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

Quantitation Report (Not Reviewed)

Data File : VU027788.D
Acq On : 24 Oct 2018 16:12
Operator : MD/SY
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL05

Quant Time: Oct 25 04:42:51 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	38224	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	37252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18388	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	14827	4.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.20%			
7) Chloroethane-d5	1.68	69	11247	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.28	63	22125	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	4.21	46	49059	51.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.56%			
24) Chloroform-d	4.65	84	27282	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.31	65	16668	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.34	84	51015	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
36) 1,2-Dichloropropane-d6	6.33	67	18387	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.57	98	48239	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
43) trans-1,3-Dichloropropene-	7.85	79	7099	4.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.20%			
46) 2-Hexanone-d5	8.31	63	42079	53.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	12842	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	18186	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	1324	0.357	ug/L	89
3) Chloromethane	1.33	50	1552	0.373	ug/L	90
5) Vinyl chloride	1.41	62	1603	0.400	ug/L #	82
6) Bromomethane	1.63	94	832	0.405	ug/L	98
8) Chloroethane	1.71	64	798	0.368	ug/L	93
9) Trichlorofluoromethane	1.89	101	1986	0.375	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1126	0.421	ug/L #	90
12) 1,1-Dichloroethene	2.29	96	975	0.391	ug/L #	1
13) Acetone	2.34	43	3296	4.826	ug/L	88
14) Carbon disulfide	2.48	76	3121	0.365	ug/L	96
15) Methyl Acetate	2.63	43	1141	0.597	ug/L #	57
16) Methylene chloride	2.70	84	1279	0.435	ug/L	89
17) Methyl tert-butyl Ether	3.01	73	3059	0.384	ug/L #	87
18) trans-1,2-Dichloroethene	2.98	96	974	0.365	ug/L	94
19) 1,1-Dichloroethane	3.45	63	2392	0.405	ug/L #	85
21) 2-Butanone	4.30	43	4334	3.868	ug/L	90
22) cis-1,2-Dichloroethene	4.24	96	1085	0.342	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : VU027788.D
Acq On : 24 Oct 2018 16:12
Operator : MD/SY
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL05

Quant Time: Oct 25 04:42:51 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)
23) Bromochloromethane	4.55	128	471	0.366 ug/L #	91
25) Chloroform	4.68	83	2341	0.394 ug/L	90
27) 1,2-Dichloroethane	5.41	62	1550	0.353 ug/L #	79
29) 1,1,1-Trichloroethane	4.92	97	1718	0.321 ug/L	92
30) Cyclohexane	5.00	56	2283	0.380 ug/L	96
31) Carbon tetrachloride	5.14	117	1596	0.347 ug/L	84
33) Benzene	5.39	78	4890	0.395 ug/L	100
34) Trichloroethene	6.19	95	1027	0.320 ug/L	94
35) Methylcyclohexane	6.41	83	2044	0.381 ug/L	97
37) 1,2-Dichloropropane	6.44	63	1271	0.350 ug/L #	90
38) Bromodichloromethane	6.76	83	1486	0.342 ug/L #	90
39) cis-1,3-Dichloropropene	7.27	75	1680	0.323 ug/L	91
40) 4-Methyl-2-pentanone	7.47	43	10191	3.750 ug/L	95
42) Toluene	7.64	91	4701	0.353 ug/L	92
44) trans-1,3-Dichloropropene	7.88	75	1834	0.418 ug/L	92
45) 1,1,2-Trichloroethane	8.07	97	766	0.349 ug/L	94
47) Tetrachloroethene	8.23	164	882	0.339 ug/L	93
48) 2-Hexanone	8.37	43	7900	4.092 ug/L	96
49) Dibromochloromethane	8.48	129	833	0.298 ug/L	97
50) 1,2-Dibromoethane	8.58	107	743	0.348 ug/L #	84
51) Chlorobenzene	9.12	112	3193	0.389 ug/L #	90
52) Ethylbenzene	9.25	91	6029	0.390 ug/L	91
53) m,p-xylene	9.37	106	2079	0.380 ug/L	83
54) o-xylene	9.78	106	1907	0.356 ug/L	92
55) Styrene	9.79	104	3138	0.346 ug/L	99
56) Isopropylbenzene	10.17	105	5400	0.365 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	1108	0.384 ug/L #	96
59) 1,2,3-Trichloropropane	10.50	75	693	0.303 ug/L	96
61) Bromoform	9.96	173	510	0.330 ug/L #	68
62) 1,3-Dichlorobenzene	11.42	146	2433	0.376 ug/L	89
63) 1,4-Dichlorobenzene	11.51	146	2491	0.381 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	2369	0.390 ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	1885	0.363 ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	1455	0.323 ug/L	93
69) Naphthalene	13.75	128	2268	0.310 ug/L #	88
70) 1,2,3-Trichlorobenzene	13.99	180	1510	0.364 ug/L #	86

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

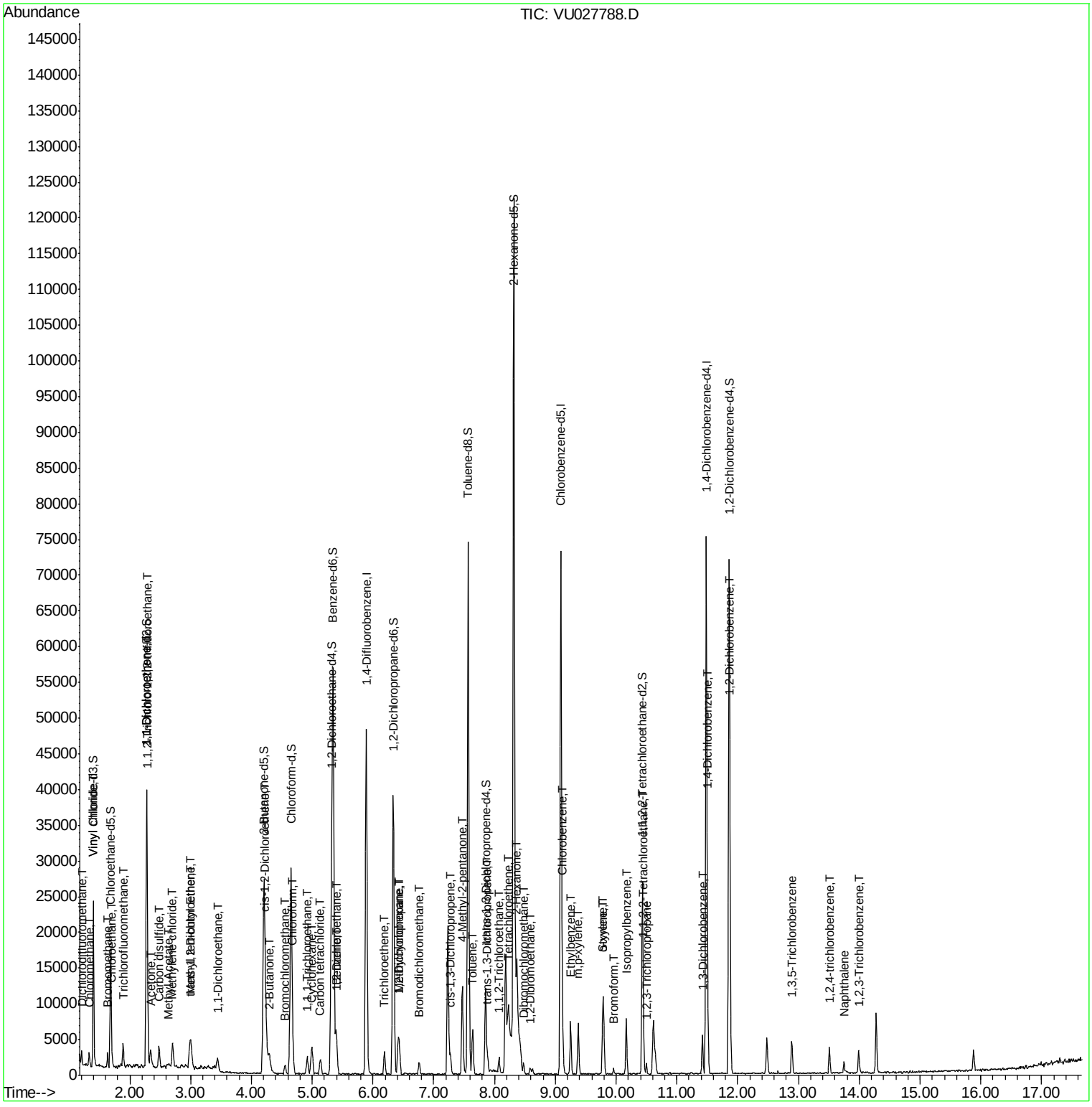
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

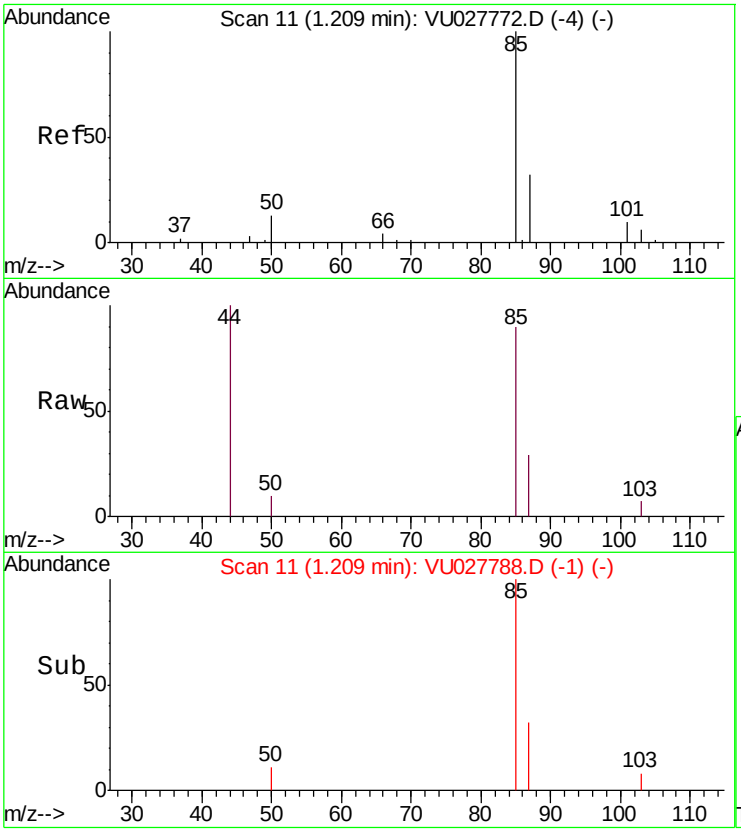
Quantitation Report (Not Reviewed)

Data File : VU027788.D
Acq On : 24 Oct 2018 16:12
Operator : MD/SY
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL05

Quant Time: Oct 25 04:42:51 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



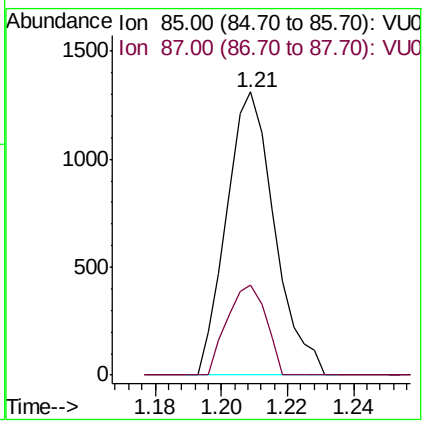


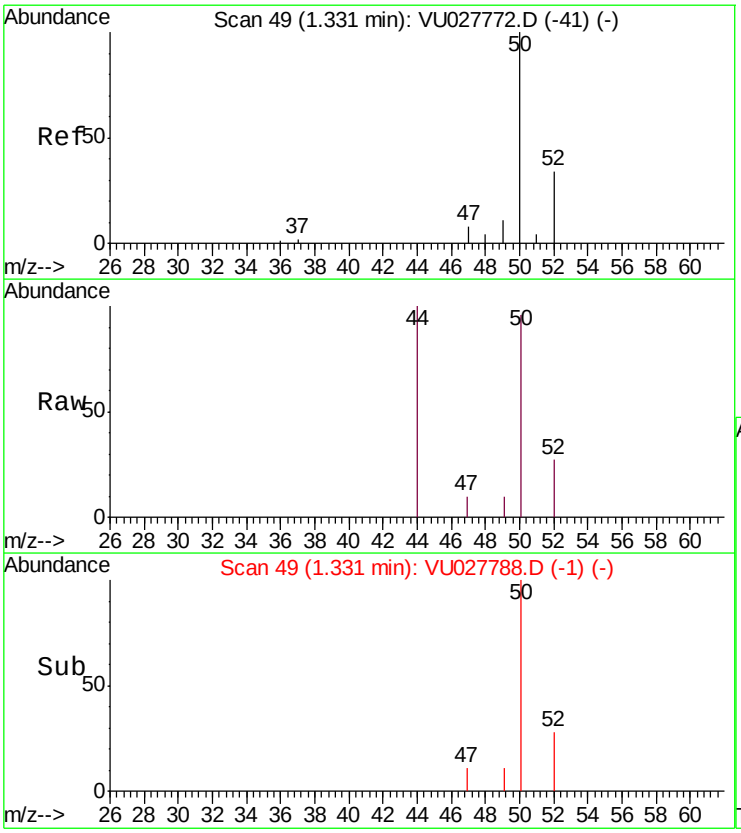
#2
Dichlorodifluoromethane
Concen: 0.357 ug/L
RT: 1.21 min Scan# 11
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 85 Resp: 1324

Ion	Ratio	Lower	Upper
85	100		
87	25.6	25.4	38.0

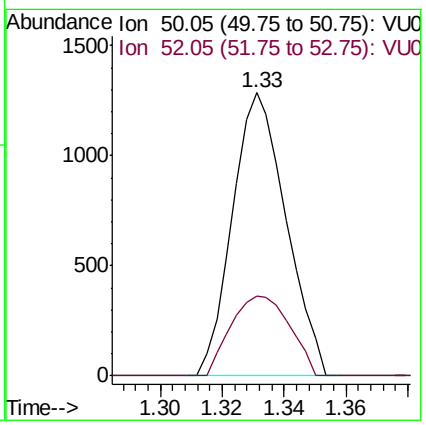


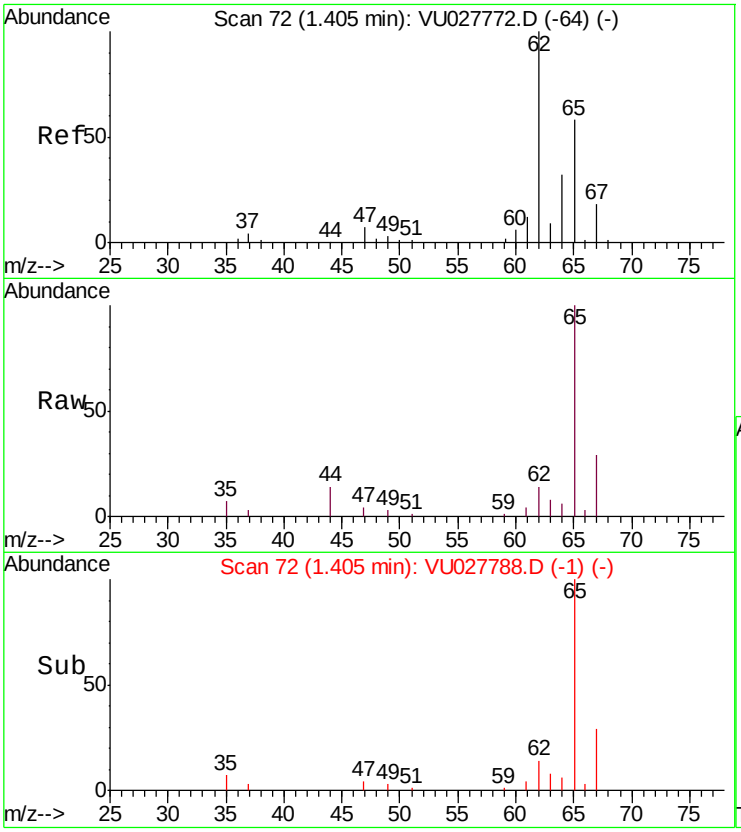


#3
Chloromethane
Concen: 0.373 ug/L
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 50 Resp: 1552

Ion	Ratio	Lower	Upper
50	100		
52	28.1	23.7	43.9



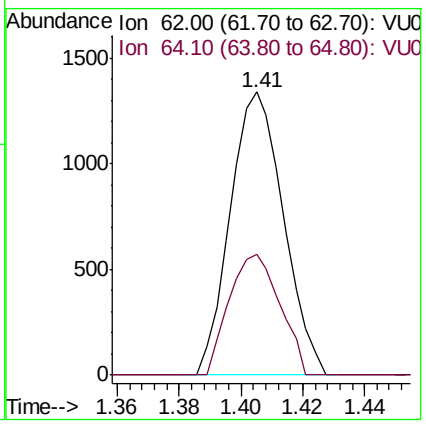


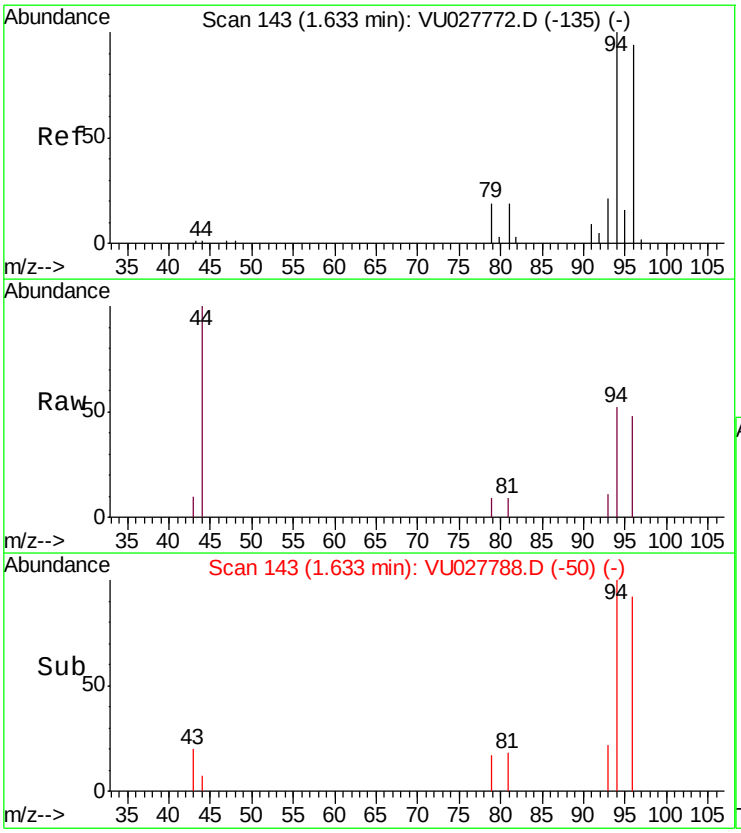
#5
Vinyl chloride
Concen: 0.400 ug/L
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 62 Resp: 1603

Ion	Ratio	Lower	Upper
62	100		
64	42.8	22.7	42.1#

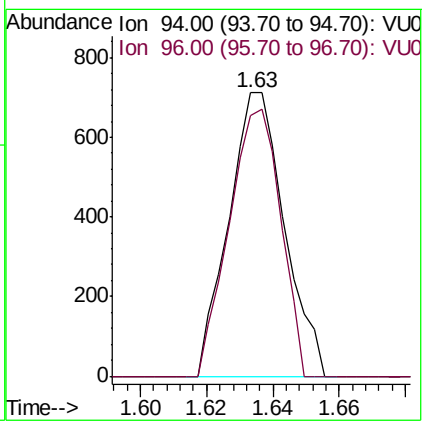


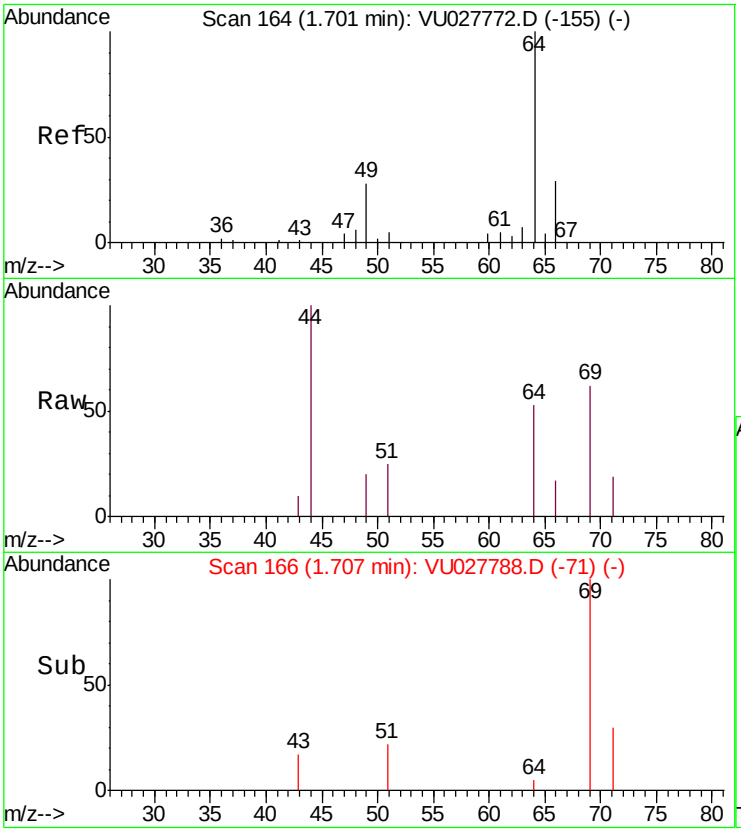


#6
Bromomethane
Concen: 0.405 ug/L
RT: 1.63 min Scan# 143
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 94 Resp: 832

Ion	Ratio	Lower	Upper
94	100		
96	92.1	65.5	121.7



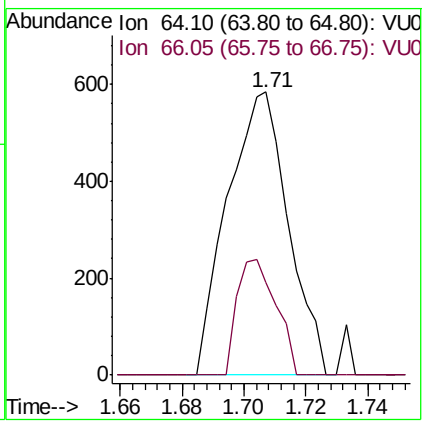


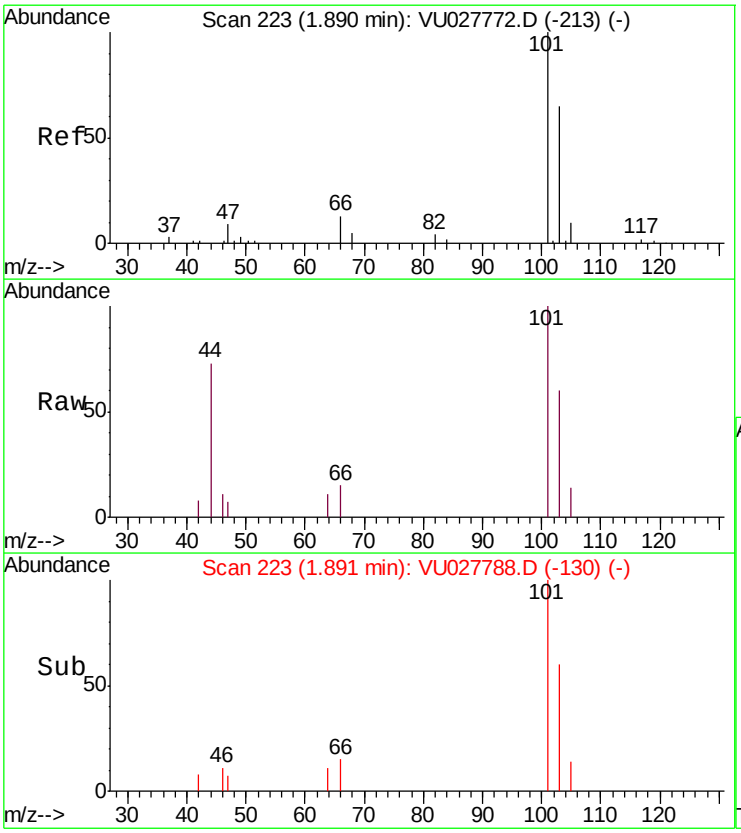
#8
Chloroethane
Concen: 0.368 ug/L
RT: 1.71 min Scan# 166
Delta R.T. 0.01 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 64 Resp: 798

Ion	Ratio	Lower	Upper
64	100		
66	32.5	20.3	37.7

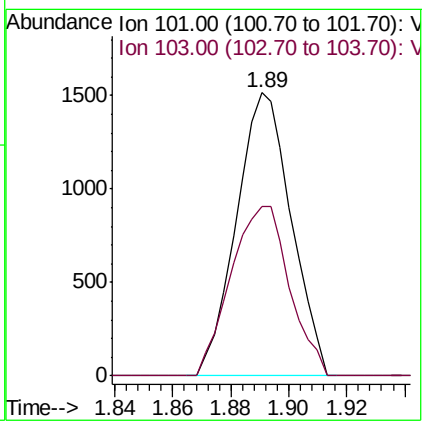


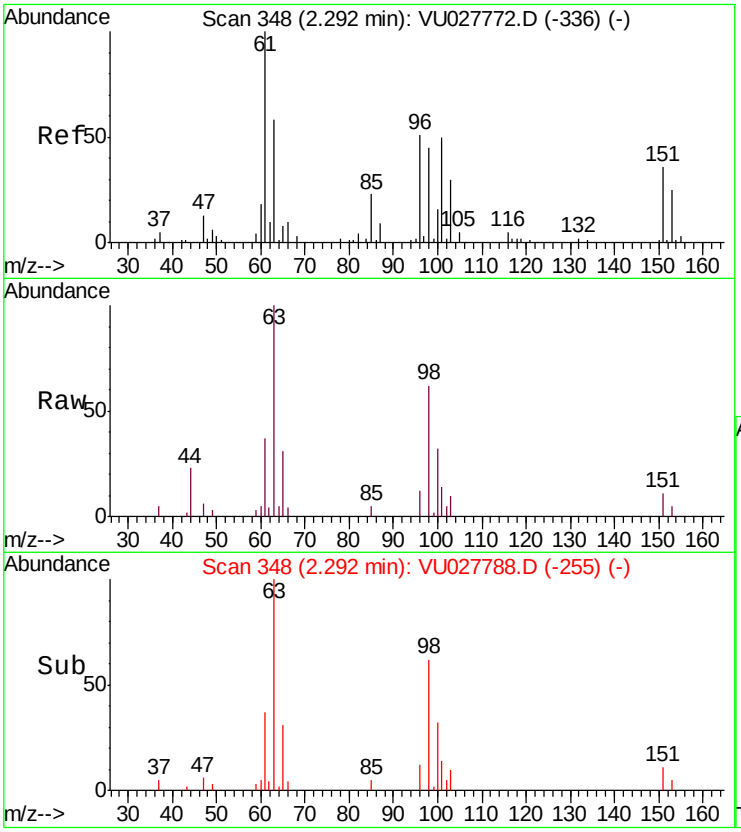


#9
Trichlorofluoromethane
Concen: 0.375 ug/L
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:101 Resp: 1986

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.0	76.4



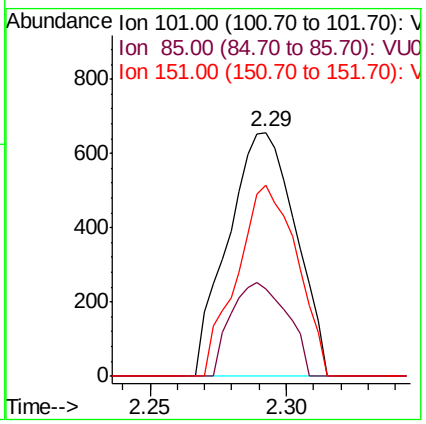


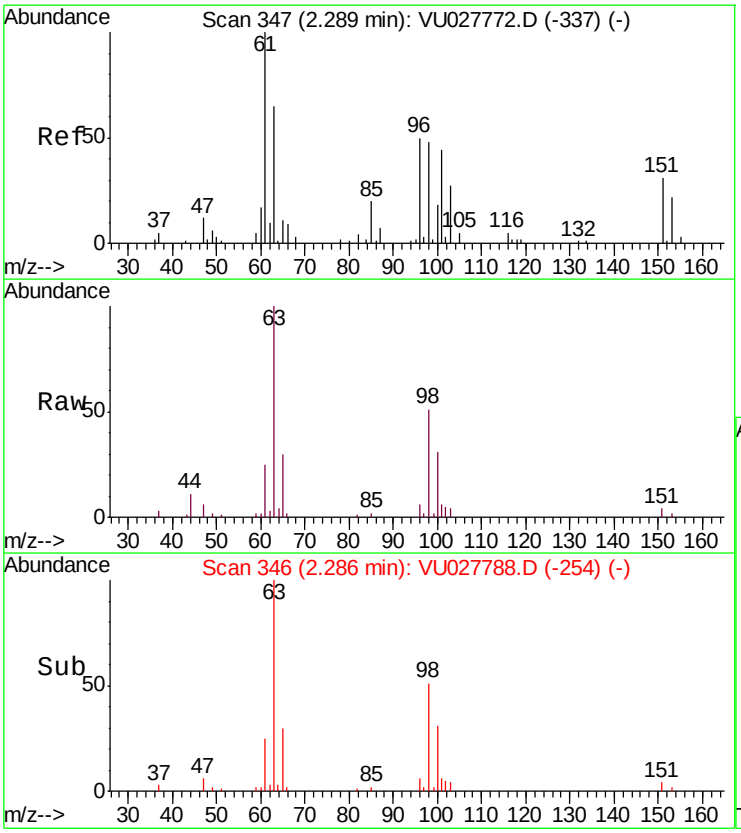
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.421 ug/L
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 1126

Ion	Ratio	Lower	Upper
101	100		
85	32.1	38.1	57.1#
151	69.4	57.0	85.4

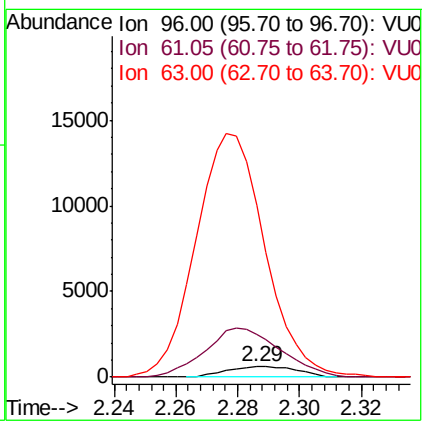


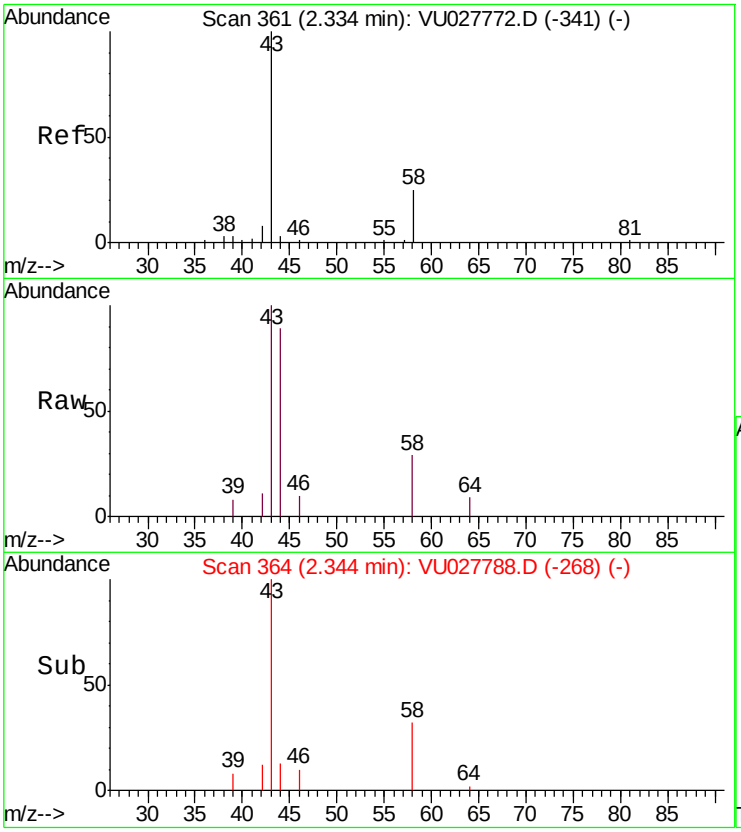


#12
1,1-Dichloroethene
Concen: 0.391 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 96 Resp: 975

Ion	Ratio	Lower	Upper
96	100		
61	415.1	143.8	267.0#
63	1675.5	105.1	195.3#



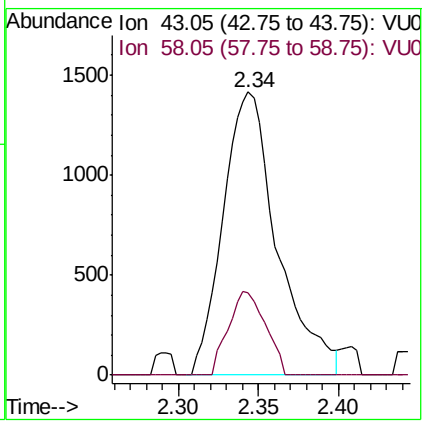


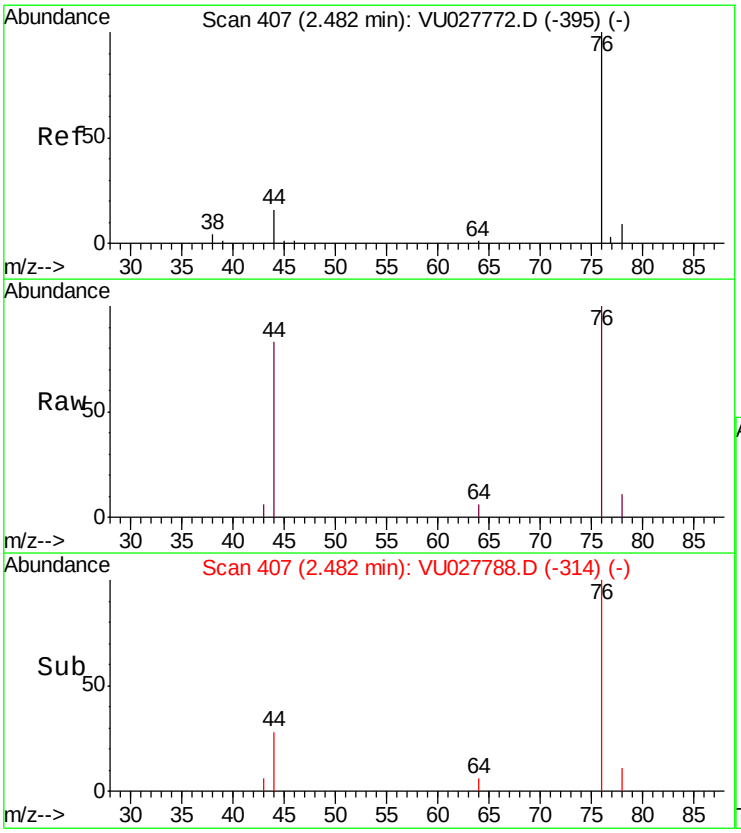
#13
Acetone
Concen: 4.826 ug/L
RT: 2.34 min Scan# 364
Delta R.T. 0.01 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 3296

Ion	Ratio	Lower	Upper
43	100		
58	20.1	0.0	52.8

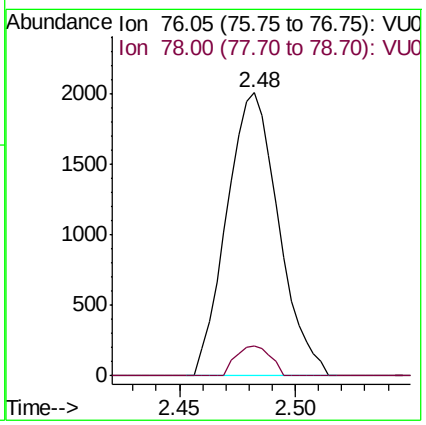


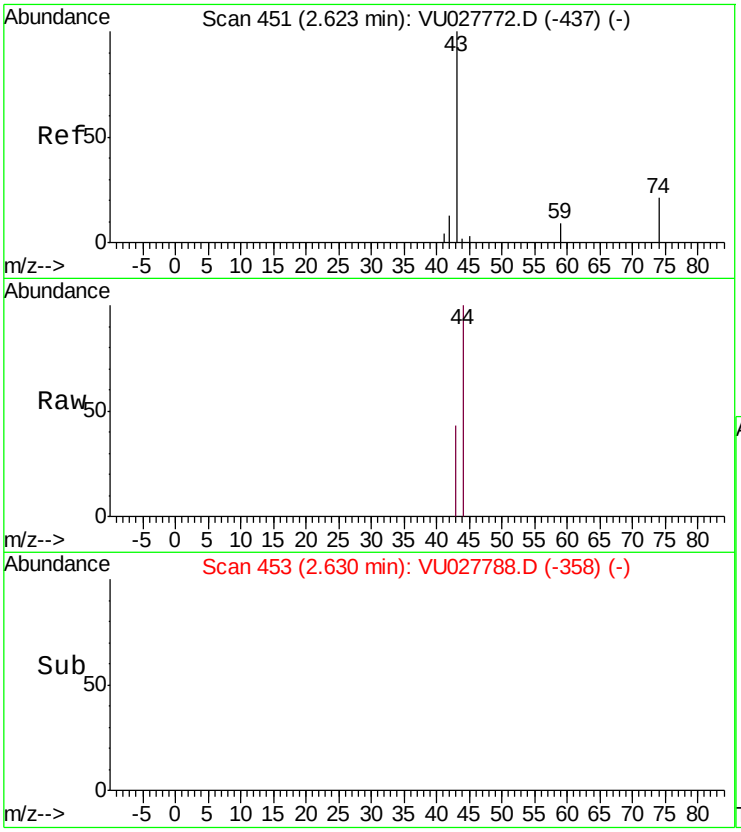


#14
Carbon disulfide
Concen: 0.365 ug/L
RT: 2.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 76 Resp: 3121

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.4	11.0



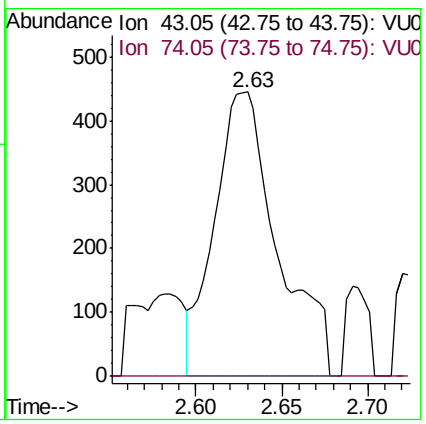


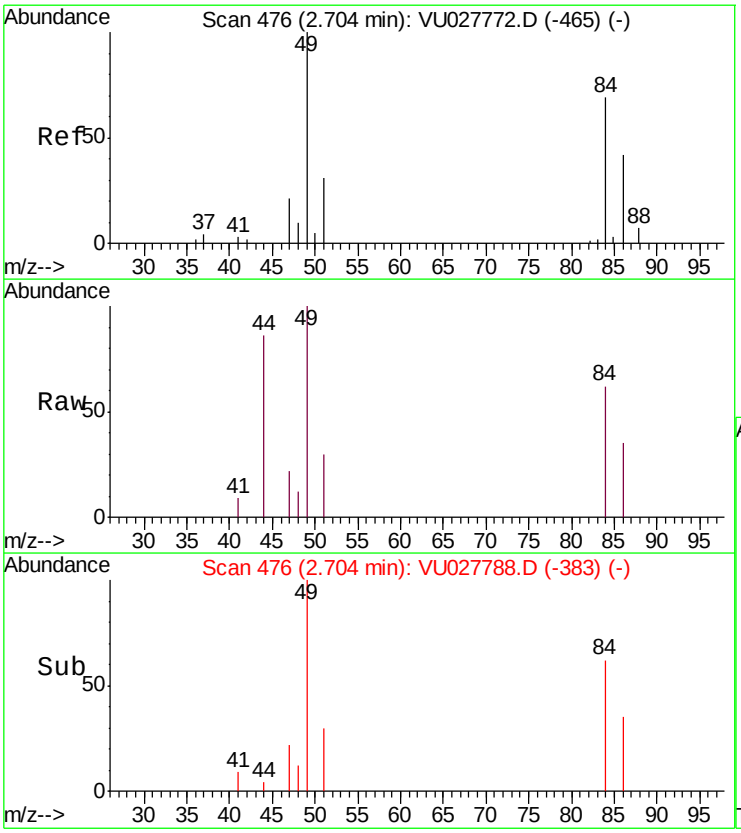
#15
Methyl Acetate
Concen: 0.597 ug/L
RT: 2.63 min Scan# 453
Delta R.T. 0.01 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 1141

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.8	23.8#

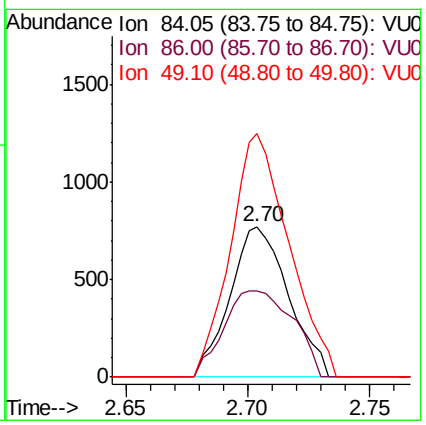


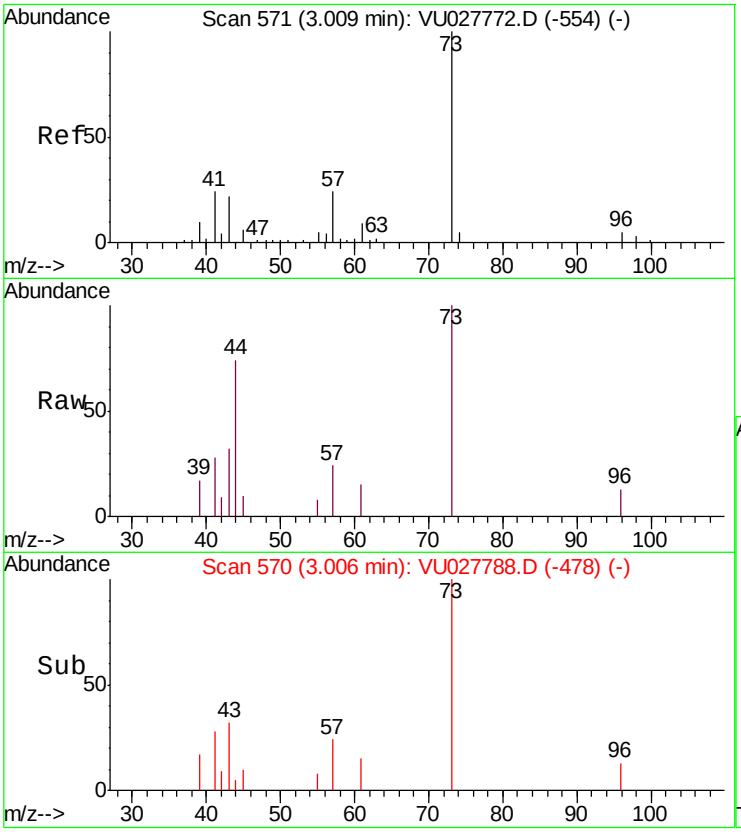


#16
Methylene chloride
Concen: 0.435 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 84 Resp: 1279

Ion	Ratio	Lower	Upper
84	100		
86	57.3	42.8	79.4
49	161.7	101.4	188.4



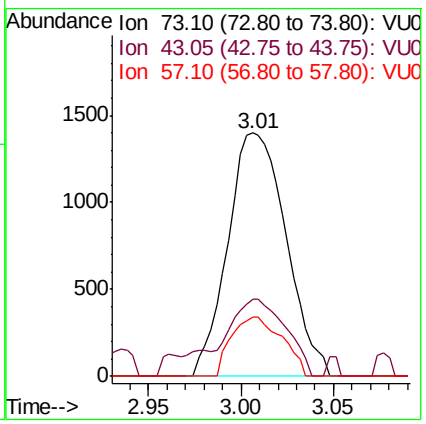


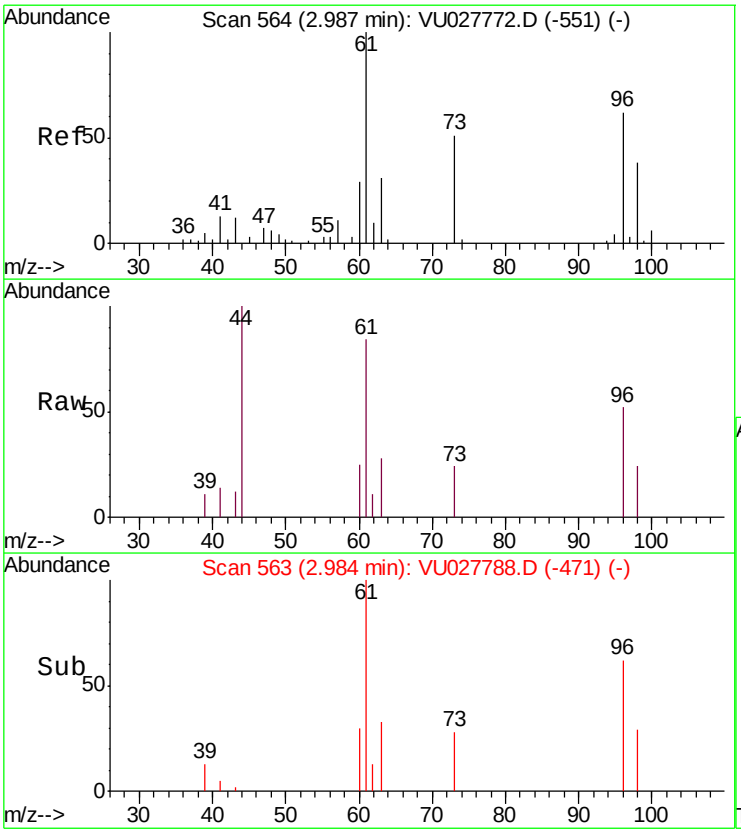
#17
Methyl tert-butyl Ether
Concen: 0.384 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 73 Resp: 3059

Ion	Ratio	Lower	Upper
73	100		
43	34.7	18.6	28.0#
57	21.2	18.2	27.2

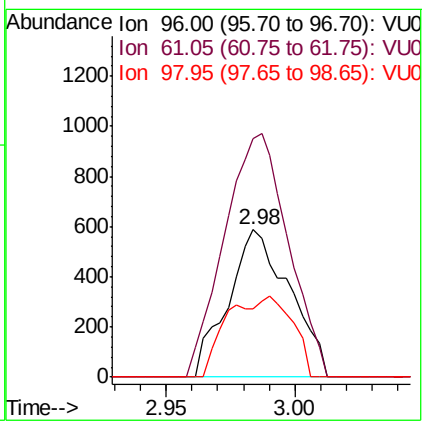


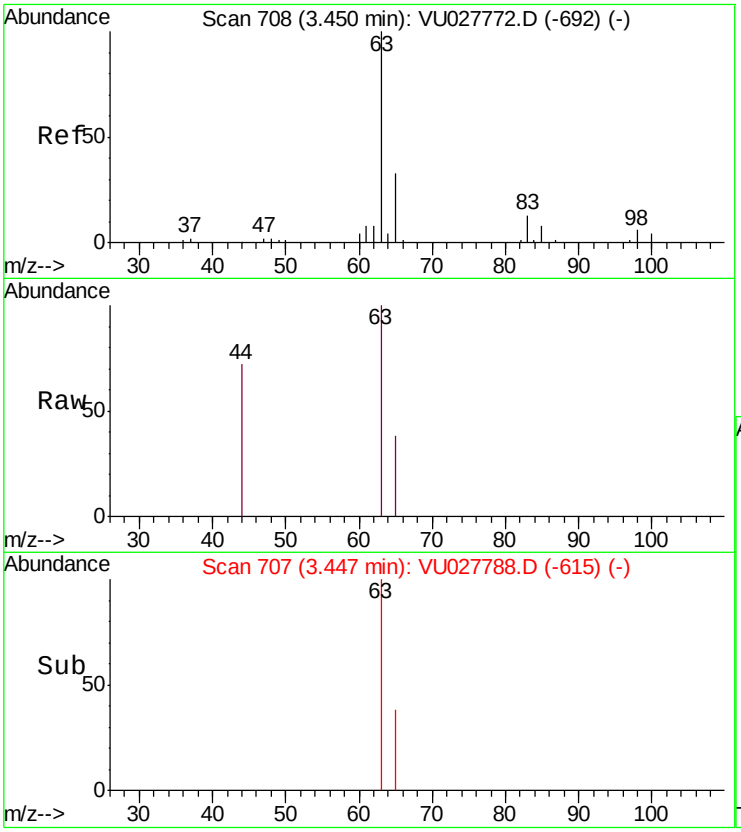


#18
trans-1,2-Dichloroethene
Concen: 0.365 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 96 Resp: 974

Ion	Ratio	Lower	Upper
96	100		
61	161.7	112.1	208.3
98	46.3	42.1	78.3



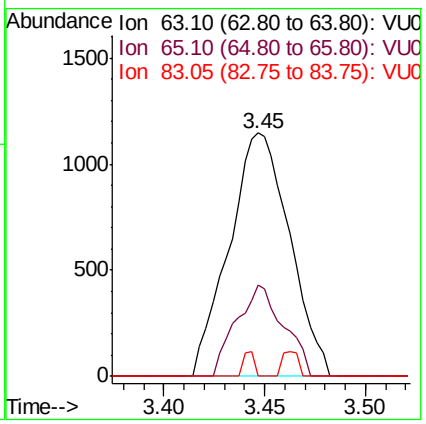


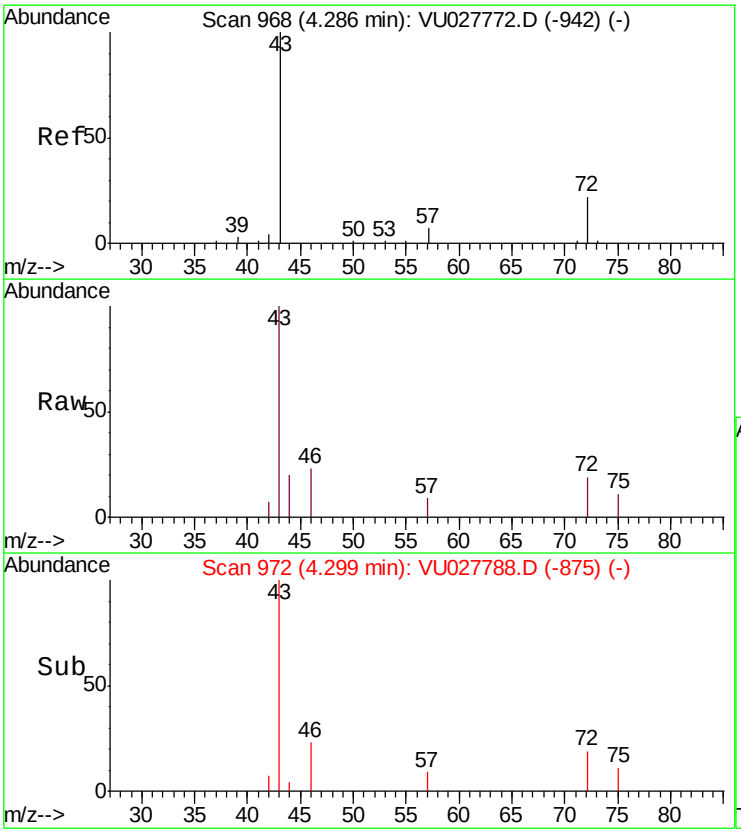
#19
1,1-Dichloroethane
Concen: 0.405 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 2392

Ion	Ratio	Lower	Upper
63	100		
65	37.7	23.1	42.9
83	0.0	9.2	17.0#

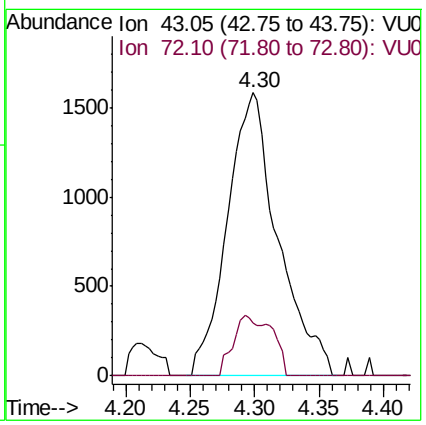


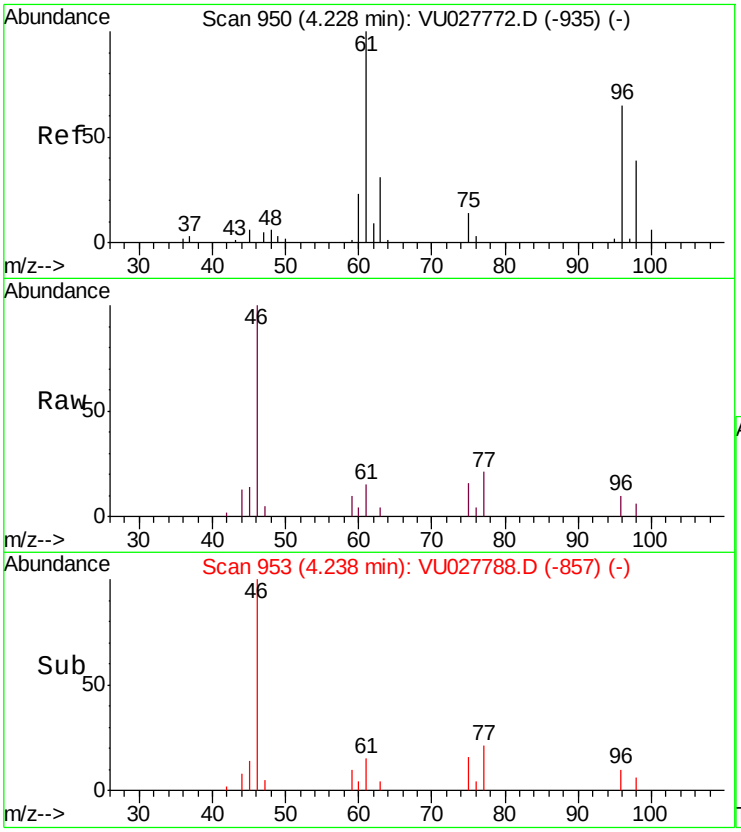


#21
2-Butanone
Concen: 3.868 ug/L
RT: 4.30 min Scan# 972
Delta R.T. 0.01 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 43 Resp: 4334

Ion	Ratio	Lower	Upper
43	100		
72	16.2	10.5	31.6



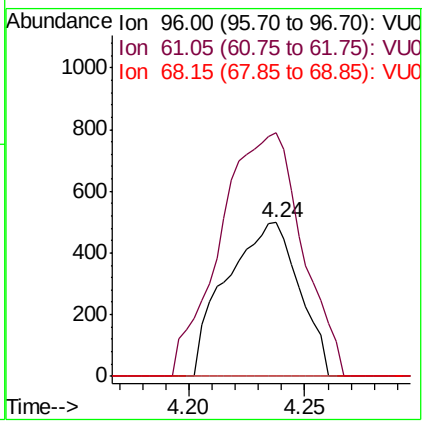


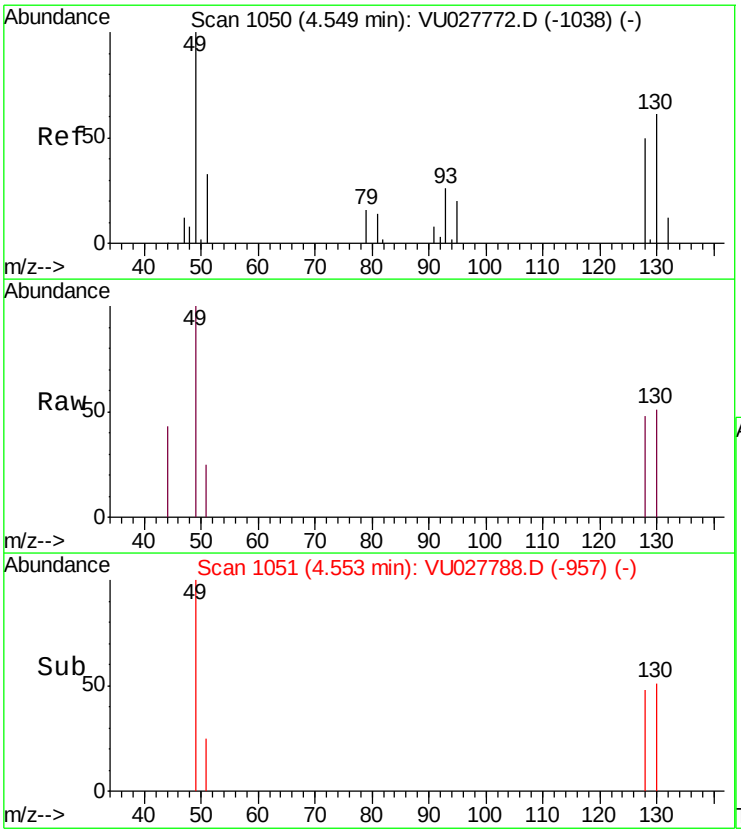
#22
cis-1,2-Dichloroethene
Concen: 0.342 ug/L
RT: 4.24 min Scan# 953
Delta R.T. 0.01 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 96 Resp: 1085

Ion	Ratio	Lower	Upper
96	100		
61	158.4	107.2	199.0
68	0.0	0.0	0.0

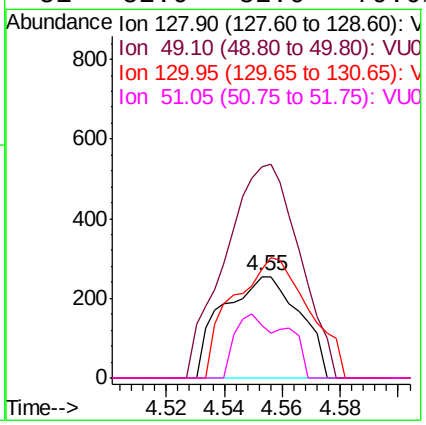


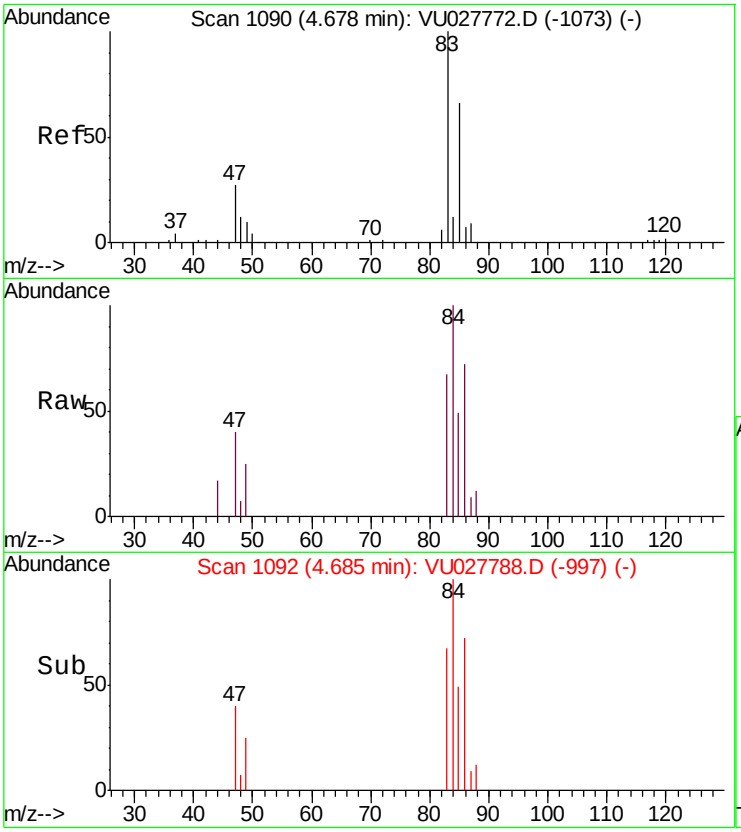


#23
Bromochloromethane
Concen: 0.366 ug/L
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:128 Resp: 471

Ion	Ratio	Lower	Upper
128	100		
49	208.3	142.8	265.2
130	107.1	86.0	159.8
51	52.0	52.6	79.0#



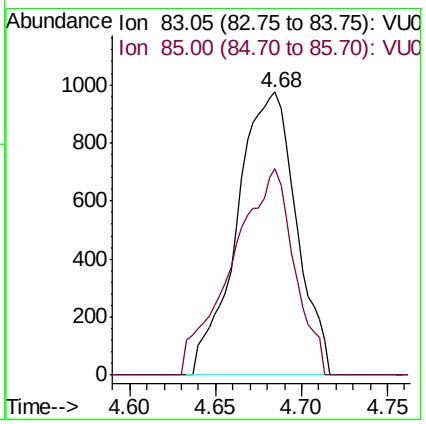


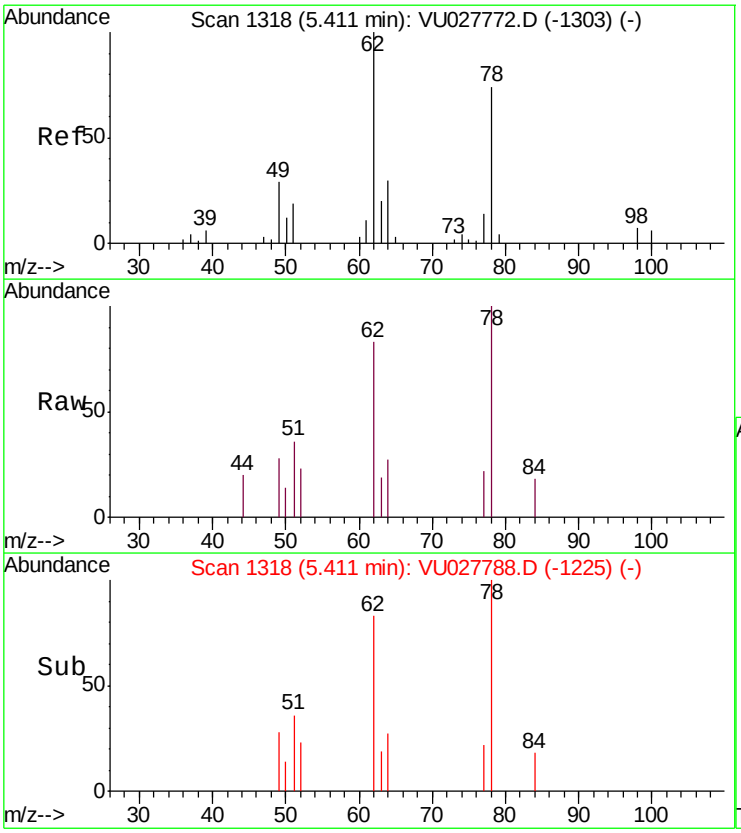
#25
Chloroform
Concen: 0.394 ug/L
RT: 4.68 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 83 Resp: 2341

Ion	Ratio	Lower	Upper
83	100		
85	73.0	45.8	85.2

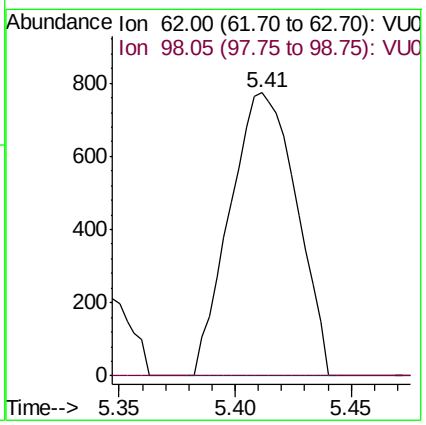


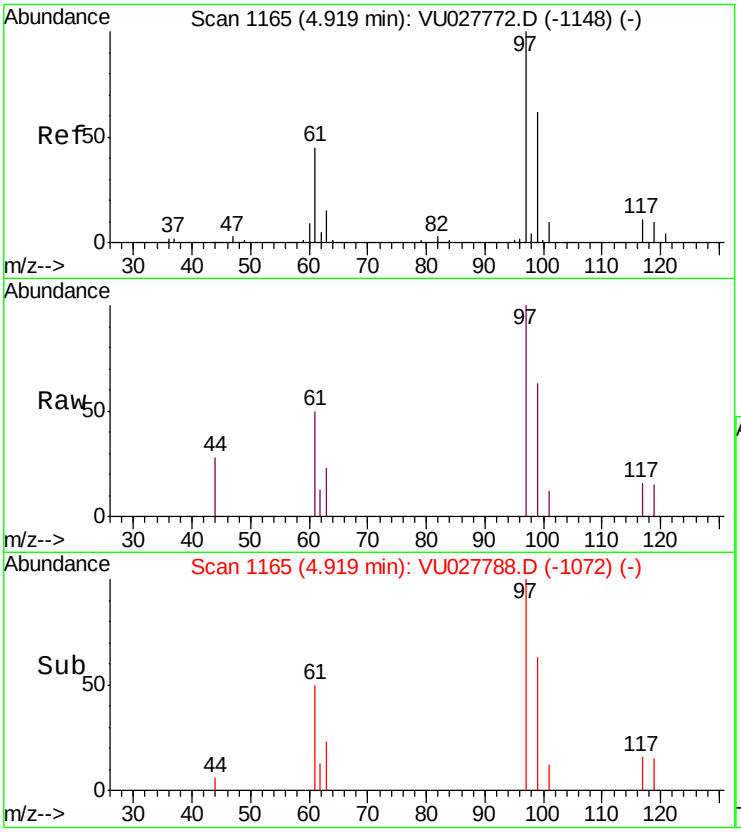


#27
1,2-Dichloroethane
Concen: 0.353 ug/L
RT: 5.41 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 62 Resp: 1550

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#



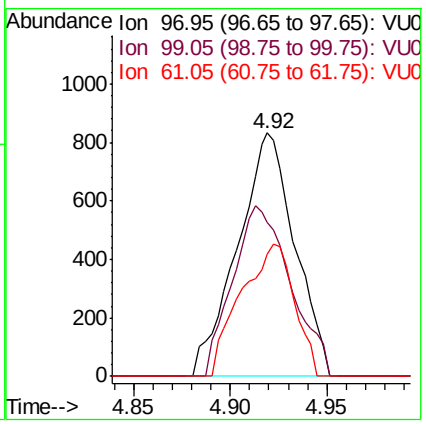


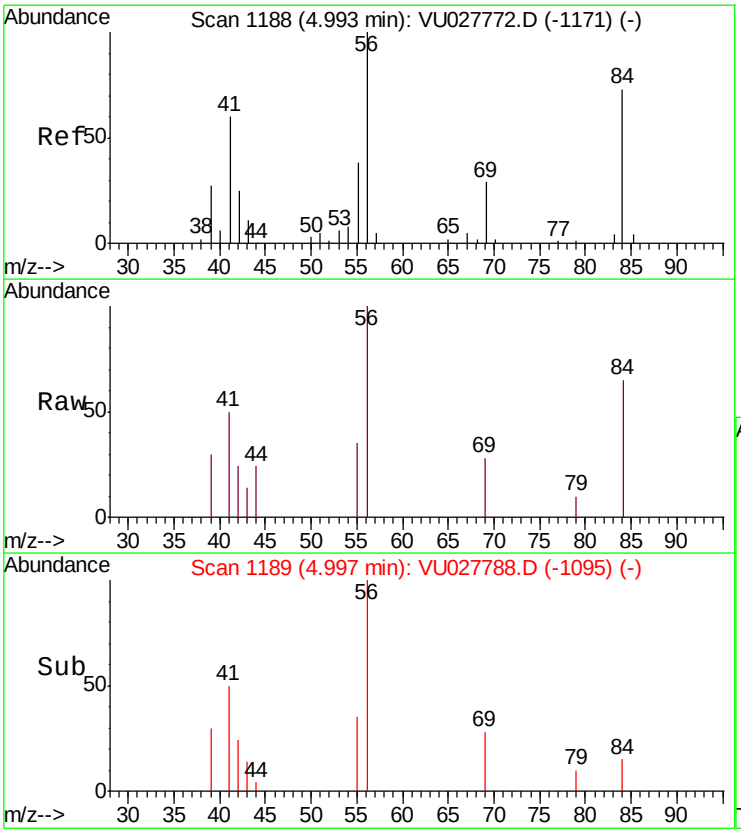
#29
1,1,1-Trichloroethane
Concen: 0.321 ug/L
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 97 Resp: 1718

Ion	Ratio	Lower	Upper
97	100		
99	70.8	51.3	76.9
61	50.5	36.7	55.1

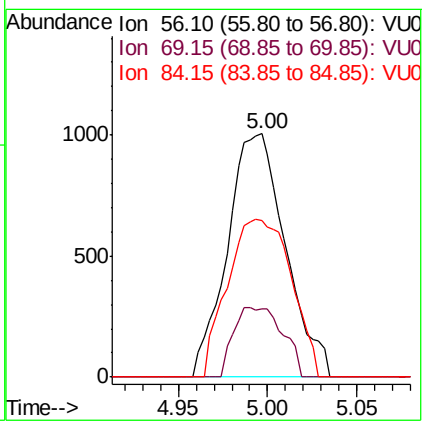


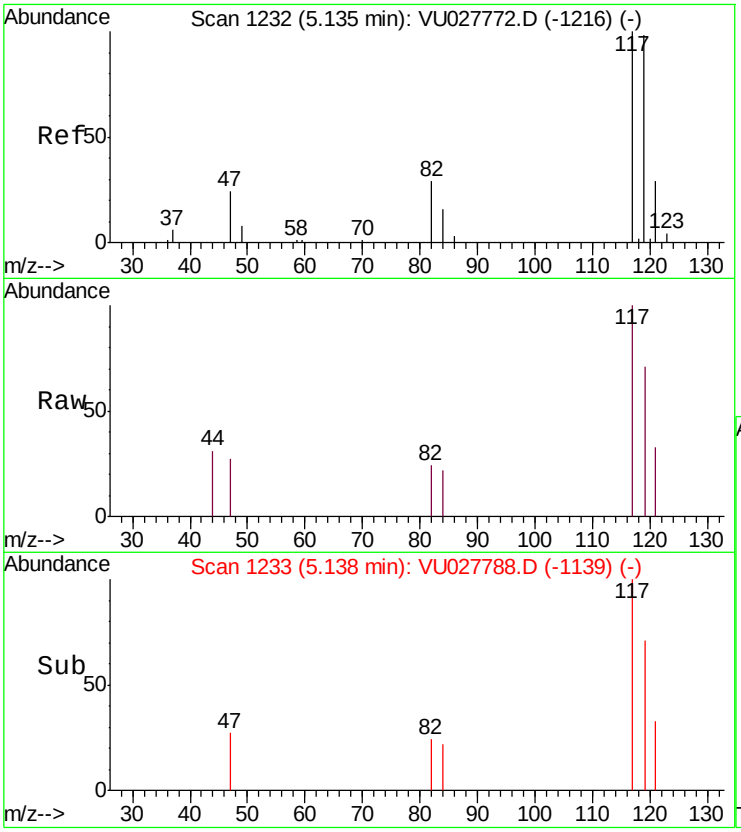


#30
Cyclohexane
Concen: 0.380 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 56 Resp: 2283

Ion	Ratio	Lower	Upper
56	100		
69	24.1	22.2	33.4
84	71.1	58.6	88.0



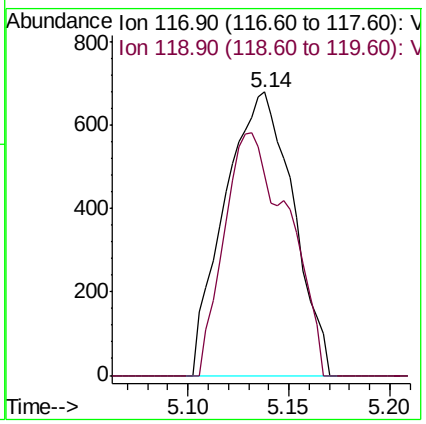


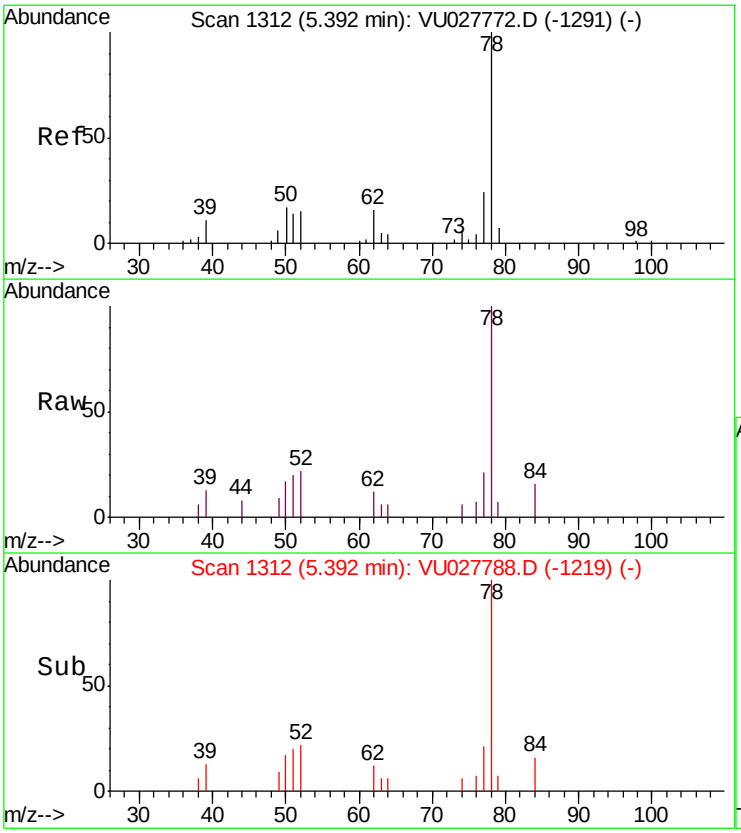
#31
Carbon tetrachloride
Concen: 0.347 ug/L
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:117 Resp: 1596

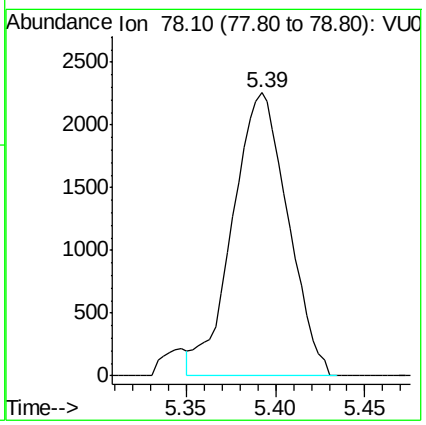
Ion	Ratio	Lower	Upper
117	100		
119	80.8	77.0	115.6

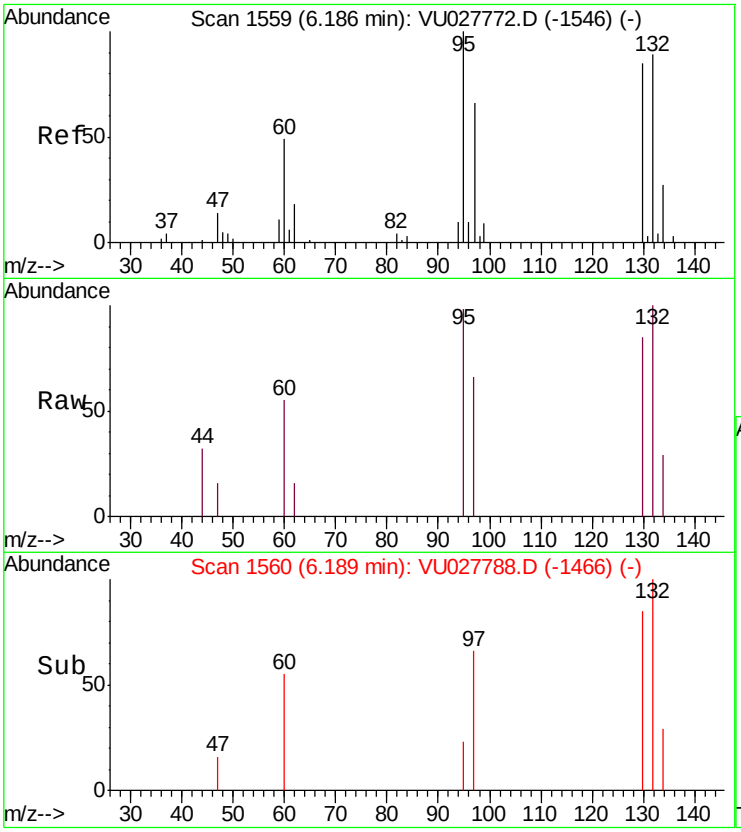




#33
Benzene
Concen: 0.395 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 78 Resp: 4890



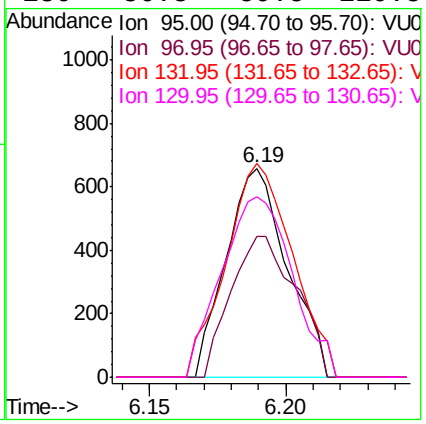


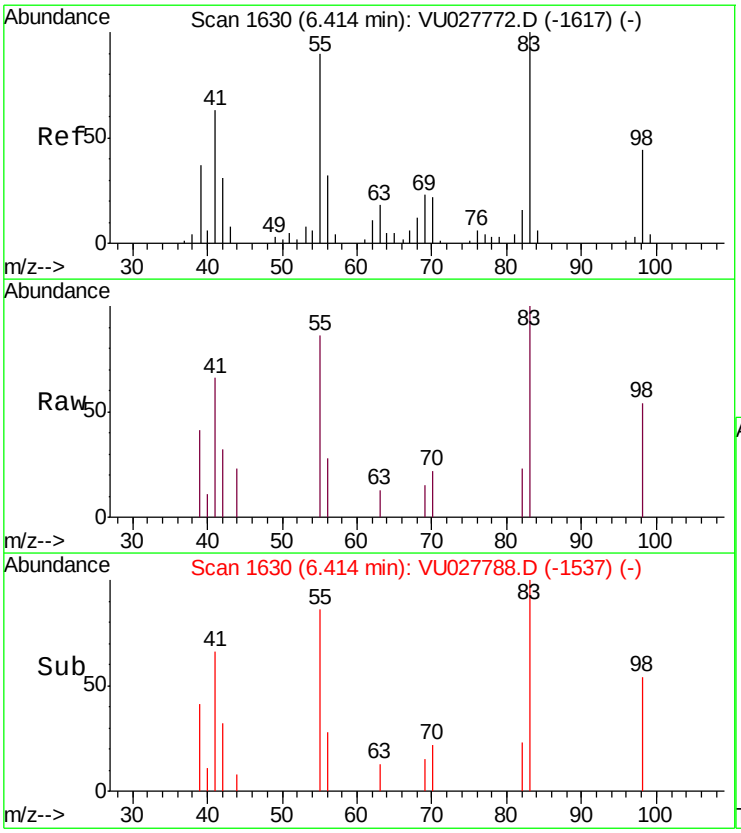
#34
Trichloroethene
Concen: 0.320 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 95 Resp: 1027

Ion	Ratio	Lower	Upper
95	100		
97	67.2	46.4	86.2
132	102.1	62.0	115.2
130	86.3	59.5	110.5

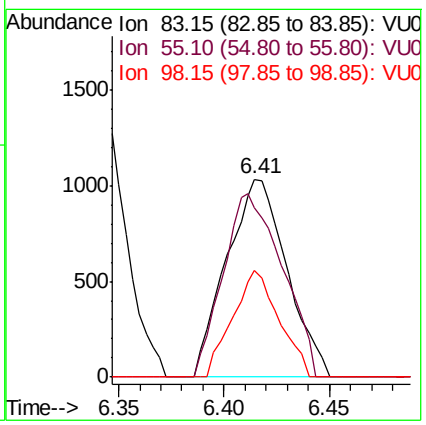


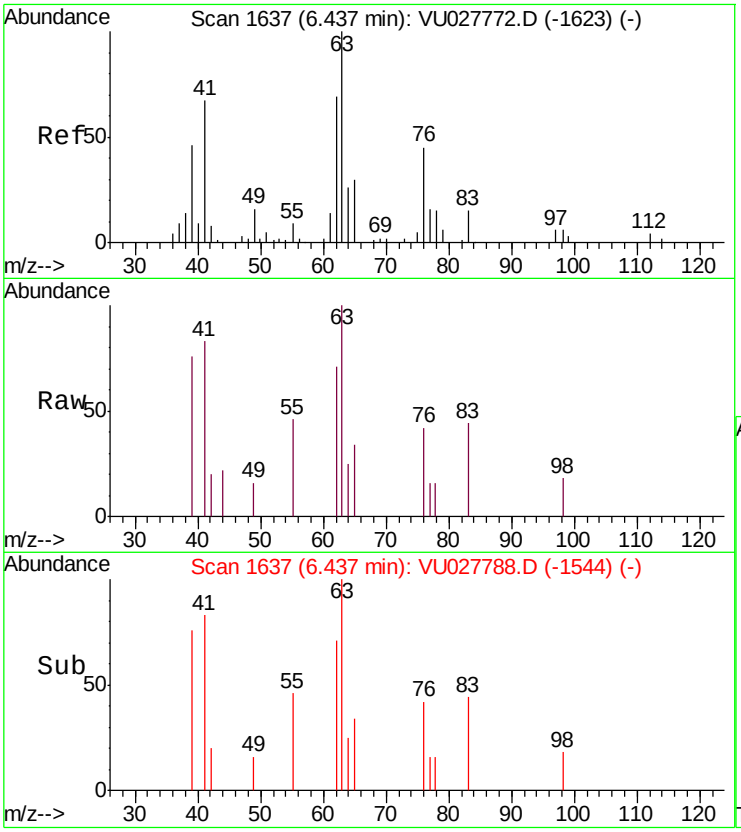


#35
Methylcyclohexane
Concen: 0.381 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 83 Resp: 2044

Ion	Ratio	Lower	Upper
83	100		
55	91.5	71.5	107.3
98	41.6	35.4	53.0



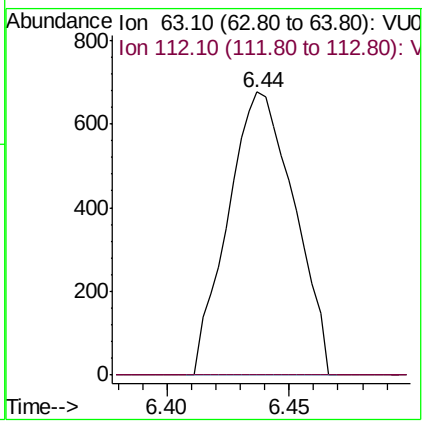


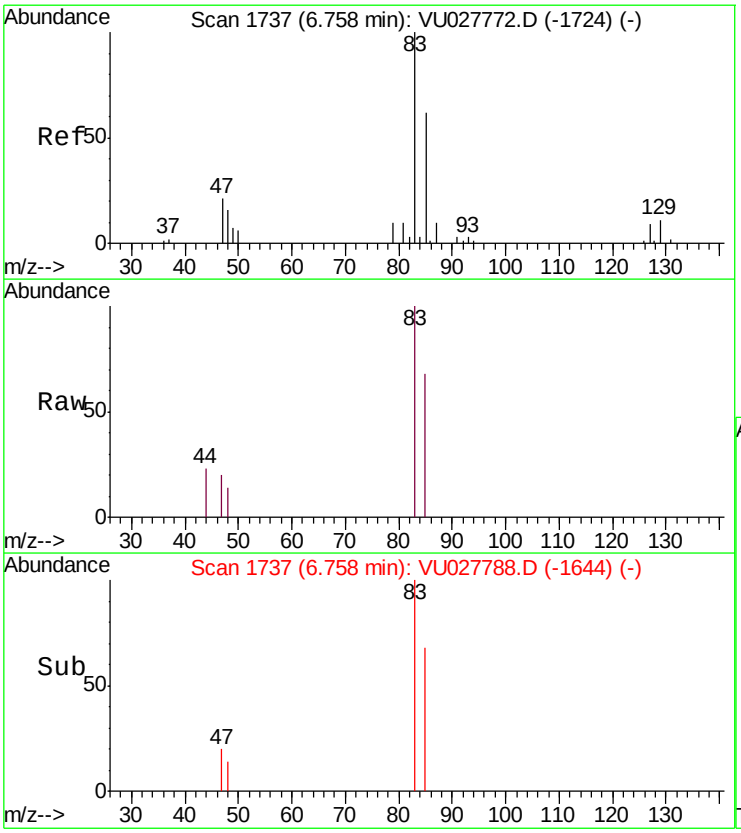
#37
1,2-Dichloropropane
Concen: 0.350 ug/L
RT: 6.44 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 1271

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

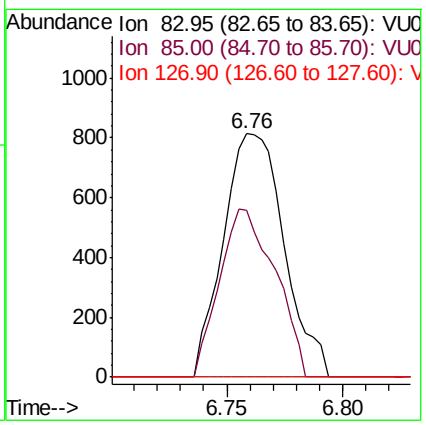


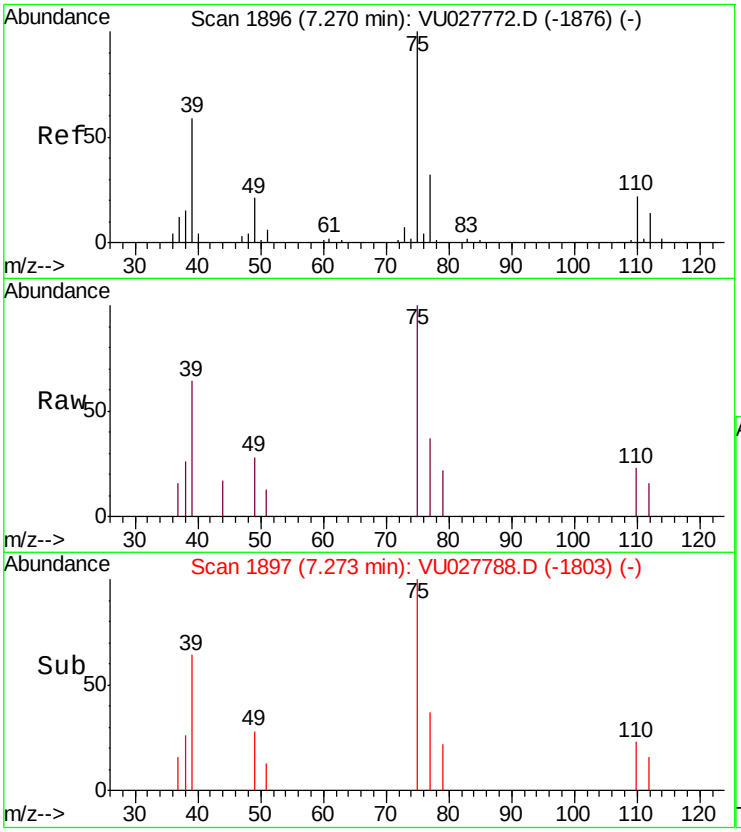


#38
Bromodichloromethane
Concen: 0.342 ug/L
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 83 Resp: 1486

Ion	Ratio	Lower	Upper
83	100		
85	68.3	43.3	80.5
127	0.0	7.2	10.8#



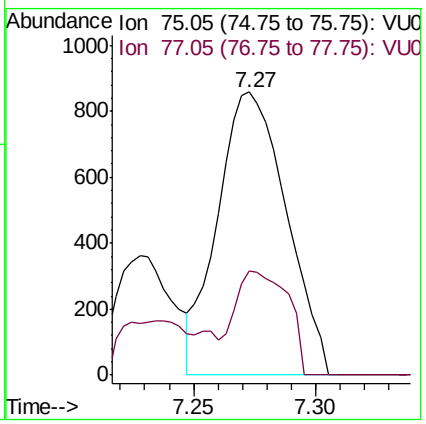


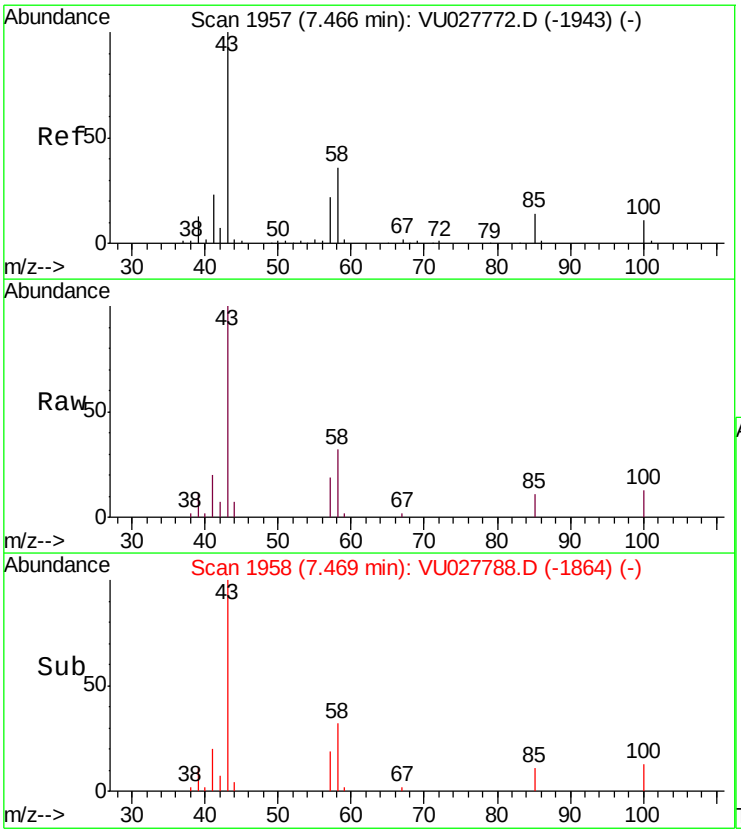
#39
cis-1,3-Dichloropropene
Concen: 0.323 ug/L
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 1680

Ion	Ratio	Lower	Upper
75	100		
77	36.9	22.5	41.7

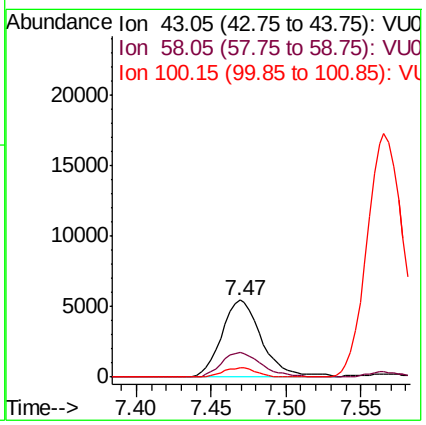


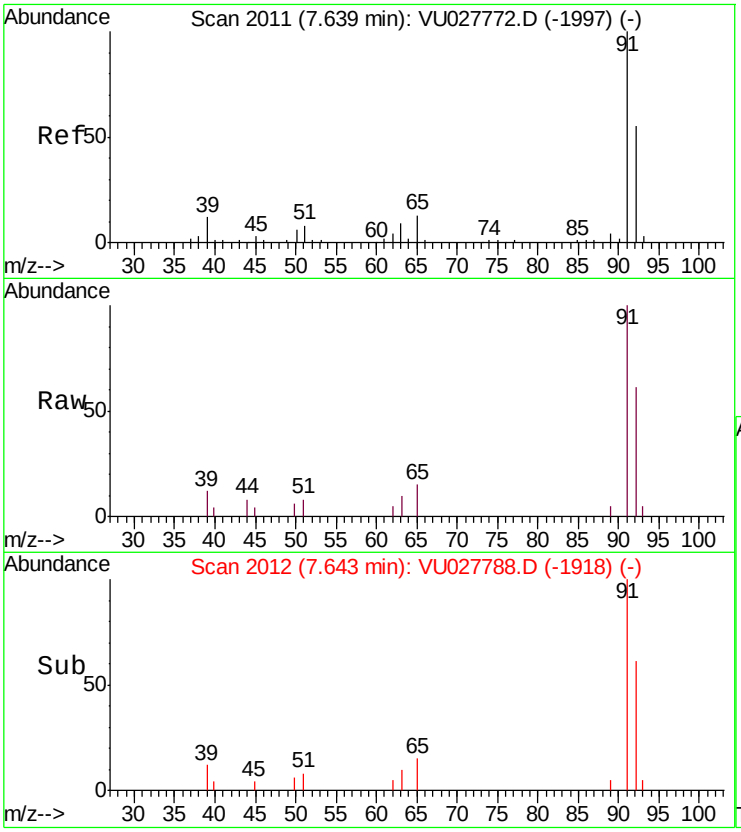


#40
4-Methyl-2-pentanone
Concen: 3.750 ug/L
RT: 7.47 min Scan# 1958
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 43 Resp: 10191

Ion	Ratio	Lower	Upper
43	100		
58	32.1	28.1	42.1
100	10.0	8.7	13.1



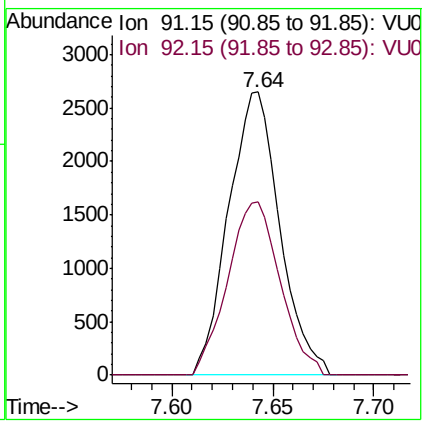


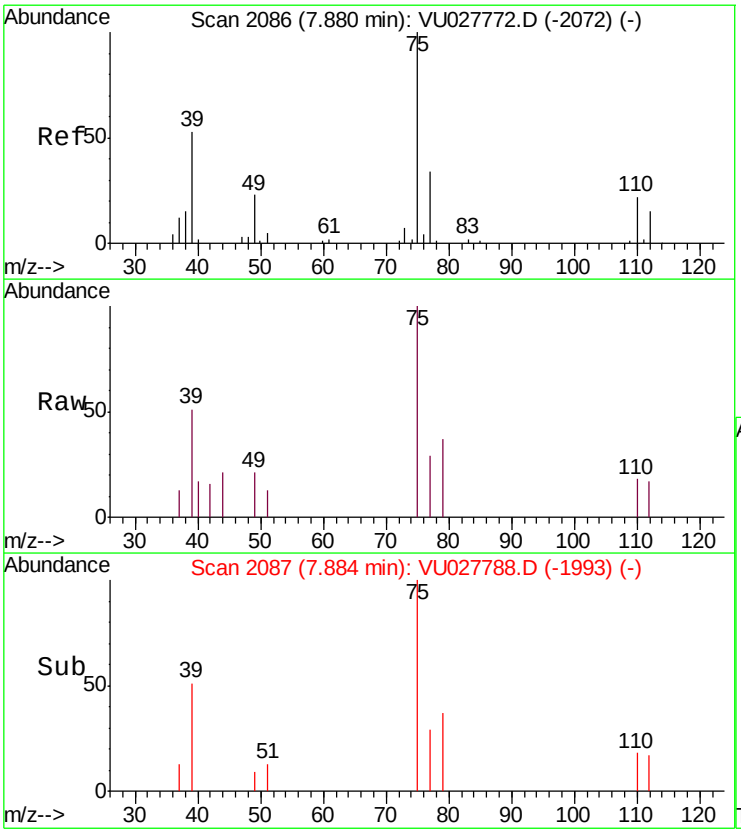
#42
Toluene
Concen: 0.353 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 4701

Ion	Ratio	Lower	Upper
91	100		
92	61.1	38.6	71.8

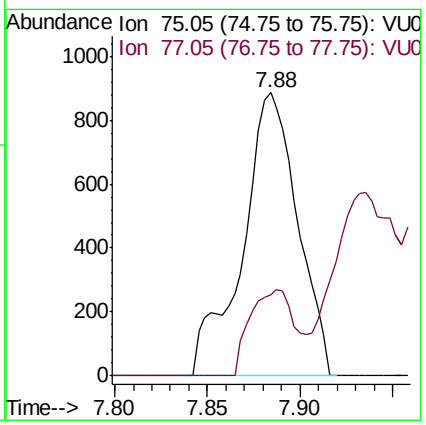


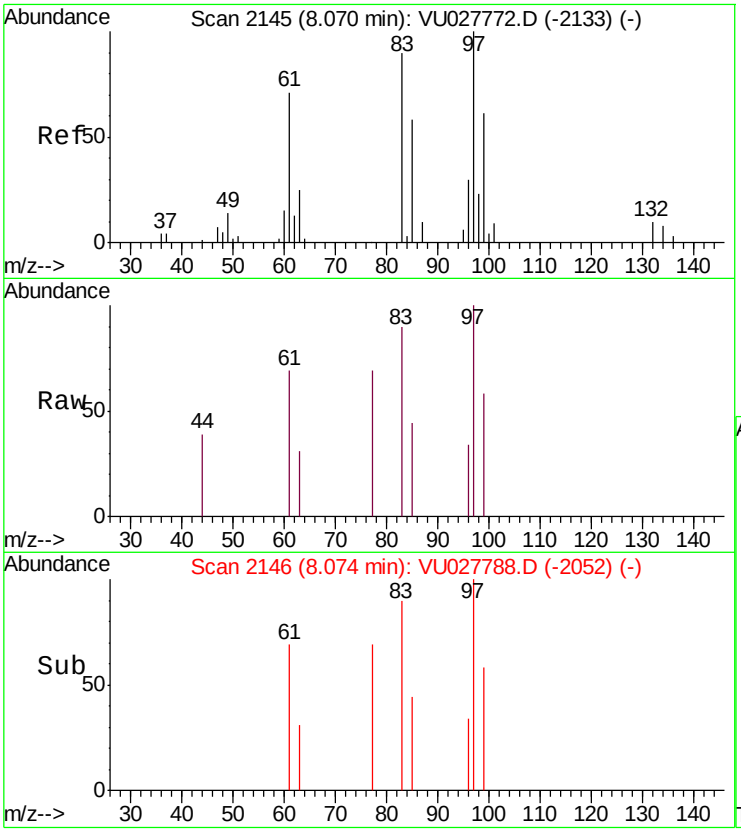


#44
trans-1,3-Dichloropropene
Concen: 0.418 ug/L
RT: 7.88 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 75 Resp: 1834

Ion	Ratio	Lower	Upper
75	100		
77	28.8	23.5	43.7



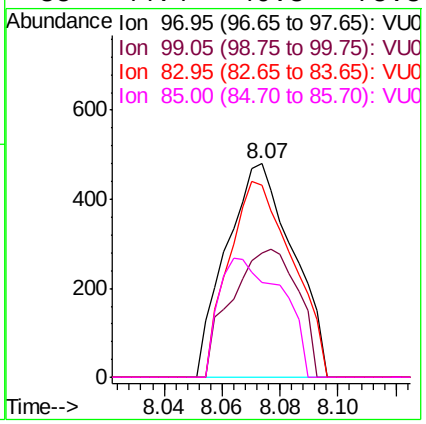


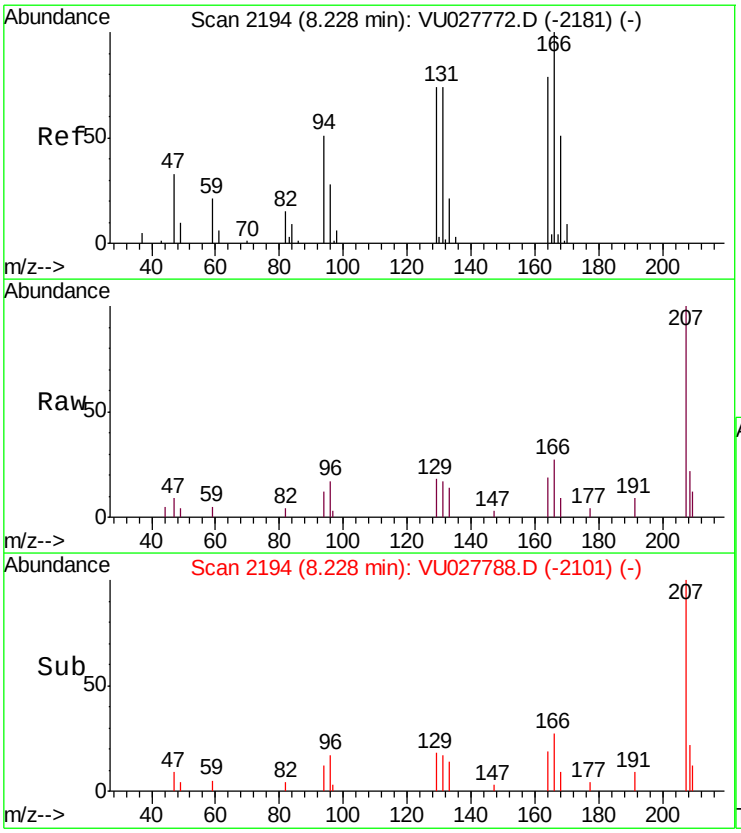
#45
1,1,2-Trichloroethane
Concen: 0.349 ug/L
RT: 8.07 min Scan# 2146
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 97 Resp: 766

Ion	Ratio	Lower	Upper
97	100		
99	58.1	42.8	79.6
83	89.8	62.9	116.9
85	44.4	40.8	75.8

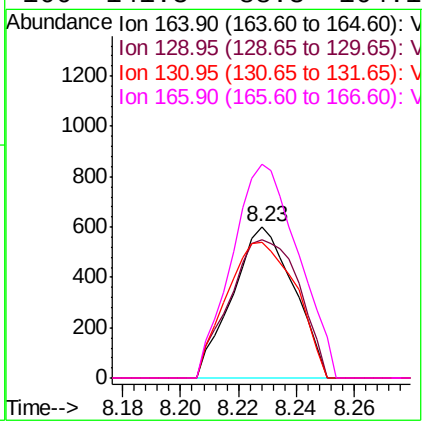


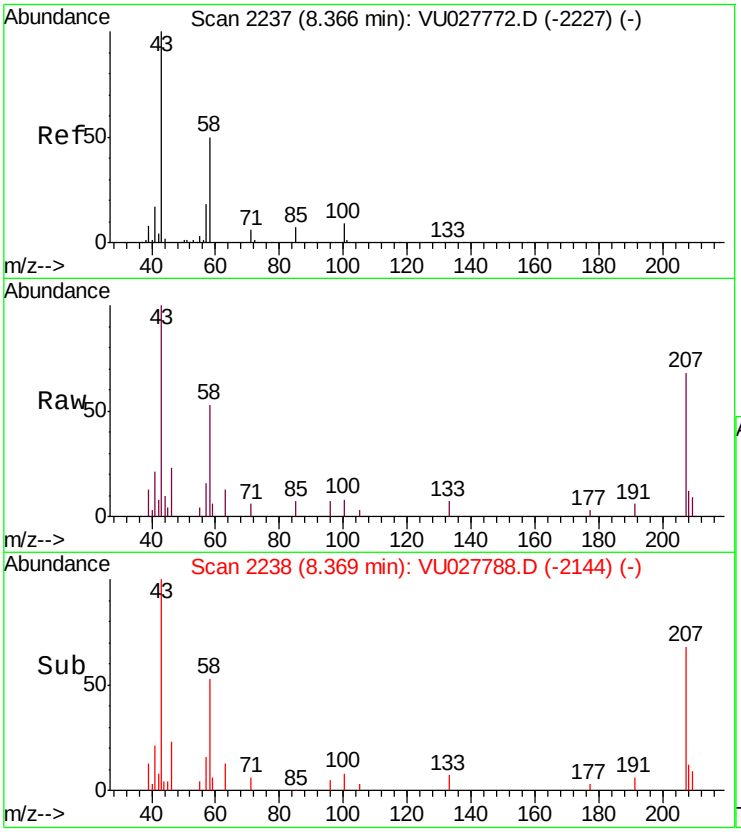


#47
Tetrachloroethene
Concen: 0.339 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:164 Resp: 882

Ion	Ratio	Lower	Upper
164	100		
129	91.7	65.6	121.8
131	90.0	65.0	120.8
166	141.3	88.3	164.1



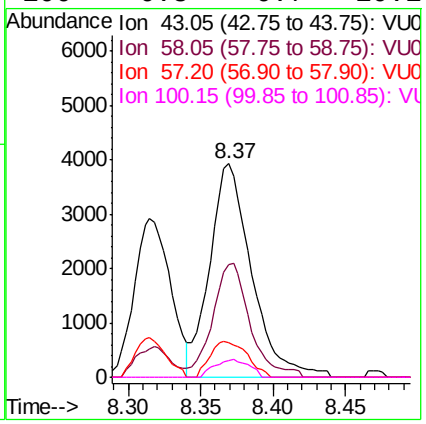


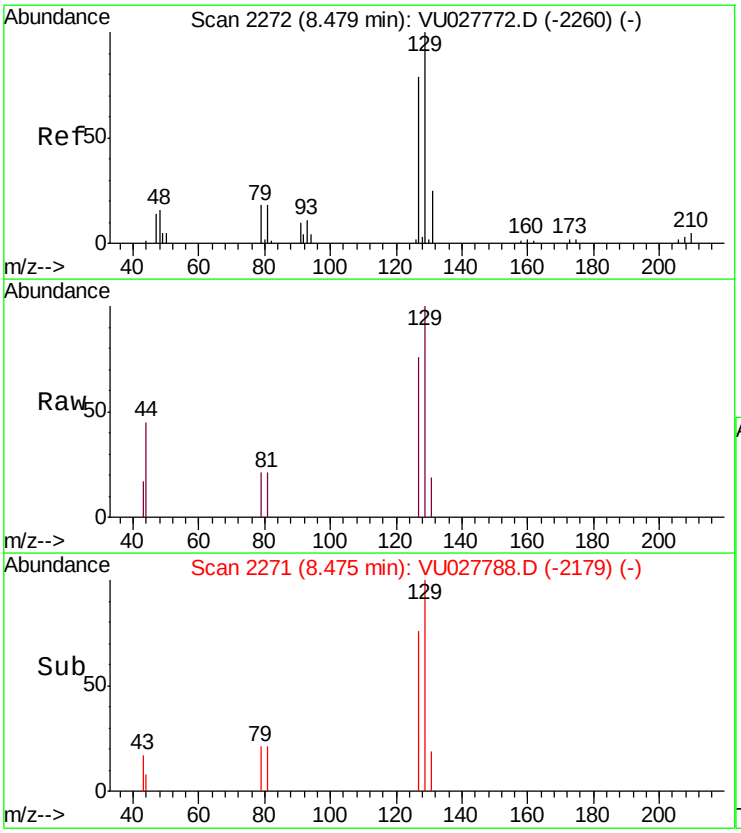
#48
2-Hexanone
Concen: 4.092 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 43 Resp: 7900

Ion	Ratio	Lower	Upper
43	100		
58	47.5	39.4	59.0
57	14.8	13.8	20.8
100	6.8	6.7	10.1

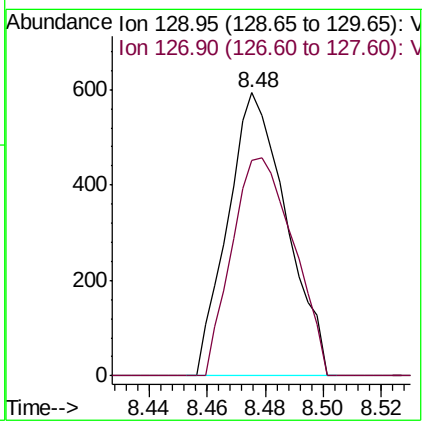


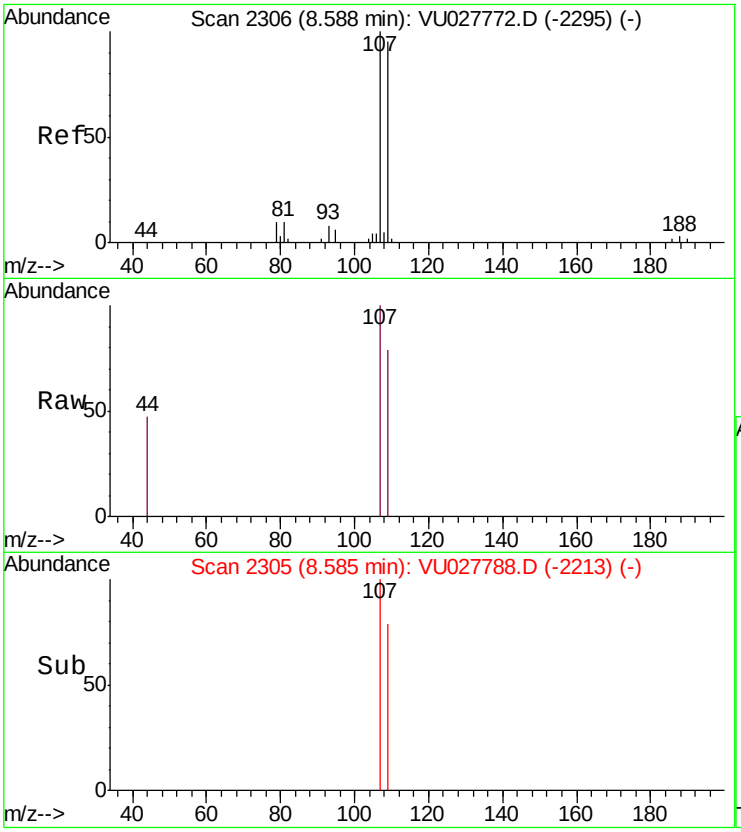


#49
Dibromochloromethane
Concen: 0.298 ug/L
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:129 Resp: 833

Ion	Ratio	Lower	Upper
129	100		
127	76.2	55.2	102.4



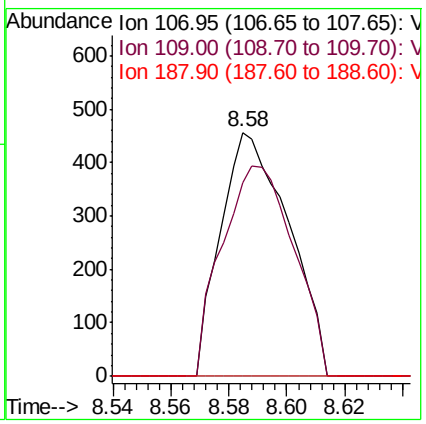


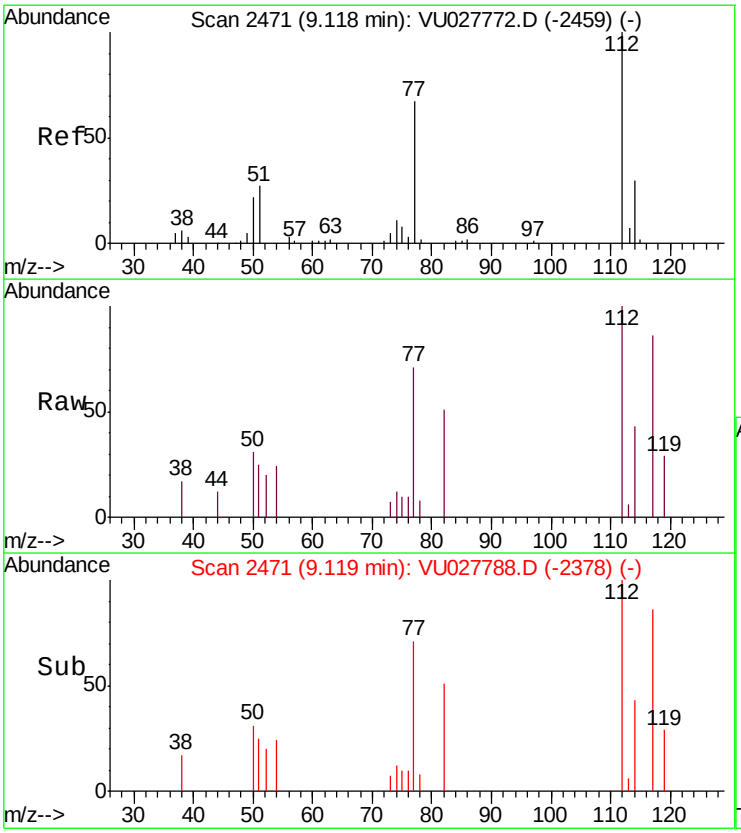
#50
1,2-Dibromoethane
Concen: 0.348 ug/L
RT: 8.58 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion:107 Resp: 743

Ion	Ratio	Lower	Upper
107	100		
109	79.4	66.3	123.1
188	0.0	2.6	3.8#

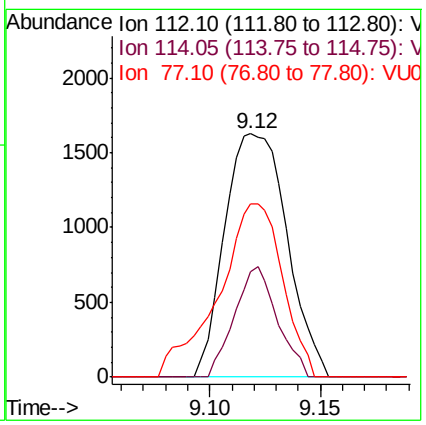


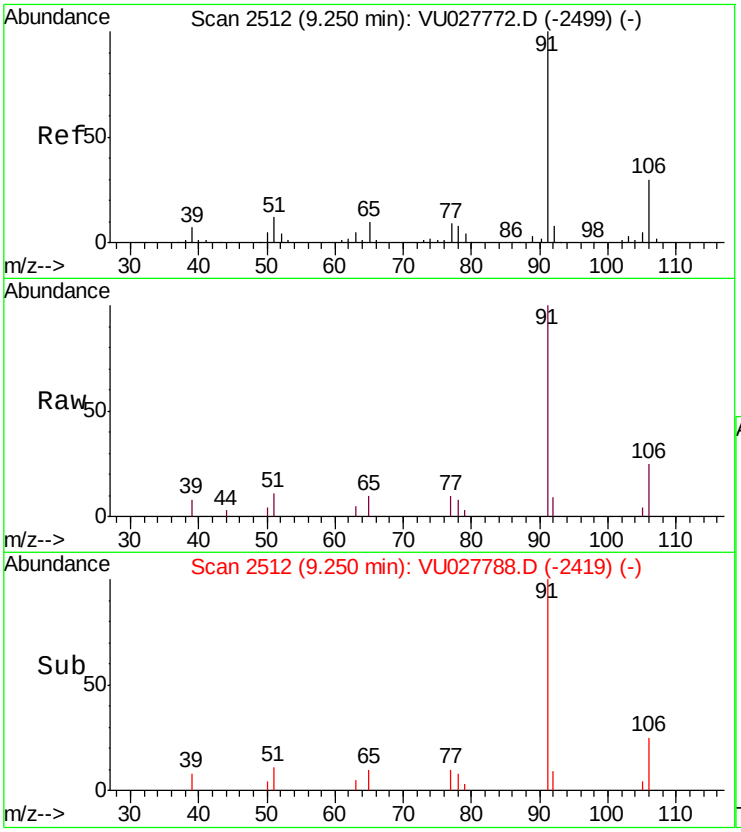


#51
Chlorobenzene
Concen: 0.389 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:112 Resp: 3193

Ion	Ratio	Lower	Upper
112	100		
114	43.1	21.2	39.4#
77	70.9	54.2	81.4



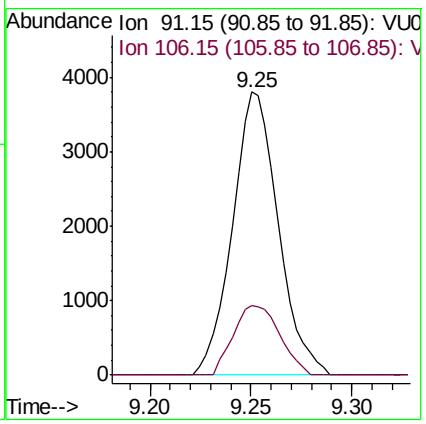


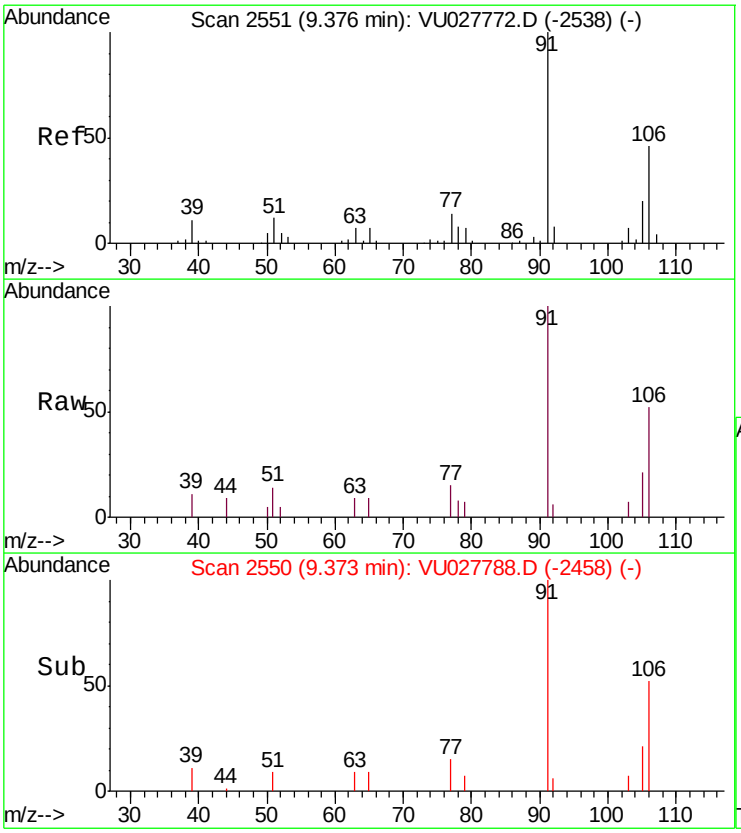
#52
Ethylbenzene
Concen: 0.390 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 6029

Ion	Ratio	Lower	Upper
91	100		
106	24.6	20.6	38.4

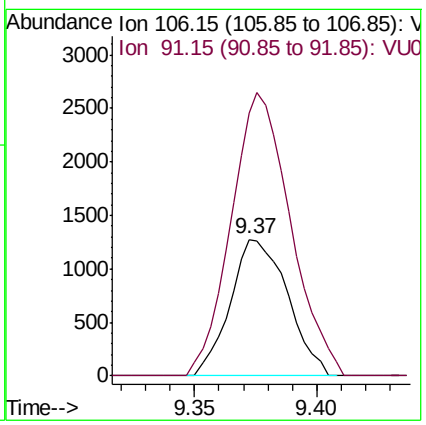


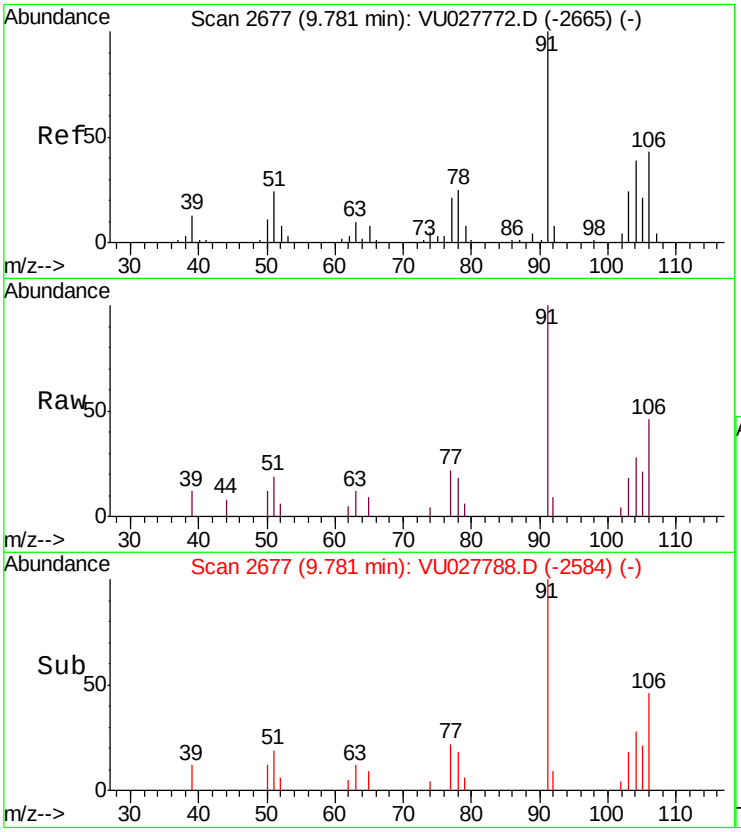


#53
m,p-xylene
Concen: 0.380 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:106 Resp: 2079

Ion	Ratio	Lower	Upper
106	100		
91	192.5	154.1	286.3



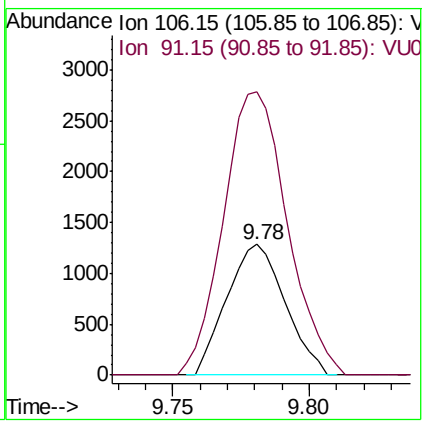


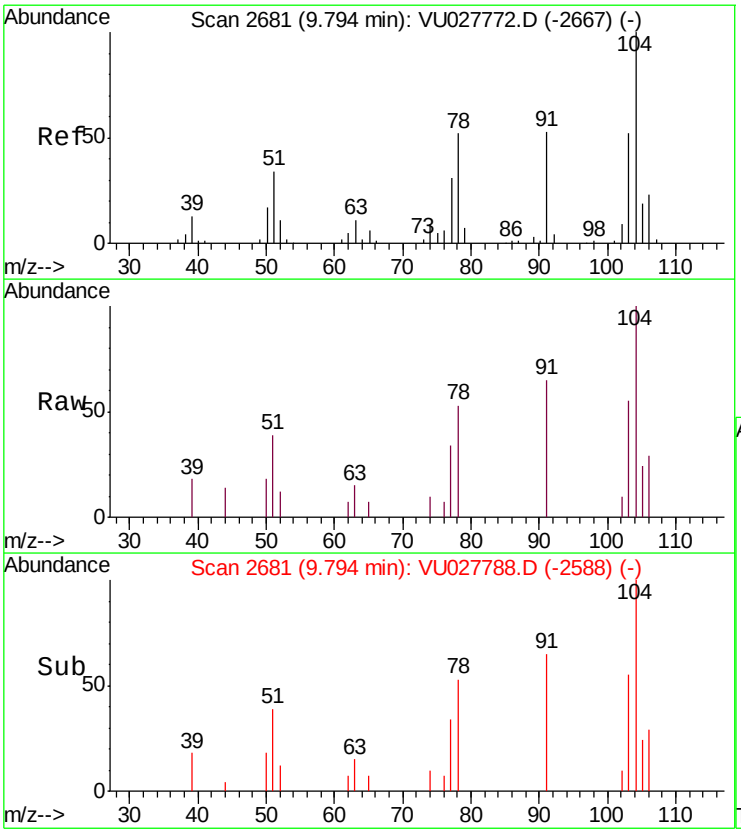
#54
o-xylene
Concen: 0.356 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 1907

Ion	Ratio	Lower	Upper
106	100		
91	216.7	161.3	299.7

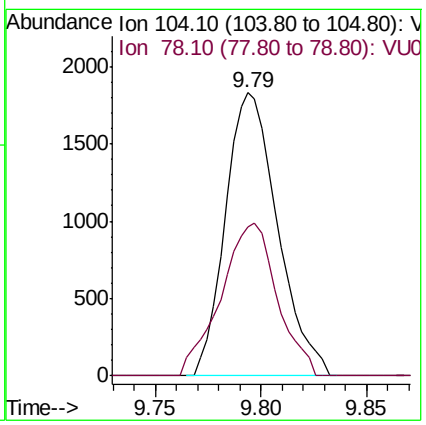


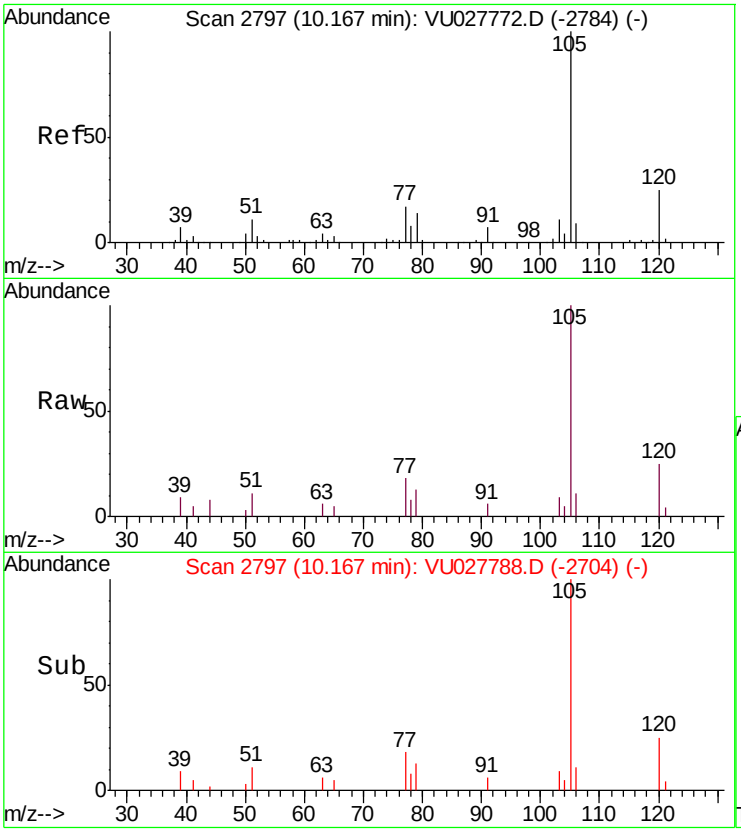


#55
Styrene
Concen: 0.346 ug/L
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:104 Resp: 3138

Ion	Ratio	Lower	Upper
104	100		
78	52.5	36.3	67.3



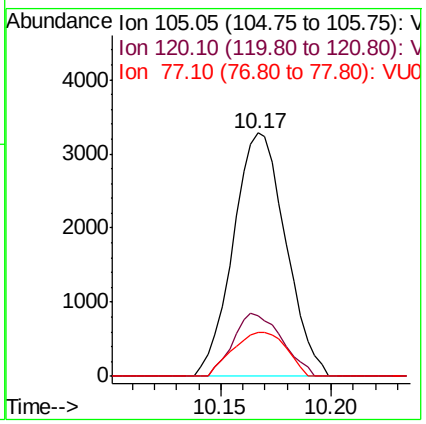


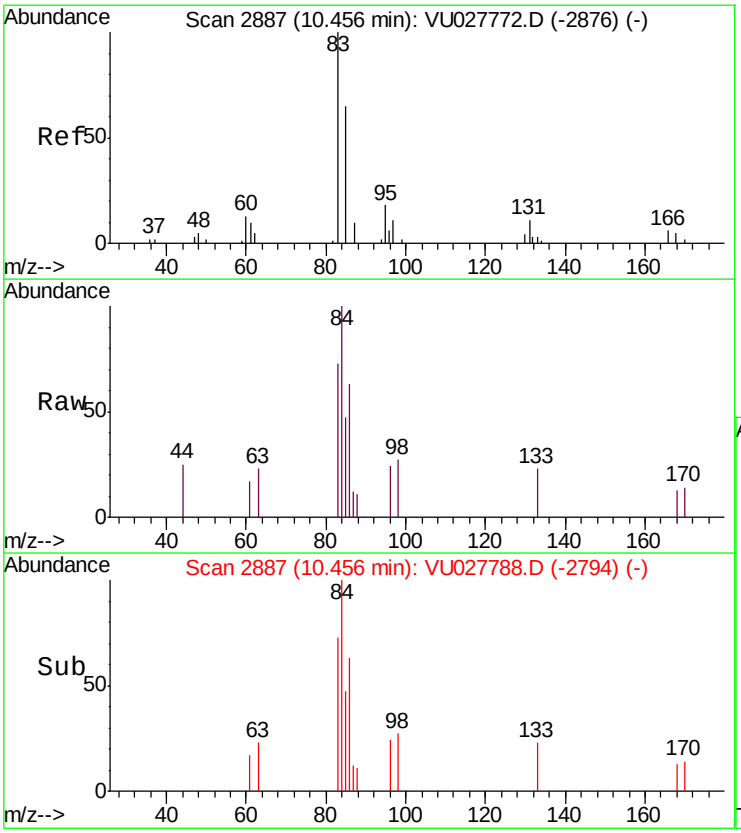
#56
Isopropylbenzene
Concen: 0.365 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:105 Resp: 5400

Ion	Ratio	Lower	Upper
105	100		
120	24.1	19.9	29.9
77	18.4	13.7	20.5

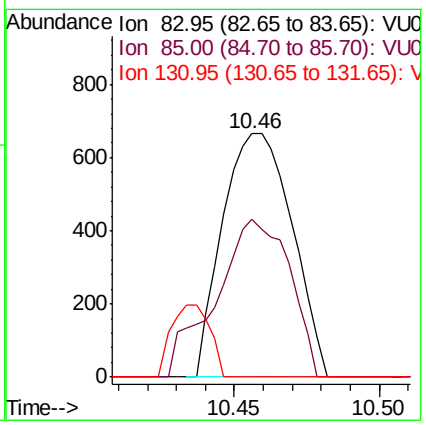


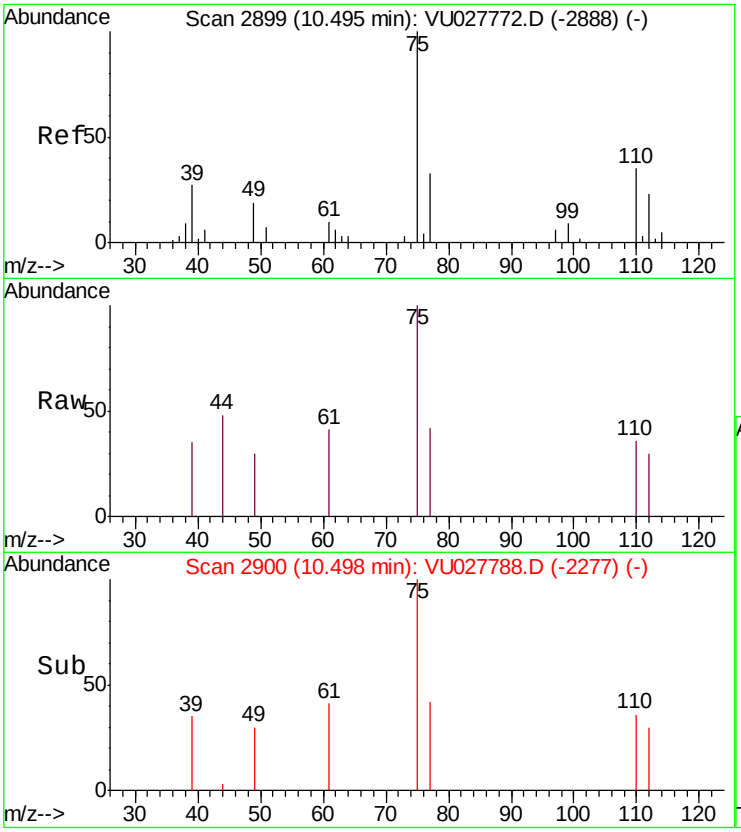


#58
1,1,2,2-Tetrachloroethane
Concen: 0.384 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion: 83 Resp: 1108

Ion	Ratio	Lower	Upper
83	100		
85	65.0	45.5	84.5
131	0.0	8.8	13.2#



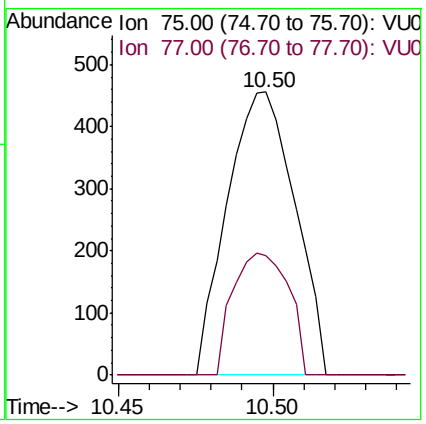


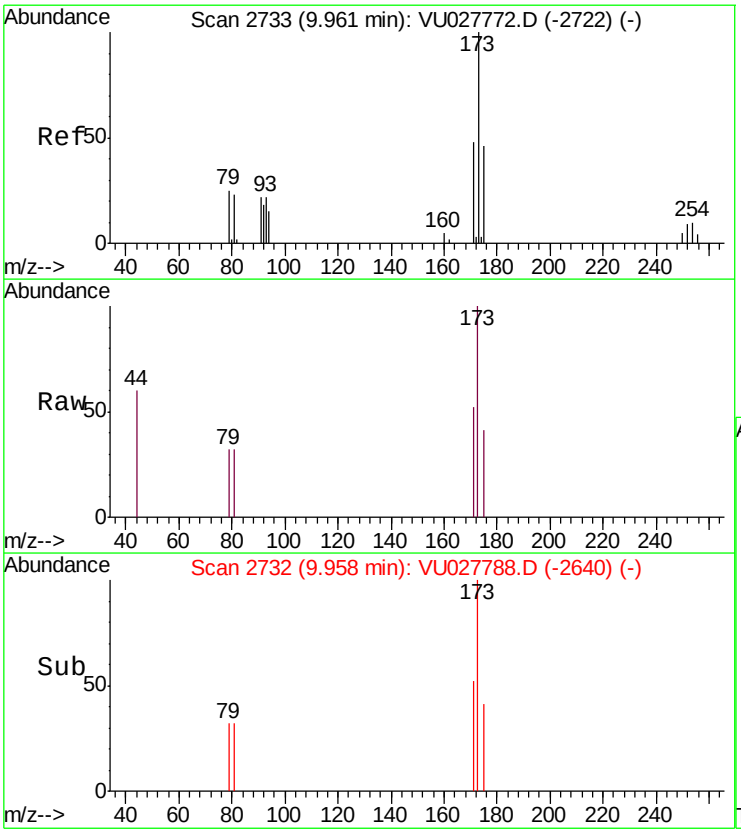
#59
1,2,3-Trichloropropane
Concen: 0.303 ug/L
RT: 10.50 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 693

Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.4	39.6

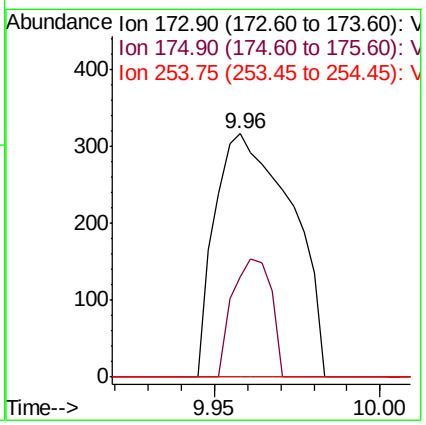


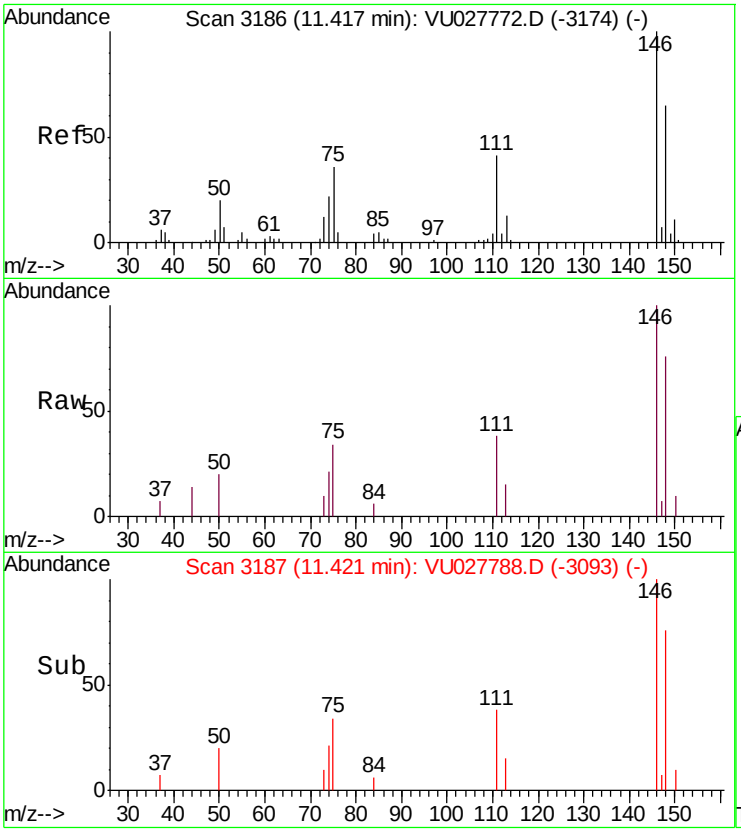


#61
Bromoform
Concen: 0.330 ug/L
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:173 Resp: 510

Ion	Ratio	Lower	Upper
173	100		
175	24.5	37.7	56.5#
254	0.0	7.2	10.8#



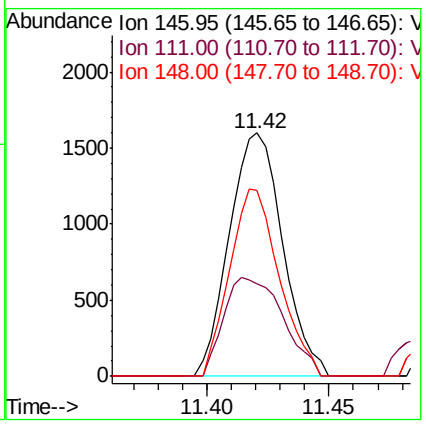


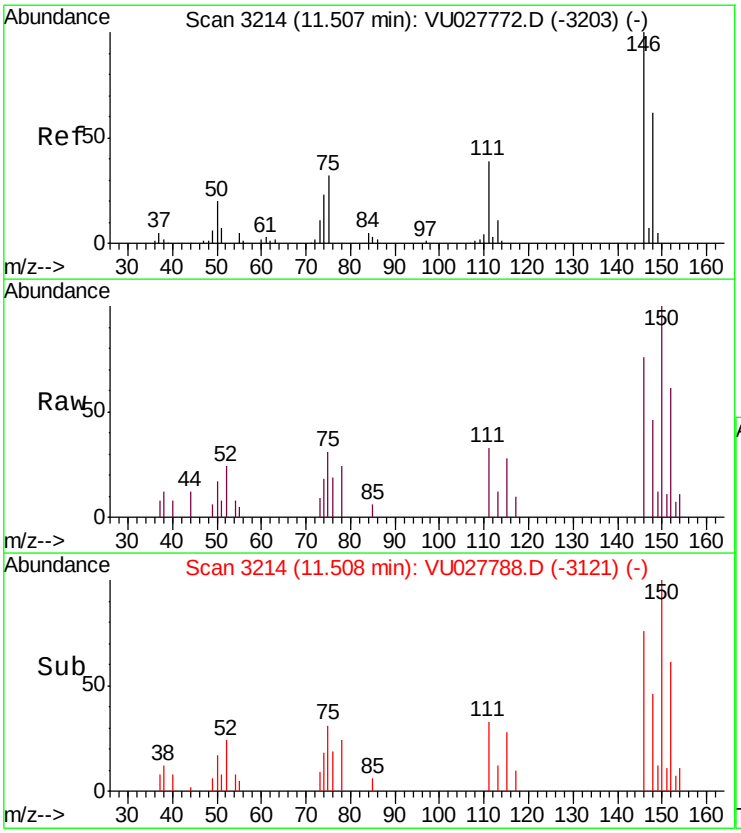
#62
1,3-Dichlorobenzene
Concen: 0.376 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 2433

Ion	Ratio	Lower	Upper
146	100		
111	38.2	28.6	53.0
148	76.4	45.1	83.9

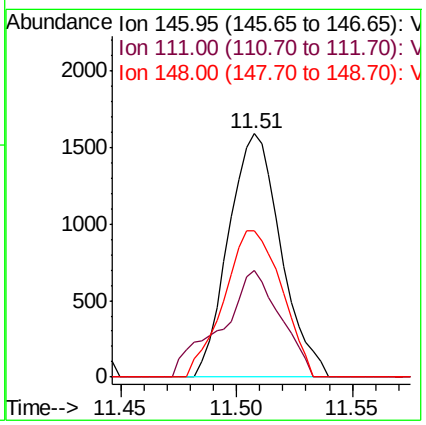


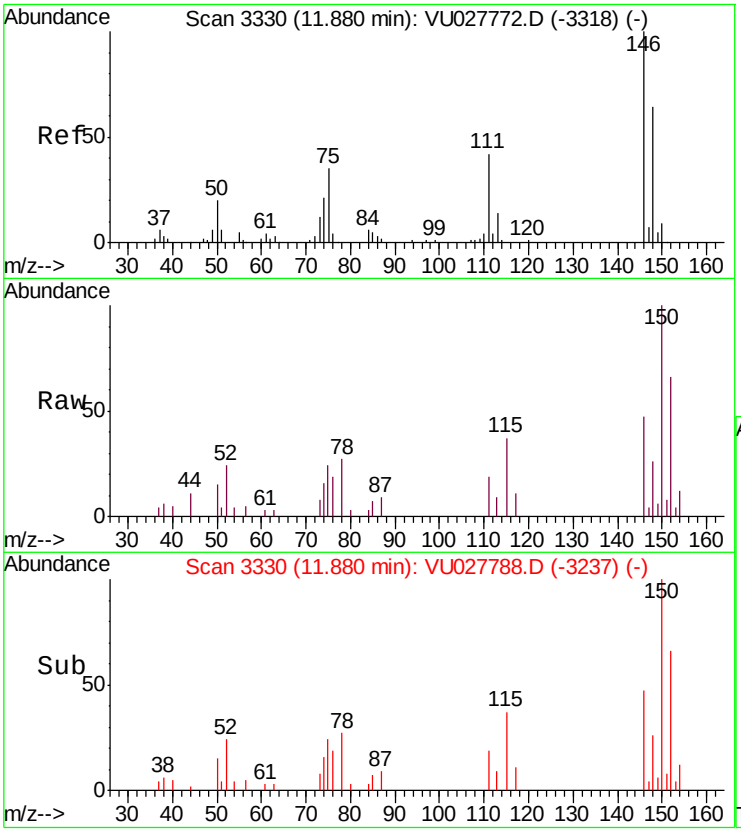


#63
1,4-Dichlorobenzene
Concen: 0.381 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:146 Resp: 2491

Ion	Ratio	Lower	Upper
146	100		
111	43.7	27.6	51.4
148	60.3	43.3	80.3



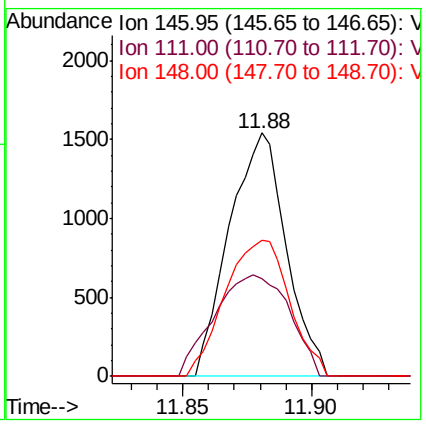


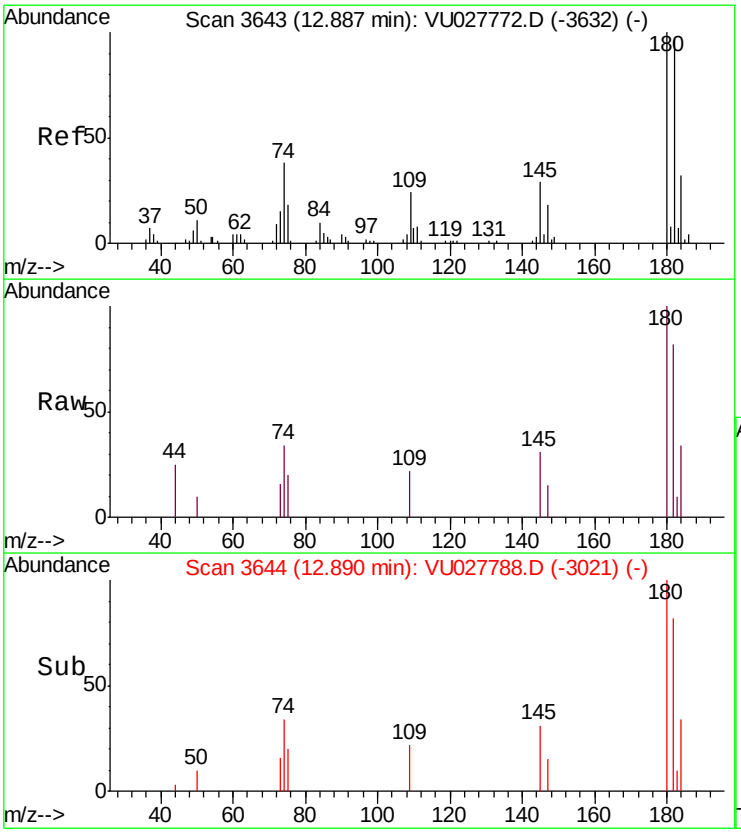
#65
1,2-Dichlorobenzene
Concen: 0.390 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 2369

Ion	Ratio	Lower	Upper
146	100		
111	39.9	33.7	50.5
148	55.8	50.8	76.2

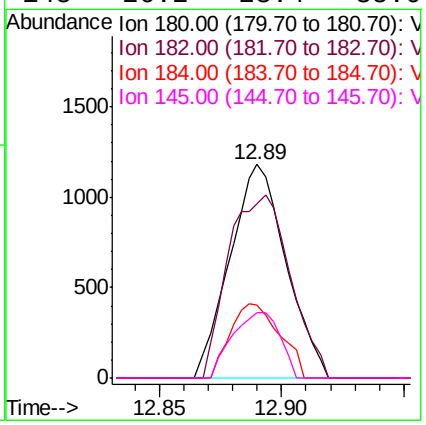


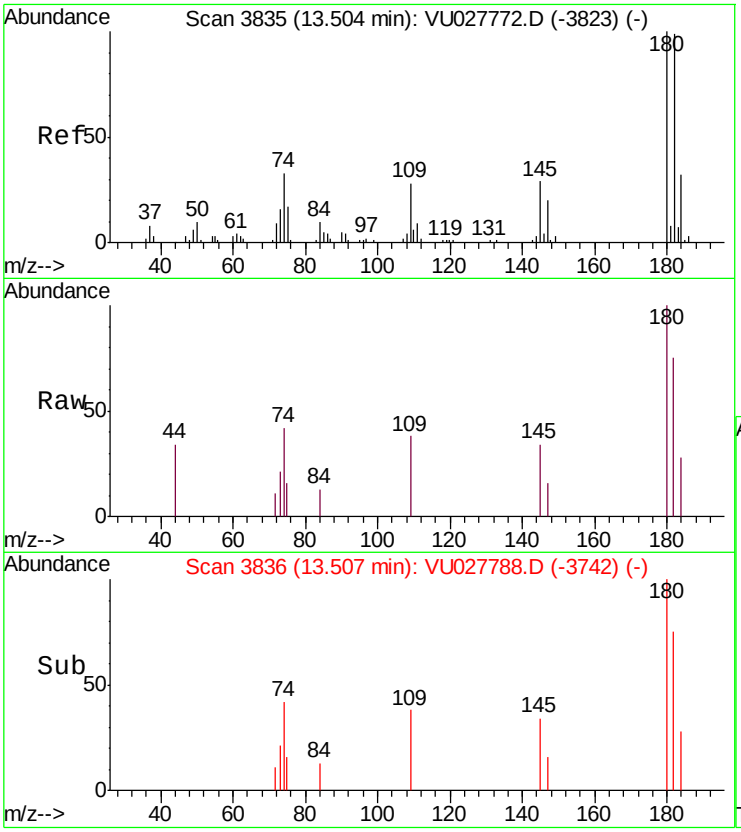


#67
1,3,5-Trichlorobenzene
Concen: 0.363 ug/L
RT: 12.89 min Scan# 3644
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:180 Resp: 1885

Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.9	118.3
184	30.7	24.6	37.0
145	26.2	23.4	35.0



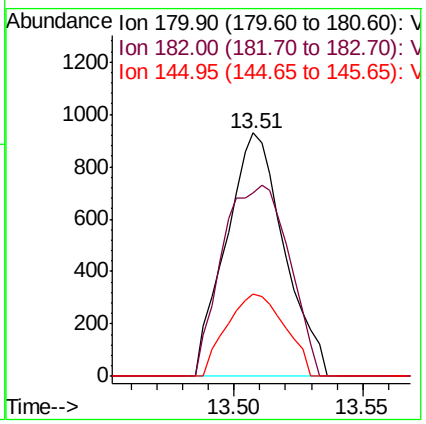


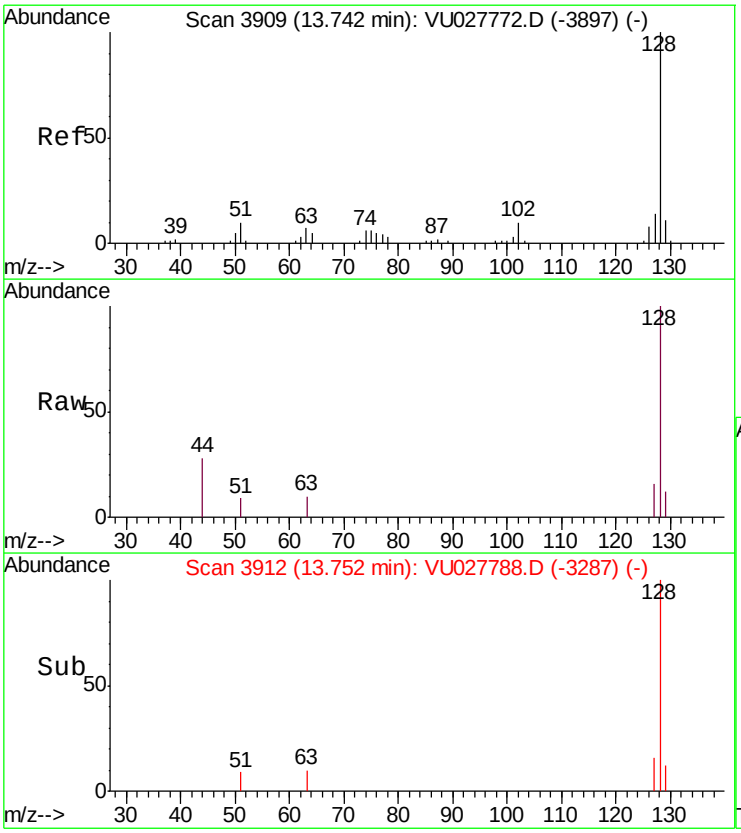
#68
1,2,4-trichlorobenzene
Concen: 0.323 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:180 Resp: 1455

Ion	Ratio	Lower	Upper
180	100		
182	90.7	77.6	116.4
145	33.9	23.7	35.5

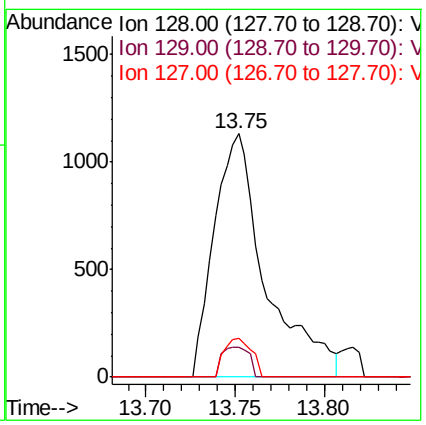


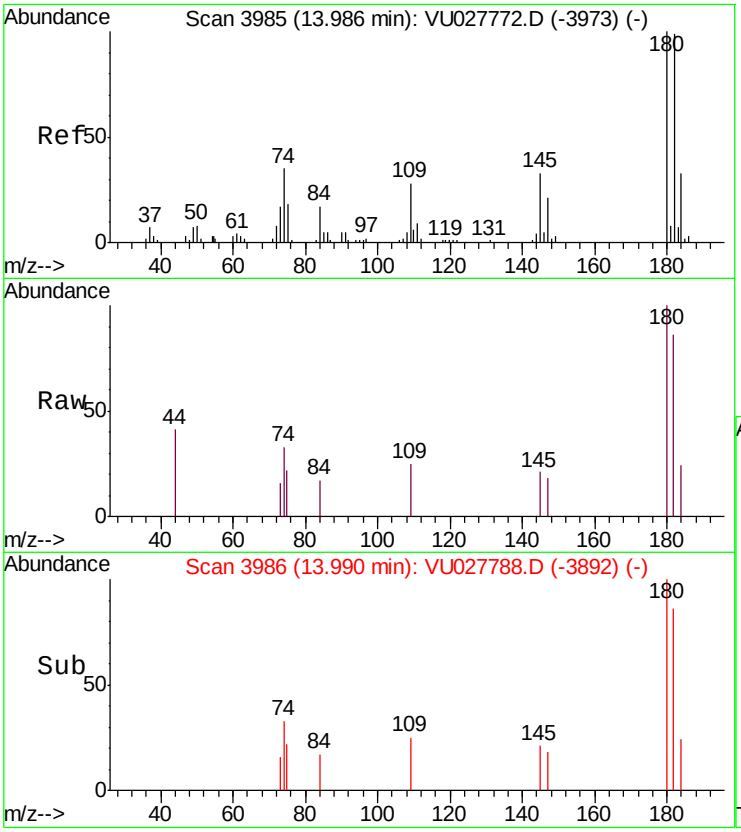


#69
Naphthalene
Concen: 0.310 ug/L
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Tgt Ion:128 Resp: 2268

Ion	Ratio	Lower	Upper
128	100		
129	6.4	8.8	13.2#
127	8.4	10.7	16.1#





#70
1,2,3-Trichlorobenzene
Concen: 0.364 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027788.D
Acq: 24 Oct 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:180 Resp: 1510

Ion	Ratio	Lower	Upper
180	100		
182	87.6	76.9	115.3
145	14.6	24.6	37.0#