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

Quantitation Report (Not Reviewed)

Data File : VU027782.D
Acq On : 24 Oct 2018 13:47
Operator : MD/SY
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL06

Quant Time: Oct 25 04:39:41 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	40434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	37884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19279	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	15949	4.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.80%			
7) Chloroethane-d5	1.68	69	12433	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.60%			
11) 1,1-Dichloroethene-d2	2.28	63	23612	3.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.80%			
20) 2-Butanone-d5	4.21	46	51939	51.83	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.66%			
24) Chloroform-d	4.65	84	28495	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.31	65	17646	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.34	84	53659	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
36) 1,2-Dichloropropane-d6	6.33	67	19566	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%			
41) Toluene-d8	7.57	98	50126	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
43) trans-1,3-Dichloropropene-	7.85	79	7603	5.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.40%			
46) 2-Hexanone-d5	8.32	63	43521	54.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14007	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	18583	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	1161	0.296	ug/L #	85
3) Chloromethane	1.33	50	1235	0.280	ug/L	91
5) Vinyl chloride	1.40	62	1278	0.302	ug/L #	58
6) Bromomethane	1.63	94	548	0.252	ug/L	93
8) Chloroethane	1.71	64	639	0.279	ug/L	91
9) Trichlorofluoromethane	1.89	101	1613	0.288	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	908	0.321	ug/L #	87
12) 1,1-Dichloroethene	2.29	96	857	0.325	ug/L #	1
13) Acetone	2.35	43	2890	4.000	ug/L	82
14) Carbon disulfide	2.48	76	2512	0.278	ug/L	95
15) Methyl Acetate	2.63	43	711	0.352	ug/L #	57
16) Methylene chloride	2.71	84	1296	0.417	ug/L	94
17) Methyl tert-butyl Ether	3.01	73	2459	0.291	ug/L #	85
18) trans-1,2-Dichloroethene	2.99	96	714	0.253	ug/L	93
19) 1,1-Dichloroethane	3.45	63	1752	0.281	ug/L	88
21) 2-Butanone	4.30	43	3727	3.144	ug/L	81
22) cis-1,2-Dichloroethene	4.24	96	835	0.249	ug/L	81

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

Quantitation Report (Not Reviewed)

Data File : VU027782.D
Acq On : 24 Oct 2018 13:47
Operator : MD/SY
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL06

Quant Time: Oct 25 04:39:41 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	4.56	128	297	0.218 ug/L		93
25) Chloroform	4.68	83	1769	0.281 ug/L		89
27) 1,2-Dichloroethane	5.41	62	1205	0.259 ug/L	#	79
29) 1,1,1-Trichloroethane	4.92	97	1533	0.281 ug/L		95
30) Cyclohexane	4.99	56	1789	0.293 ug/L		91
31) Carbon tetrachloride	5.13	117	1298	0.278 ug/L		93
33) Benzene	5.39	78	3870	0.307 ug/L		100
34) Trichloroethene	6.19	95	980	0.300 ug/L		91
35) Methylcyclohexane	6.41	83	1735	0.318 ug/L		91
37) 1,2-Dichloropropane	6.44	63	991	0.268 ug/L	#	90
38) Bromodichloromethane	6.76	83	1300	0.295 ug/L	#	85
39) cis-1,3-Dichloropropene	7.28	75	1613	0.305 ug/L		98
40) 4-Methyl-2-pentanone	7.47	43	7957	2.879 ug/L	#	88
42) Toluene	7.64	91	3992	0.295 ug/L		100
44) trans-1,3-Dichloropropene	7.89	75	1303	0.292 ug/L		92
45) 1,1,2-Trichloroethane	8.07	97	603	0.270 ug/L		81
47) Tetrachloroethene	8.23	164	807	0.305 ug/L		76
48) 2-Hexanone	8.37	43	6374	3.246 ug/L		97
49) Dibromochloromethane	8.48	129	657	0.231 ug/L		86
50) 1,2-Dibromoethane	8.59	107	576	0.266 ug/L	#	83
51) Chlorobenzene	9.12	112	2447	0.293 ug/L		91
52) Ethylbenzene	9.25	91	4456	0.283 ug/L		94
53) m,p-xylene	9.38	106	1348	0.242 ug/L		88
54) o-xylene	9.79	106	1437	0.264 ug/L		94
55) Styrene	9.79	104	2543	0.276 ug/L		87
56) Isopropylbenzene	10.17	105	4313	0.286 ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.46	83	833	0.284 ug/L	#	82
59) 1,2,3-Trichloropropane	10.50	75	652	0.280 ug/L		93
61) Bromoform	9.96	173	310	0.191 ug/L	#	75
62) 1,3-Dichlorobenzene	11.42	146	1863	0.275 ug/L		90
63) 1,4-Dichlorobenzene	11.51	146	2214	0.323 ug/L		99
65) 1,2-Dichlorobenzene	11.88	146	1827	0.287 ug/L	#	90
67) 1,3,5-Trichlorobenzene	13.50	180	1182	0.217 ug/L		97
68) 1,2,4-trichlorobenzene	13.50	180	1182	0.250 ug/L		97
69) Naphthalene	13.75	128	1716	0.224 ug/L	#	79
70) 1,2,3-Trichlorobenzene	13.99	180	1126	0.259 ug/L	#	95

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

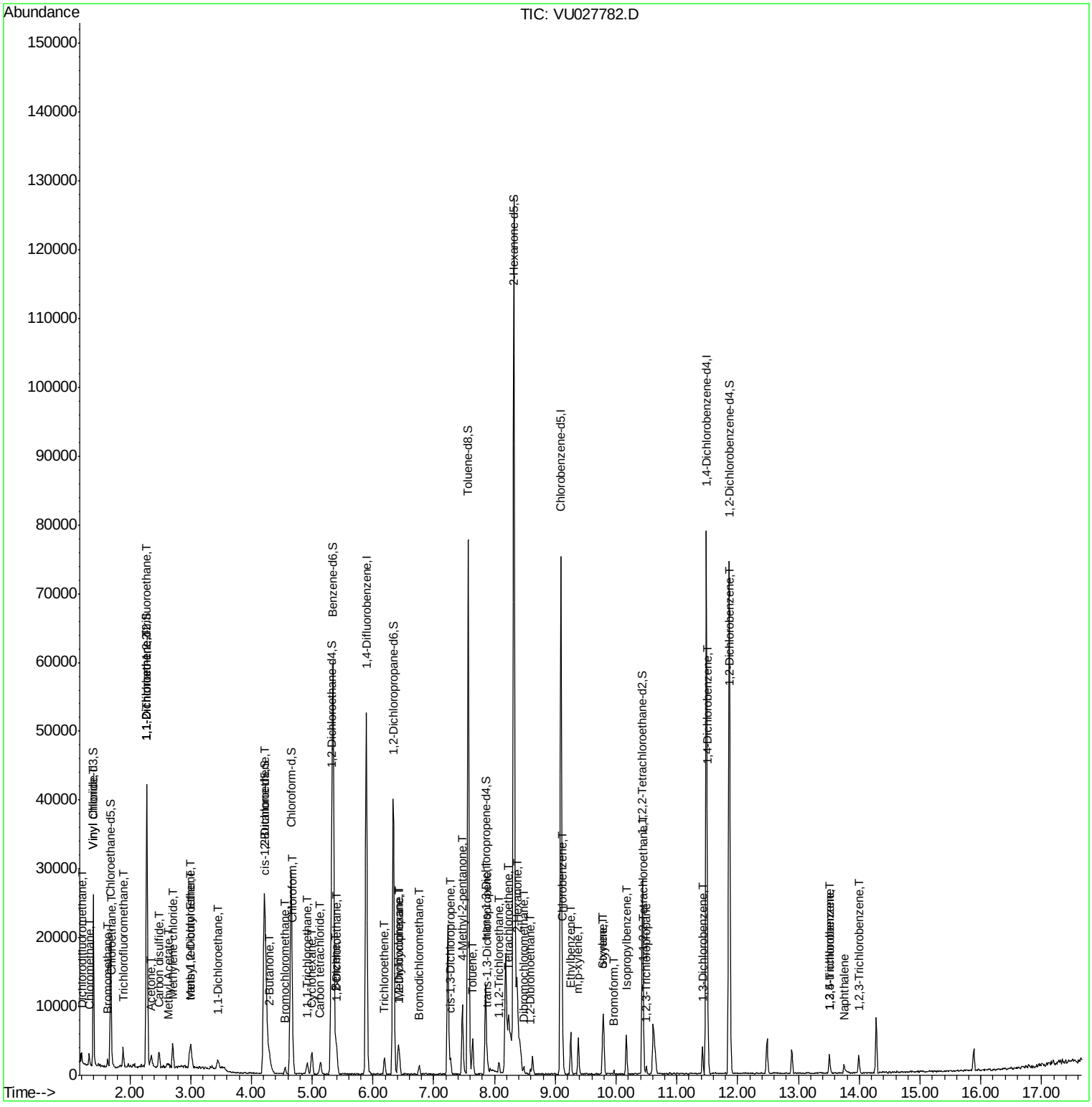
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

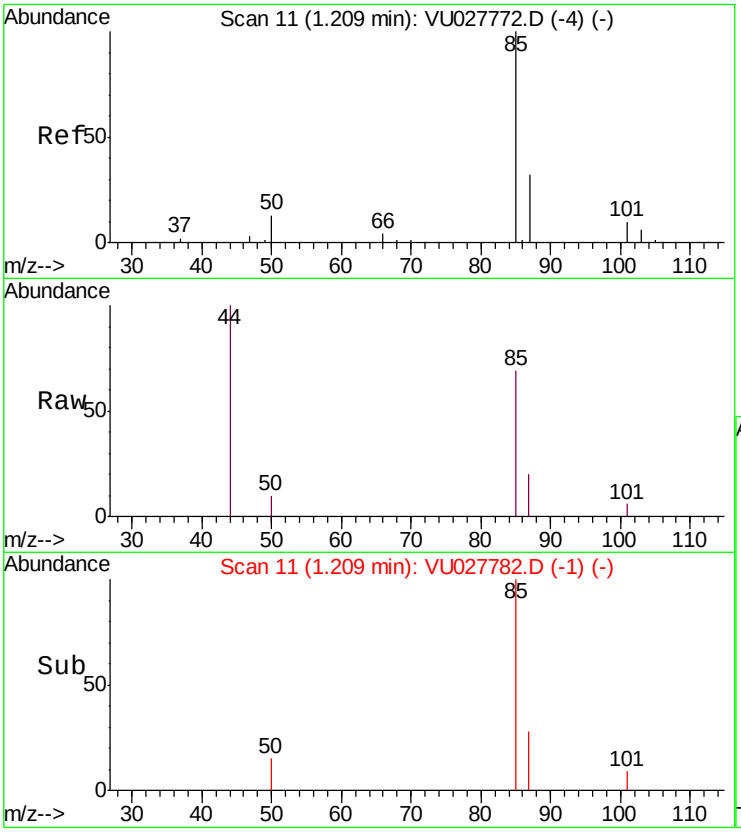
Quantitation Report (Not Reviewed)

Data File : VU027782.D
Acq On : 24 Oct 2018 13:47
Operator : MD/SY
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Quant Time: Oct 25 04:39:41 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



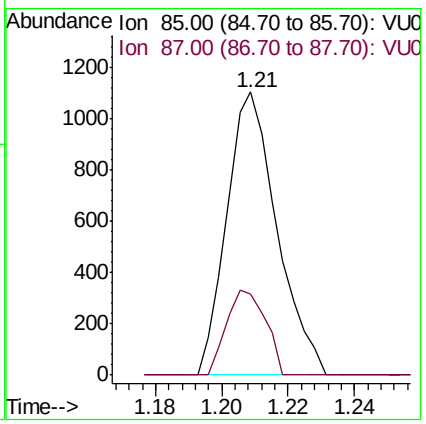


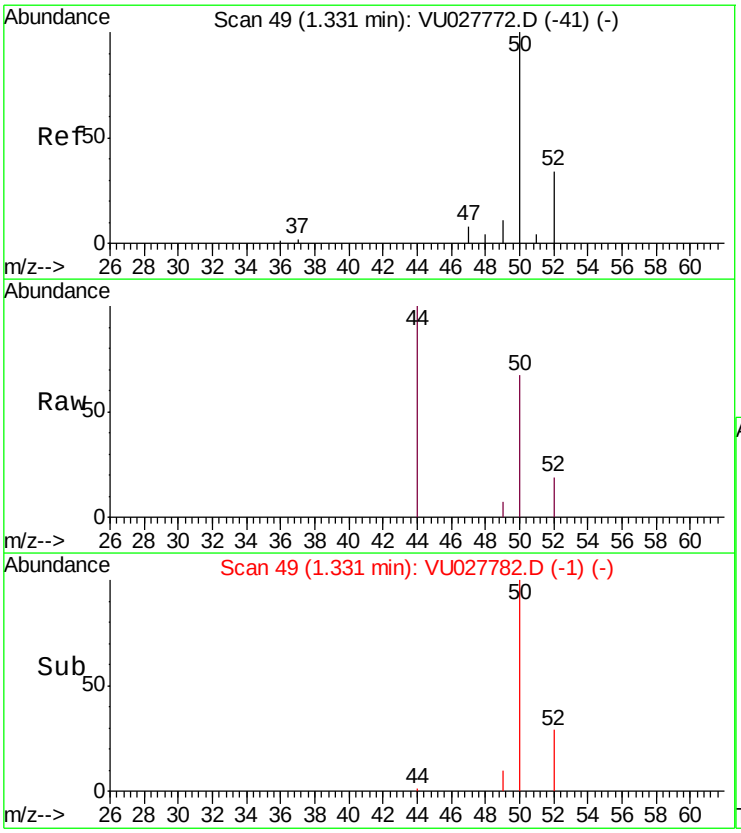
#2
Dichlorodifluoromethane
Concen: 0.296 ug/L
RT: 1.21 min Scan# 11
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 85 Resp: 1161

Ion	Ratio	Lower	Upper
85	100		
87	23.3	25.4	38.0#

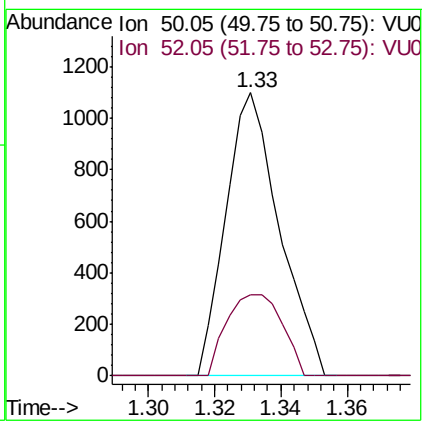


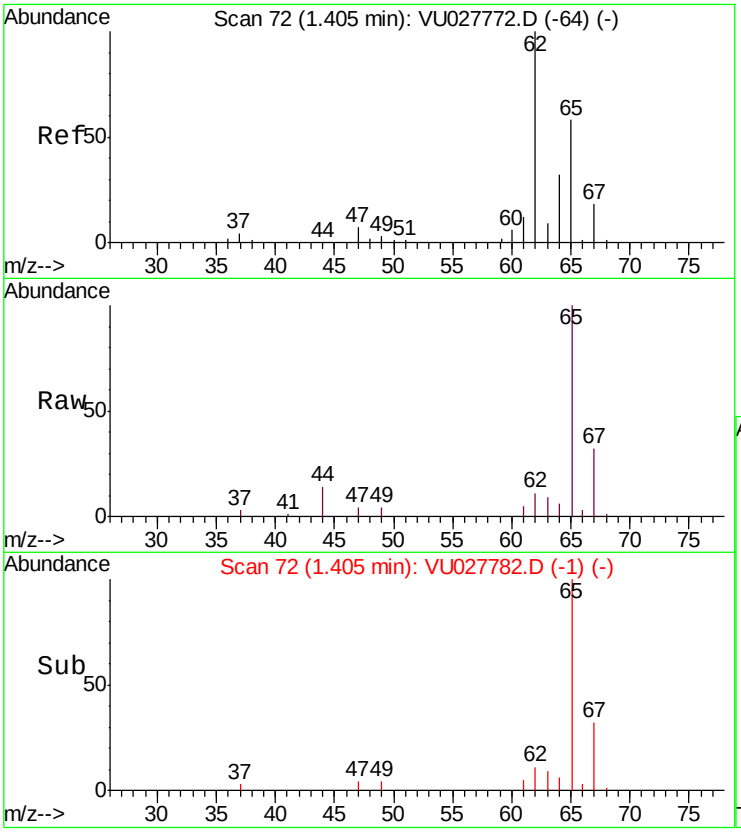


#3
Chloromethane
Concen: 0.280 ug/L
RT: 1.33 min Scan# 49
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 50 Resp: 1235

Ion	Ratio	Lower	Upper
50	100		
52	28.5	23.7	43.9



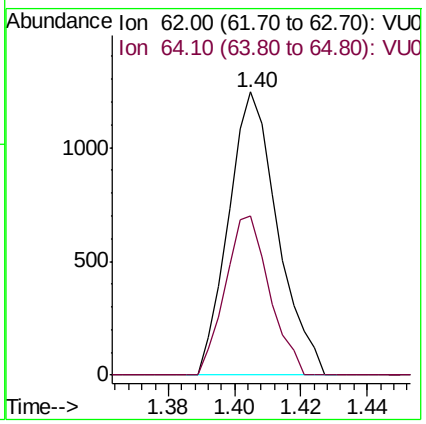


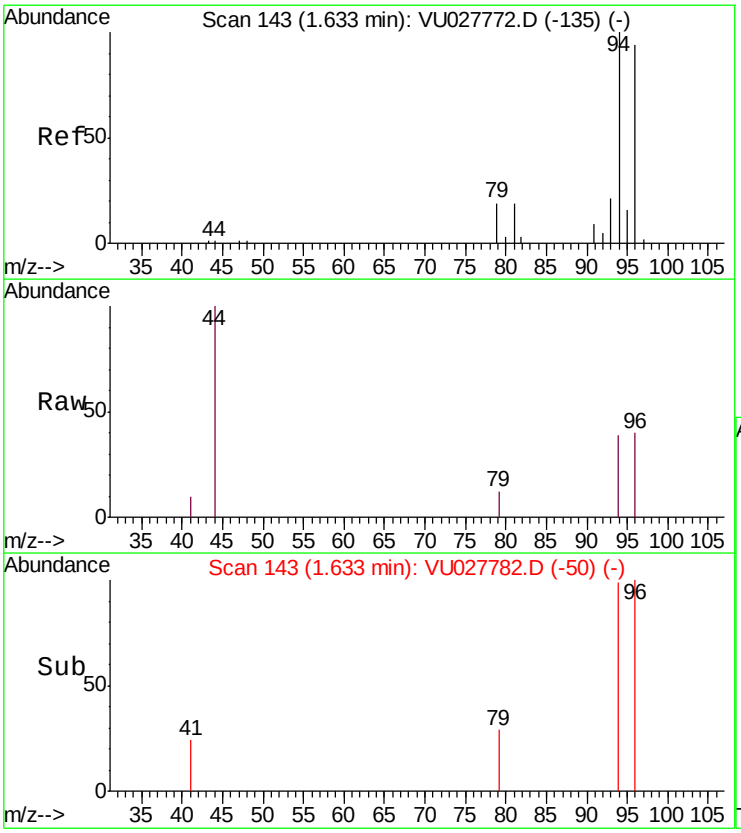
#5
Vinyl chloride
Concen: 0.302 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 62 Resp: 1278

Ion	Ratio	Lower	Upper
62	100		
64	56.2	22.7	42.1#

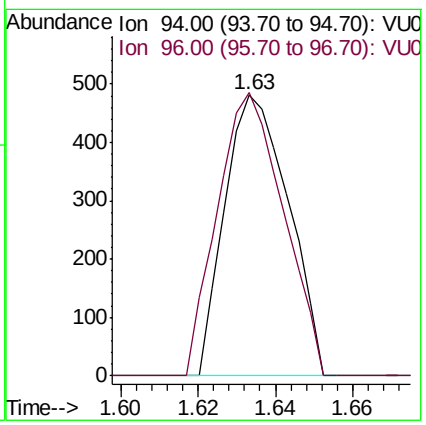


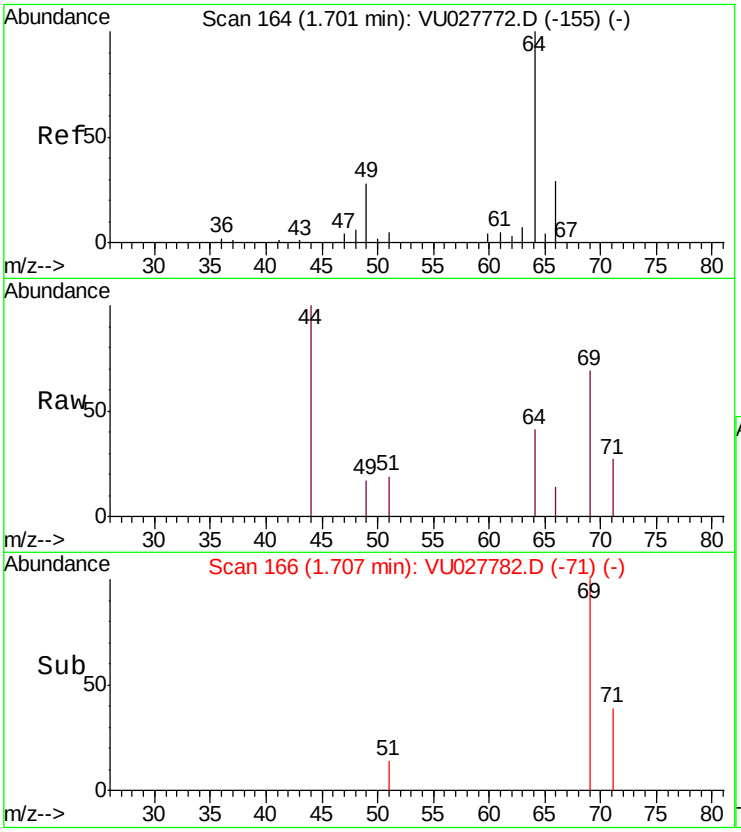


#6
Bromomethane
Concen: 0.252 ug/L
RT: 1.63 min Scan# 143
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 94 Resp: 548

Ion	Ratio	Lower	Upper
94	100		
96	100.6	65.5	121.7



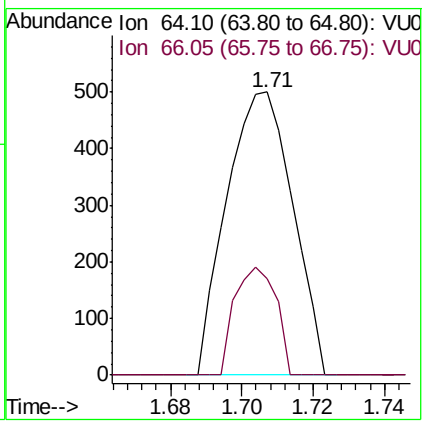


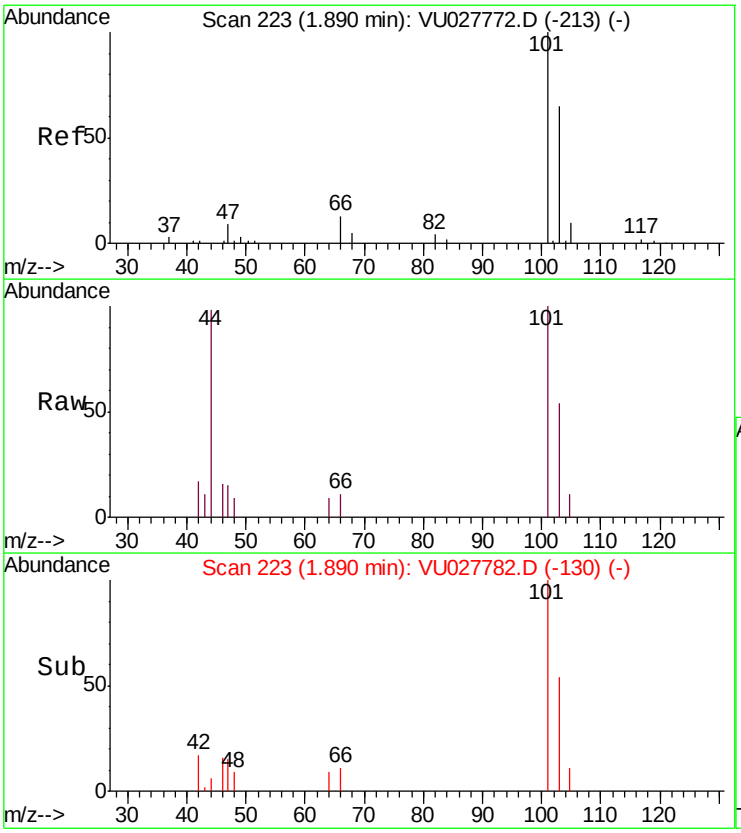
#8
Chloroethane
Concen: 0.279 ug/L
RT: 1.71 min Scan# 166
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 64 Resp: 639

Ion	Ratio	Lower	Upper
64	100		
66	34.0	20.3	37.7

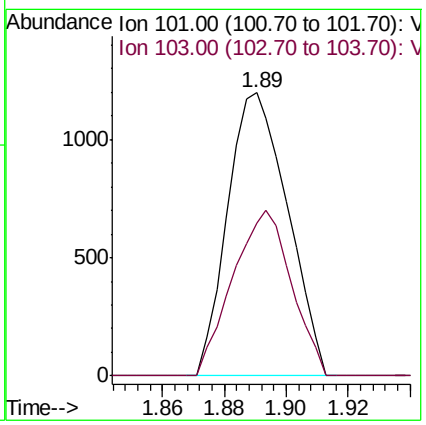


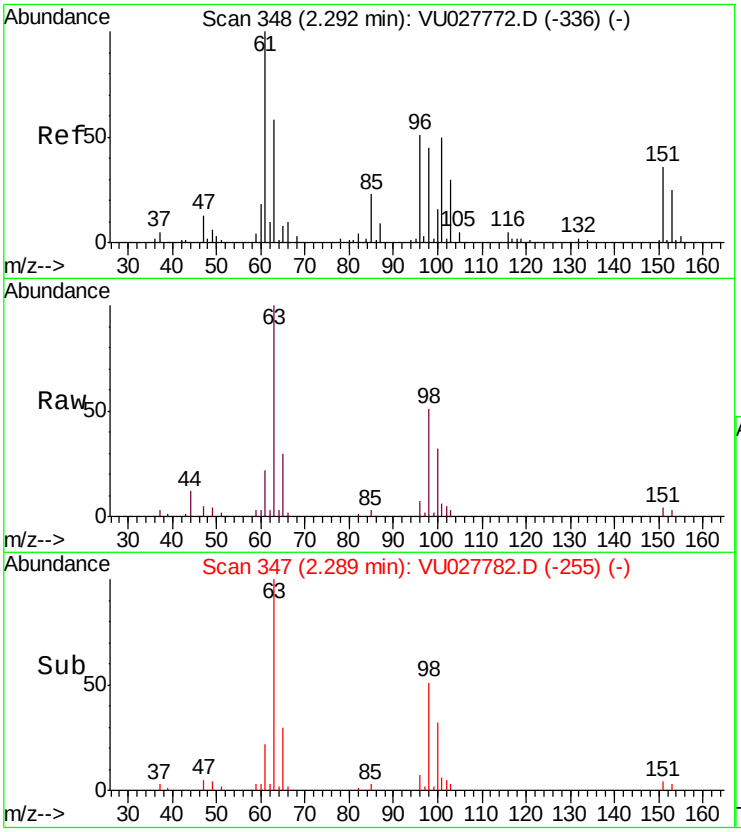


#9
Trichlorofluoromethane
Concen: 0.288 ug/L
RT: 1.89 min Scan# 223
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:101 Resp: 1613

Ion	Ratio	Lower	Upper
101	100		
103	57.2	51.0	76.4



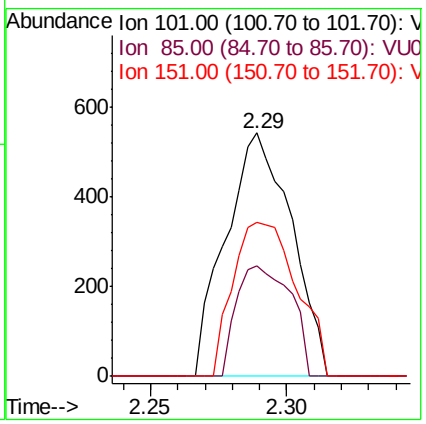


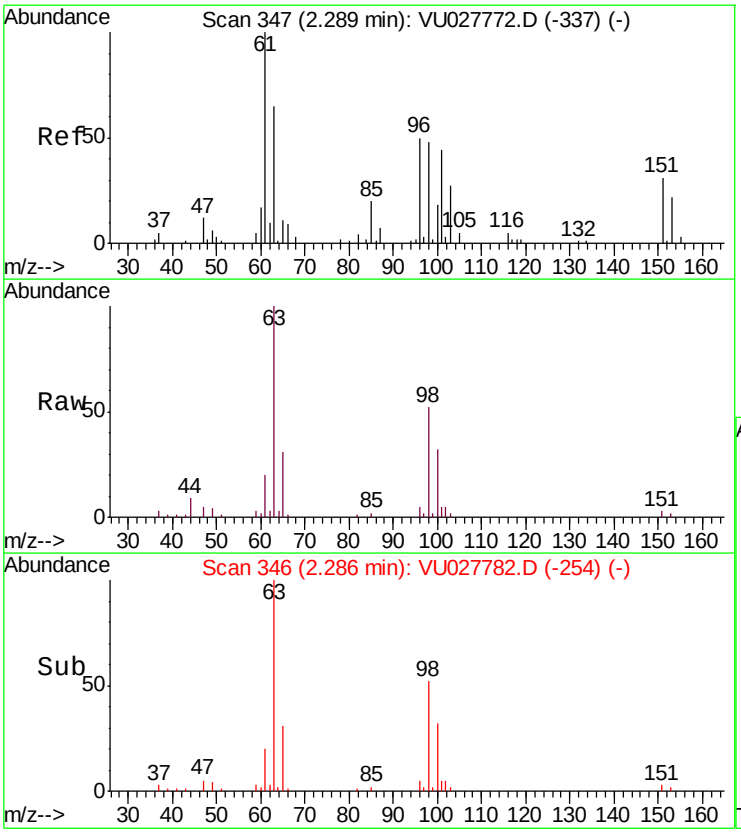
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.321 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:101 Resp: 908

Ion	Ratio	Lower	Upper
101	100		
85	37.7	38.1	57.1#
151	61.7	57.0	85.4

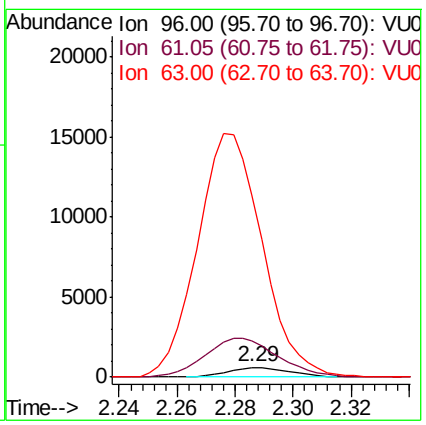


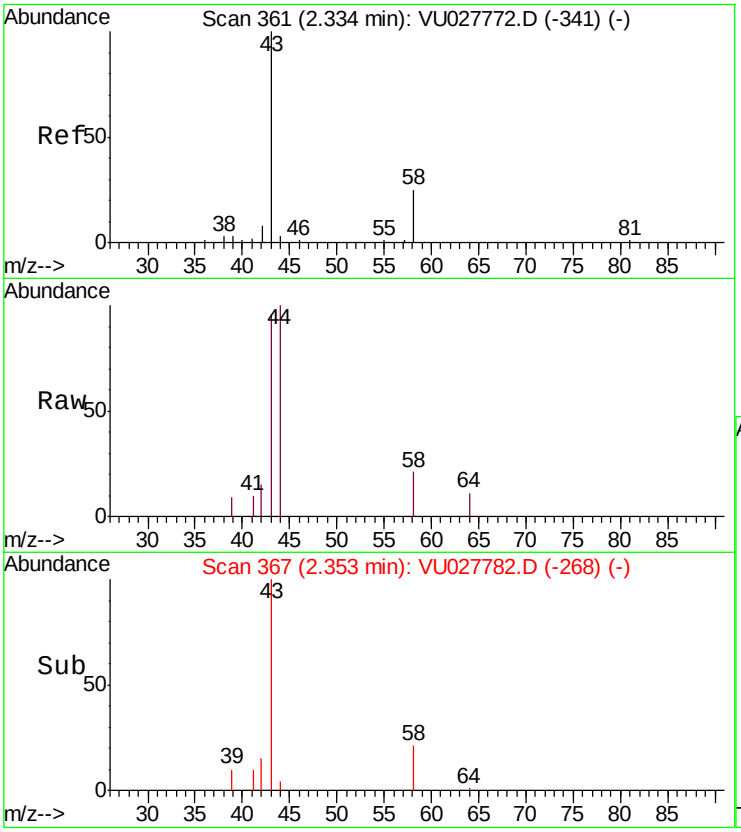


#12
1,1-Dichloroethene
Concen: 0.325 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 96 Resp: 857

Ion	Ratio	Lower	Upper
96	100		
61	373.4	143.8	267.0#
63	1901.8	105.1	195.3#



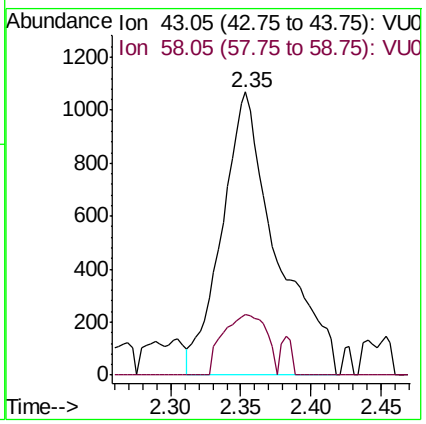


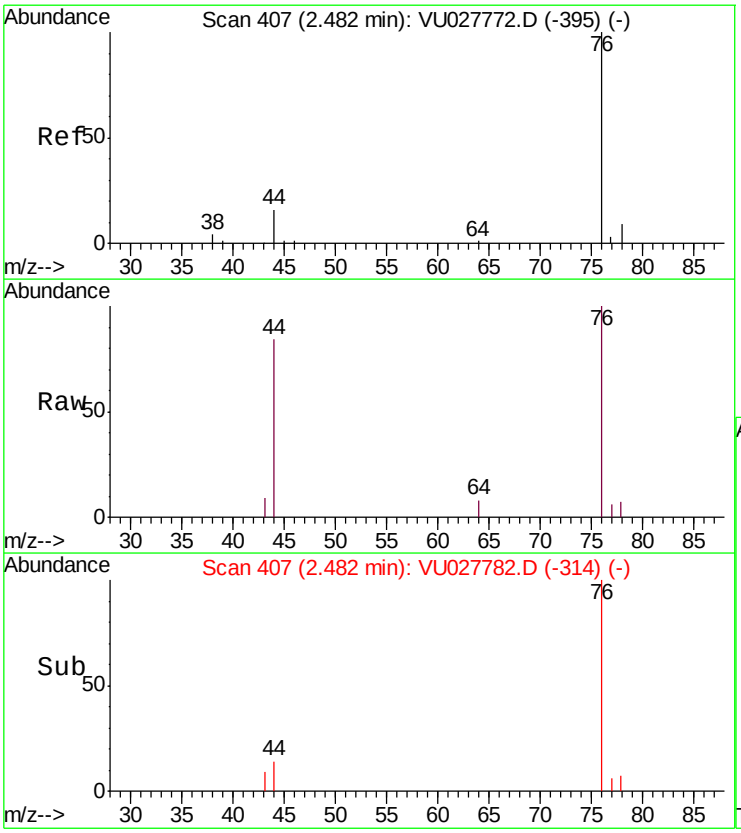
#13
Acetone
Concen: 4.000 ug/L
RT: 2.35 min Scan# 367
Delta R.T. 0.02 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion: 43 Resp: 2890

Ion	Ratio	Lower	Upper
43	100		
58	16.9	0.0	52.8

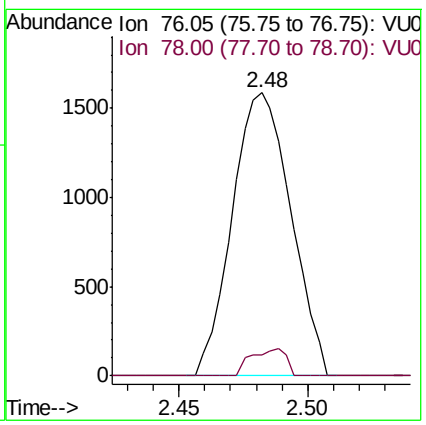


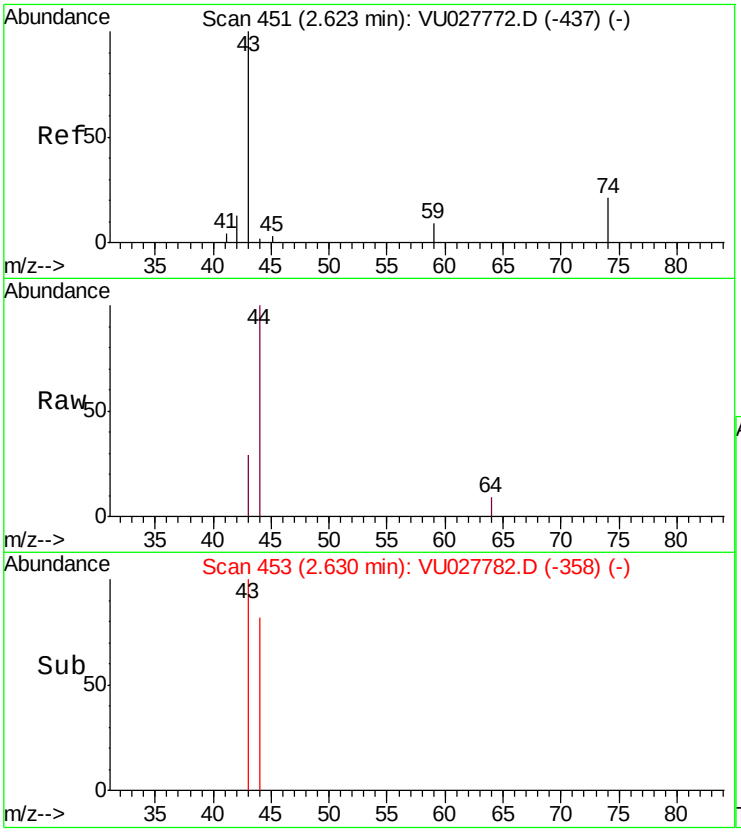


#14
Carbon disulfide
Concen: 0.278 ug/L
RT: 2.48 min Scan# 407
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 76 Resp: 2512

Ion	Ratio	Lower	Upper
76	100		
78	7.4	7.4	11.0



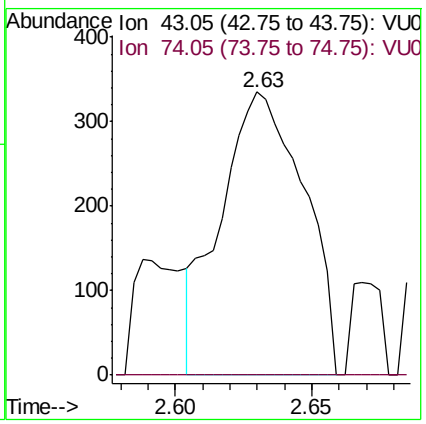


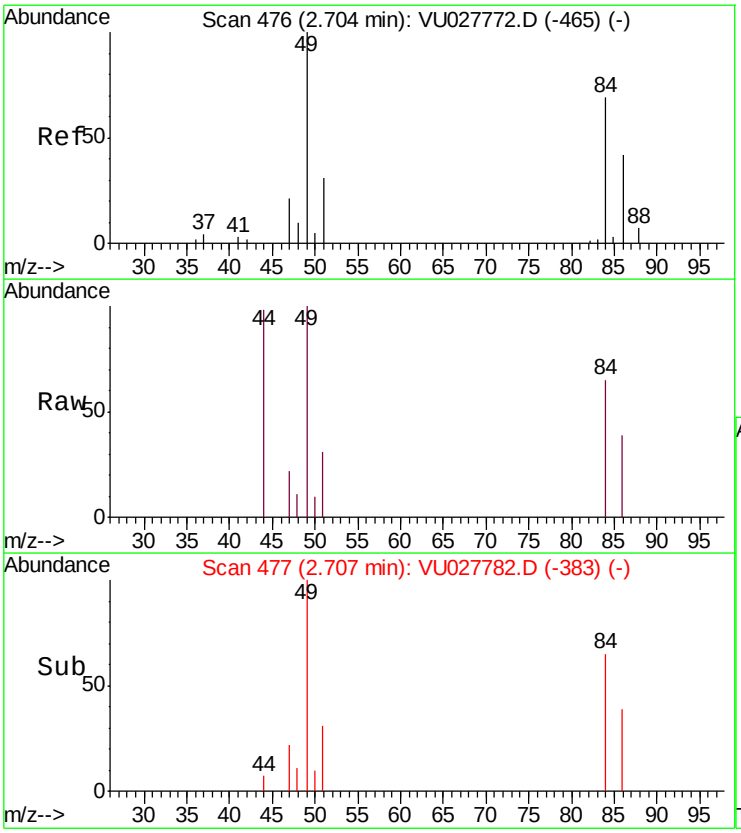
#15
Methyl Acetate
Concen: 0.352 ug/L
RT: 2.63 min Scan# 453
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 43 Resp: 711

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.8	23.8#

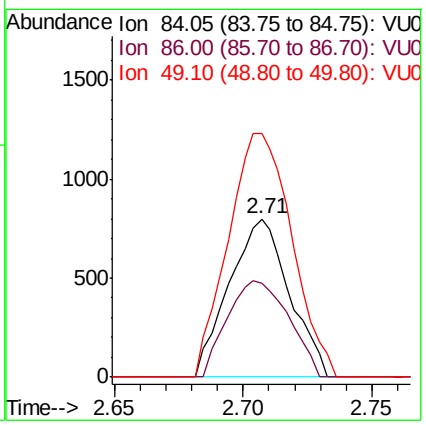


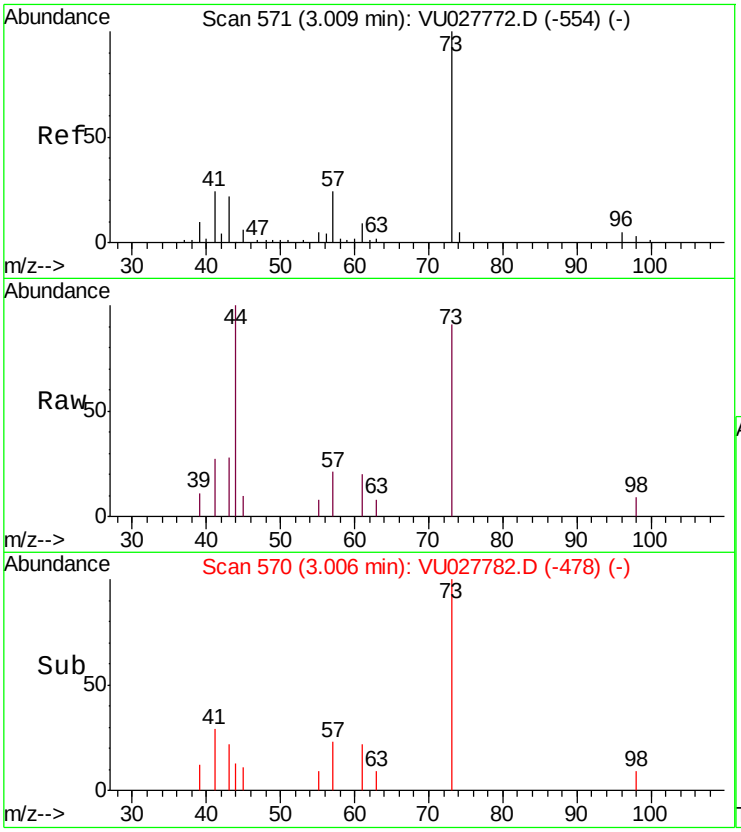


#16
Methylene chloride
Concen: 0.417 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 84 Resp: 1296

Ion	Ratio	Lower	Upper
84	100		
86	59.6	42.8	79.4
49	153.8	101.4	188.4



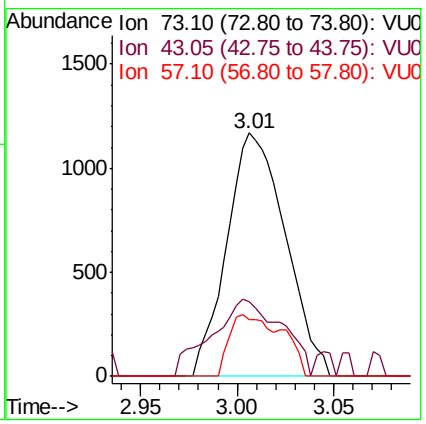


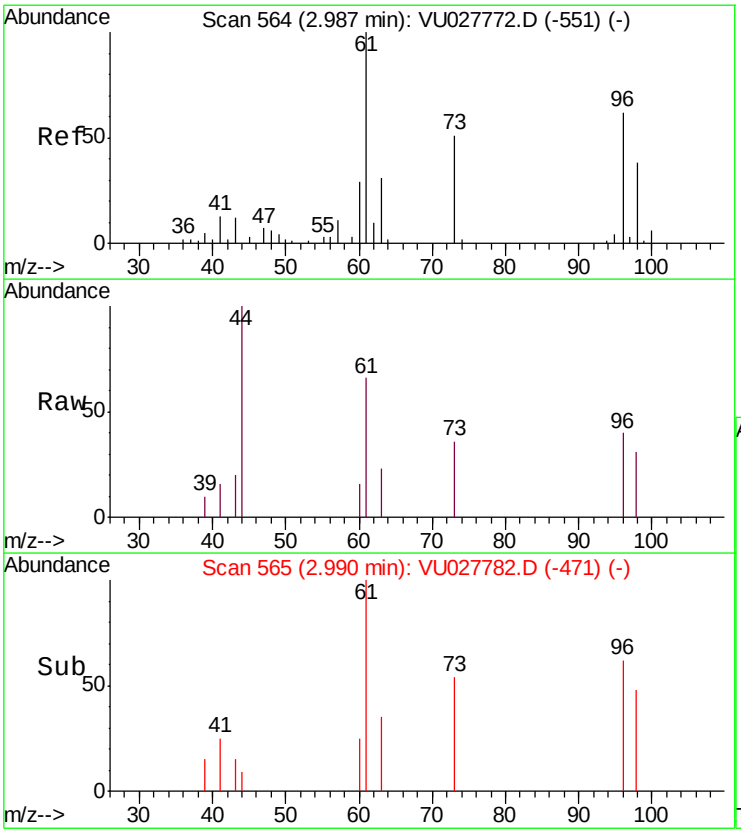
#17
Methyl tert-butyl Ether
Concen: 0.291 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 73 Resp: 2459

Ion	Ratio	Lower	Upper
73	100		
43	37.7	18.6	28.0#
57	22.6	18.2	27.2

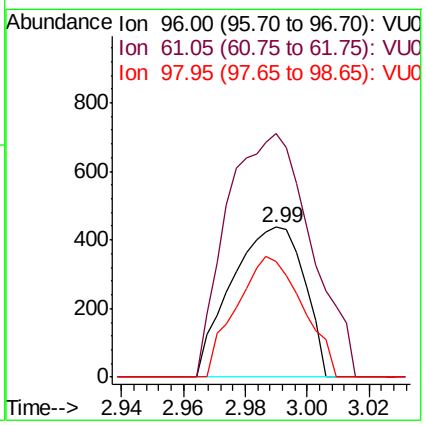


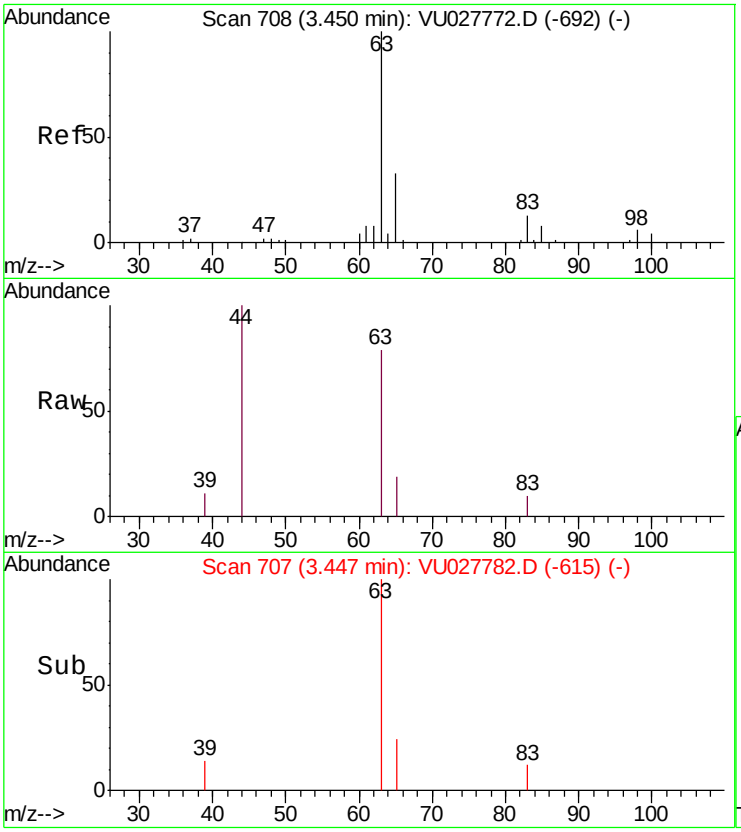


#18
trans-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 2.99 min Scan# 565
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 96 Resp: 714

Ion	Ratio	Lower	Upper
96	100		
61	162.5	112.1	208.3
98	77.3	42.1	78.3



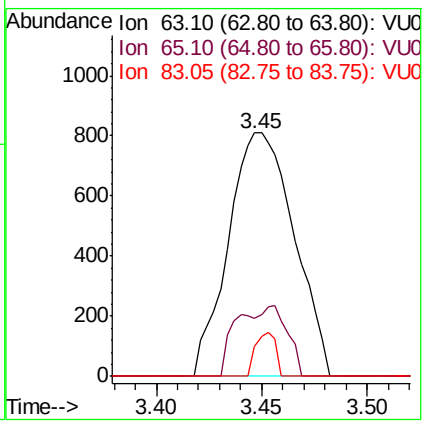


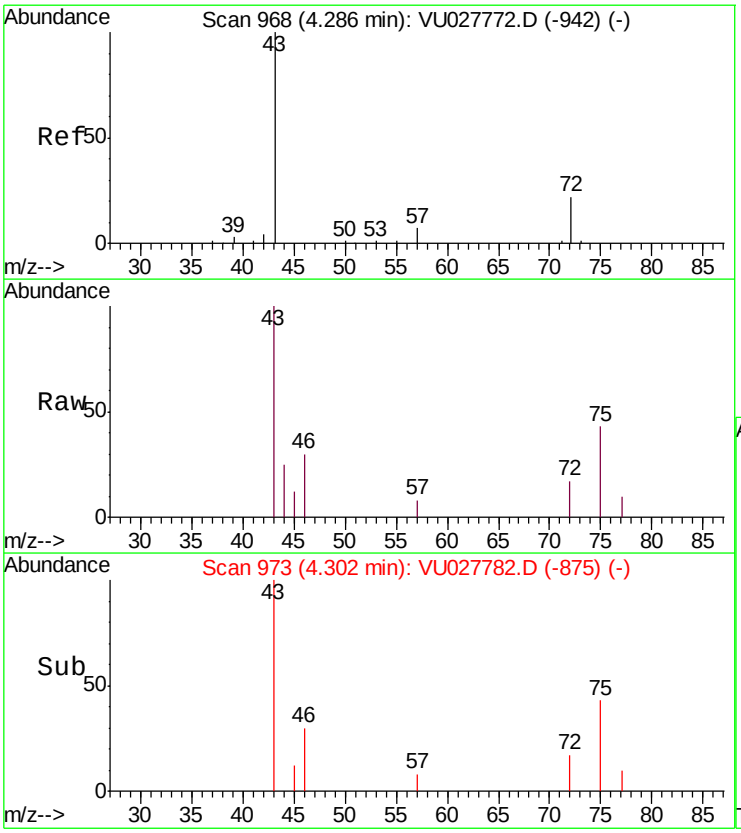
#19
1,1-Dichloroethane
Concen: 0.281 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 63 Resp: 1752

Ion	Ratio	Lower	Upper
63	100		
65	24.1	23.1	42.9
83	12.3	9.2	17.0

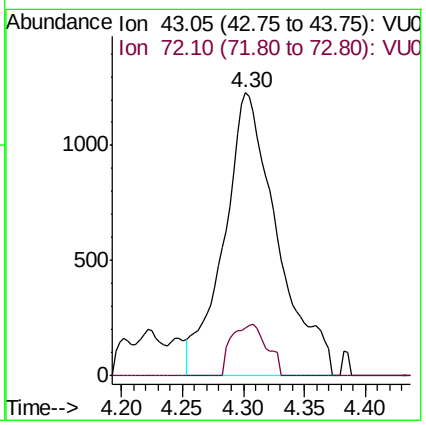


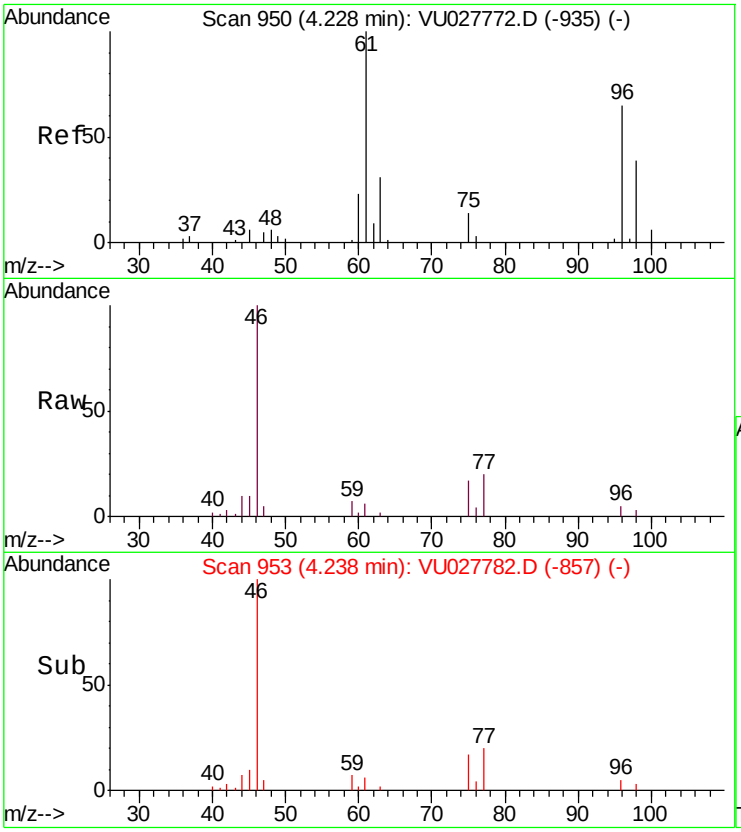


#21
2-Butanone
Concen: 3.144 ug/L
RT: 4.30 min Scan# 973
Delta R.T. 0.02 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 43 Resp: 3727

Ion	Ratio	Lower	Upper
43	100		
72	12.0	10.5	31.6



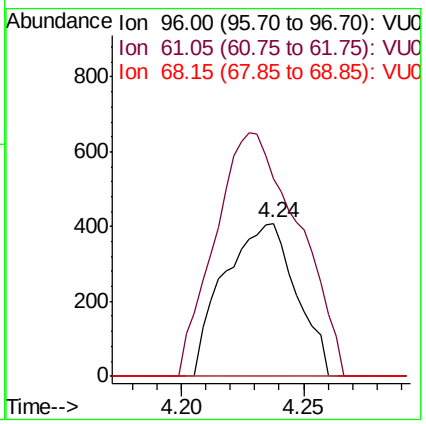


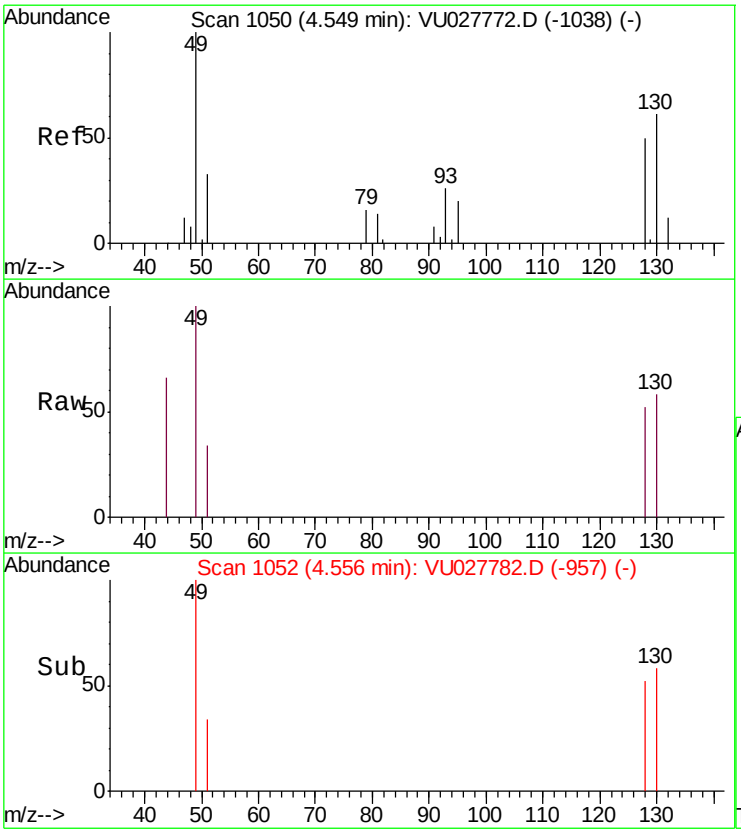
#22
cis-1,2-Dichloroethene
Concen: 0.249 ug/L
RT: 4.24 min Scan# 953
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 96 Resp: 835

Ion	Ratio	Lower	Upper
96	100		
61	129.1	107.2	199.0
68	0.0	0.0	0.0

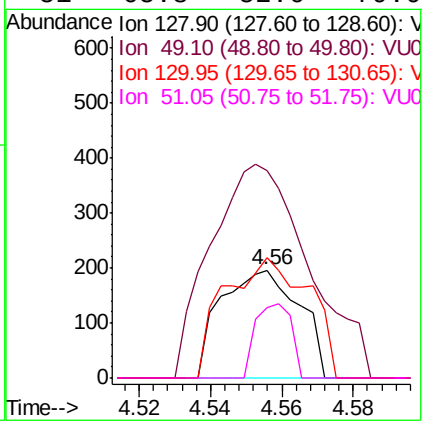


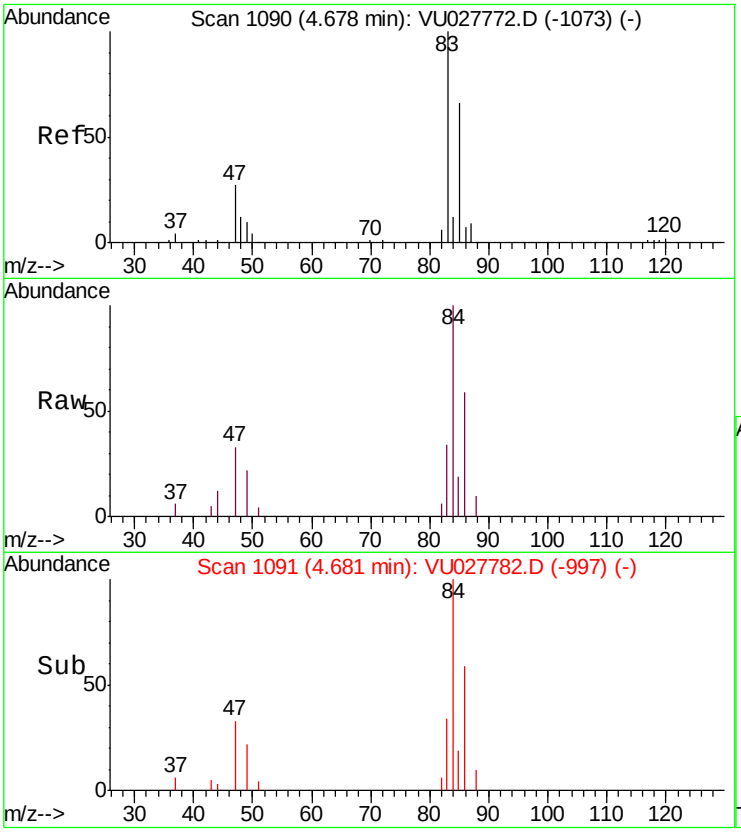


#23
Bromochloromethane
Concen: 0.218 ug/L
RT: 4.56 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:128 Resp: 297

Ion	Ratio	Lower	Upper
128	100		
49	192.3	142.8	265.2
130	111.2	86.0	159.8
51	65.8	52.6	79.0



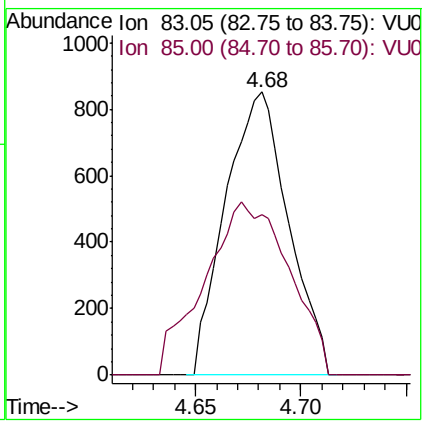


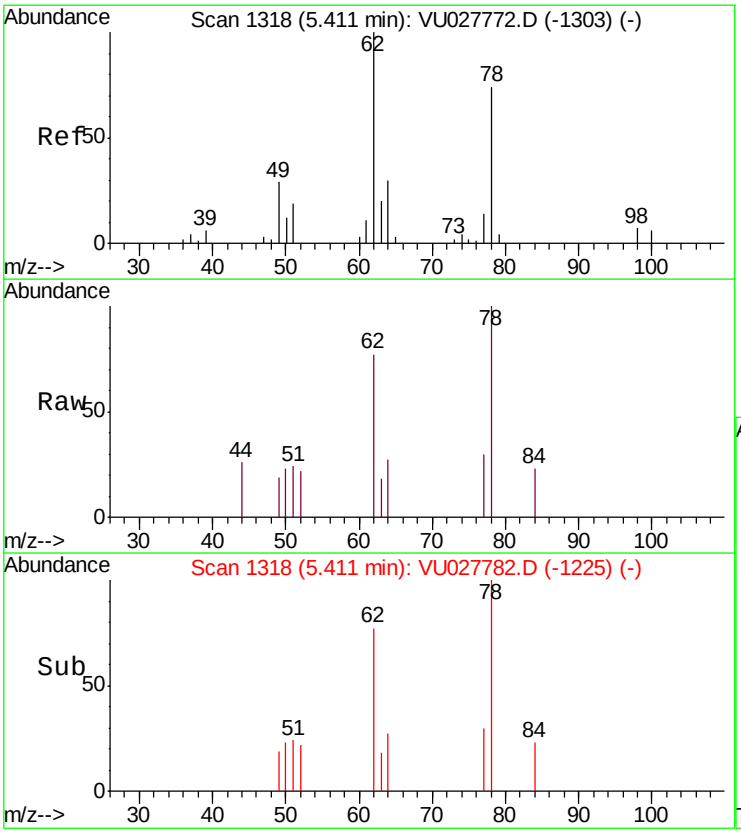
#25
Chloroform
Concen: 0.281 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 83 Resp: 1769

Ion	Ratio	Lower	Upper
83	100		
85	56.7	45.8	85.2

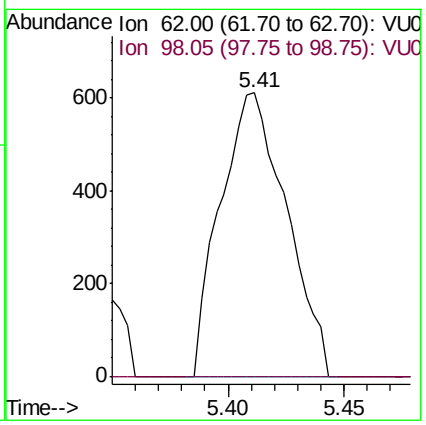


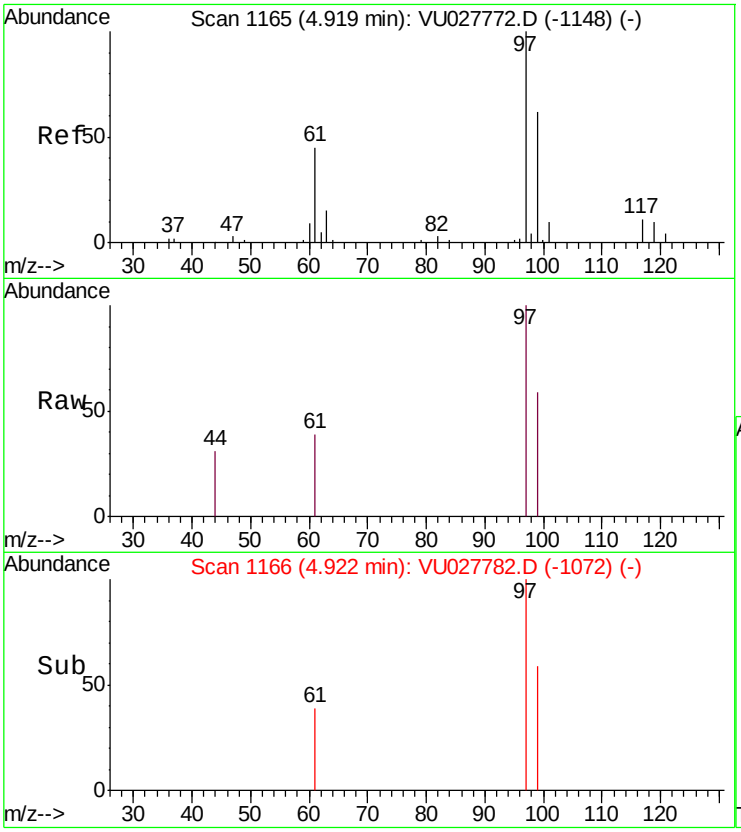


#27
1,2-Dichloroethane
Concen: 0.259 ug/L
RT: 5.41 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 62 Resp: 1205

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#



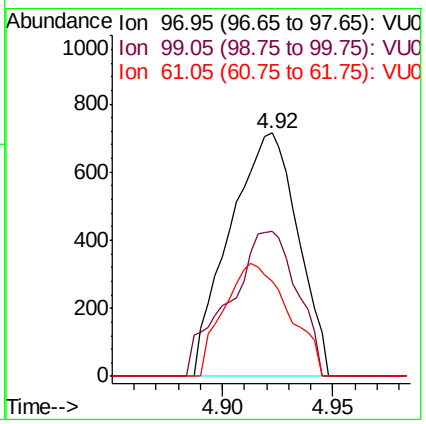


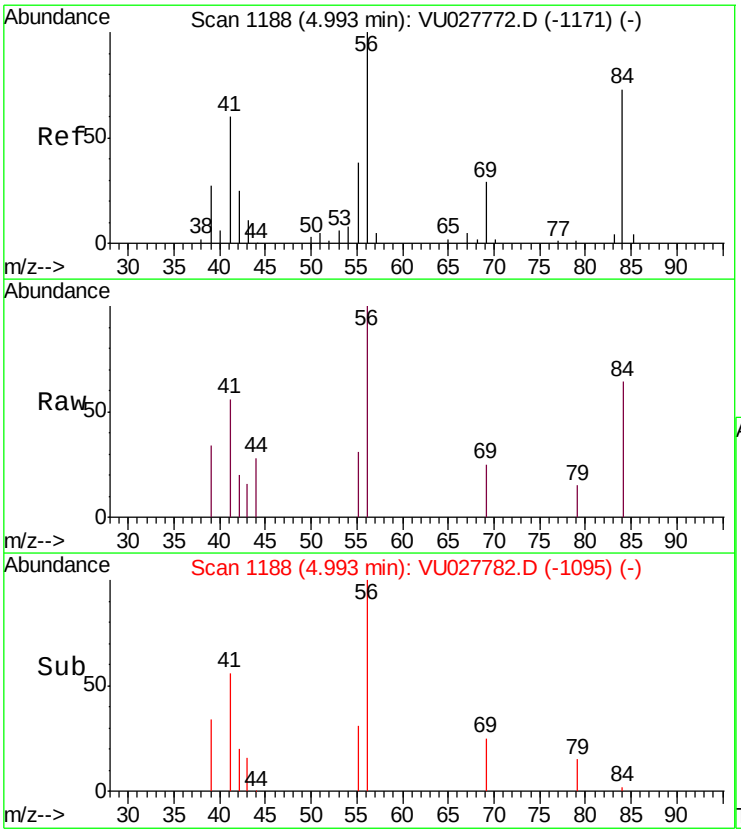
#29
1,1,1-Trichloroethane
Concen: 0.281 ug/L
RT: 4.92 min Scan# 1166
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 97 Resp: 1533

Ion	Ratio	Lower	Upper
97	100		
99	59.6	51.3	76.9
61	44.0	36.7	55.1

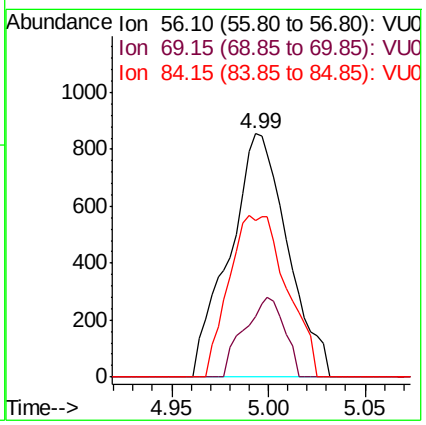


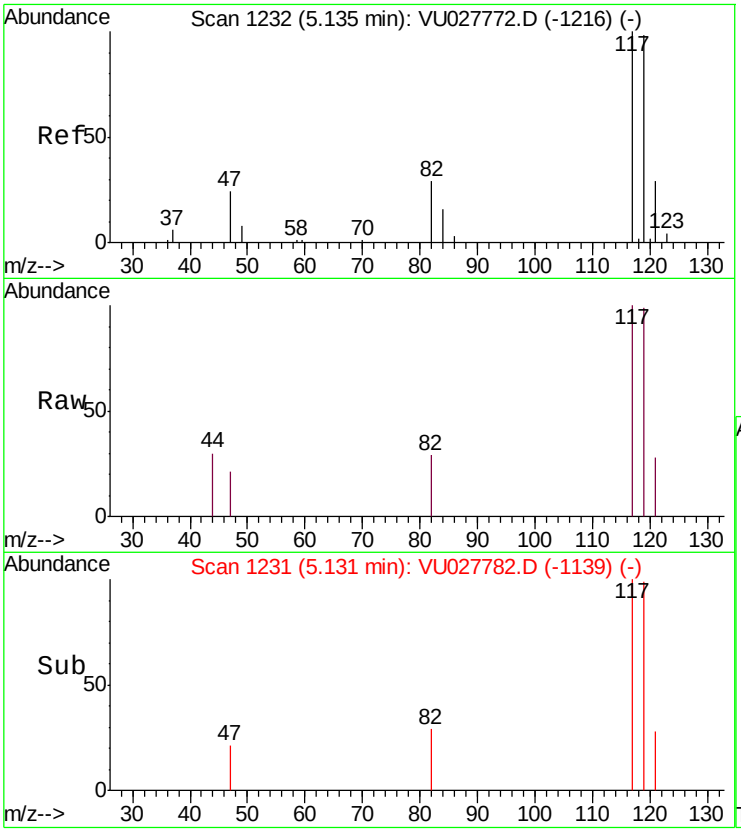


#30
Cyclohexane
Concen: 0.293 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 56 Resp: 1789

Ion	Ratio	Lower	Upper
56	100		
69	22.5	22.2	33.4
84	66.0	58.6	88.0



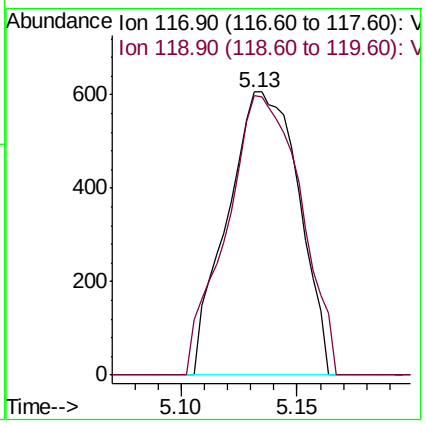


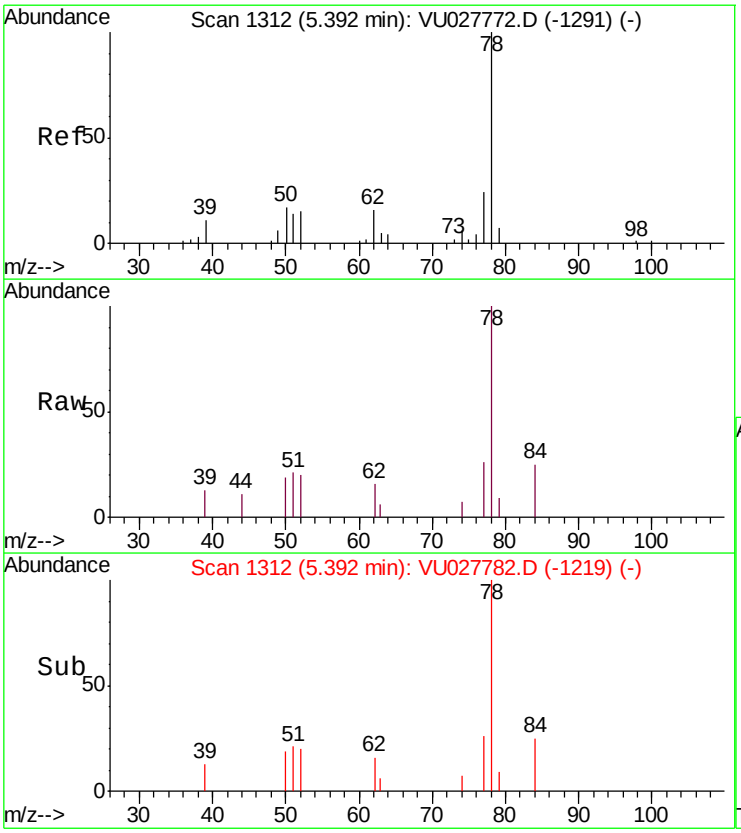
#31
Carbon tetrachloride
Concen: 0.278 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:117 Resp: 1298

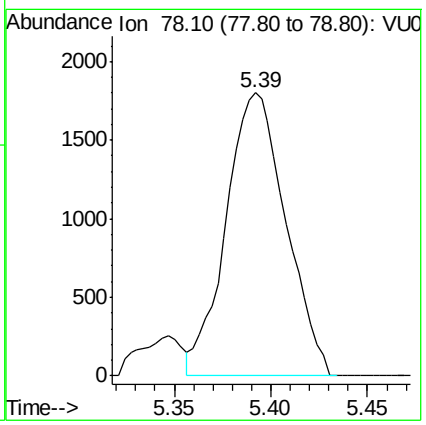
Ion	Ratio	Lower	Upper
117	100		
119	102.7	77.0	115.6

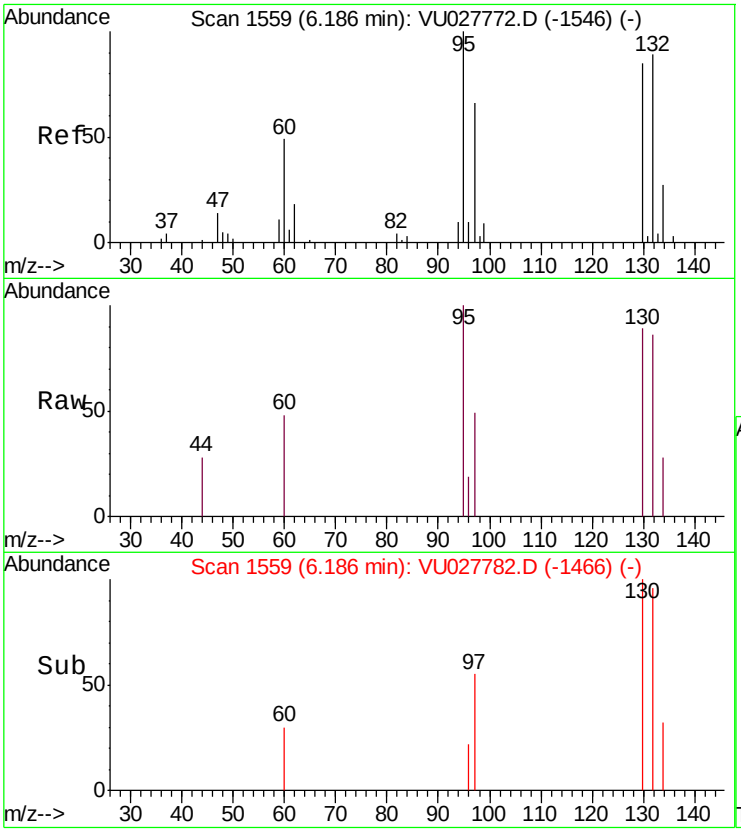




#33
Benzene
Concen: 0.307 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 78 Resp: 3870



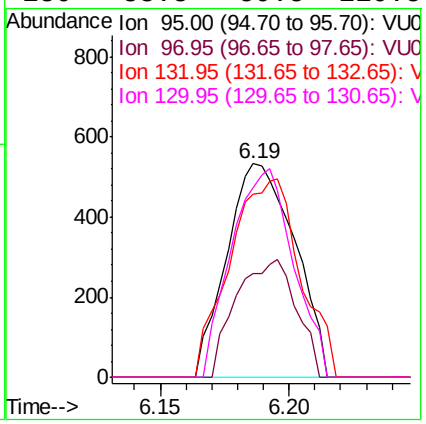


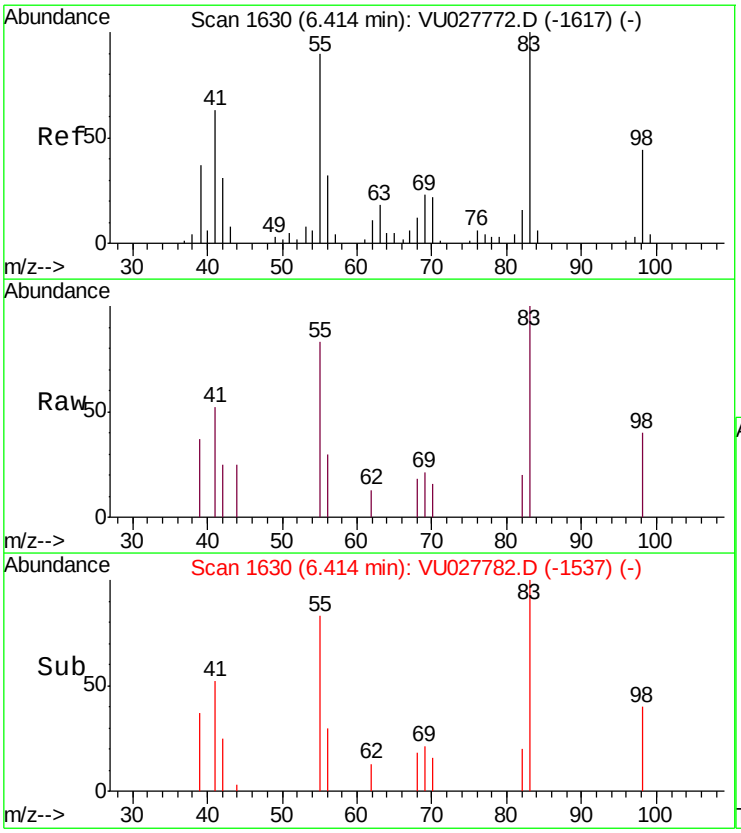
#34
Trichloroethene
Concen: 0.300 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 95 Resp: 980

Ion	Ratio	Lower	Upper
95	100		
97	48.5	46.4	86.2
132	85.6	62.0	115.2
130	88.8	59.5	110.5

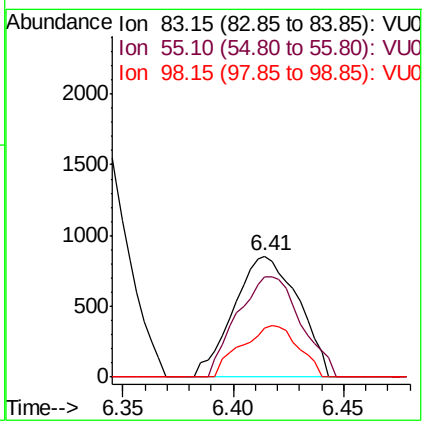


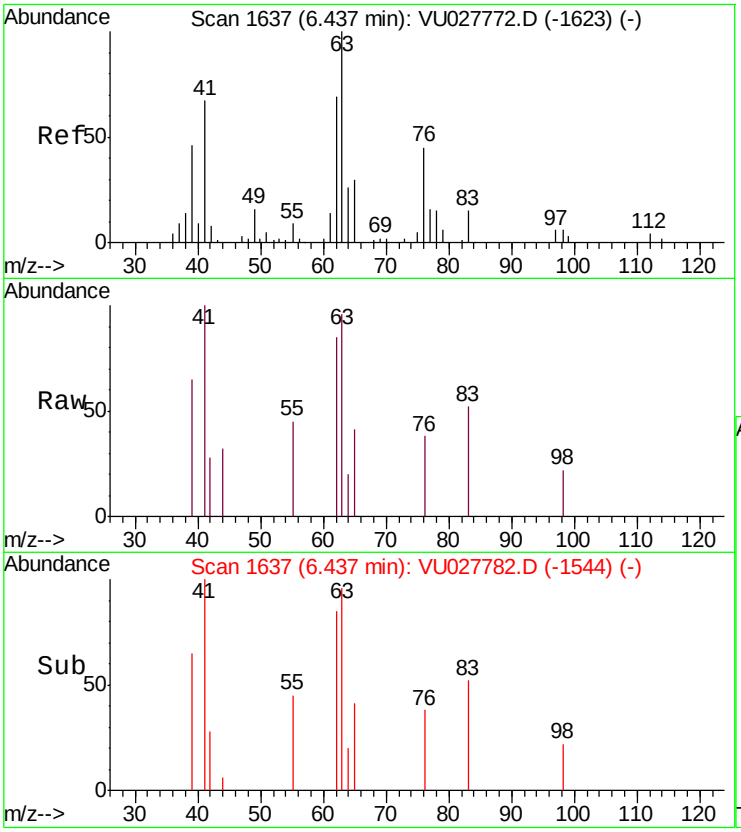


#35
Methylcyclohexane
Concen: 0.318 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 83 Resp: 1735

Ion	Ratio	Lower	Upper
83	100		
55	82.0	71.5	107.3
98	37.6	35.4	53.0



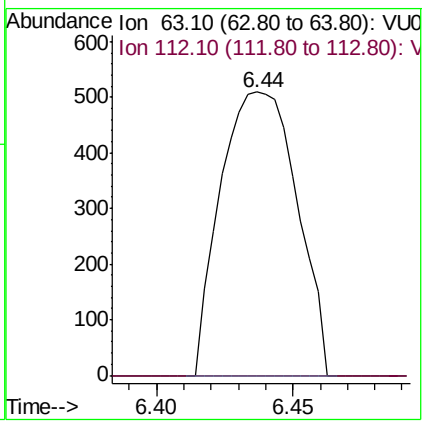


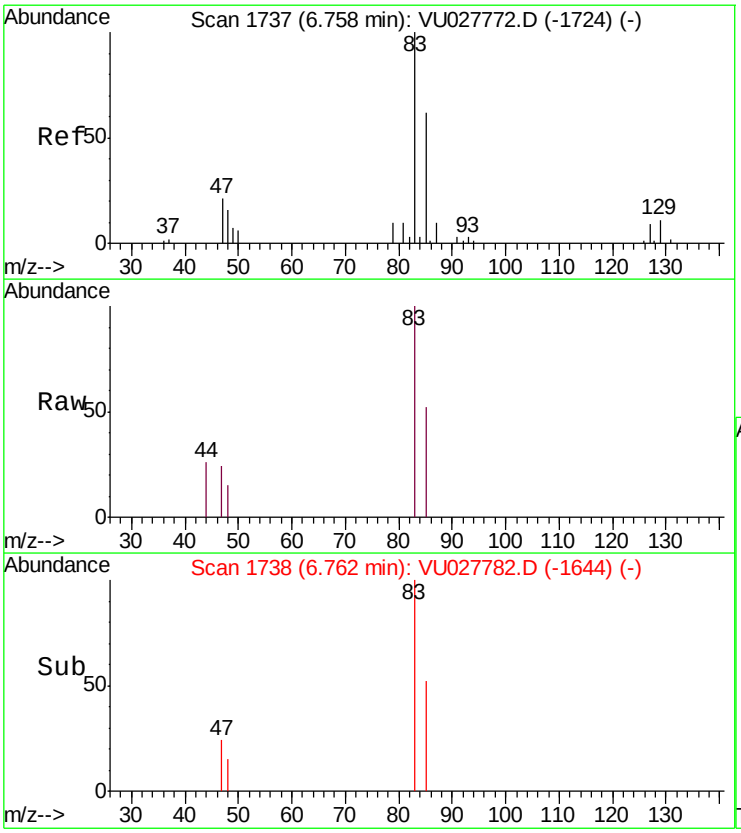
#37
1,2-Dichloropropane
Concen: 0.268 ug/L
RT: 6.44 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 63 Resp: 991

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

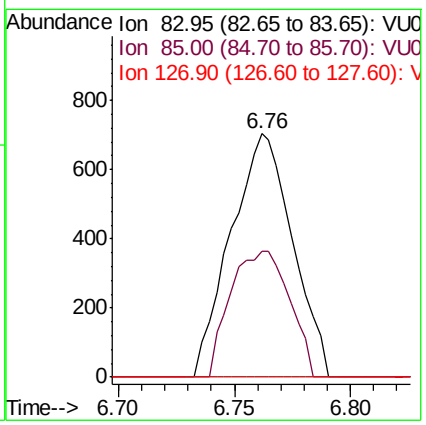


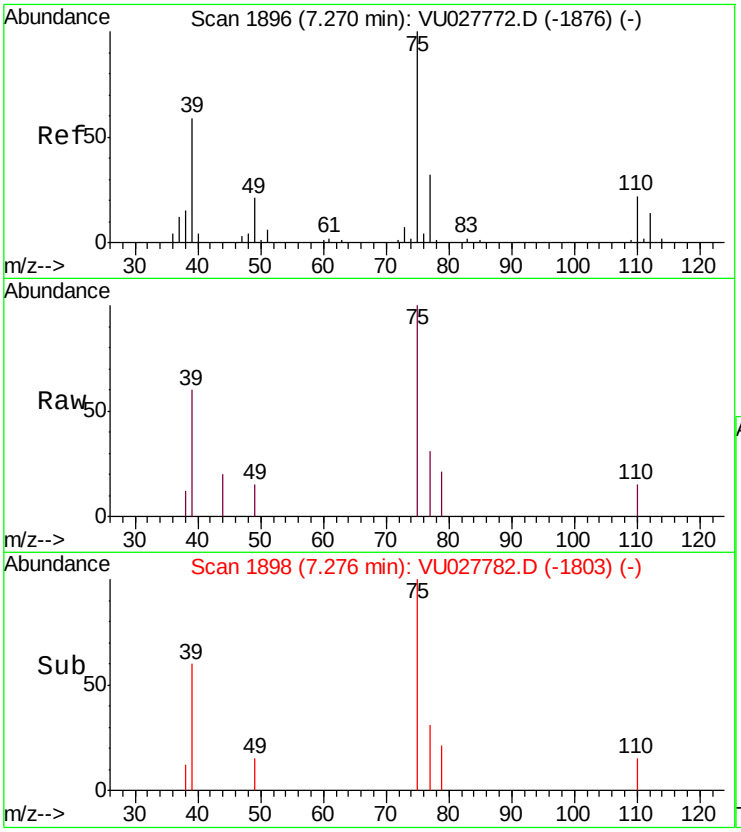


#38
Bromodichloromethane
Concen: 0.295 ug/L
RT: 6.76 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 83 Resp: 1300

Ion	Ratio	Lower	Upper
83	100		
85	51.6	43.3	80.5
127	0.0	7.2	10.8#



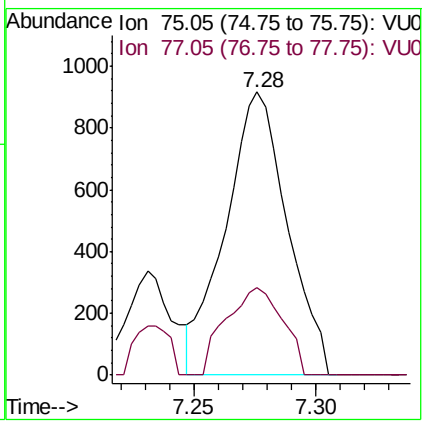


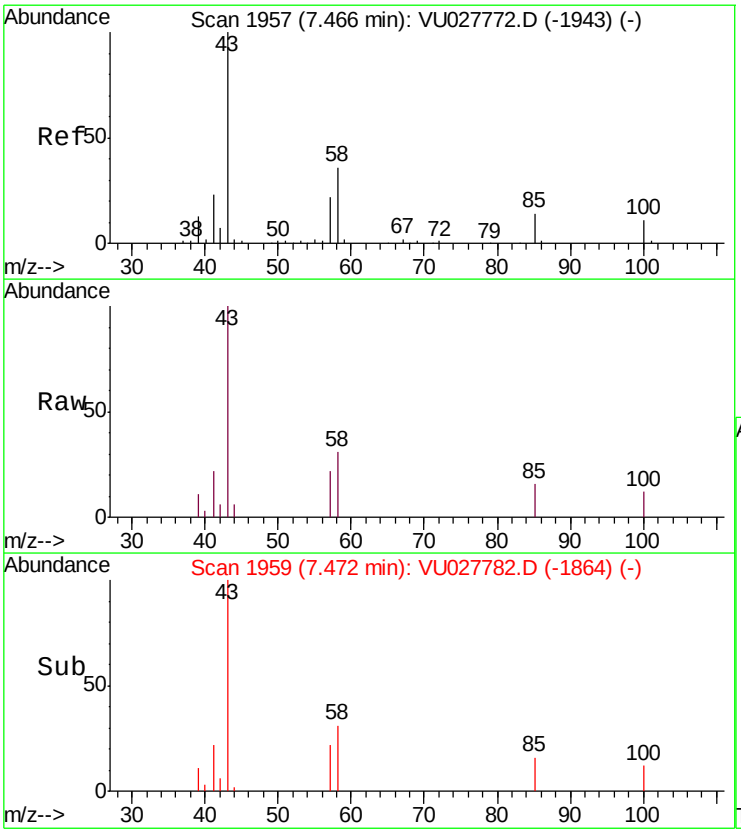
#39
cis-1,3-Dichloropropene
Concen: 0.305 ug/L
RT: 7.28 min Scan# 1898
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 75 Resp: 1613

Ion	Ratio	Lower	Upper
75	100		
77	31.0	22.5	41.7

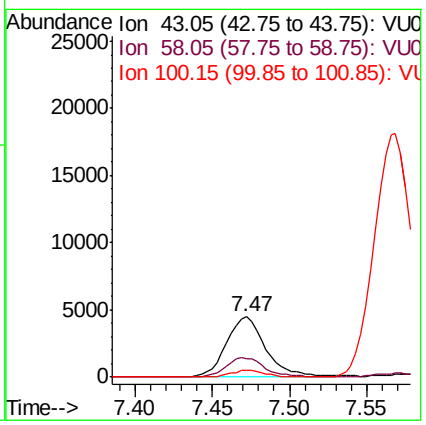


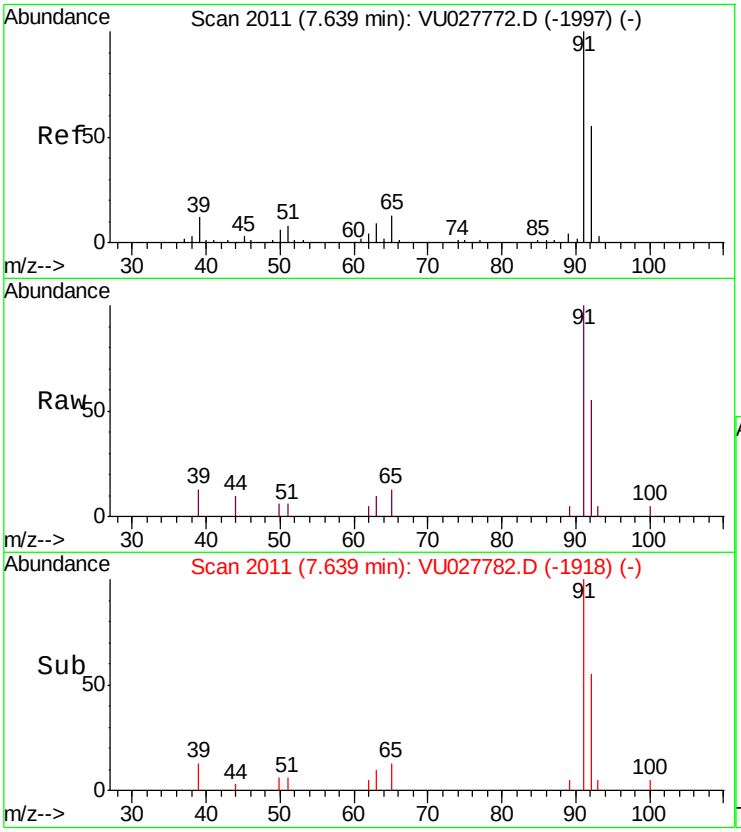


#40
4-Methyl-2-pentanone
Concen: 2.879 ug/L
RT: 7.47 min Scan# 1959
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 43 Resp: 7957

Ion	Ratio	Lower	Upper
43	100		
58	31.1	28.1	42.1
100	0.0	8.7	13.1#



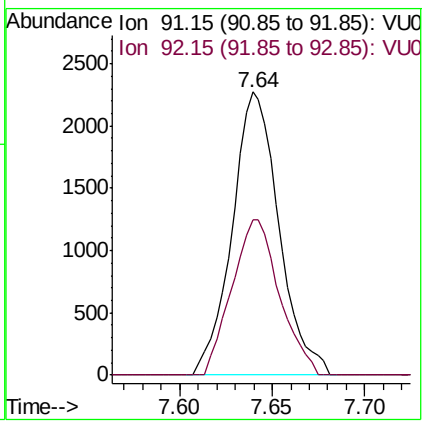


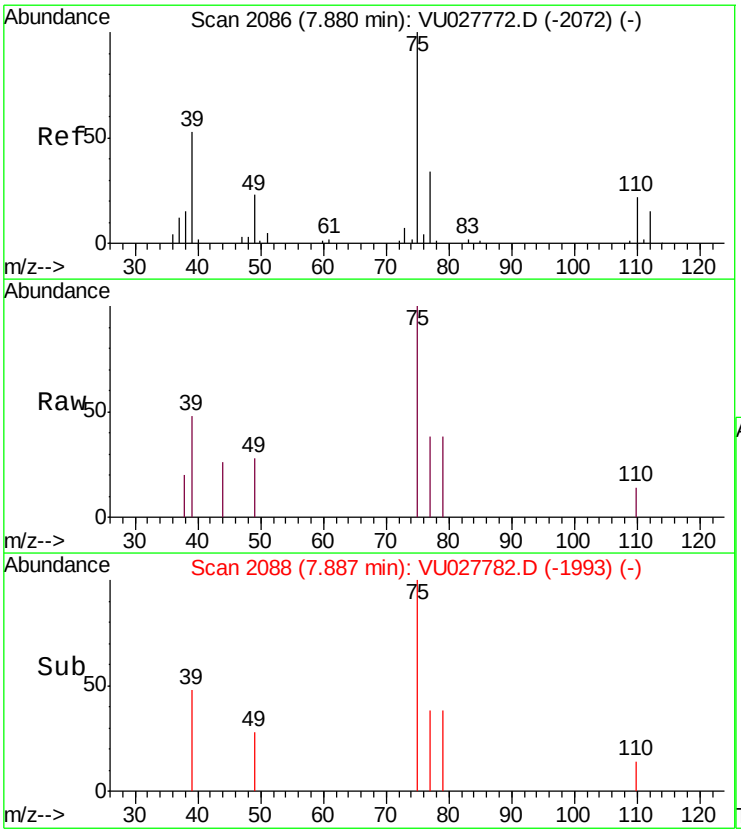
#42
Toluene
Concen: 0.295 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 91 Resp: 3992

Ion	Ratio	Lower	Upper
91	100		
92	54.9	38.6	71.8

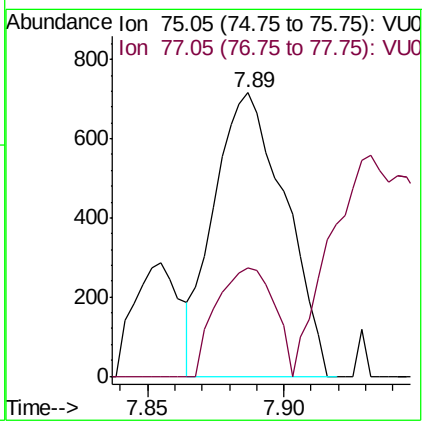


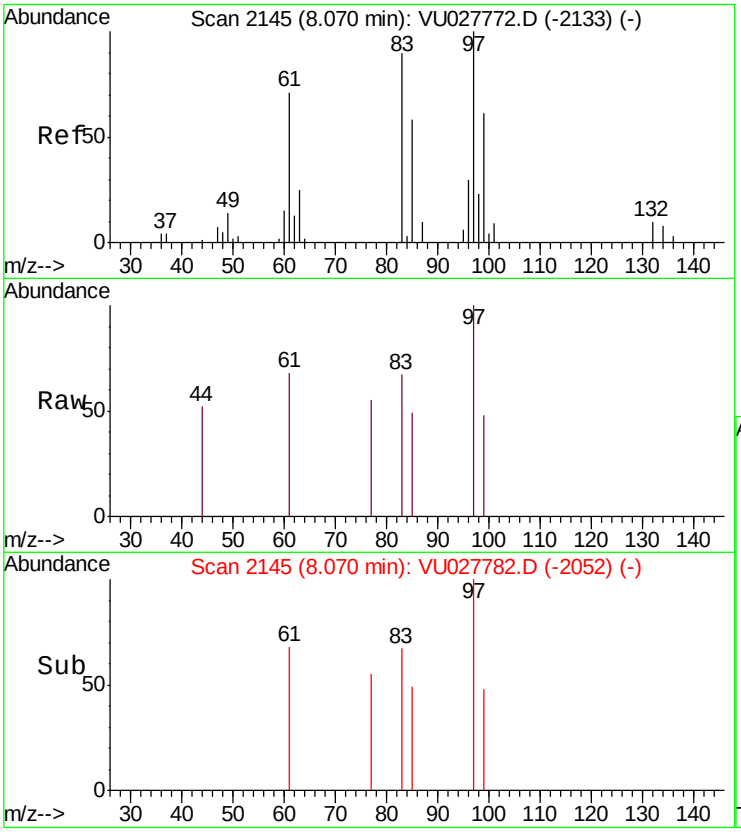


#44
trans-1,3-Dichloropropene
Concen: 0.292 ug/L
RT: 7.89 min Scan# 2088
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 75 Resp: 1303

Ion	Ratio	Lower	Upper
75	100		
77	38.1	23.5	43.7



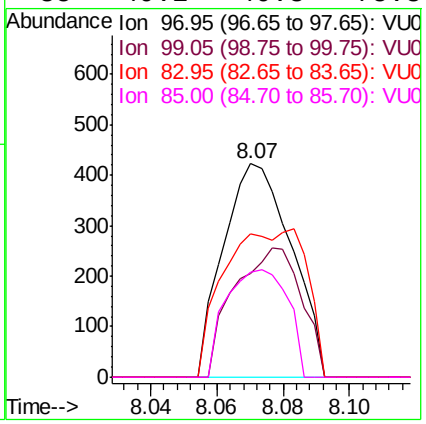


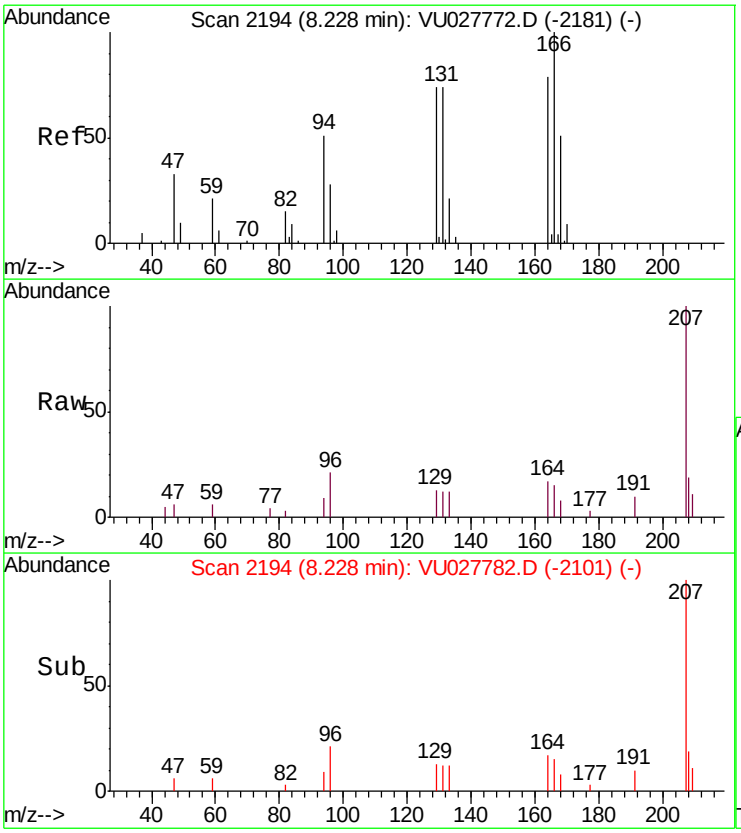
#45
1,1,2-Trichloroethane
Concen: 0.270 ug/L
RT: 8.07 min Scan# 2145
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 97 Resp: 603

Ion	Ratio	Lower	Upper
97	100		
99	48.2	42.8	79.6
83	67.1	62.9	116.9
85	49.2	40.8	75.8

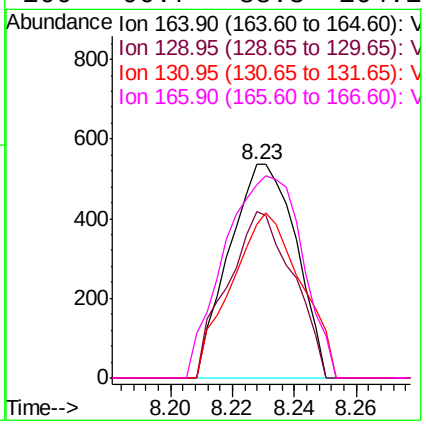


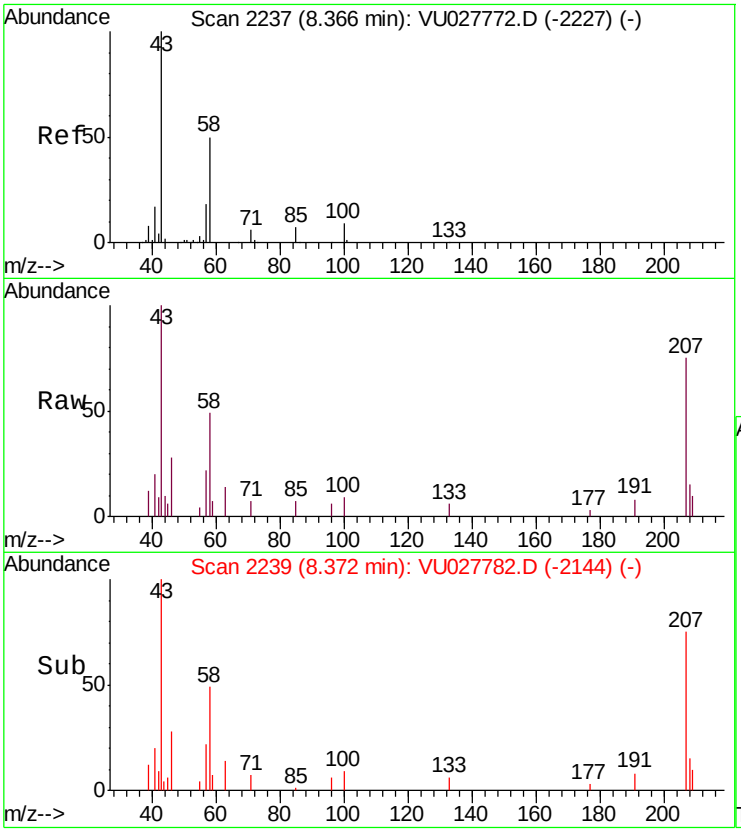


#47
Tetrachloroethene
Concen: 0.305 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:164 Resp: 807

Ion	Ratio	Lower	Upper
164	100		
129	78.2	65.6	121.8
131	72.0	65.0	120.8
166	90.7	88.3	164.1



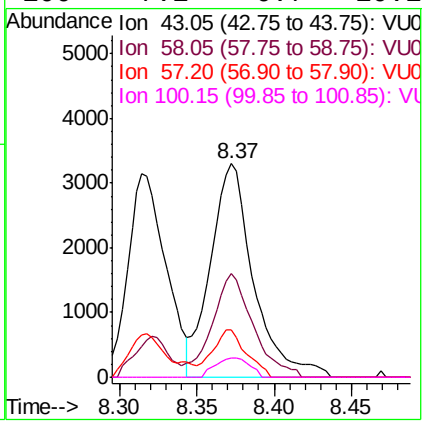


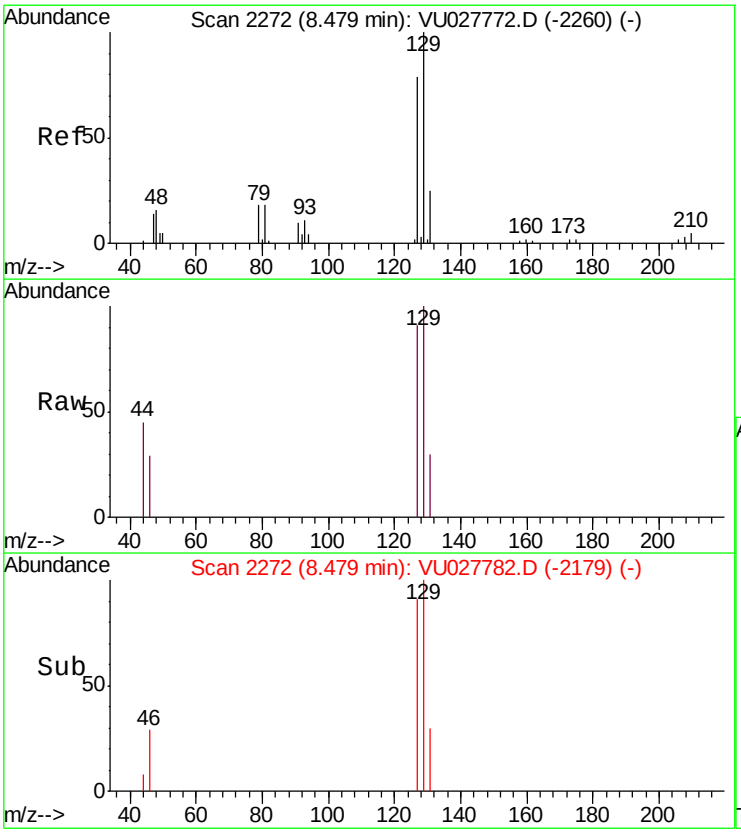
#48
2-Hexanone
Concen: 3.246 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 43 Resp: 6374

Ion	Ratio	Lower	Upper
43	100		
58	46.3	39.4	59.0
57	17.3	13.8	20.8
100	7.1	6.7	10.1

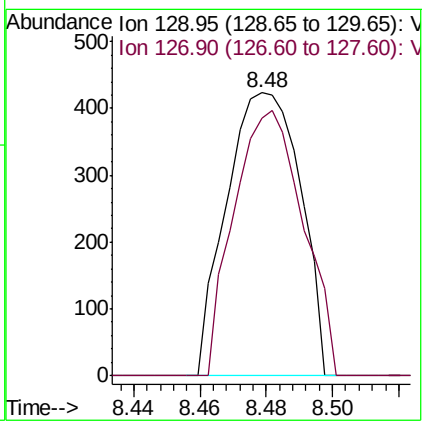


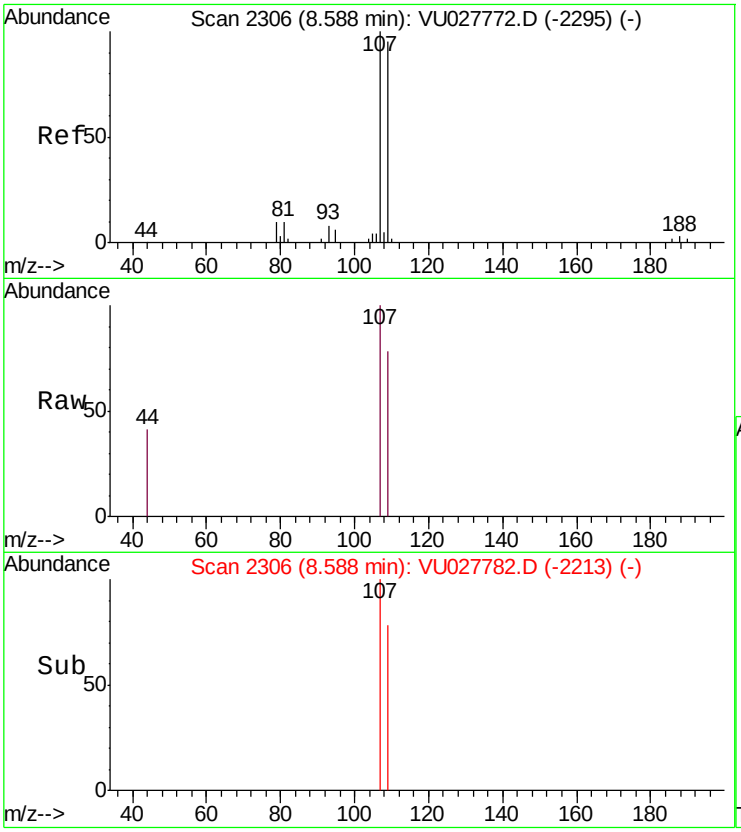


#49
Dibromochloromethane
Concen: 0.231 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:129 Resp: 657

Ion	Ratio	Lower	Upper
129	100		
127	91.3	55.2	102.4



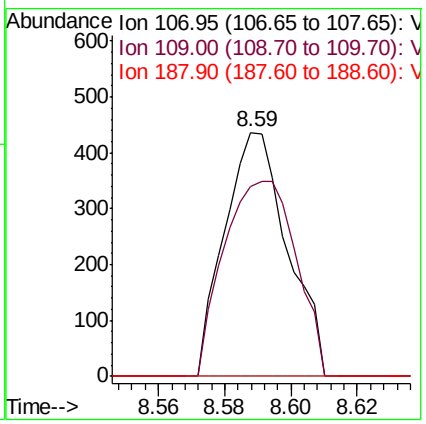


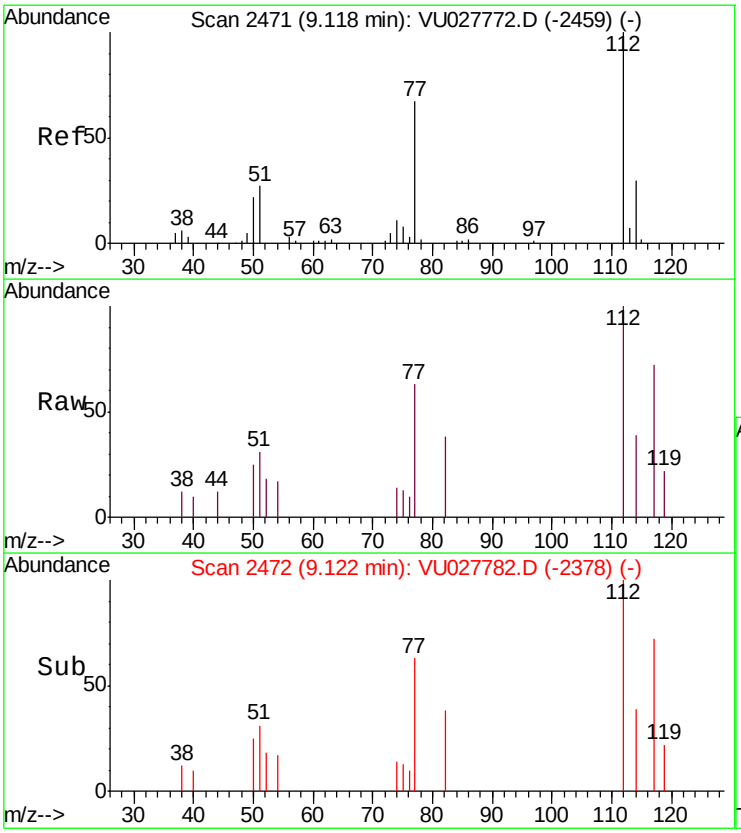
#50
1,2-Dibromoethane
Concen: 0.266 ug/L
RT: 8.59 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:107 Resp: 576

Ion	Ratio	Lower	Upper
107	100		
109	77.8	66.3	123.1
188	0.0	2.6	3.8#

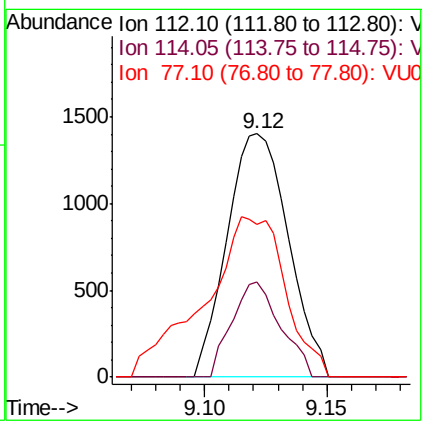


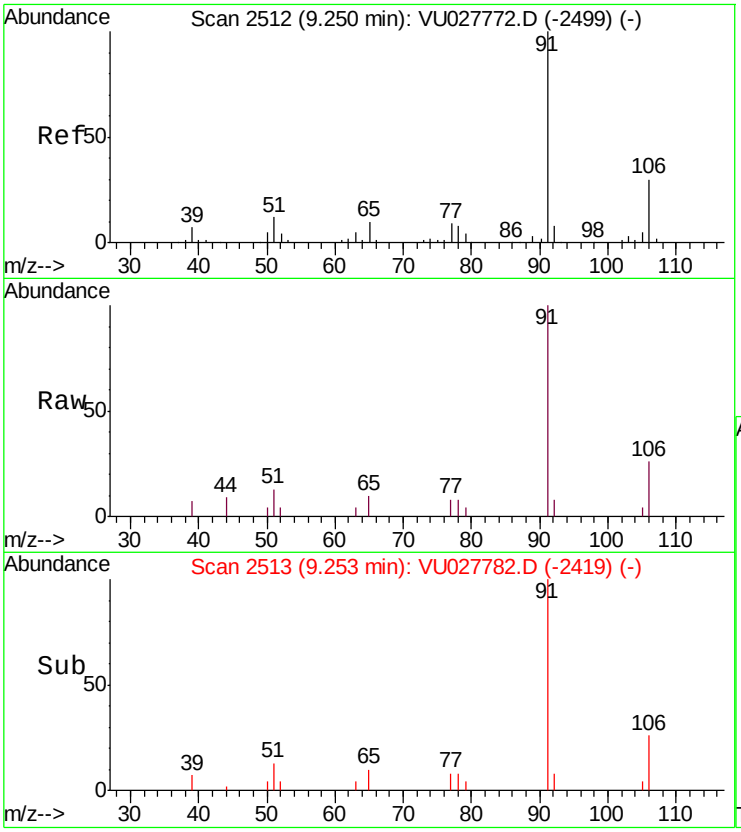


#51
Chlorobenzene
Concen: 0.293 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:112 Resp: 2447

Ion	Ratio	Lower	Upper
112	100		
114	39.1	21.2	39.4
77	62.7	54.2	81.4



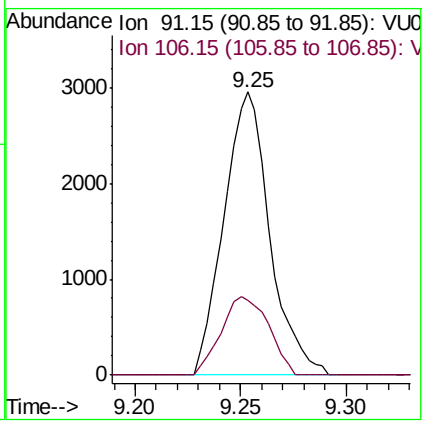


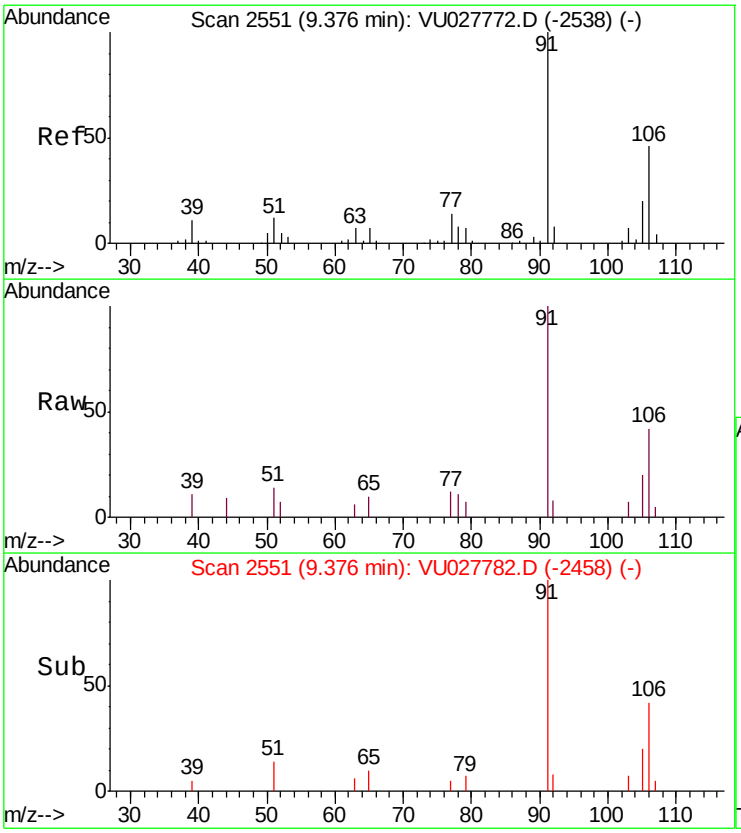
#52
Ethylbenzene
Concen: 0.283 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 91 Resp: 4456

Ion	Ratio	Lower	Upper
91	100		
106	26.5	20.6	38.4

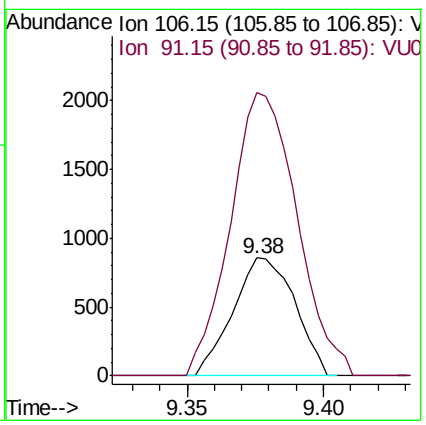


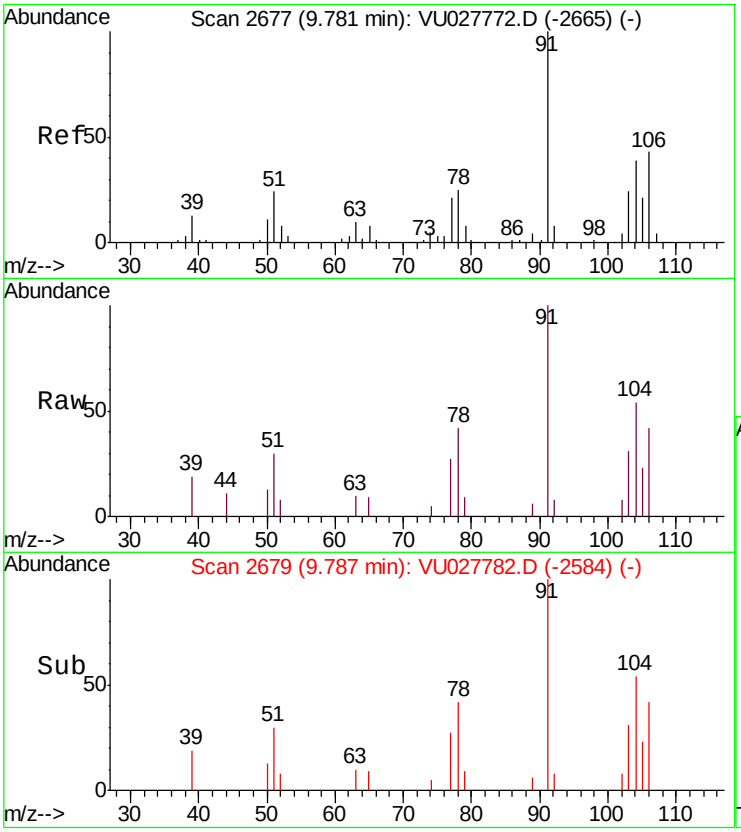


#53
m,p-xylene
Concen: 0.242 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:106 Resp: 1348

Ion	Ratio	Lower	Upper
106	100		
91	239.6	154.1	286.3



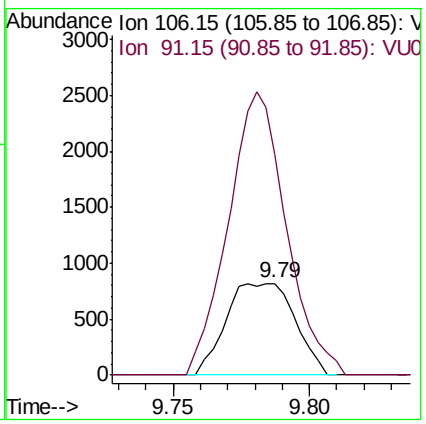


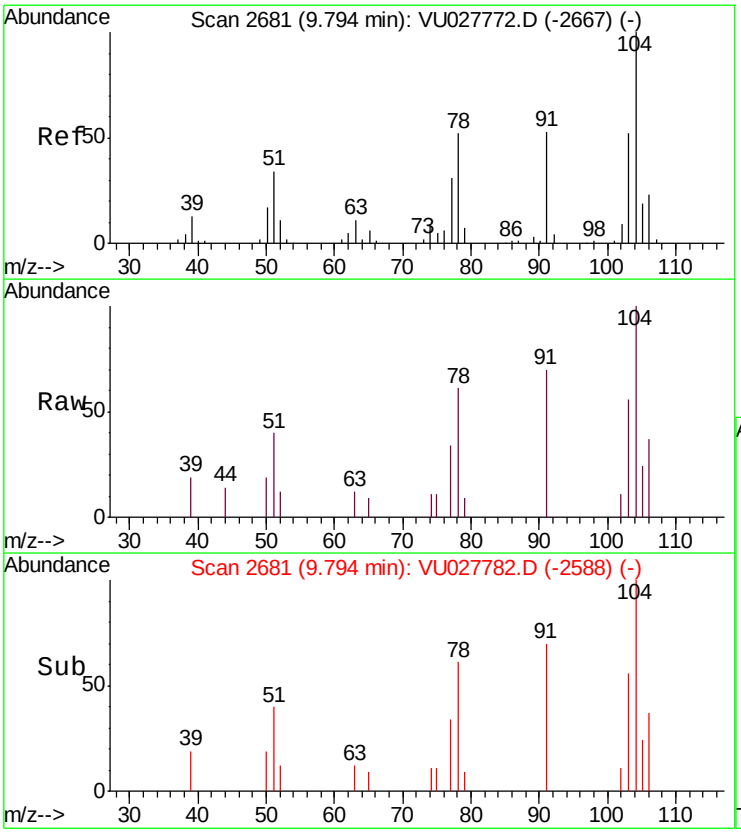
#54
o-xylene
Concen: 0.264 ug/L
RT: 9.79 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:106 Resp: 1437

Ion	Ratio	Lower	Upper
106	100		
91	240.4	161.3	299.7

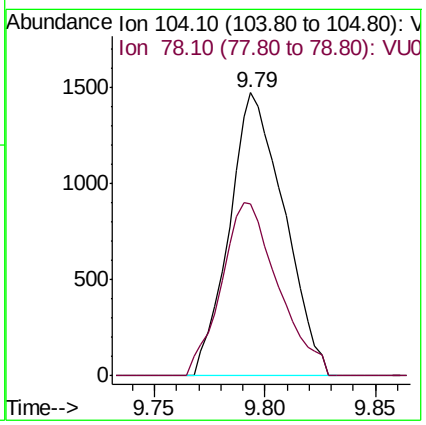


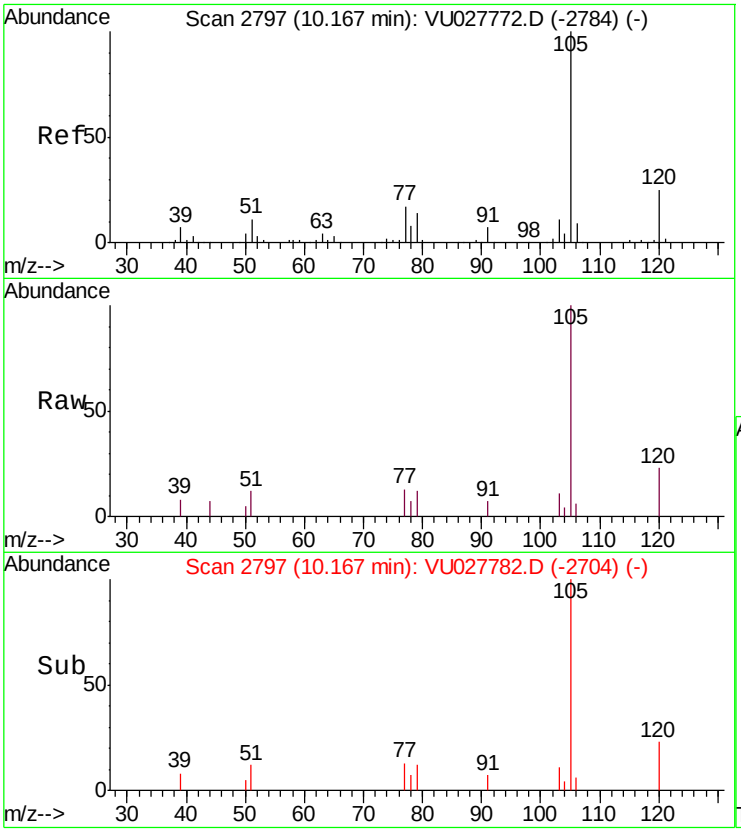


#55
Styrene
Concen: 0.276 ug/L
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:104 Resp: 2543

Ion	Ratio	Lower	Upper
104	100		
78	60.7	36.3	67.3



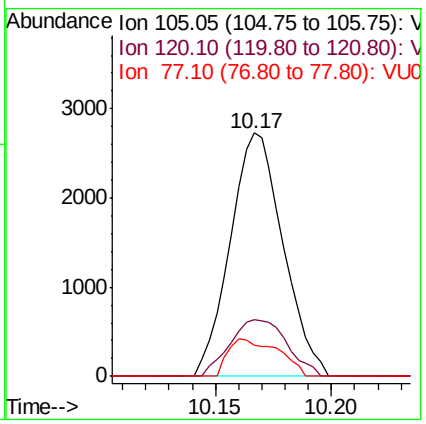


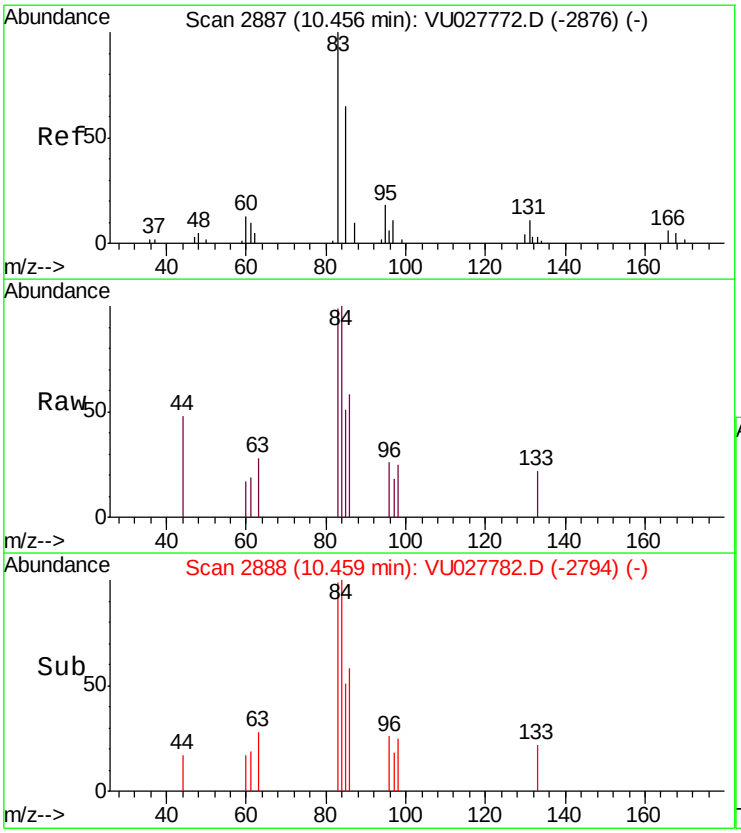
#56
Isopropylbenzene
Concen: 0.286 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:105 Resp: 4313

Ion	Ratio	Lower	Upper
105	100		
120	25.2	19.9	29.9
77	14.6	13.7	20.5

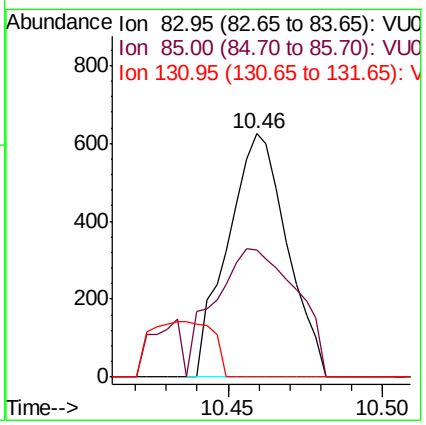


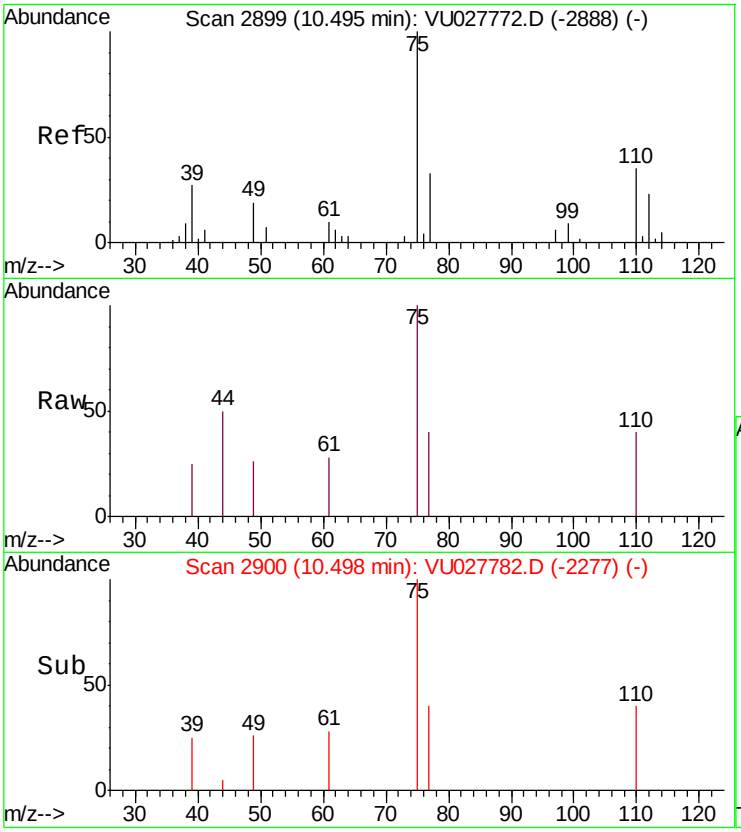


#58
1,1,2,2-Tetrachloroethane
Concen: 0.284 ug/L
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 83 Resp: 833

Ion	Ratio	Lower	Upper
83	100		
85	52.0	45.5	84.5
131	0.0	8.8	13.2#



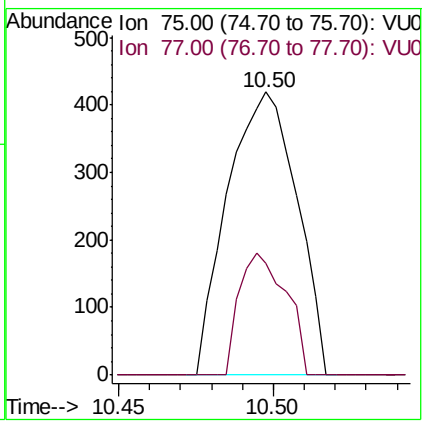


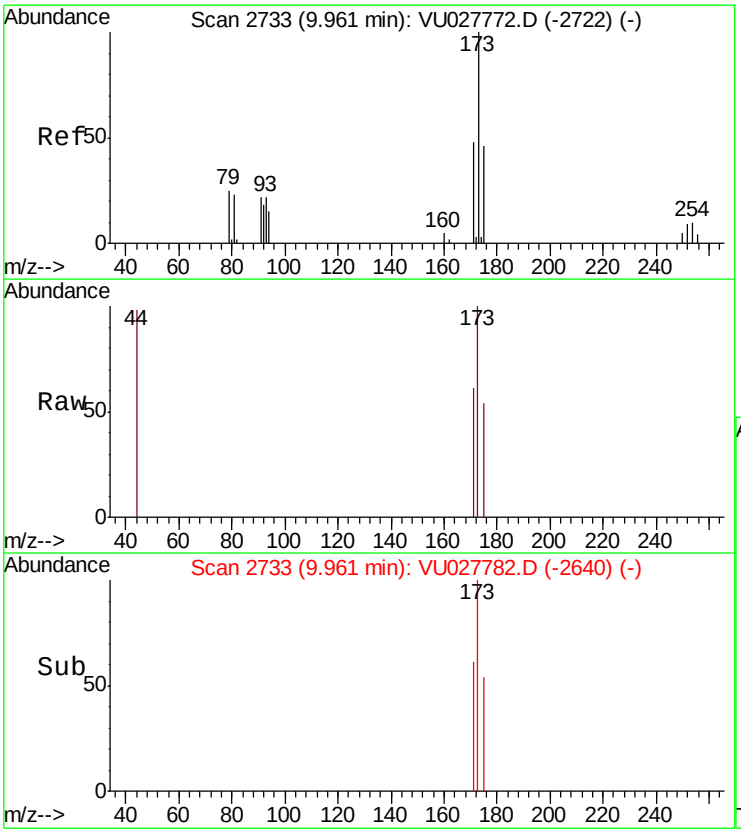
#59
1,2,3-Trichloropropane
Concen: 0.280 ug/L
RT: 10.50 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion: 75 Resp: 652

Ion	Ratio	Lower	Upper
75	100		
77	28.8	26.4	39.6

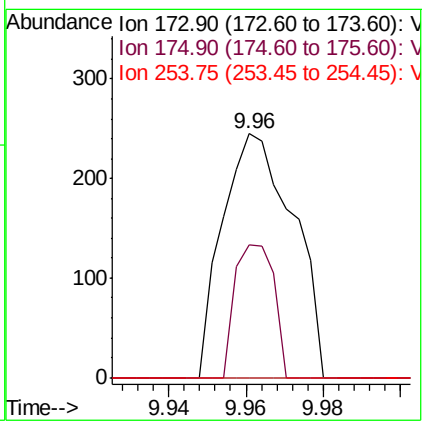


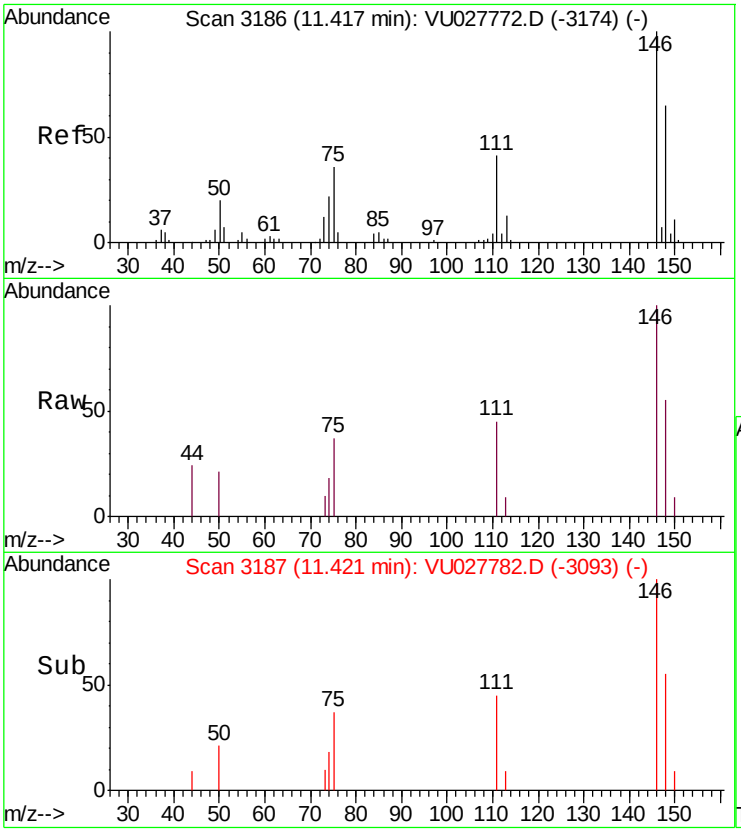


#61
Bromoform
Concen: 0.191 ug/L
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:173 Resp: 310

Ion	Ratio	Lower	Upper
173	100		
175	30.0	37.7	56.5#
254	0.0	7.2	10.8#



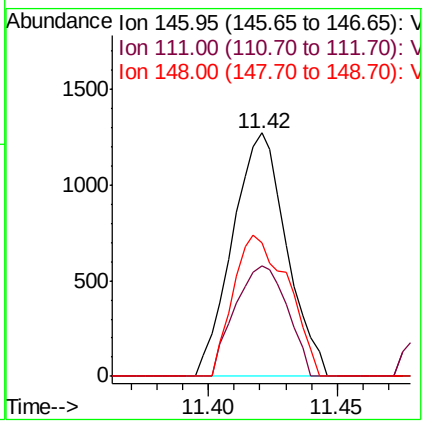


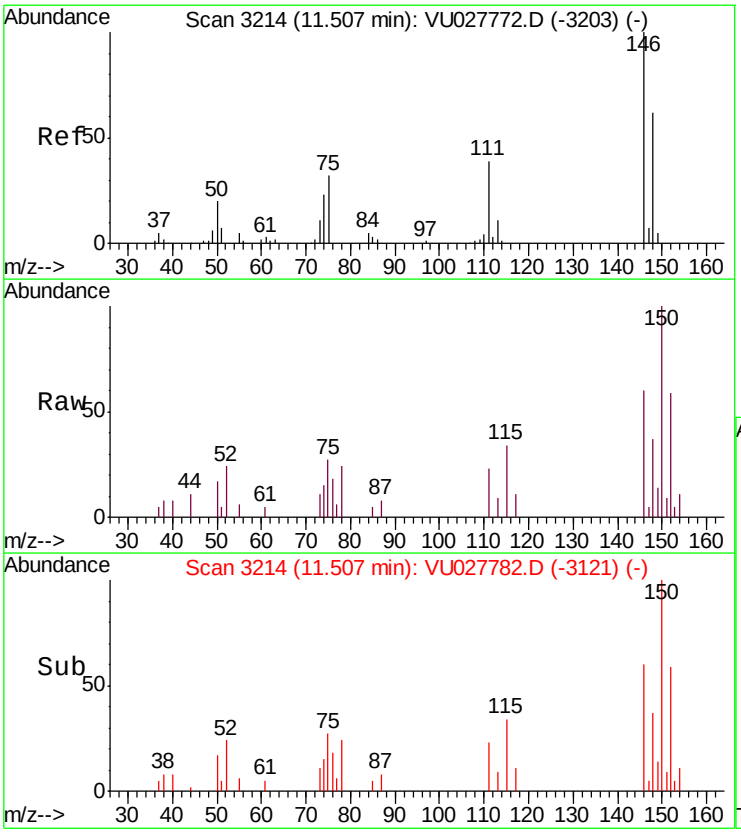
#62
1,3-Dichlorobenzene
Concen: 0.275 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:146 Resp: 1863

Ion	Ratio	Lower	Upper
146	100		
111	45.2	28.6	53.0
148	54.8	45.1	83.9

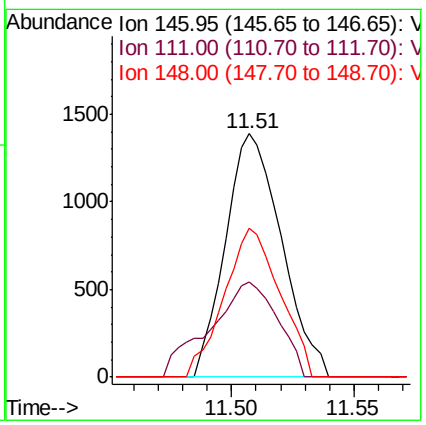


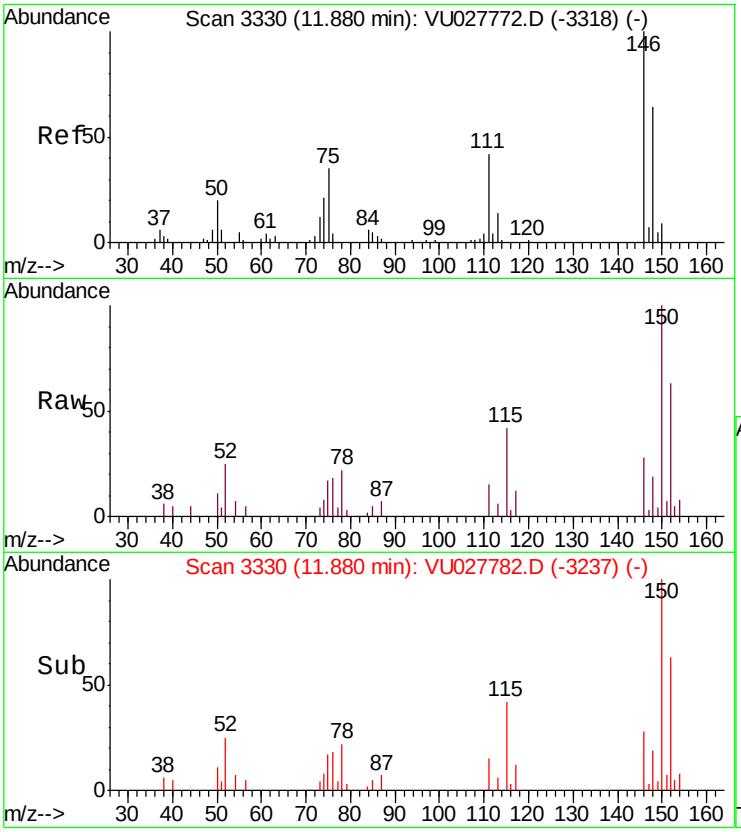


#63
1,4-Dichlorobenzene
Concen: 0.323 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:146 Resp: 2214

Ion	Ratio	Lower	Upper
146	100		
111	38.8	27.6	51.4
148	61.2	43.3	80.3



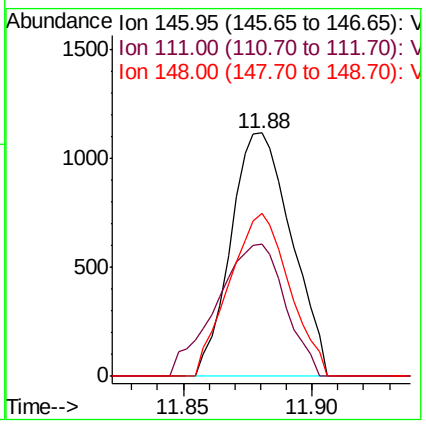


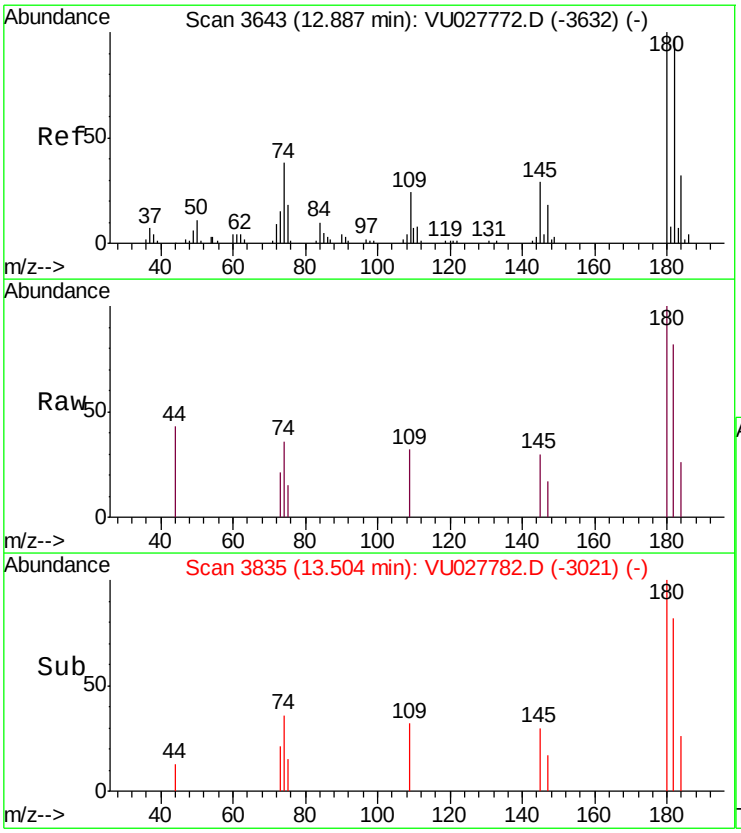
#65
1,2-Dichlorobenzene
Concen: 0.287 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion:146 Resp: 1827

Ion	Ratio	Lower	Upper
146	100		
111	54.3	33.7	50.5#
148	66.7	50.8	76.2

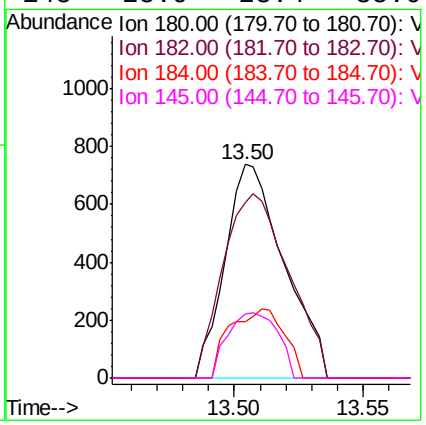


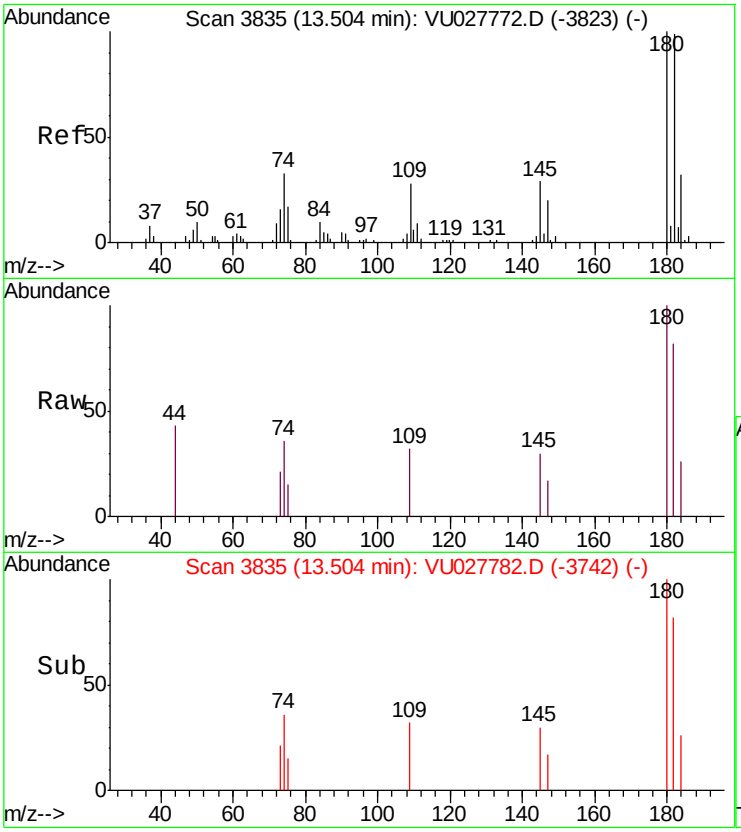


#67
1,3,5-Trichlorobenzene
Concen: 0.217 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.62 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:180 Resp: 1182

Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.9	118.3
184	29.9	24.6	37.0
145	25.9	23.4	35.0



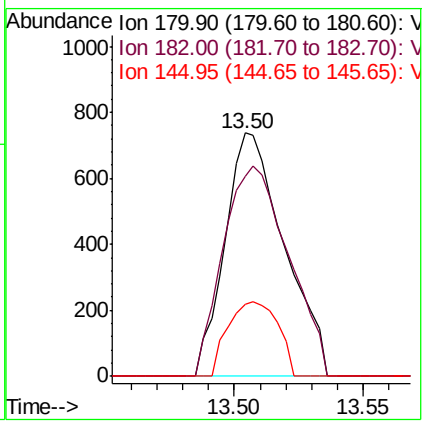


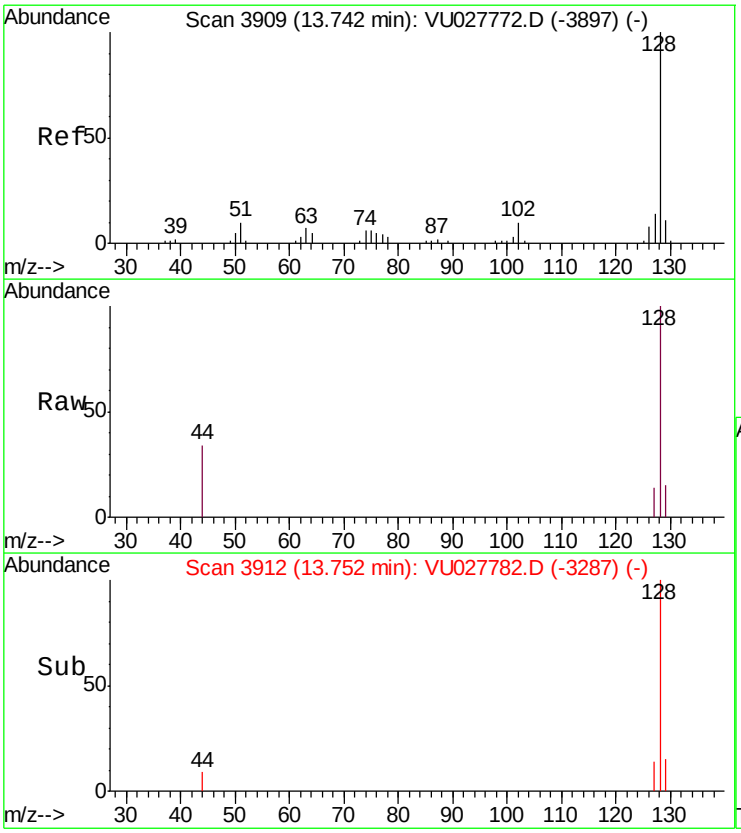
#68
1,2,4-trichlorobenzene
Concen: 0.250 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:180 Resp: 1182

Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.6	116.4
145	25.9	23.7	35.5

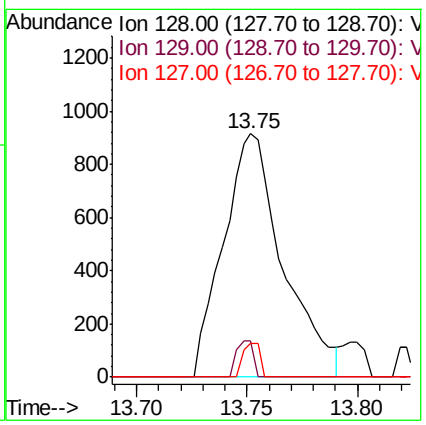


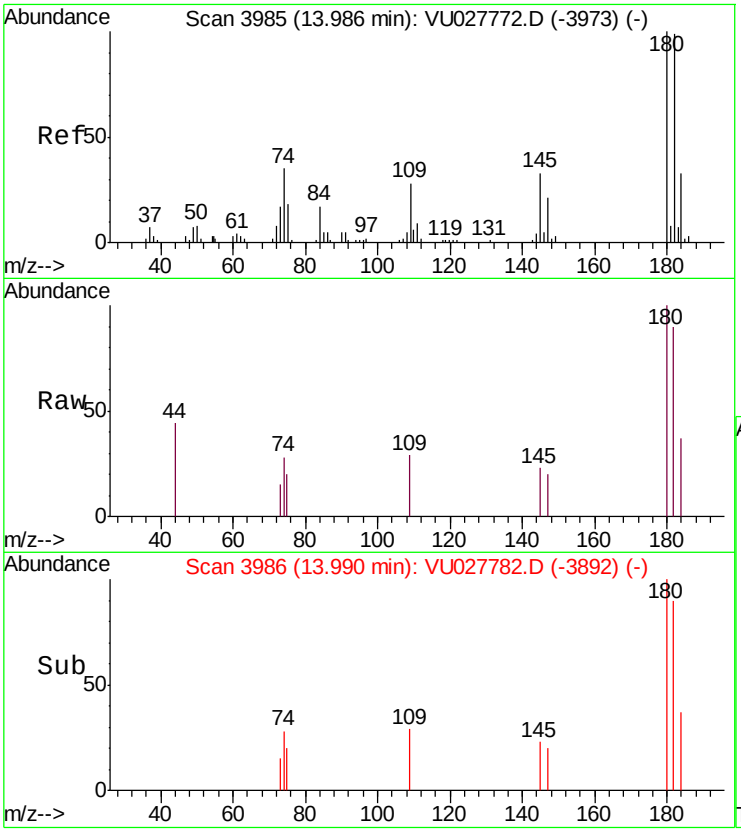


#69
Naphthalene
Concen: 0.224 ug/L
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:128 Resp: 1716

Ion	Ratio	Lower	Upper
128	100		
129	4.3	8.8	13.2#
127	4.0	10.7	16.1#





#70
1,2,3-Trichlorobenzene
Concen: 0.259 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:180 Resp: 1126

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.9	115.3
145	22.4	24.6	37.0#