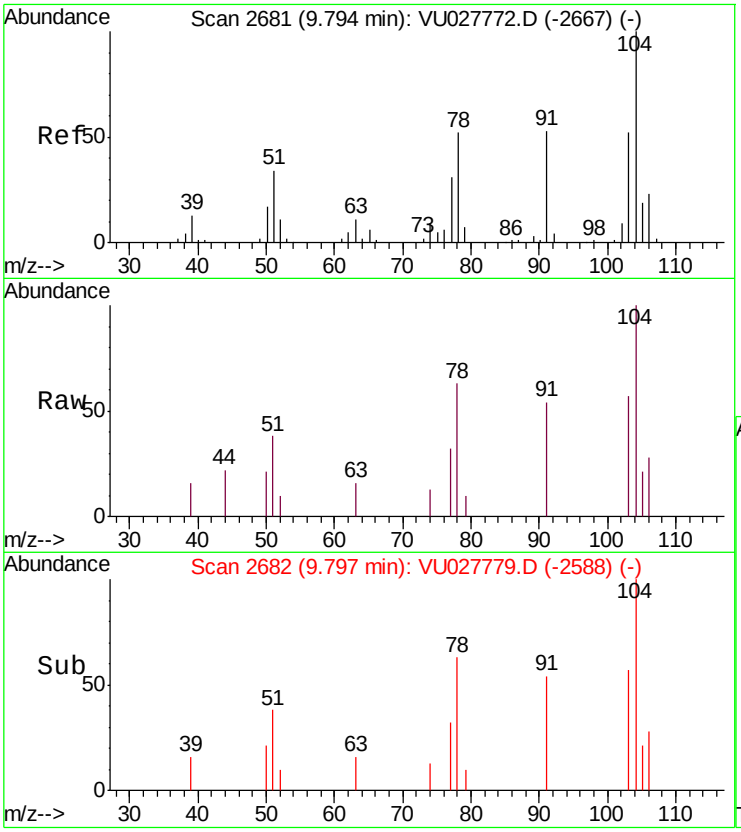


#54
o-xylene
Concen: 0.213 ug/L
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion:106 Resp: 1184

Ion	Ratio	Lower	Upper
106	100		
91	188.8	161.3	299.7



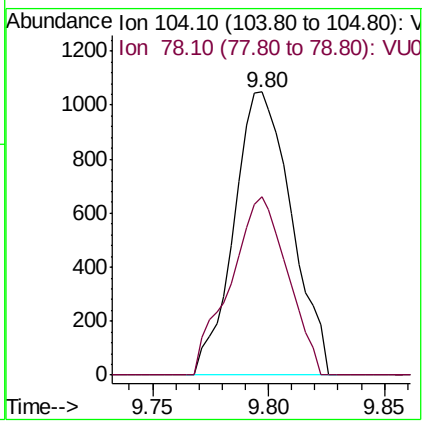


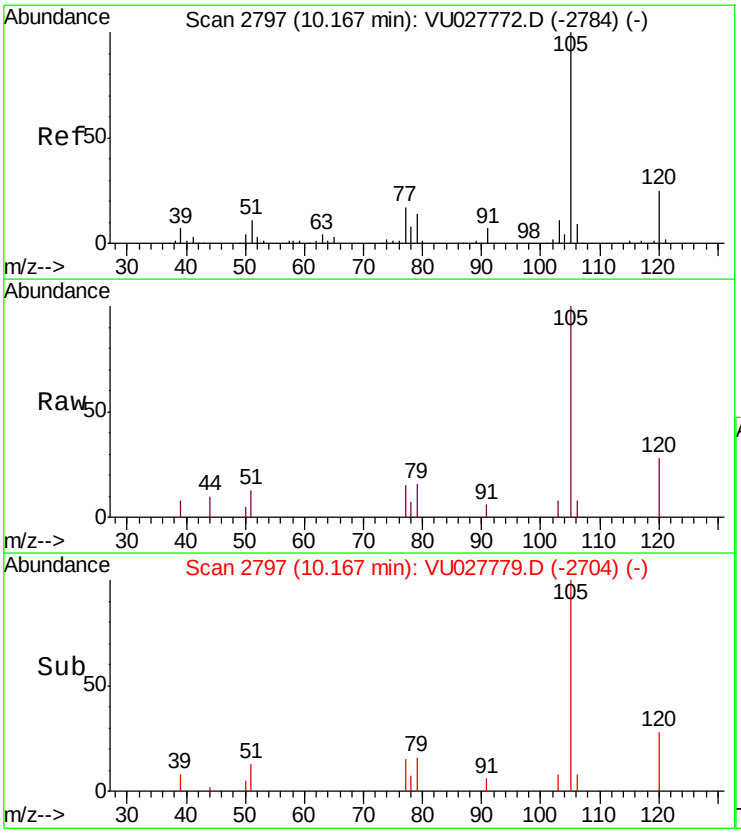
#55
Styrene
Concen: 0.192 ug/L
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:104 Resp: 1808

Ion	Ratio	Lower	Upper
104	100		
78	63.0	36.3	67.3

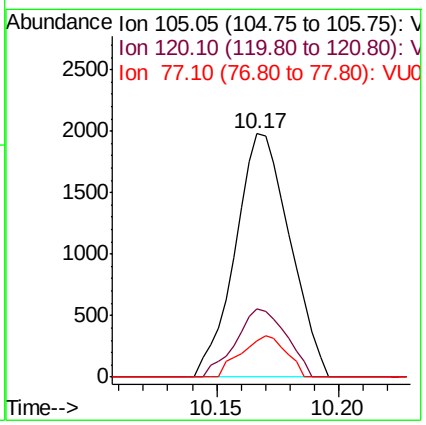


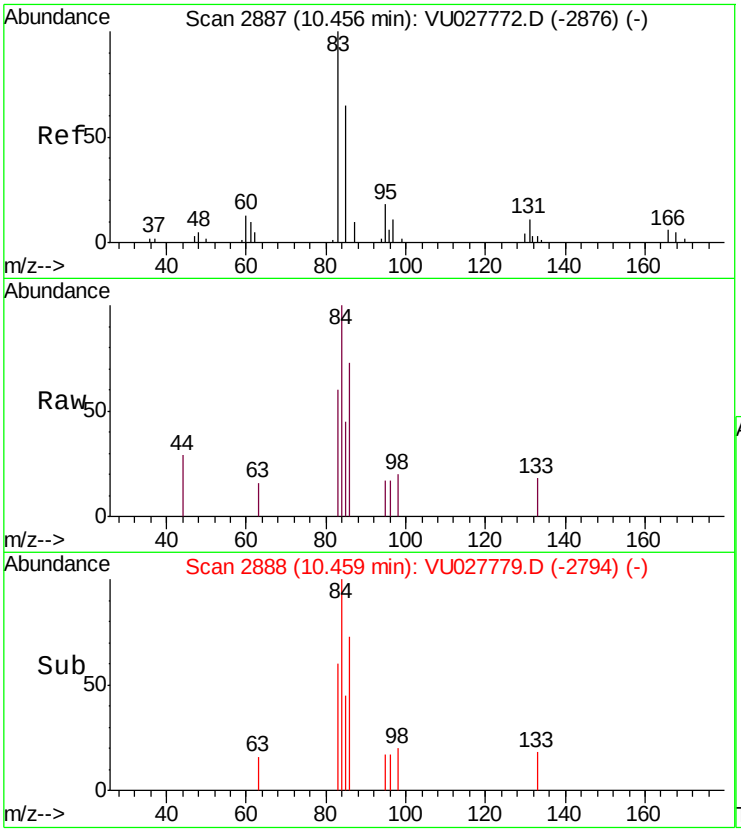


#56
Isopropylbenzene
Concen: 0.200 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion:105 Resp: 3070

Ion	Ratio	Lower	Upper
105	100		
120	26.1	19.9	29.9
77	14.0	13.7	20.5



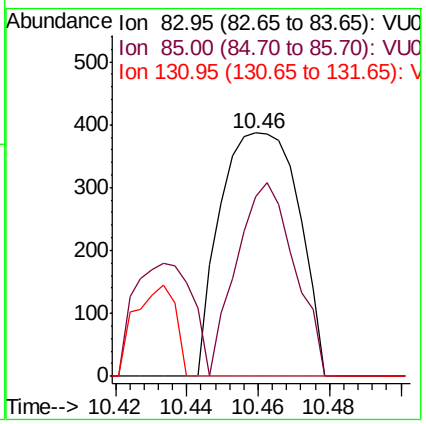


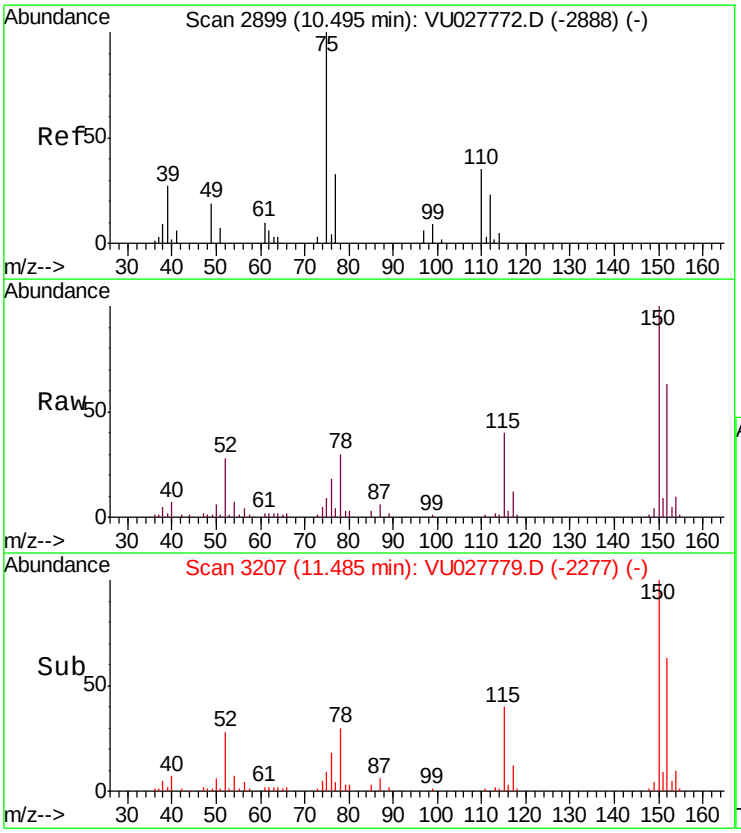
#58
1,1,2,2-Tetrachloroethane
Concen: 0.197 ug/L
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 83 Resp: 589

Ion	Ratio	Lower	Upper
83	100		
85	73.9	45.5	84.5
131	0.0	8.8	13.2#

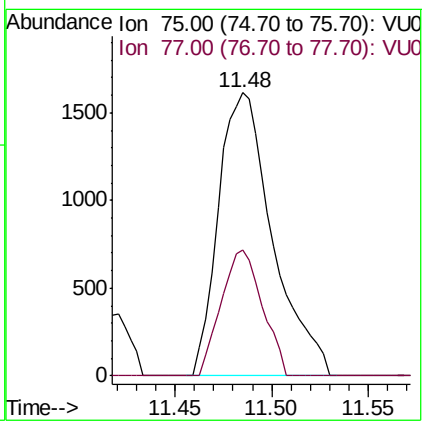


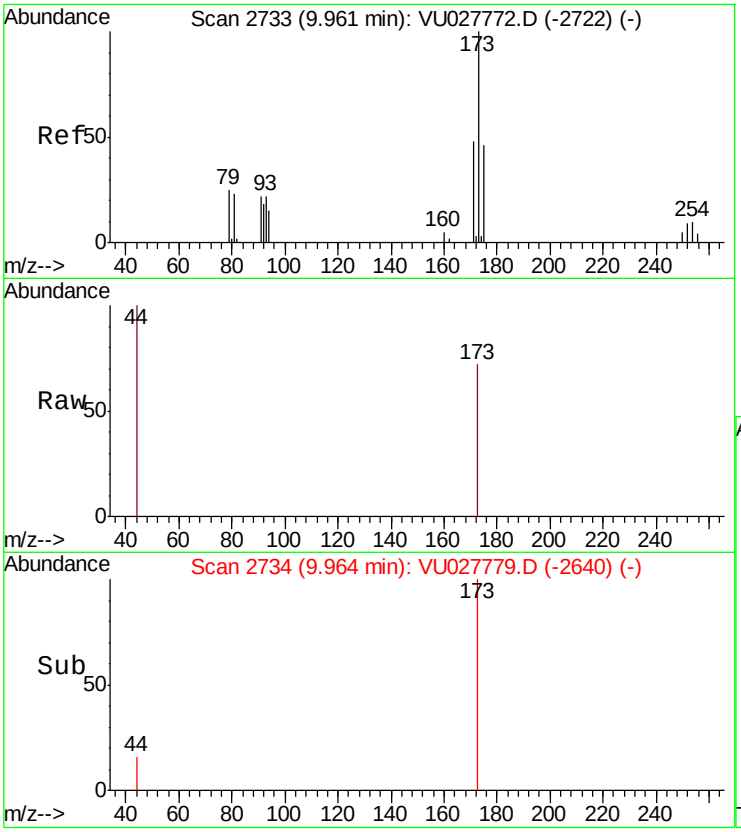


#59
1,2,3-Trichloropropane
Concen: 1.322 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion: 75 Resp: 3138

Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.4	39.6



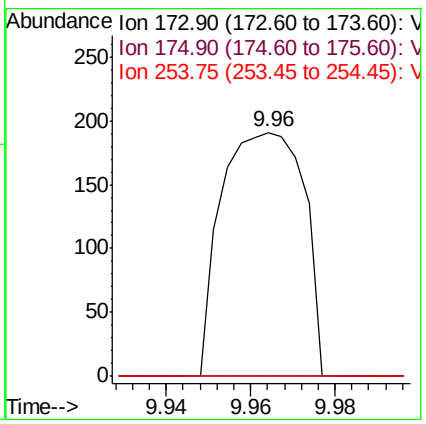


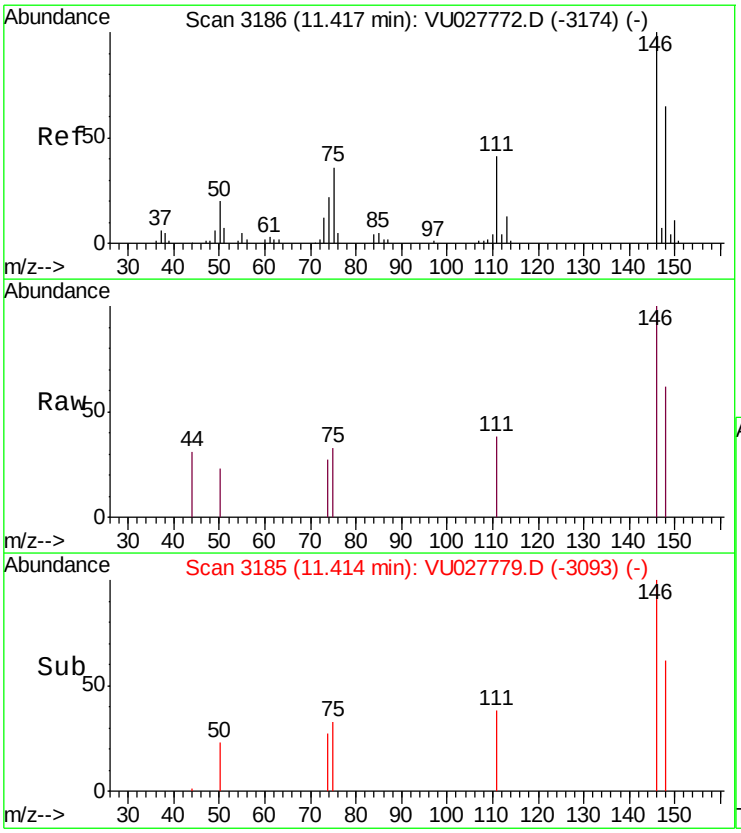
#61
Bromoform
Concen: 0.166 ug/L
RT: 9.96 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:173 Resp: 258

Ion	Ratio	Lower	Upper
173	100		
175	0.0	37.7	56.5#
254	0.0	7.2	10.8#

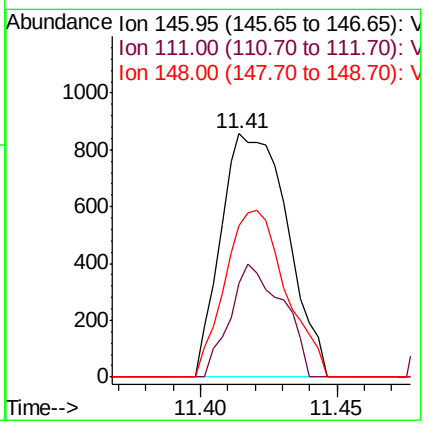


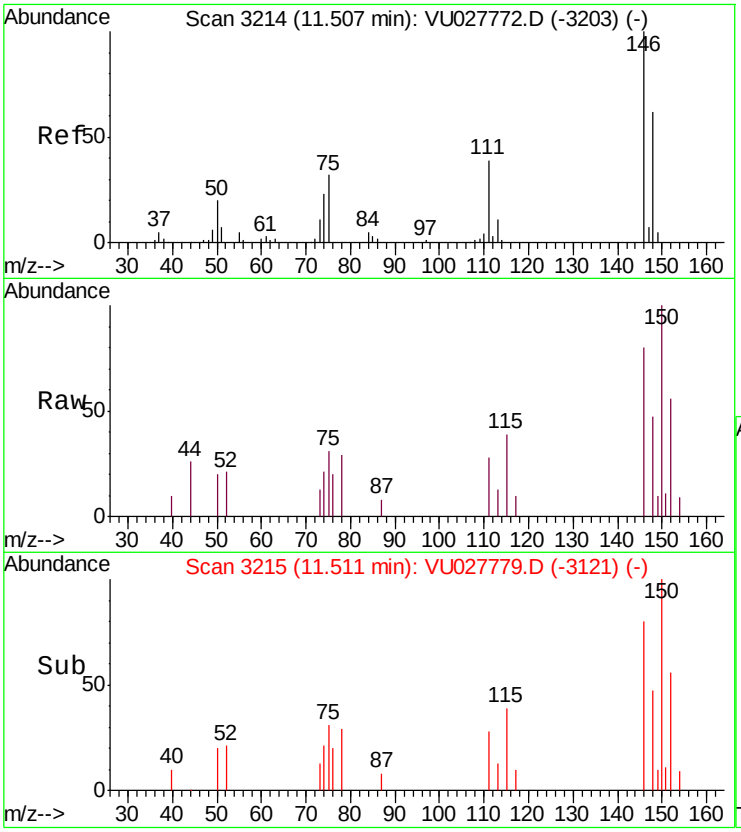


#62
1,3-Dichlorobenzene
Concen: 0.223 ug/L
RT: 11.41 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion:146 Resp: 1452

Ion	Ratio	Lower	Upper
146	100		
111	38.3	28.6	53.0
148	62.2	45.1	83.9



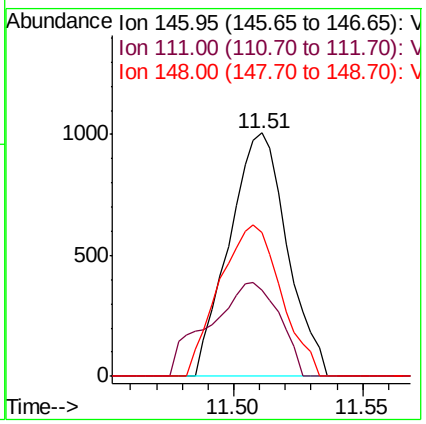


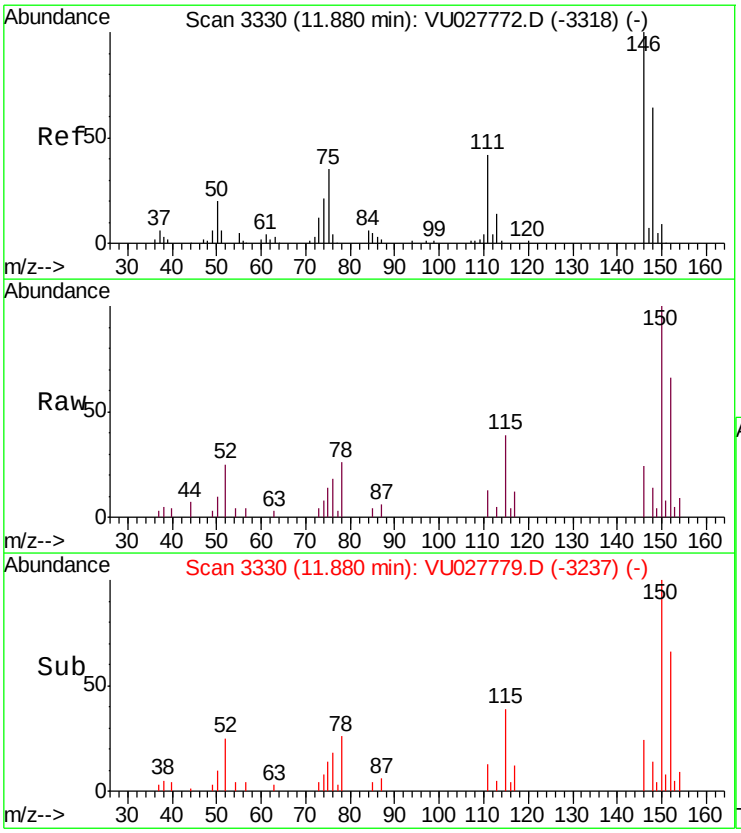
#63
1,4-Dichlorobenzene
Concen: 0.239 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument : MSVOA_U
ClientSampleId : MDL03

Tgt Ion:146 Resp: 1571

Ion	Ratio	Lower	Upper
146	100		
111	35.3	27.6	51.4
148	59.0	43.3	80.3

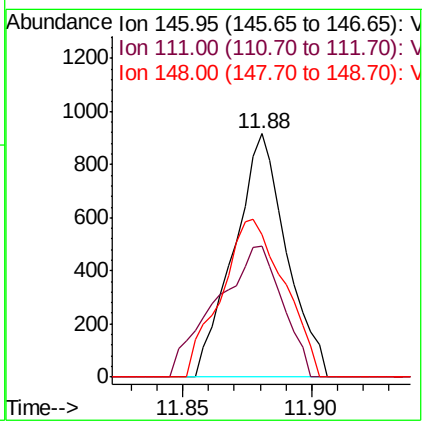


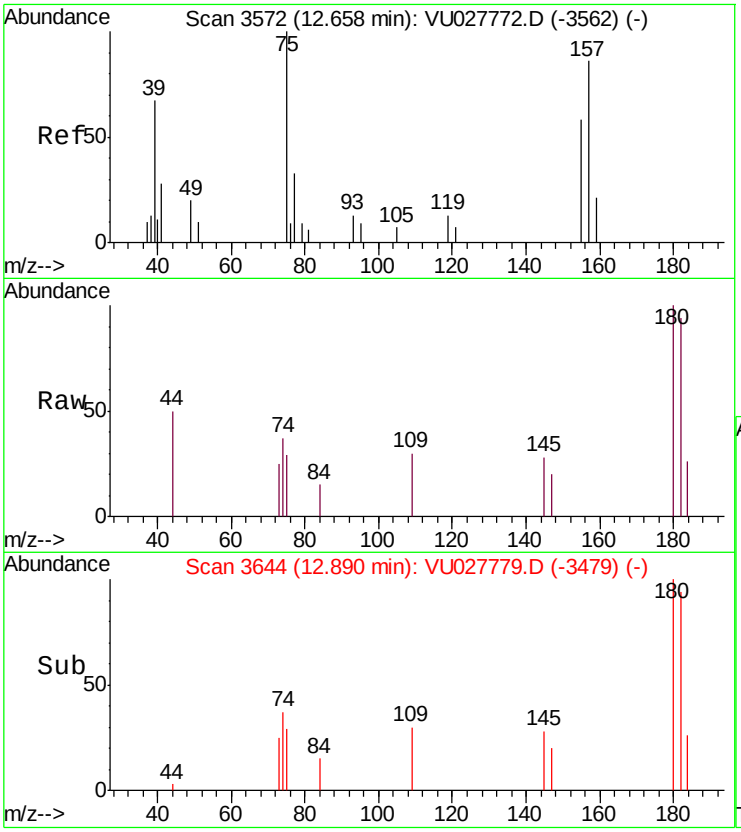


#65
1,2-Dichlorobenzene
Concen: 0.212 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion:146 Resp: 1297

Ion	Ratio	Lower	Upper
146	100		
111	53.5	33.7	50.5#
148	58.6	50.8	76.2



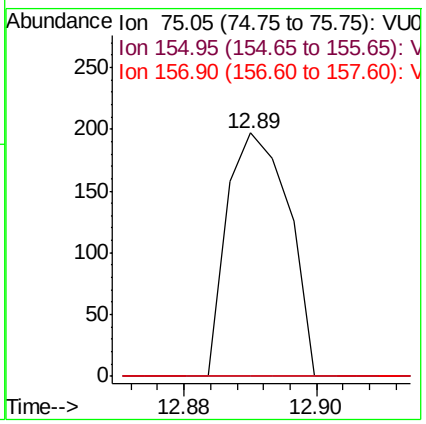


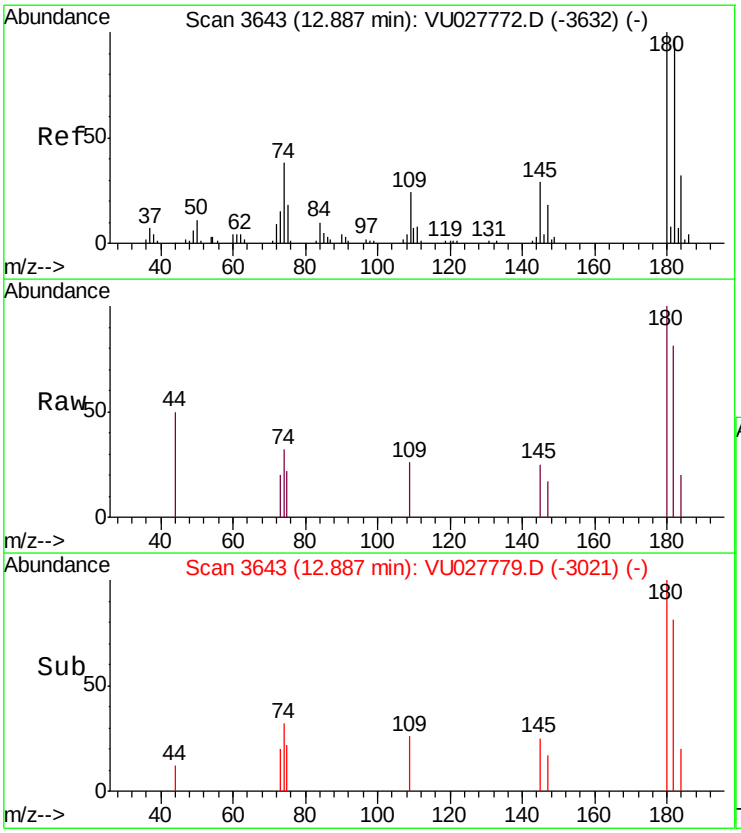
#66
1,2-Dibromo-3-chloropropane
Concen: 0.260 ug/L
RT: 12.89 min Scan# 3644
Delta R.T. 0.23 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 75 Resp: 127

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.2	69.2#
157	0.0	68.9	103.3#

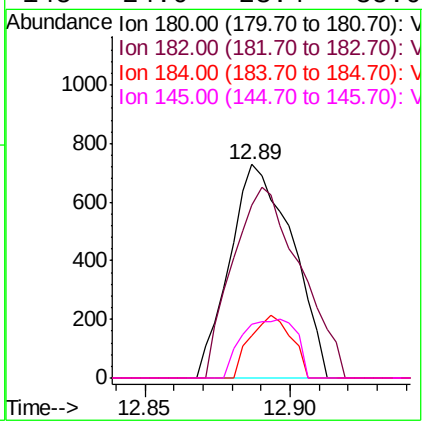


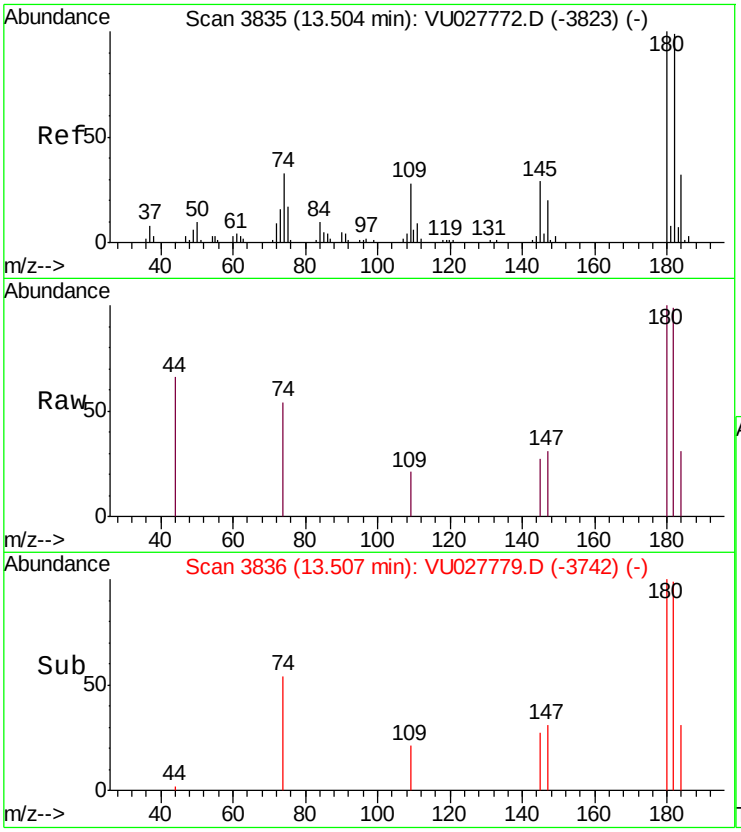


#67
1,3,5-Trichlorobenzene
Concen: 0.209 ug/L
RT: 12.89 min Scan# 3643
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion:180 Resp: 1090

Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.9	118.3
184	19.4	24.6	37.0#
145	24.0	23.4	35.0



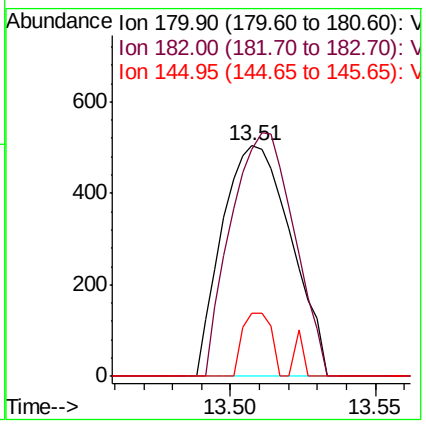


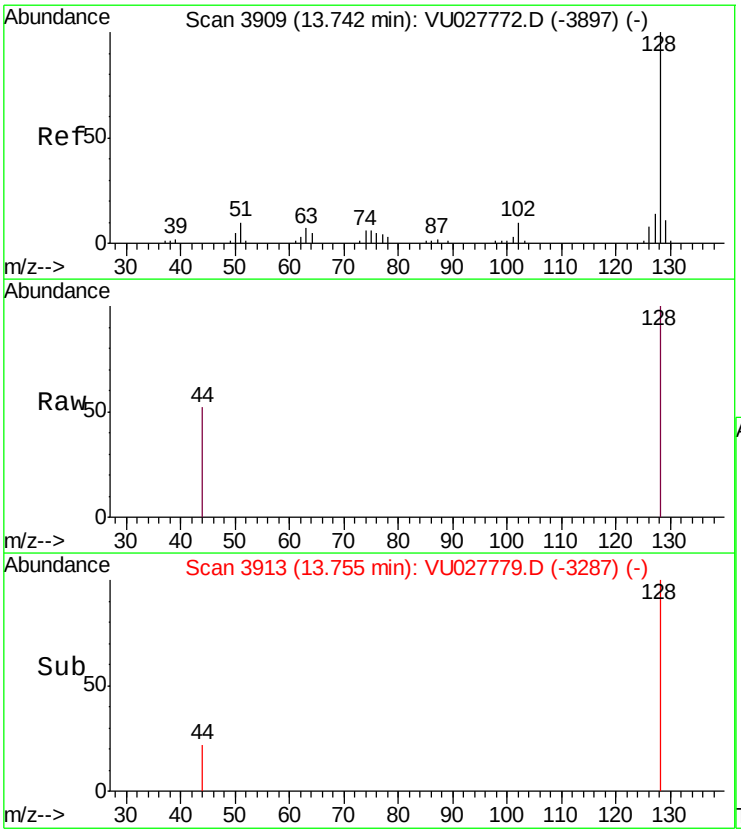
#68
1,2,4-trichlorobenzene
Concen: 0.184 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:180 Resp: 833

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.6	116.4
145	11.4	23.7	35.5#

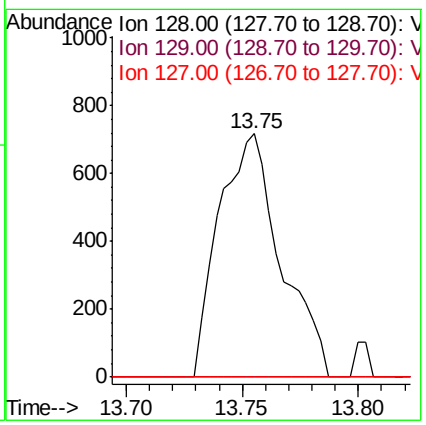


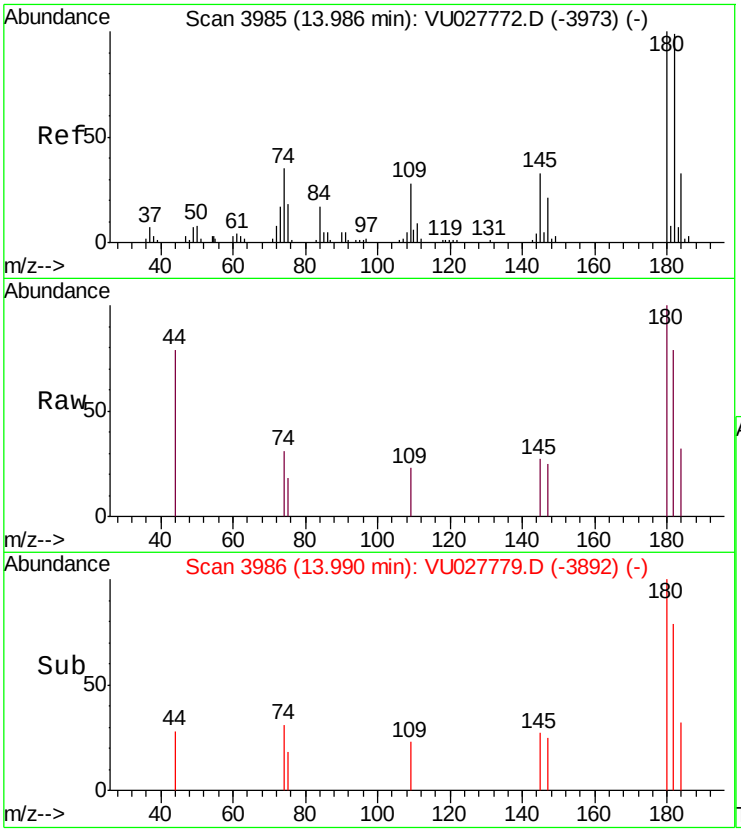


#69
Naphthalene
Concen: 0.181 ug/L
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Tgt Ion:128 Resp: 1333

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.7	16.1#





#70
1,2,3-Trichlorobenzene
Concen: 0.193 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027779.D
Acq: 24 Oct 2018 12:35

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:180 Resp: 809

Ion	Ratio	Lower	Upper
180	100		
182	85.8	76.9	115.3
145	16.4	24.6	37.0#