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

Quantitation Report (Not Reviewed)

Data File : VU027787.D
Acq On : 24 Oct 2018 15:48
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL04

Quant Time: Oct 25 04:42:19 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	39805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	37340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19592	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	14808	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.68	69	11282	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.80%			
11) 1,1-Dichloroethene-d2	2.28	63	22311	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	4.21	46	50344	51.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.06%			
24) Chloroform-d	4.65	84	26822	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.31	65	16529	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.34	84	50788	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.33	67	18290	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.57	98	48063	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	7.85	79	7180	5.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.20%			
46) 2-Hexanone-d5	8.32	63	41949	53.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13527	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	17691	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	1432	0.371	ug/L #	88
3) Chloromethane	1.33	50	1673	0.386	ug/L	83
5) Vinyl chloride	1.40	62	1608	0.385	ug/L #	81
6) Bromomethane	1.63	94	918	0.429	ug/L	82
8) Chloroethane	1.70	64	961	0.426	ug/L	87
9) Trichlorofluoromethane	1.89	101	2231	0.404	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1304	0.468	ug/L	88
12) 1,1-Dichloroethene	2.29	96	1205	0.464	ug/L #	1
13) Acetone	2.35	43	3301	4.641	ug/L	90
14) Carbon disulfide	2.49	76	3254	0.365	ug/L	98
15) Methyl Acetate	2.63	43	1081	0.543	ug/L #	57
16) Methylene chloride	2.71	84	1639	0.536	ug/L	95
17) Methyl tert-butyl Ether	3.01	73	3117	0.375	ug/L #	92
18) trans-1,2-Dichloroethene	2.99	96	1104	0.397	ug/L	94
19) 1,1-Dichloroethane	3.45	63	2321	0.378	ug/L	97
21) 2-Butanone	4.30	43	4629	3.967	ug/L	80
22) cis-1,2-Dichloroethene	4.23	96	1236	0.374	ug/L	80

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

Quantitation Report (Not Reviewed)

Data File : VU027787.D
Acq On : 24 Oct 2018 15:48
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL04

Quant Time: Oct 25 04:42:19 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	397	0.297 ug/L	#	83
25) Chloroform	4.68	83	2645	0.427 ug/L		92
27) 1,2-Dichloroethane	5.41	62	1750	0.383 ug/L	#	79
29) 1,1,1-Trichloroethane	4.92	97	2104	0.392 ug/L		98
30) Cyclohexane	4.99	56	2279	0.379 ug/L		96
31) Carbon tetrachloride	5.13	117	1663	0.361 ug/L		92
33) Benzene	5.39	78	4786	0.386 ug/L		100
34) Trichloroethene	6.19	95	1316	0.409 ug/L		94
35) Methylcyclohexane	6.42	83	2210	0.411 ug/L		96
37) 1,2-Dichloropropane	6.44	63	1387	0.381 ug/L	#	90
38) Bromodichloromethane	6.76	83	1708	0.393 ug/L	#	88
39) cis-1,3-Dichloropropene	7.28	75	2008	0.385 ug/L		98
40) 4-Methyl-2-pentanone	7.47	43	11295	4.147 ug/L	#	93
42) Toluene	7.64	91	5318	0.398 ug/L		97
44) trans-1,3-Dichloropropene	7.89	75	1913	0.435 ug/L		96
45) 1,1,2-Trichloroethane	8.08	97	840	0.382 ug/L		93
47) Tetrachloroethene	8.23	164	1081	0.414 ug/L		90
48) 2-Hexanone	8.37	43	8878	4.587 ug/L	#	96
49) Dibromochloromethane	8.48	129	957	0.342 ug/L		85
50) 1,2-Dibromoethane	8.59	107	843	0.394 ug/L	#	89
51) Chlorobenzene	9.12	112	3225	0.392 ug/L		95
52) Ethylbenzene	9.25	91	6021	0.389 ug/L		94
53) m,p-xylene	9.38	106	2107	0.384 ug/L		91
54) o-xylene	9.78	106	2113	0.394 ug/L		86
55) Styrene	9.79	104	3248	0.358 ug/L		98
56) Isopropylbenzene	10.17	105	5565	0.375 ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.46	83	1043	0.361 ug/L	#	79
59) 1,2,3-Trichloropropane	10.50	75	819	0.357 ug/L		95
61) Bromoform	9.96	173	507	0.308 ug/L	#	92
62) 1,3-Dichlorobenzene	11.42	146	2639	0.383 ug/L		98
63) 1,4-Dichlorobenzene	11.51	146	2487	0.357 ug/L		94
65) 1,2-Dichlorobenzene	11.88	146	2502	0.386 ug/L		91
66) 1,2-Dibromo-3-chloropropan	12.66	75	128	0.248 ug/L	#	13
67) 1,3,5-Trichlorobenzene	12.89	180	2066	0.374 ug/L		92
68) 1,2,4-trichlorobenzene	13.50	180	1622	0.338 ug/L	#	95
69) Naphthalene	13.75	128	2269	0.291 ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.99	180	1625	0.367 ug/L	#	90

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

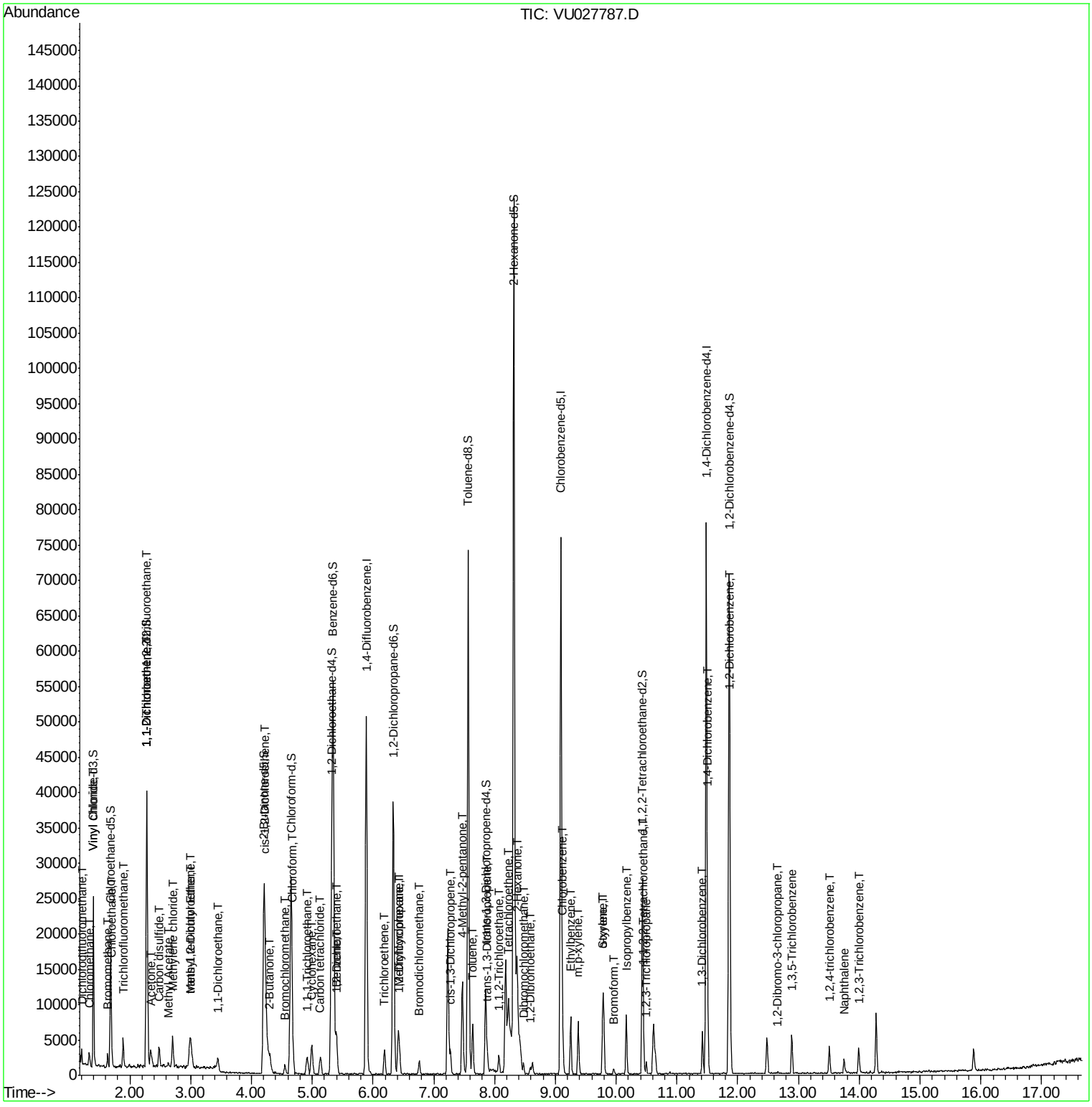
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

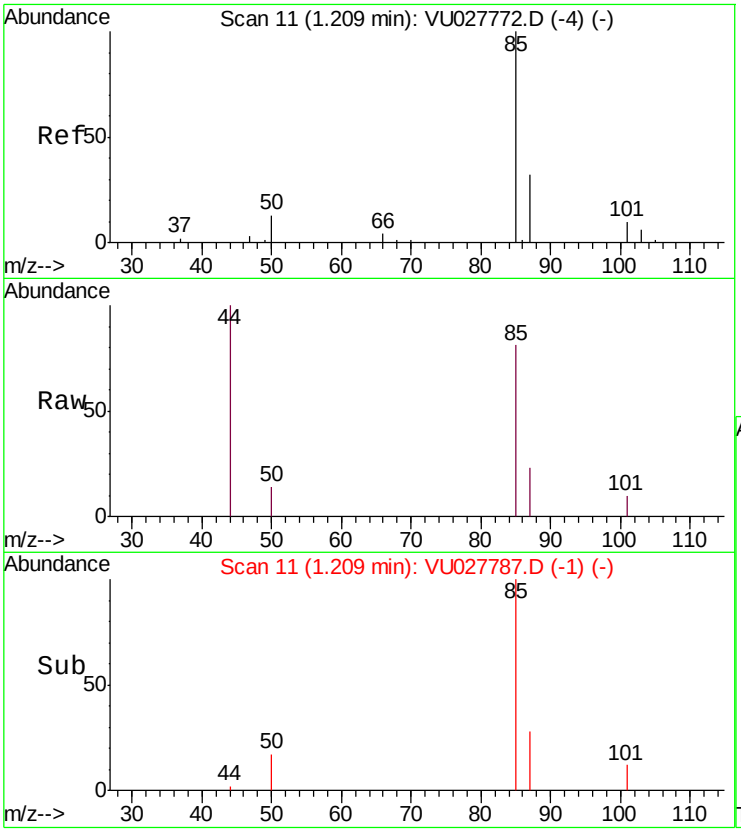
Quantitation Report (Not Reviewed)

Data File : VU027787.D
Acq On : 24 Oct 2018 15:48
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Quant Time: Oct 25 04:42:19 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



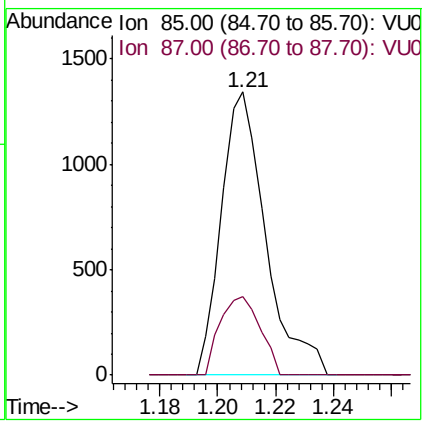


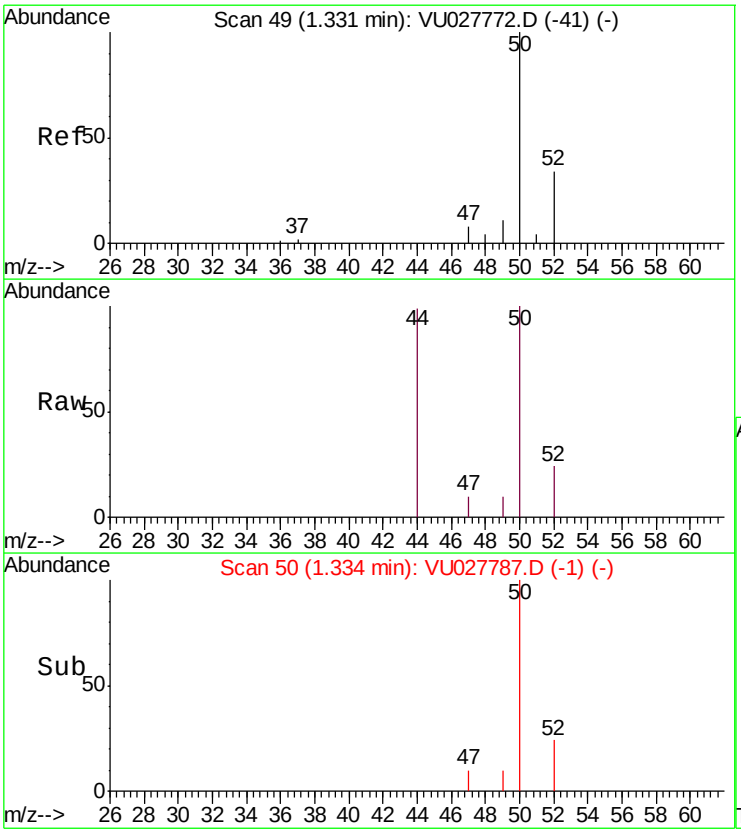
#2
Dichlorodifluoromethane
Concen: 0.371 ug/L
RT: 1.21 min Scan# 11
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 85 Resp: 1432

Ion	Ratio	Lower	Upper
85	100		
87	25.0	25.4	38.0#

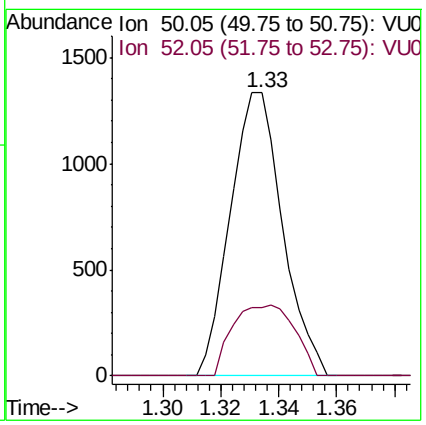


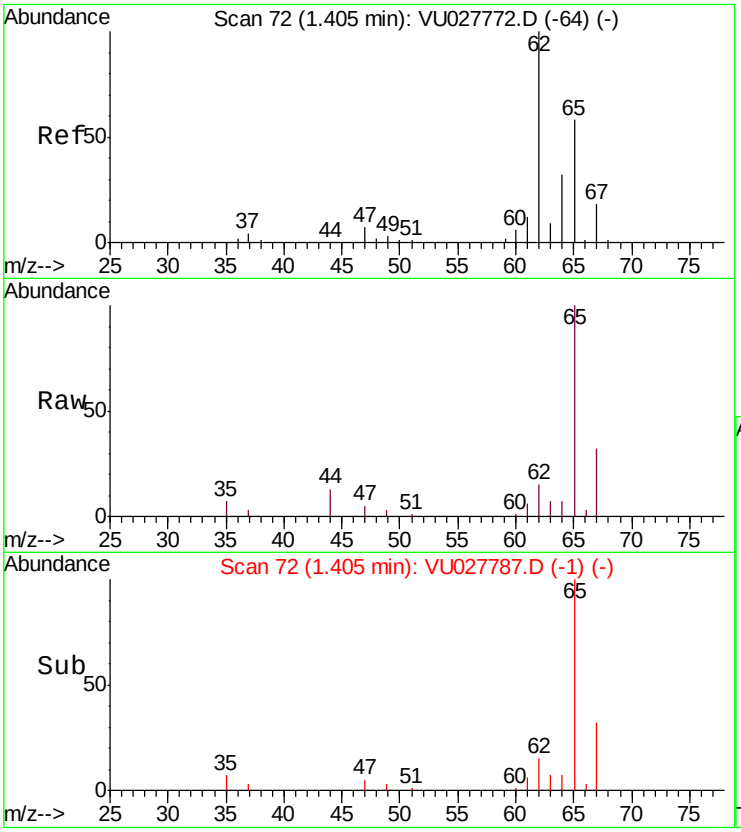


#3
Chloromethane
Concen: 0.386 ug/L
RT: 1.33 min Scan# 50
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 50 Resp: 1673

Ion	Ratio	Lower	Upper
50	100		
52	24.3	23.7	43.9



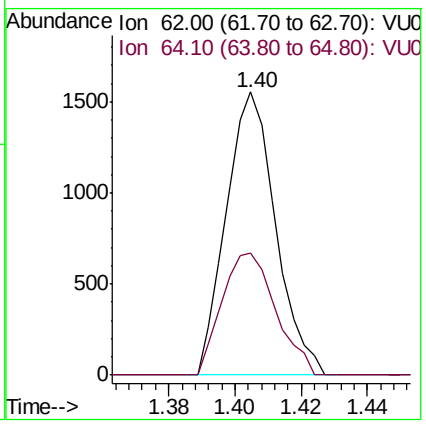


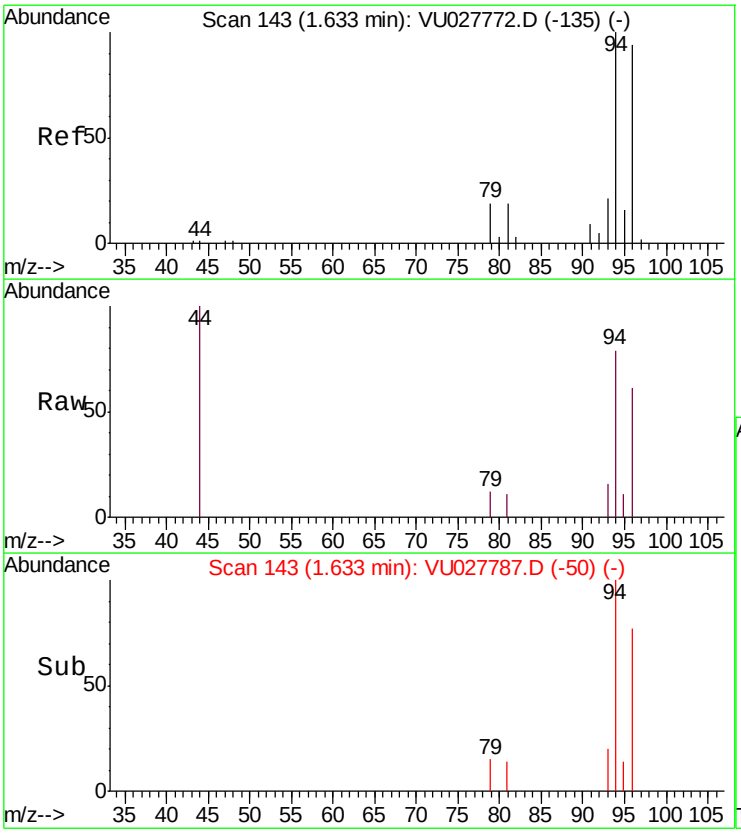
#5
Vinyl chloride
Concen: 0.385 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 62 Resp: 1608

Ion	Ratio	Lower	Upper
62	100		
64	43.2	22.7	42.1#

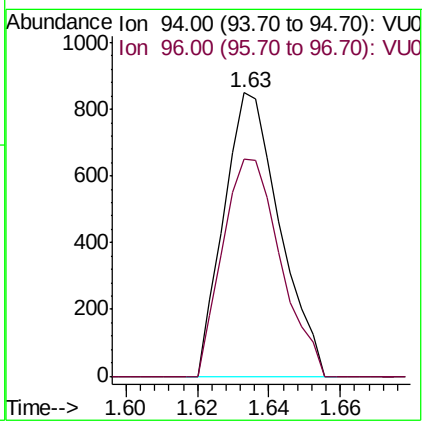


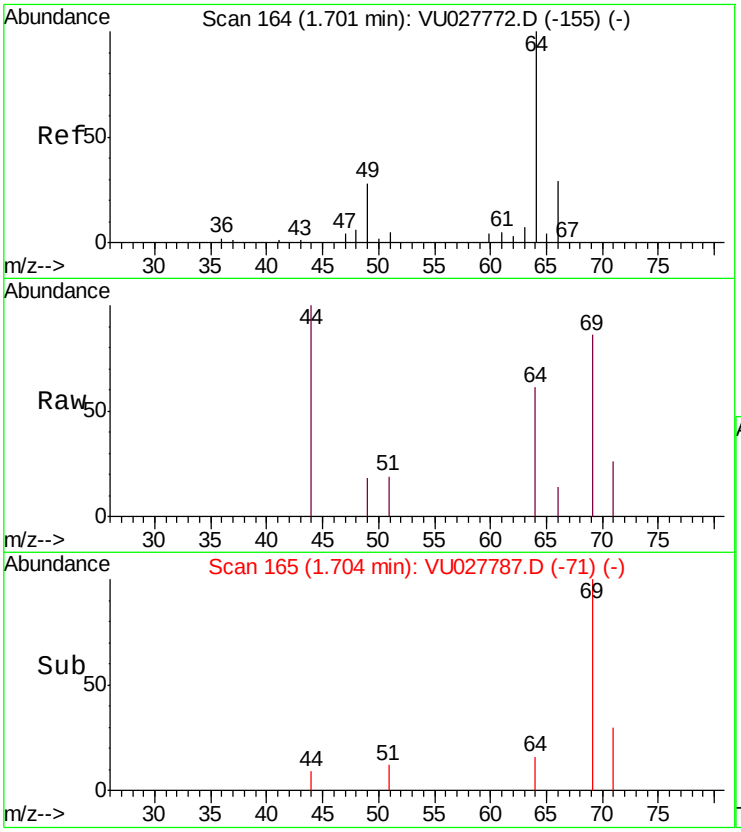


#6
Bromomethane
Concen: 0.429 ug/L
RT: 1.63 min Scan# 143
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 94 Resp: 918

Ion	Ratio	Lower	Upper
94	100		
96	76.6	65.5	121.7



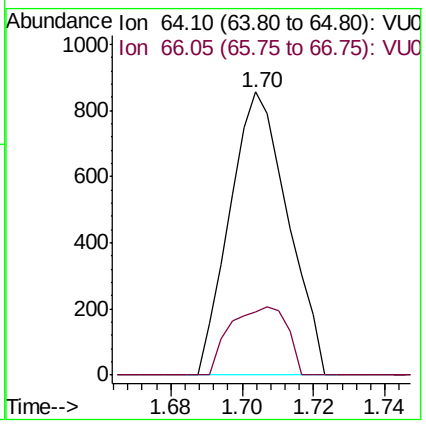


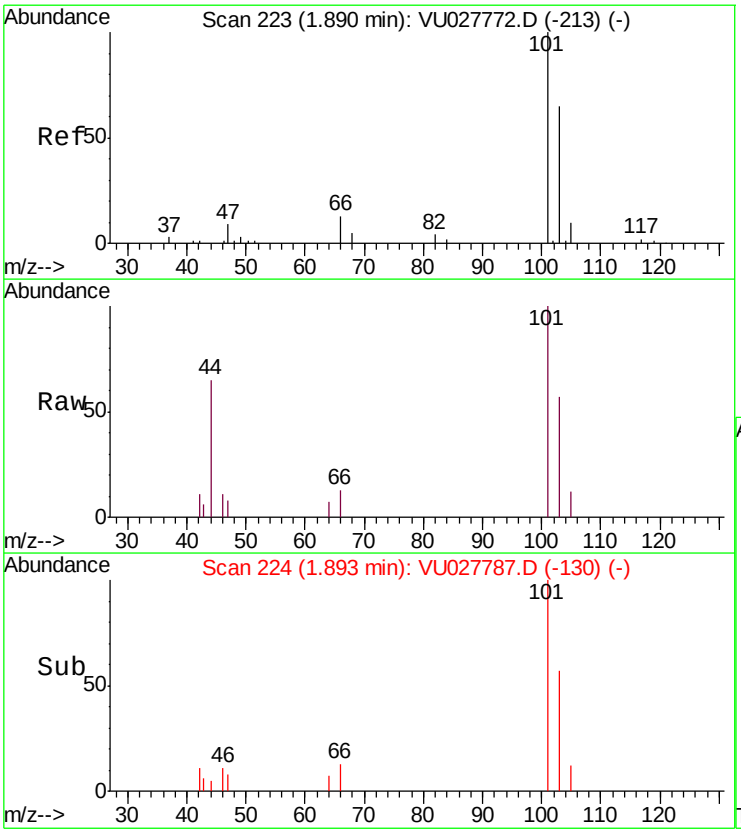
#8
Chloroethane
Concen: 0.426 ug/L
RT: 1.70 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument : MSVOA_U
ClientSampleId : MDL04

Tgt Ion: 64 Resp: 961

Ion	Ratio	Lower	Upper
64	100		
66	22.1	20.3	37.7

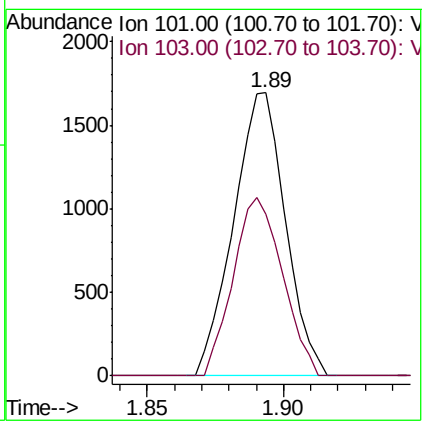


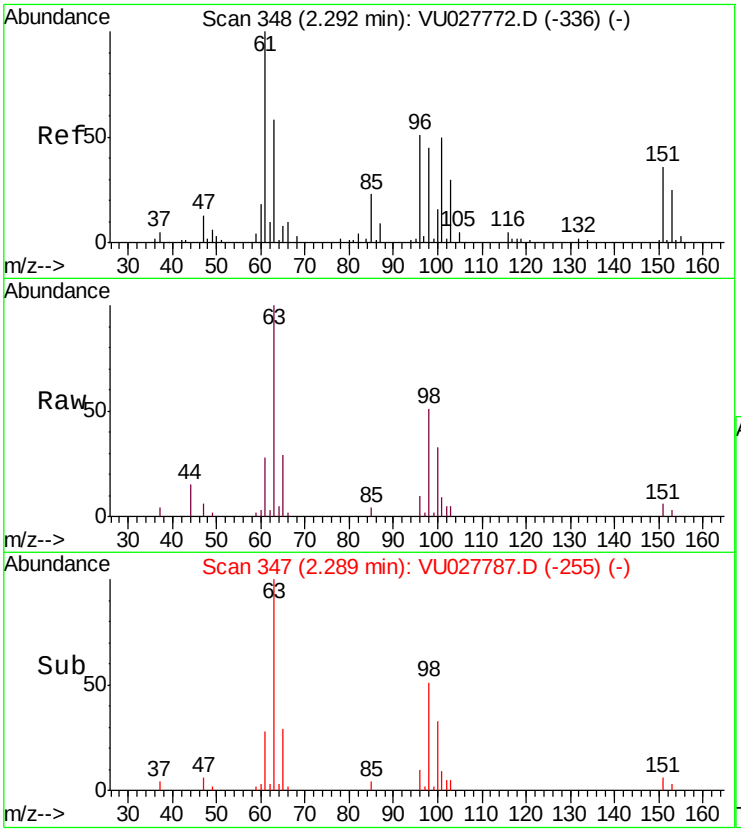


#9
Trichlorofluoromethane
Concen: 0.404 ug/L
RT: 1.89 min Scan# 224
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:101 Resp: 2231

Ion	Ratio	Lower	Upper
101	100		
103	60.0	51.0	76.4



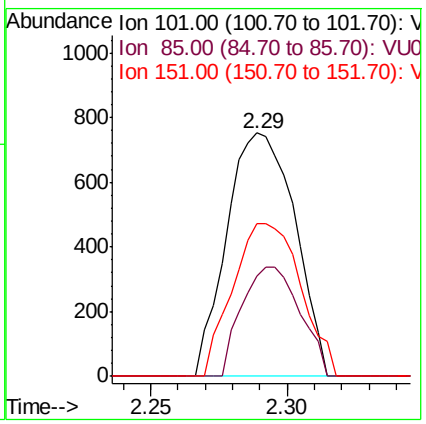


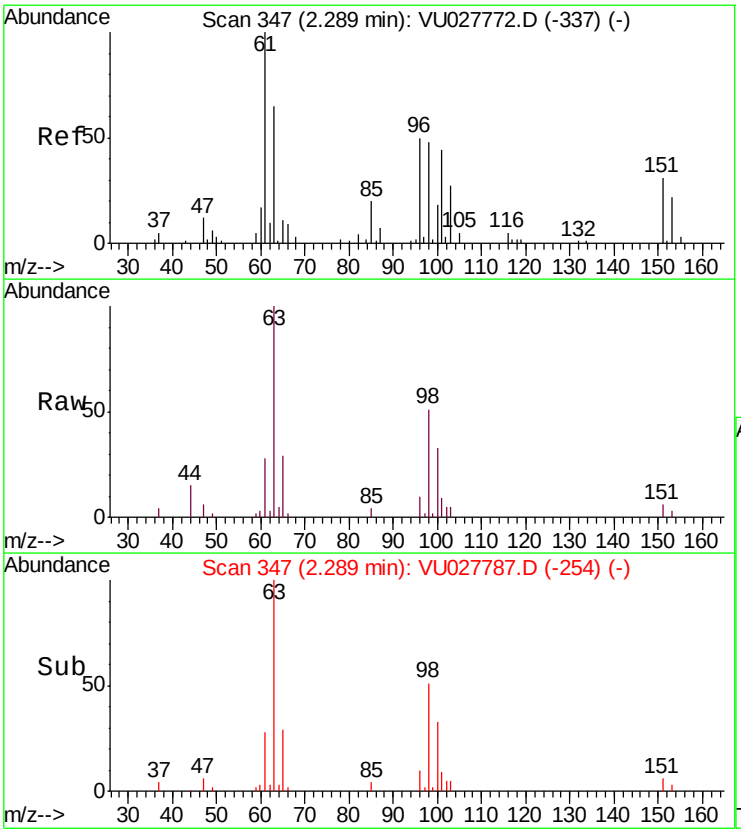
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.468 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 1304

Ion	Ratio	Lower	Upper
101	100		
85	38.3	38.1	57.1
151	62.6	57.0	85.4

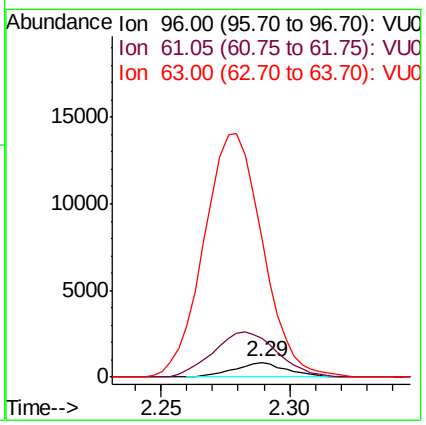


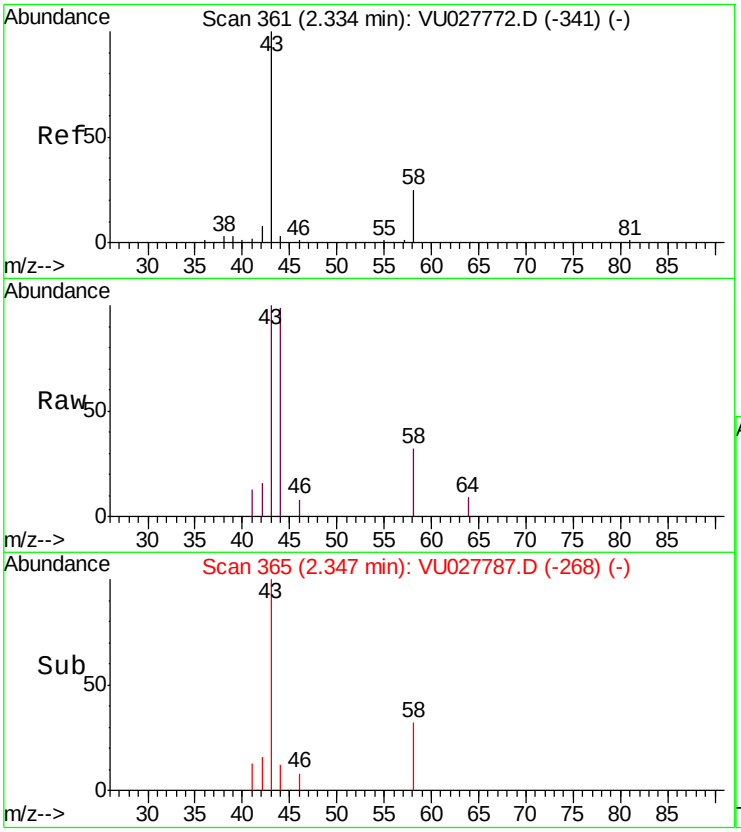


#12
1,1-Dichloroethene
Concen: 0.464 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 96 Resp: 1205

Ion	Ratio	Lower	Upper
96	100		
61	265.9	143.8	267.0
63	953.1	105.1	195.3#



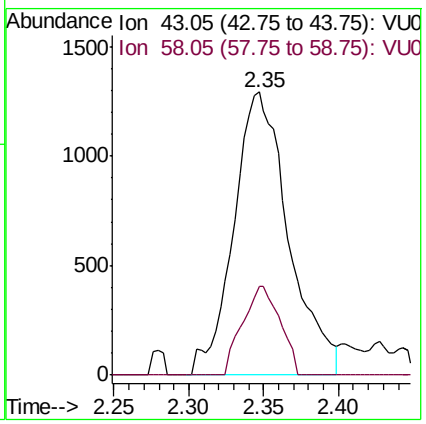


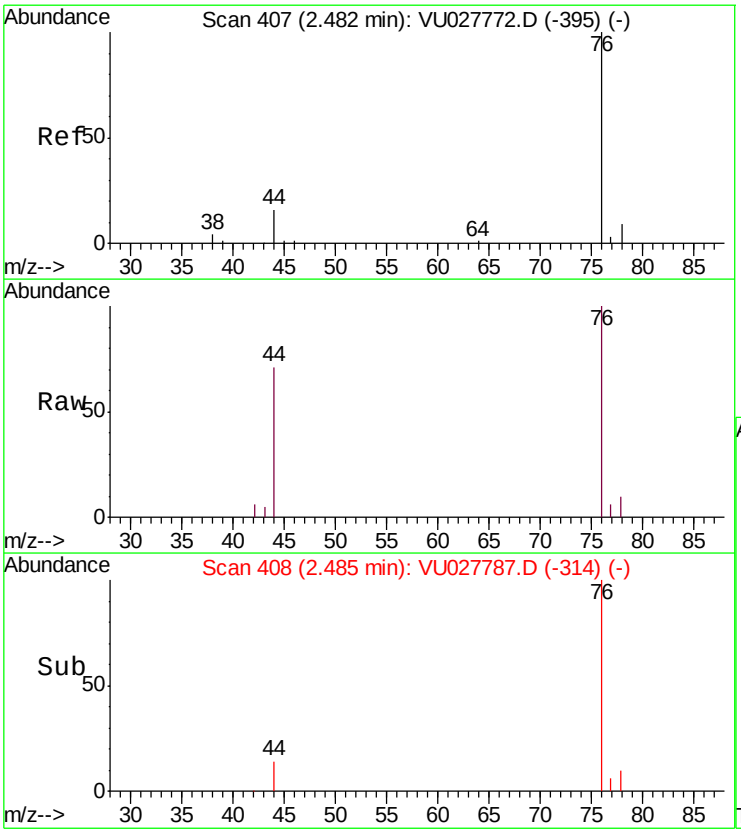
#13
Acetone
Concen: 4.641 ug/L
RT: 2.35 min Scan# 365
Delta R.T. 0.01 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 3301

Ion	Ratio	Lower	Upper
43	100		
58	21.3	0.0	52.8

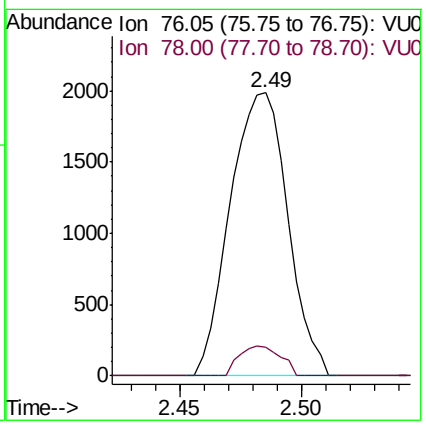


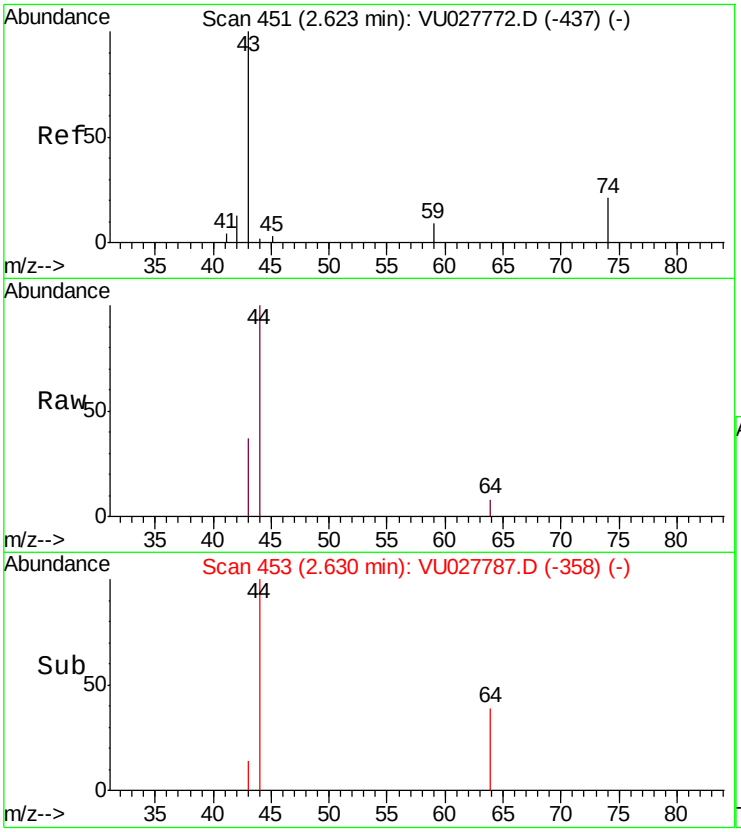


#14
Carbon disulfide
Concen: 0.365 ug/L
RT: 2.49 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 76 Resp: 3254

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.0



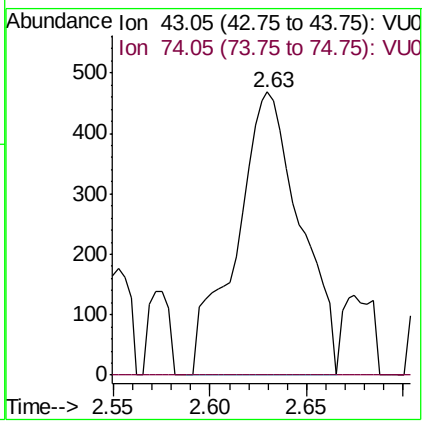


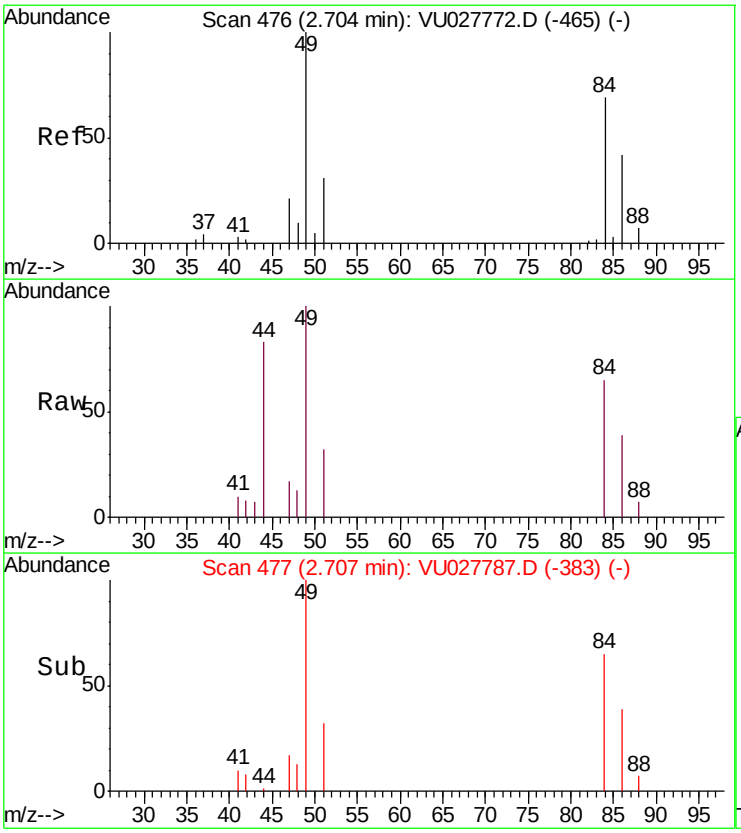
#15
Methyl Acetate
Concen: 0.543 ug/L
RT: 2.63 min Scan# 453
Delta R.T. 0.01 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 1081

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.8	23.8#

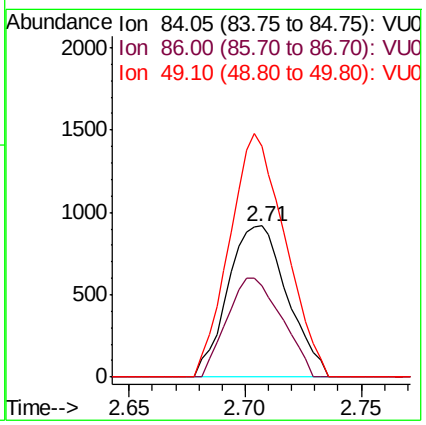


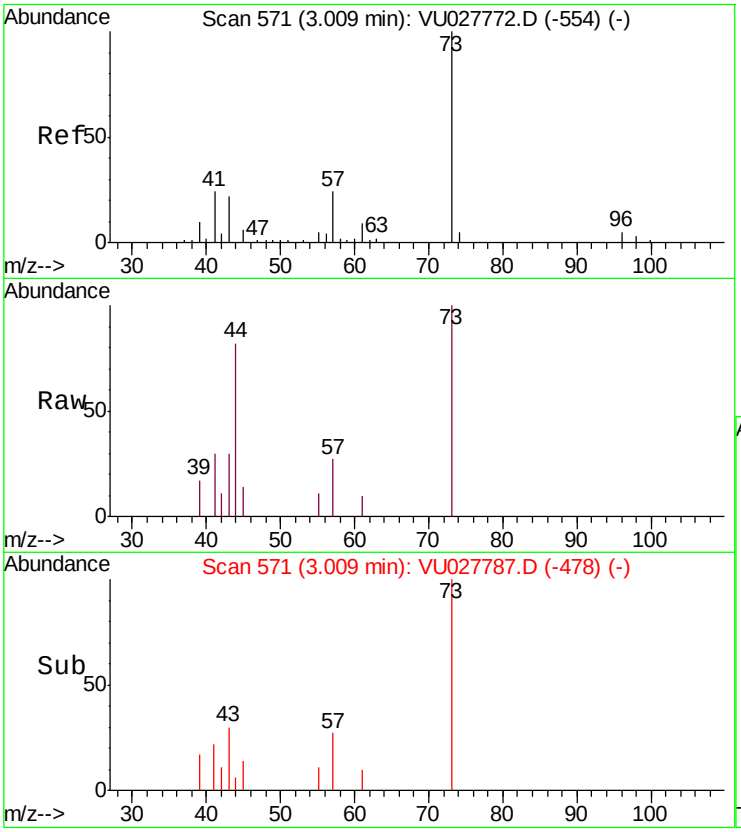


#16
Methylene chloride
Concen: 0.536 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 84 Resp: 1639

Ion	Ratio	Lower	Upper
84	100		
86	60.4	42.8	79.4
49	152.9	101.4	188.4



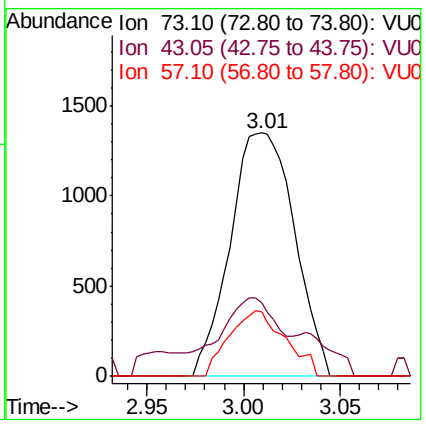


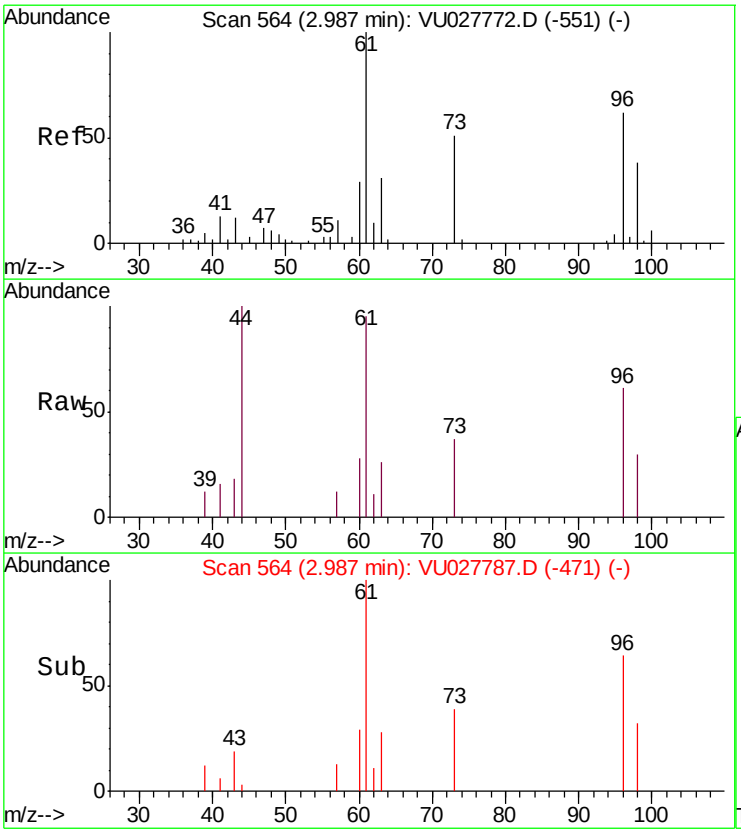
#17
Methyl tert-butyl Ether
Concen: 0.375 ug/L
RT: 3.01 min Scan# 571
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 73 Resp: 3117

Ion	Ratio	Lower	Upper
73	100		
43	16.5	18.6	28.0#
57	23.5	18.2	27.2

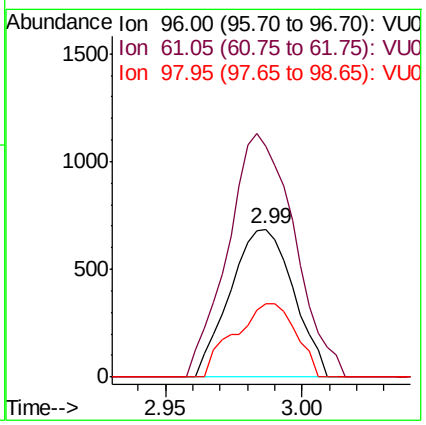


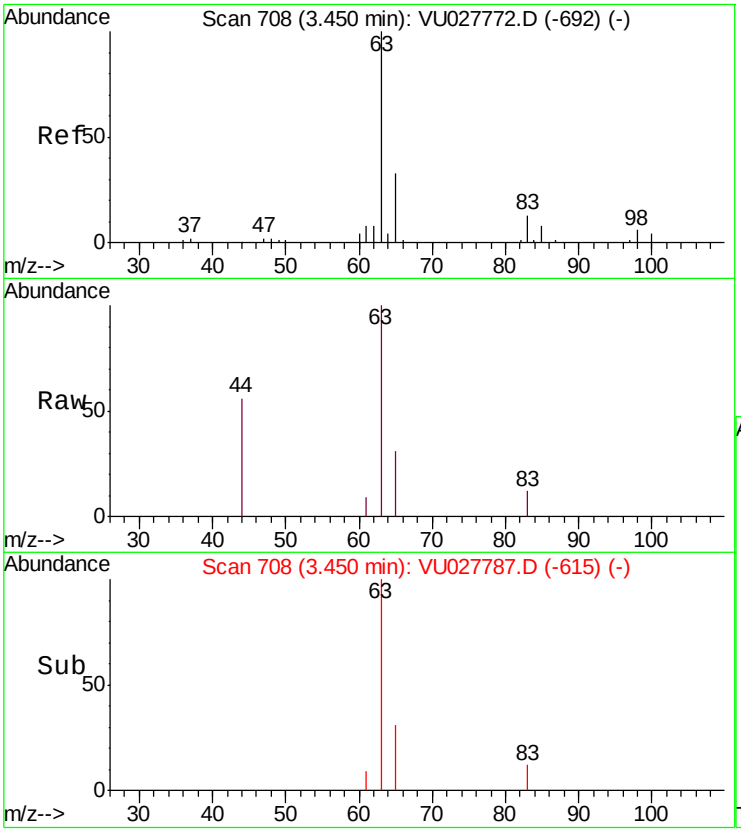


#18
trans-1,2-Dichloroethene
Concen: 0.397 ug/L
RT: 2.99 min Scan# 564
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 96 Resp: 1104

Ion	Ratio	Lower	Upper
96	100		
61	156.1	112.1	208.3
98	50.0	42.1	78.3



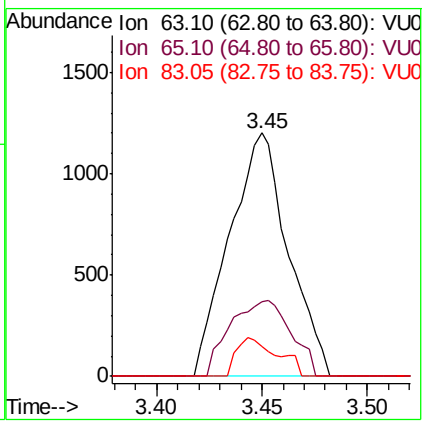


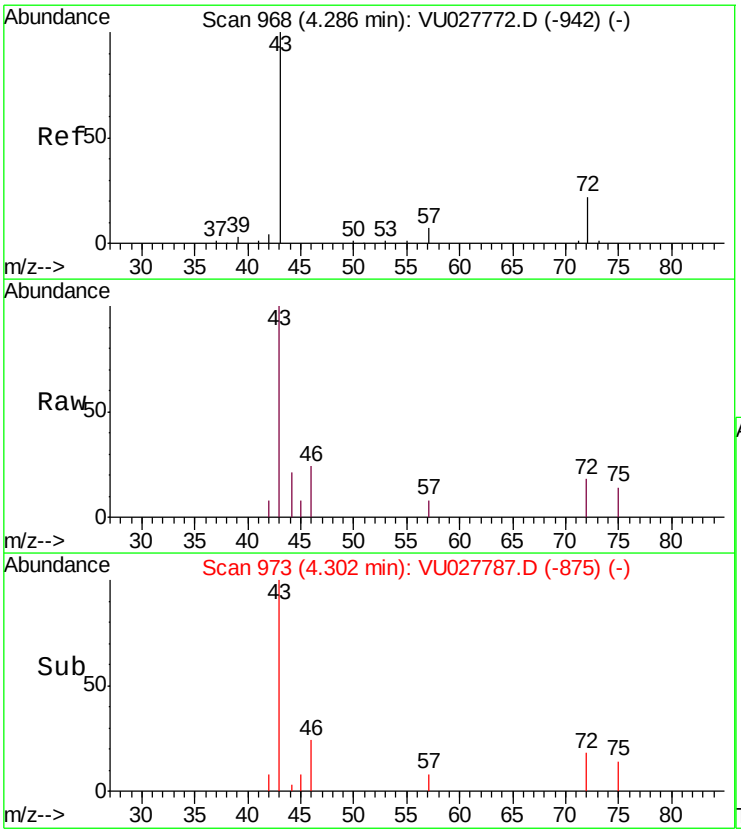
#19
1,1-Dichloroethane
Concen: 0.378 ug/L
RT: 3.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 2321

Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.1	42.9
83	12.4	9.2	17.0

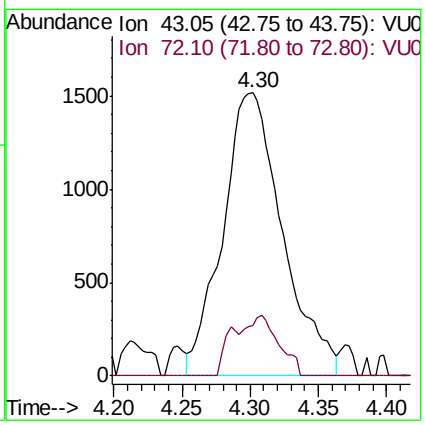


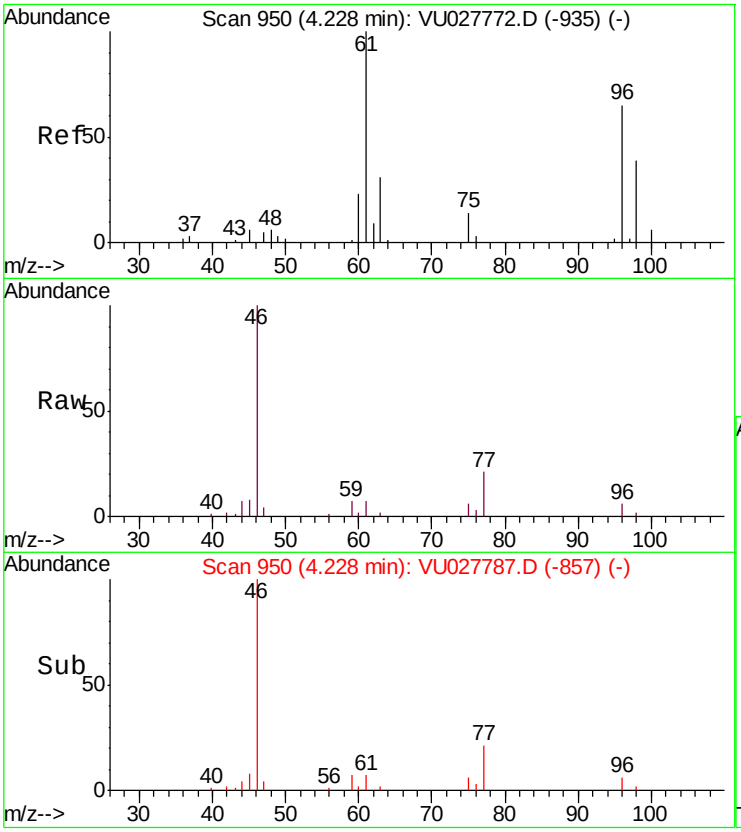


#21
2-Butanone
Concen: 3.967 ug/L
RT: 4.30 min Scan# 973
Delta R.T. 0.02 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 43 Resp: 4629

Ion	Ratio	Lower	Upper
43	100		
72	11.7	10.5	31.6



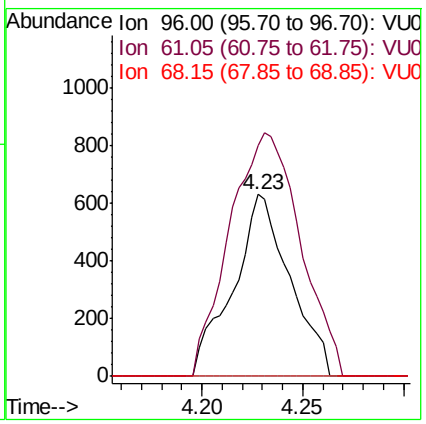


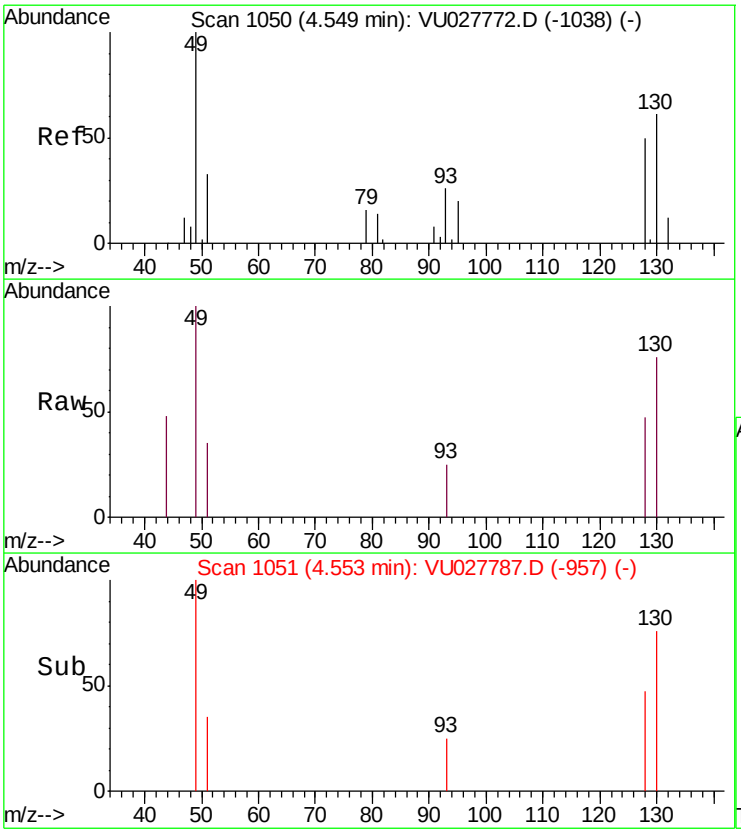
#22
cis-1,2-Dichloroethene
Concen: 0.374 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 96 Resp: 1236

Ion	Ratio	Lower	Upper
96	100		
61	126.9	107.2	199.0
68	0.0	0.0	0.0

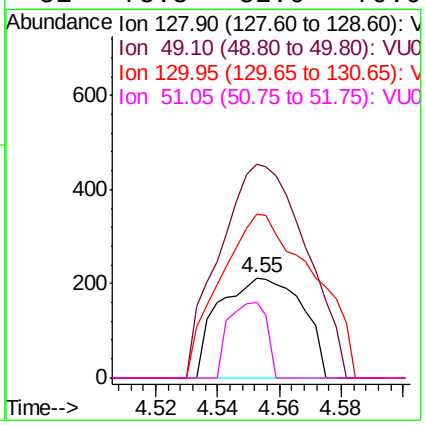


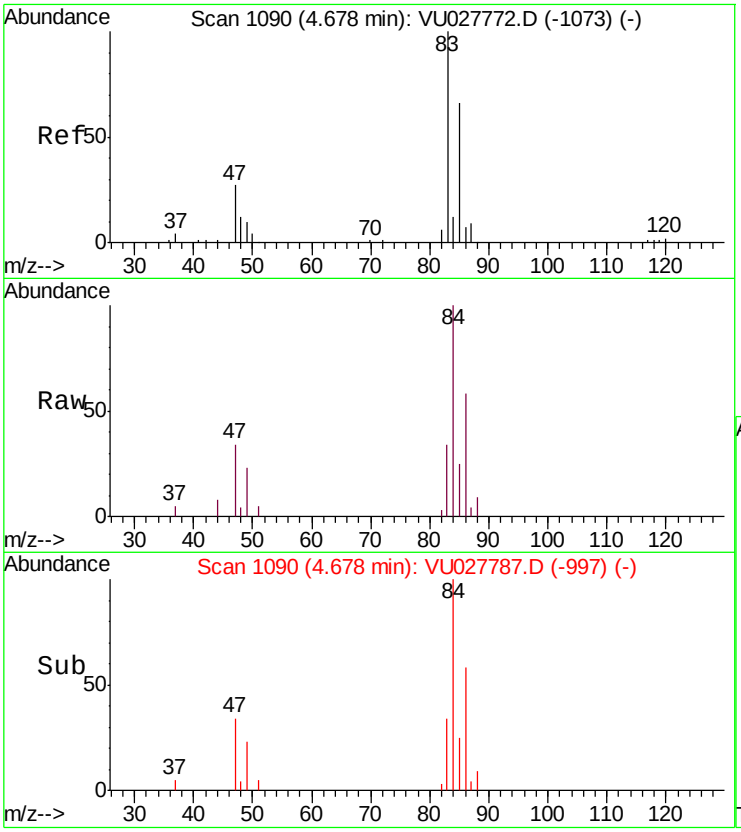


#23
Bromochloromethane
Concen: 0.297 ug/L
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:128 Resp: 397

Ion	Ratio	Lower	Upper
128	100		
49	214.2	142.8	265.2
130	163.7	86.0	159.8#
51	75.5	52.6	79.0



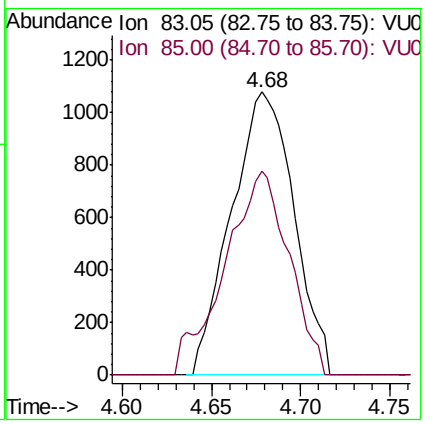


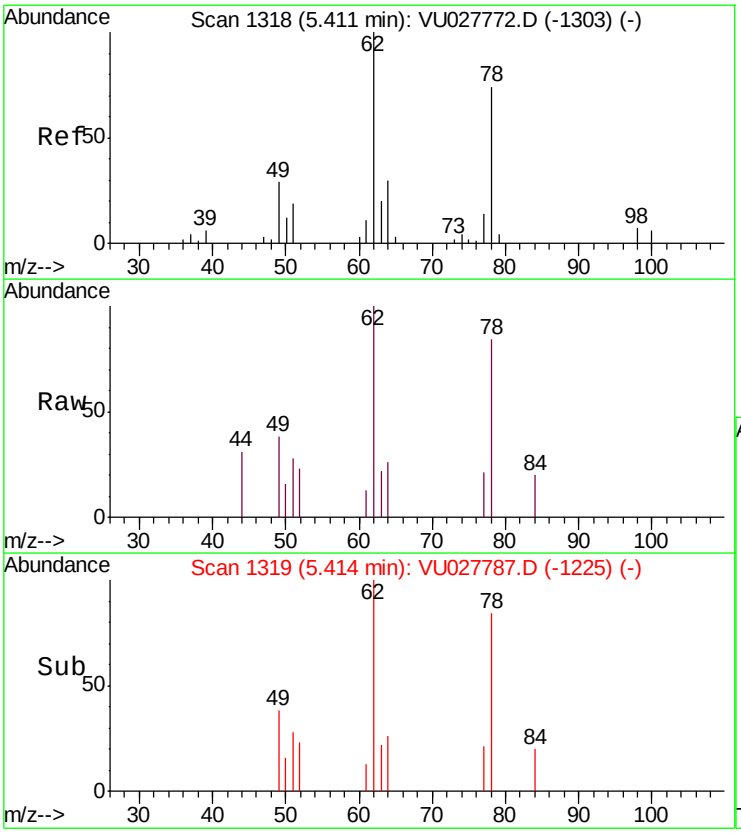
#25
Chloroform
Concen: 0.427 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 2645

Ion	Ratio	Lower	Upper
83	100		
85	72.0	45.8	85.2

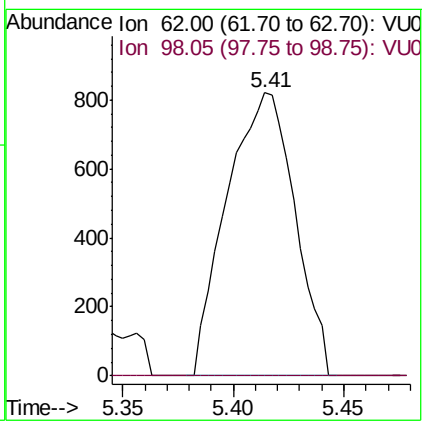


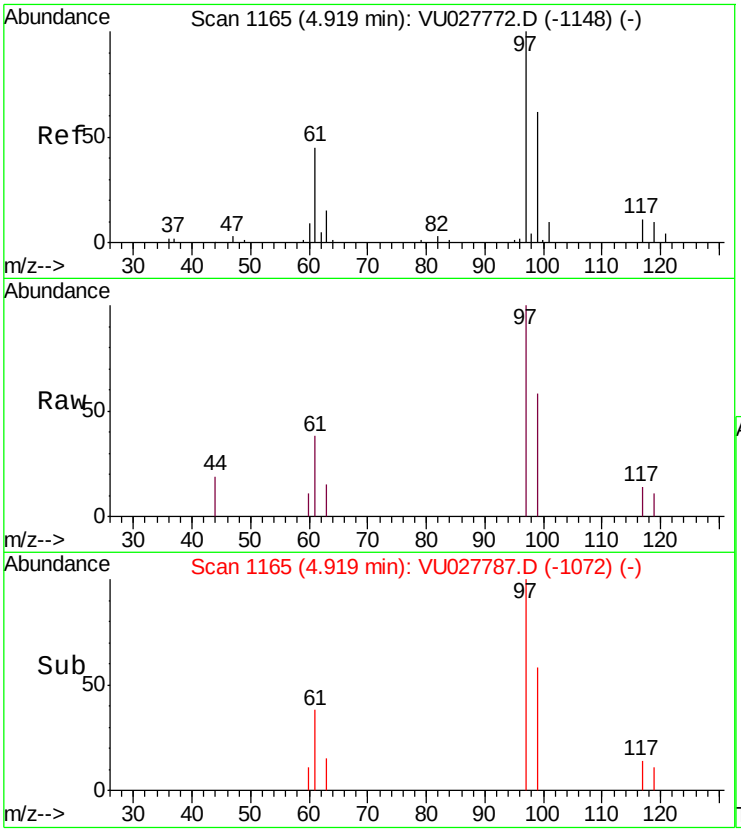


#27
1,2-Dichloroethane
Concen: 0.383 ug/L
RT: 5.41 min Scan# 1319
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 62 Resp: 1750

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#



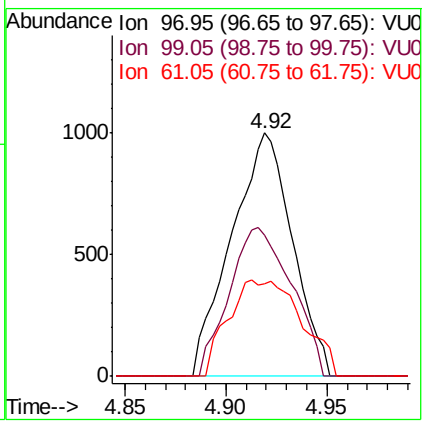


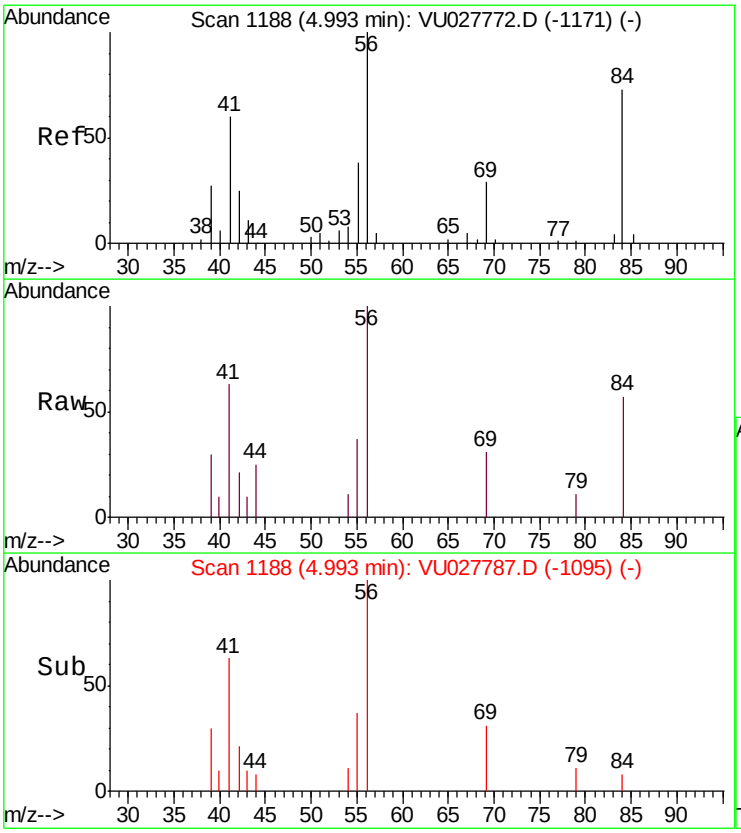
#29
1,1,1-Trichloroethane
Concen: 0.392 ug/L
RT: 4.92 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 97 Resp: 2104

Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.3	76.9
61	47.3	36.7	55.1

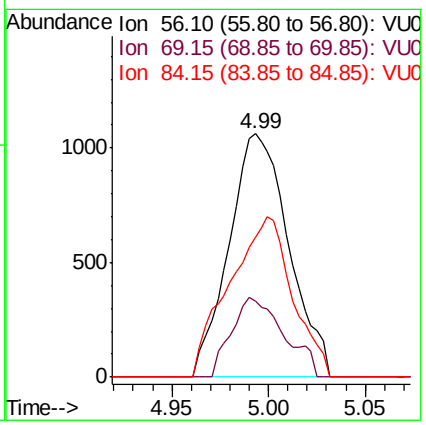


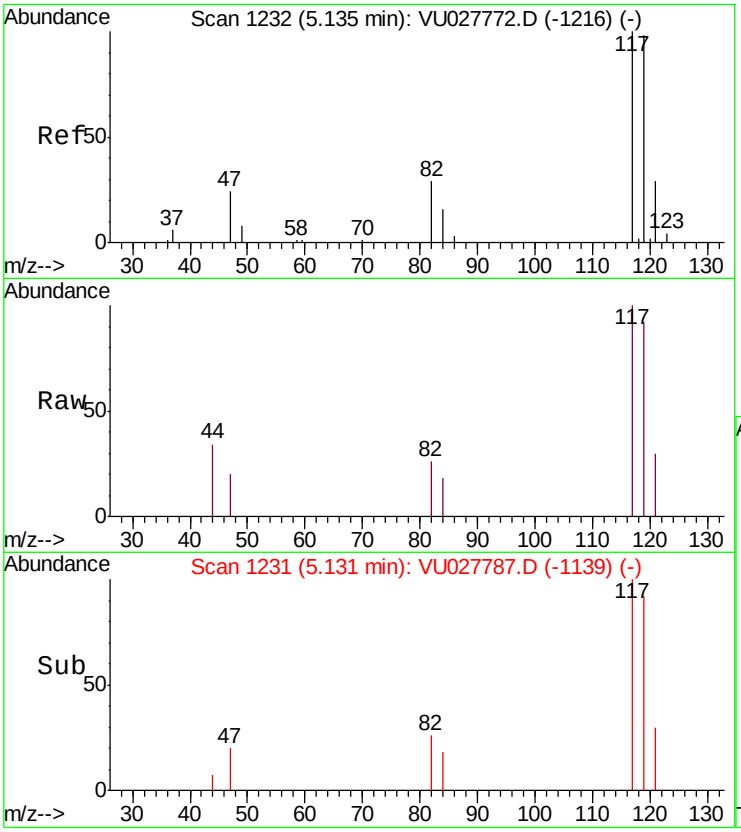


#30
Cyclohexane
Concen: 0.379 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 56 Resp: 2279

Ion	Ratio	Lower	Upper
56	100		
69	28.7	22.2	33.4
84	69.5	58.6	88.0



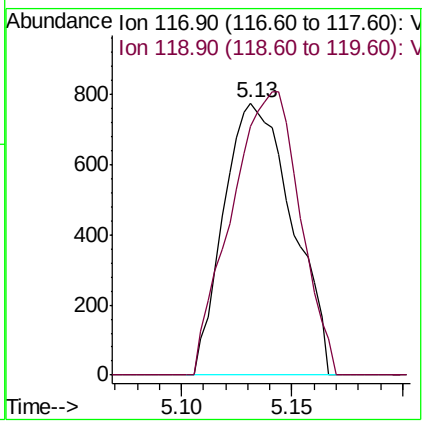


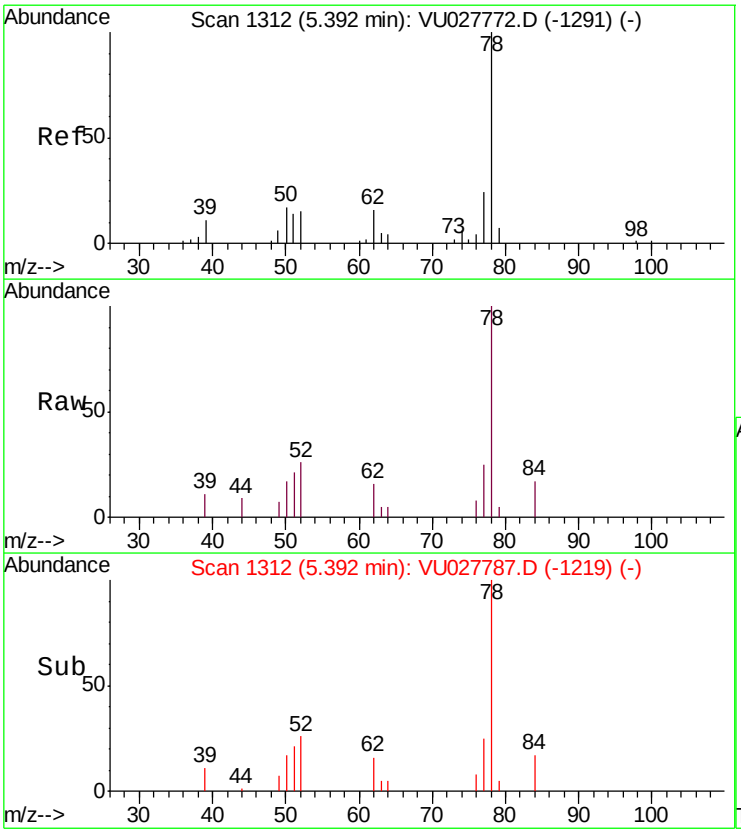
#31
Carbon tetrachloride
Concen: 0.361 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:117 Resp: 1663

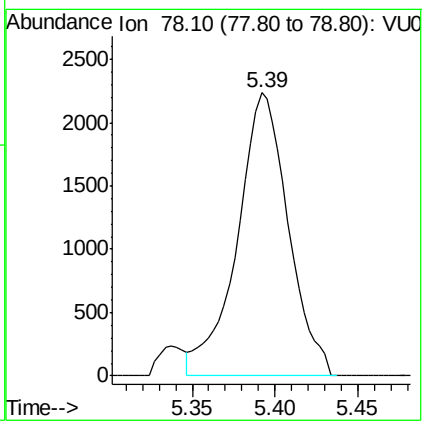
Ion	Ratio	Lower	Upper
117	100		
119	104.5	77.0	115.6

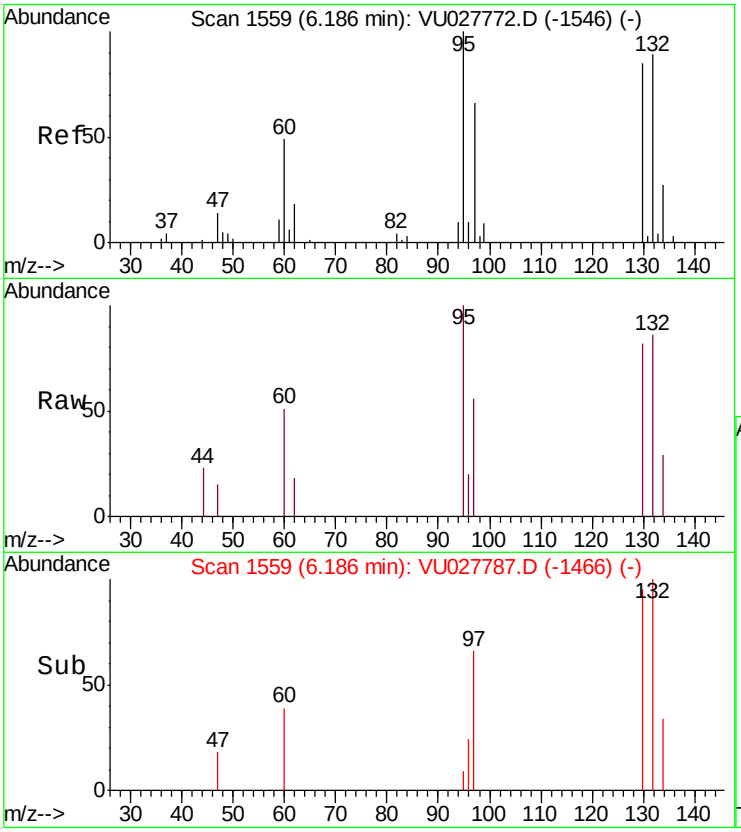




#33
Benzene
Concen: 0.386 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 78 Resp: 4786



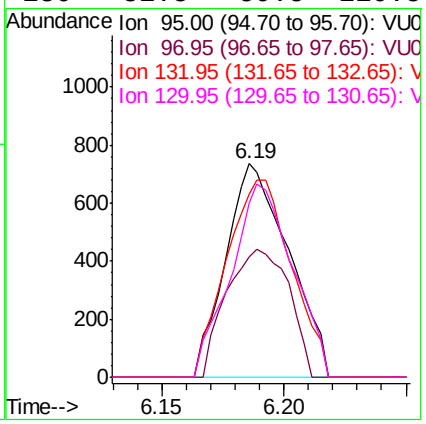


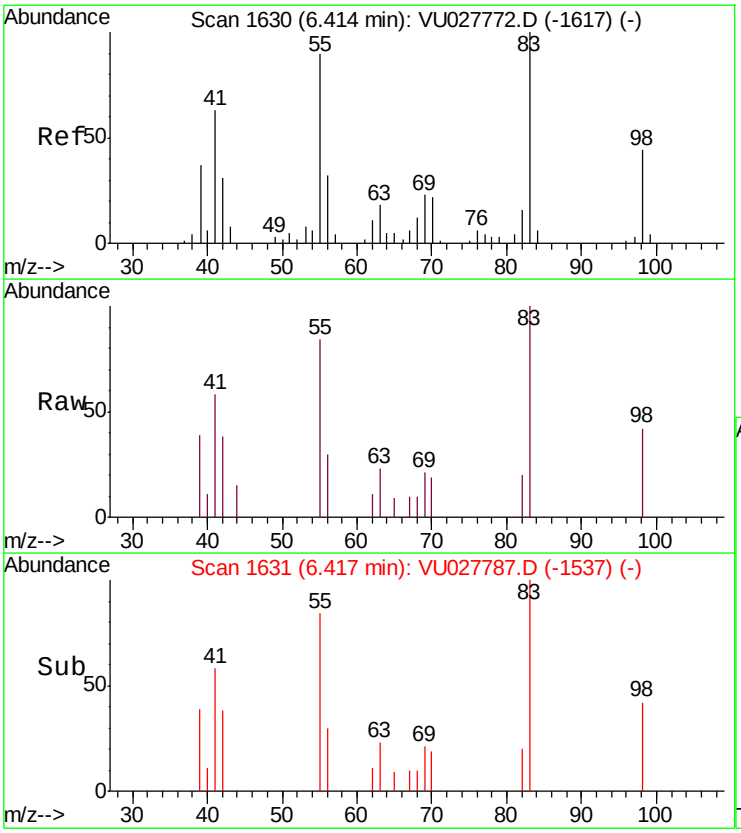
#34
Trichloroethene
Concen: 0.409 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 95 Resp: 1316

Ion	Ratio	Lower	Upper
95	100		
97	56.3	46.4	86.2
132	85.7	62.0	115.2
130	81.8	59.5	110.5

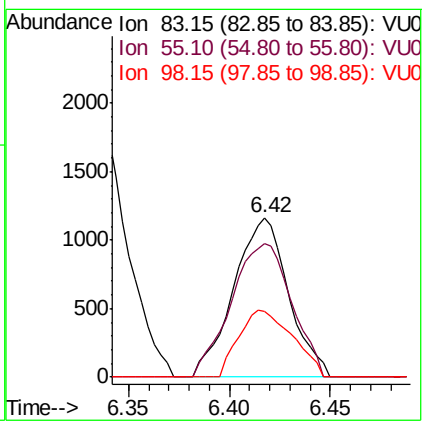


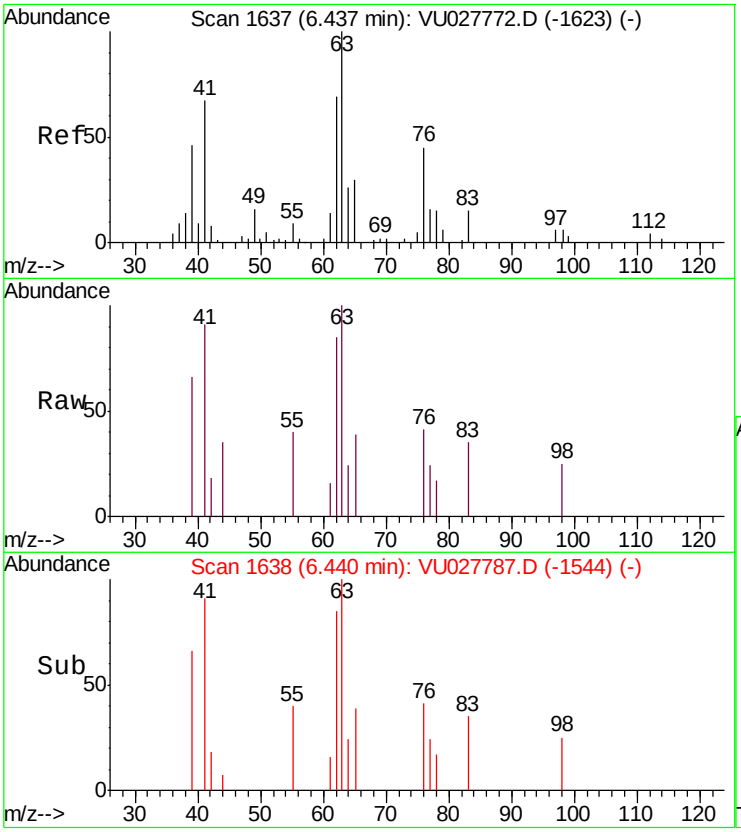


#35
Methylcyclohexane
Concen: 0.411 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 83 Resp: 2210

Ion	Ratio	Lower	Upper
83	100		
55	92.1	71.5	107.3
98	41.1	35.4	53.0



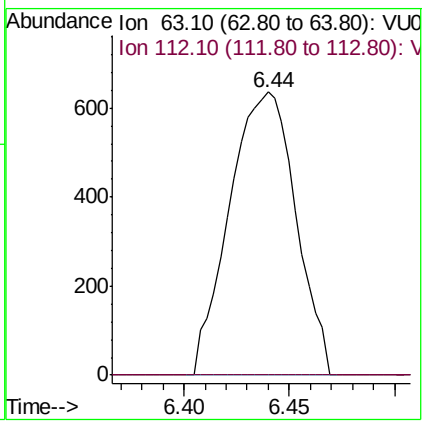


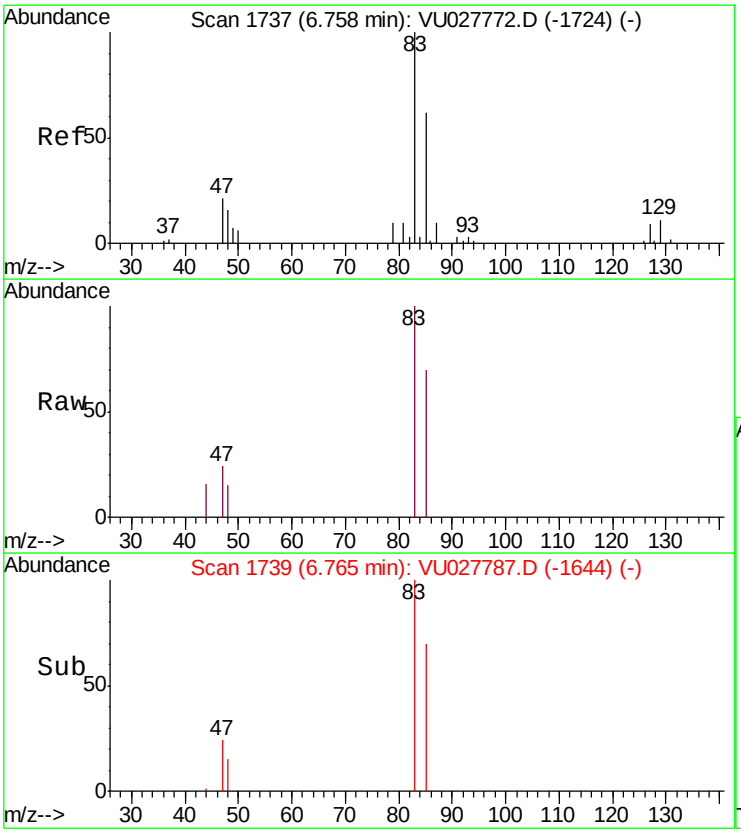
#37
1,2-Dichloropropane
Concen: 0.381 ug/L
RT: 6.44 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 1387

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

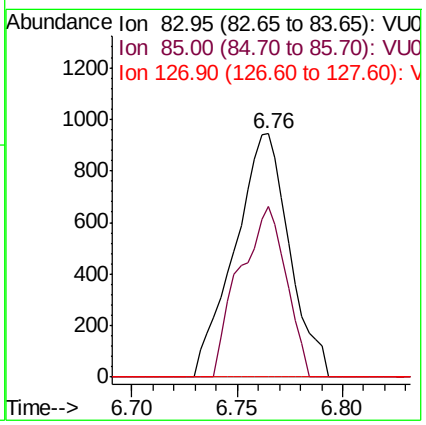


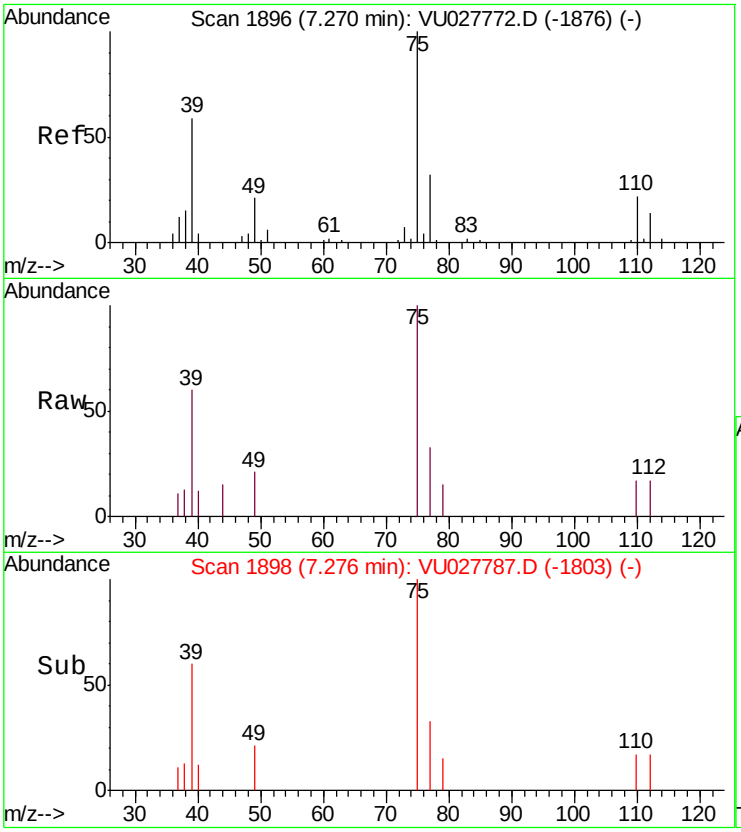


#38
Bromodichloromethane
Concen: 0.393 ug/L
RT: 6.76 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 83 Resp: 1708

Ion	Ratio	Lower	Upper
83	100		
85	69.9	43.3	80.5
127	0.0	7.2	10.8#



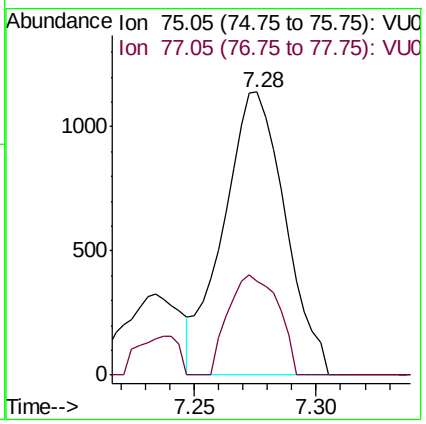


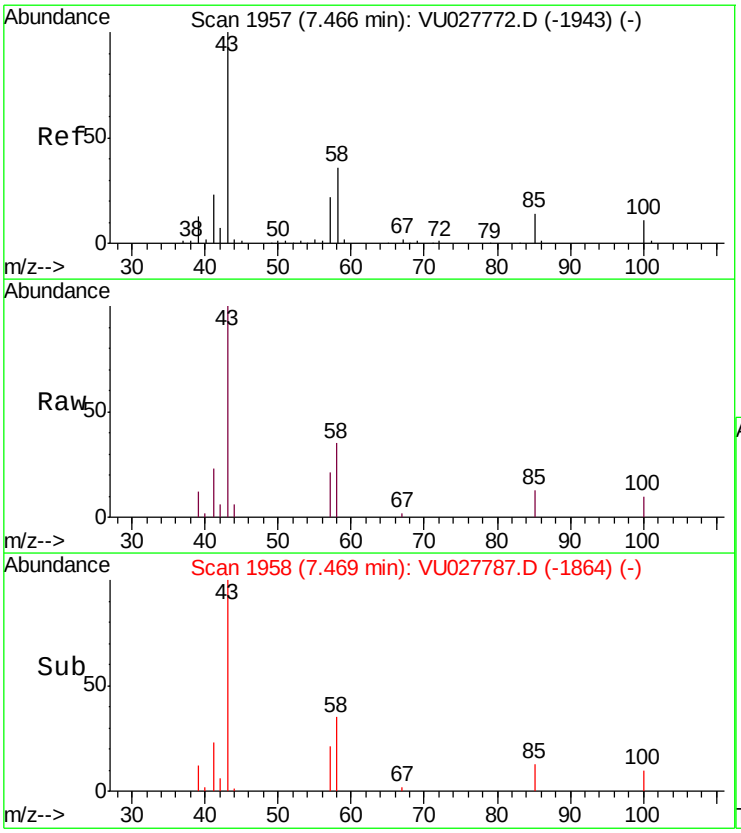
#39
cis-1,3-Dichloropropene
Concen: 0.385 ug/L
RT: 7.28 min Scan# 1898
Delta R.T. 0.01 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 75 Resp: 2008

Ion	Ratio	Lower	Upper
75	100		
77	33.3	22.5	41.7

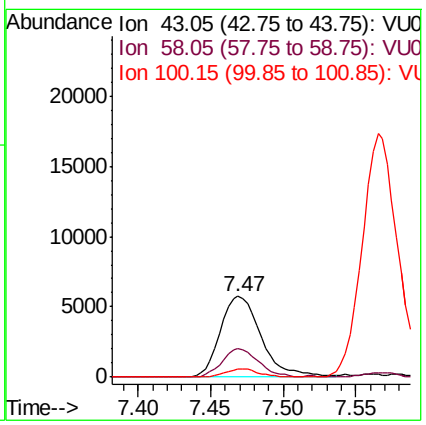


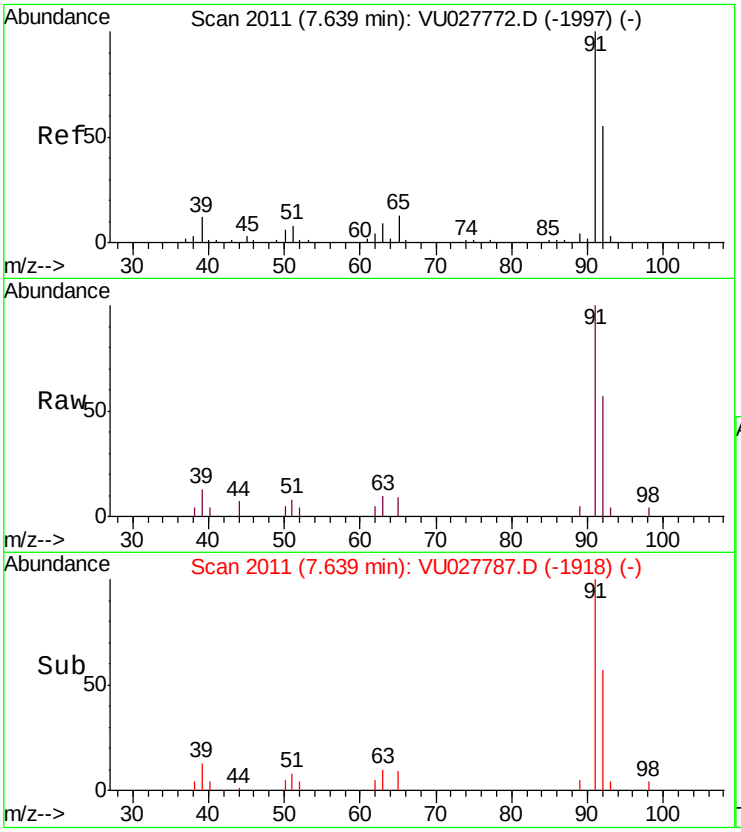


#40
4-Methyl-2-pentanone
Concen: 4.147 ug/L
RT: 7.47 min Scan# 1958
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 43 Resp: 11295

Ion	Ratio	Lower	Upper
43	100		
58	30.9	28.1	42.1
100	8.4	8.7	13.1#



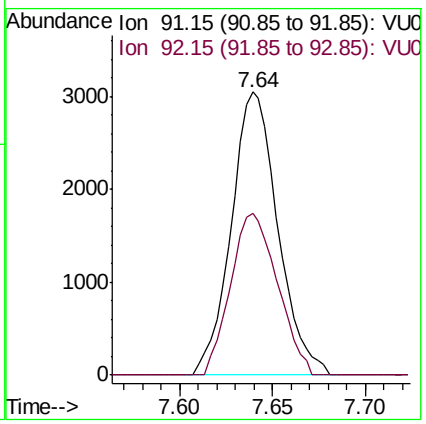


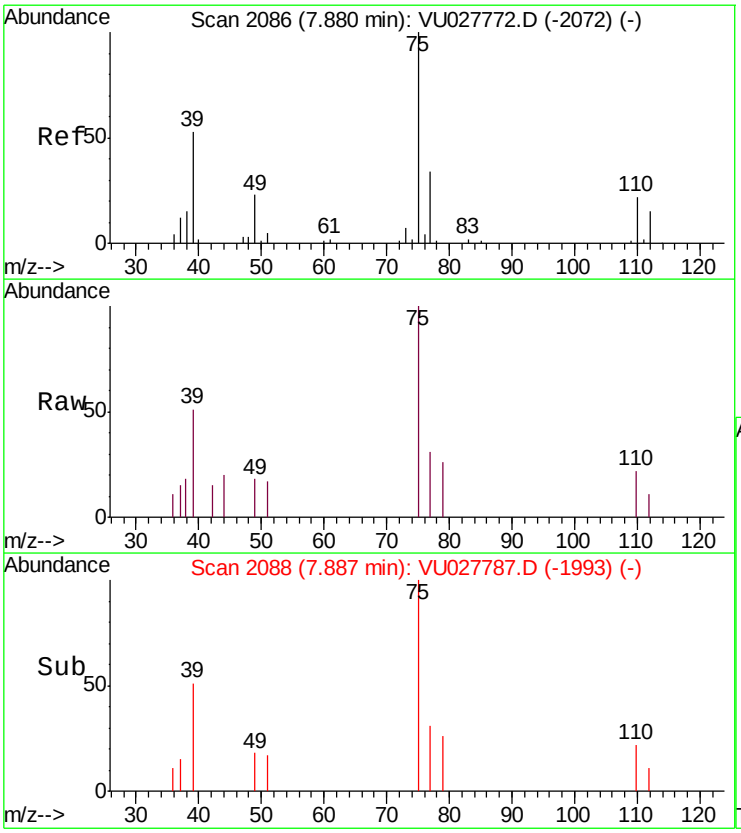
#42
Toluene
Concen: 0.398 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 5318

Ion	Ratio	Lower	Upper
91	100		
92	57.3	38.6	71.8

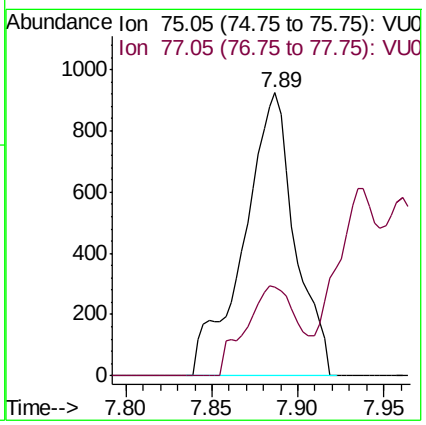


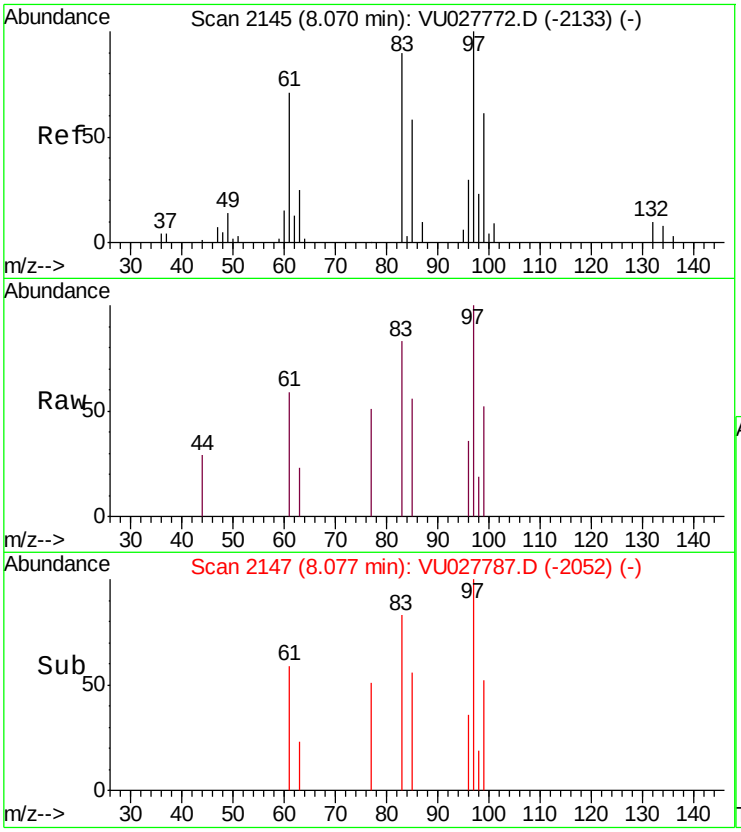


#44
trans-1,3-Dichloropropene
Concen: 0.435 ug/L
RT: 7.89 min Scan# 2088
Delta R.T. 0.01 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 75 Resp: 1913

Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.5	43.7



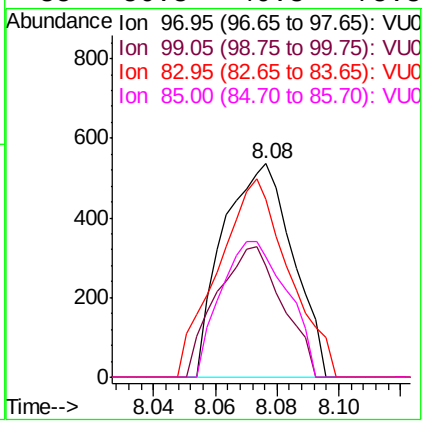


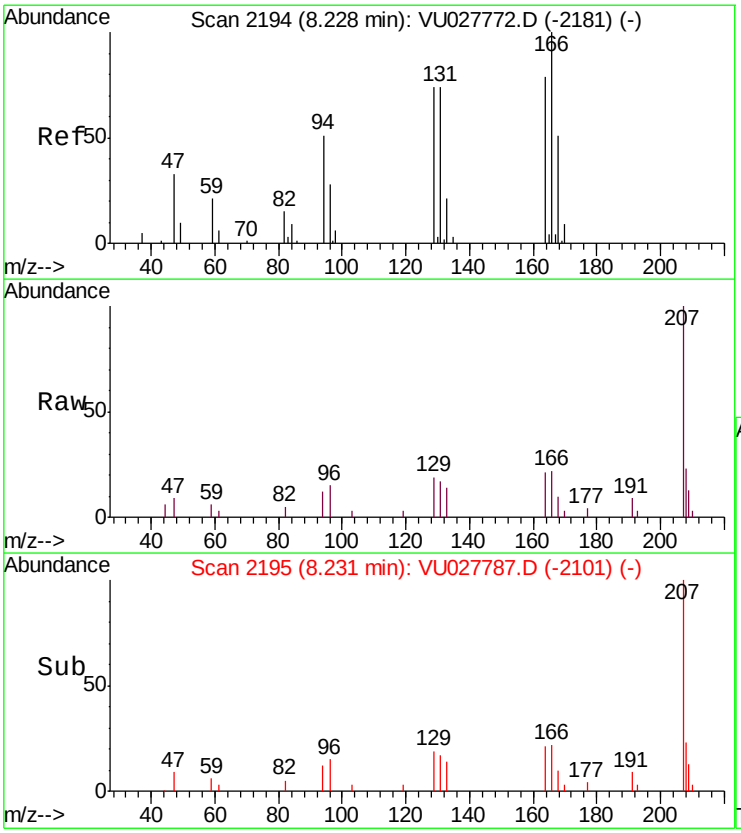
#45
1,1,2-Trichloroethane
Concen: 0.382 ug/L
RT: 8.08 min Scan# 2147
Delta R.T. 0.01 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 97 Resp: 840

Ion	Ratio	Lower	Upper
97	100		
99	52.1	42.8	79.6
83	83.4	62.9	116.9
85	56.3	40.8	75.8

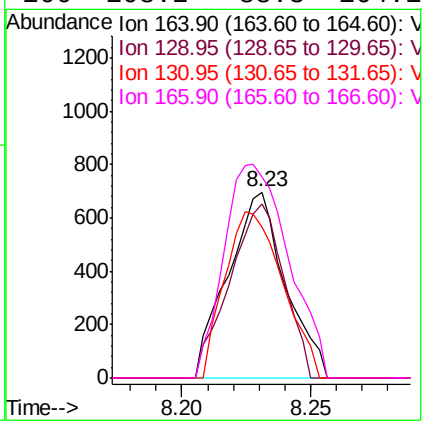


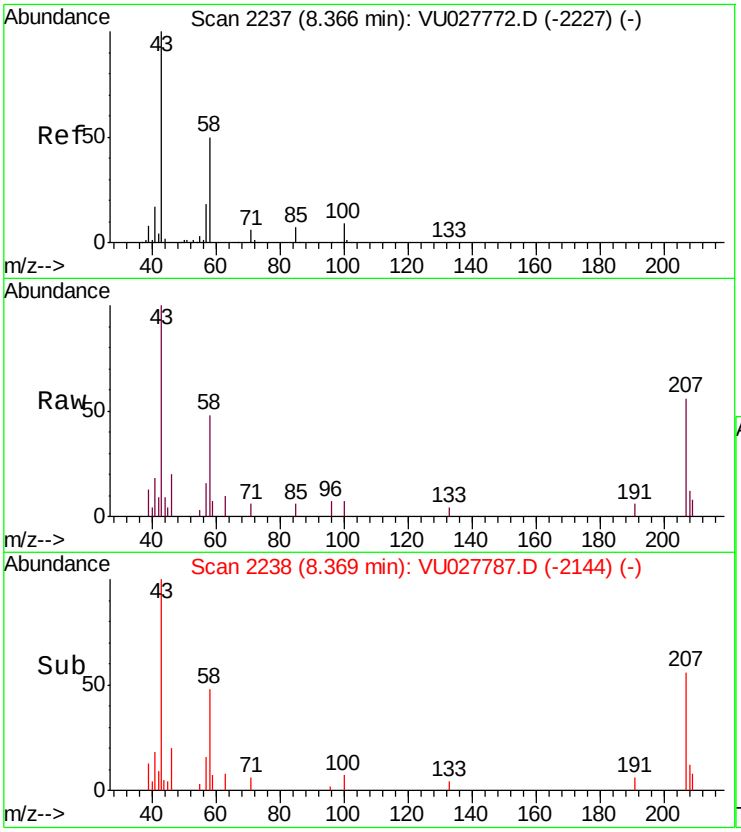


#47
Tetrachloroethene
Concen: 0.414 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:164 Resp: 1081

Ion	Ratio	Lower	Upper
164	100		
129	93.7	65.6	121.8
131	81.1	65.0	120.8
166	108.2	88.3	164.1



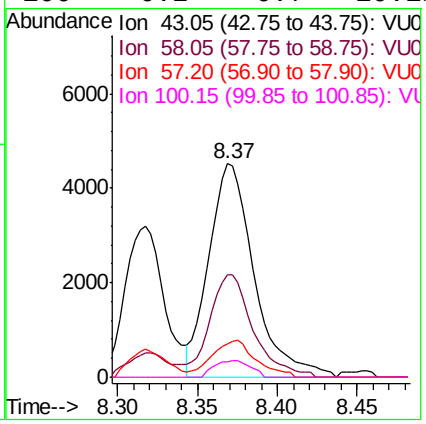


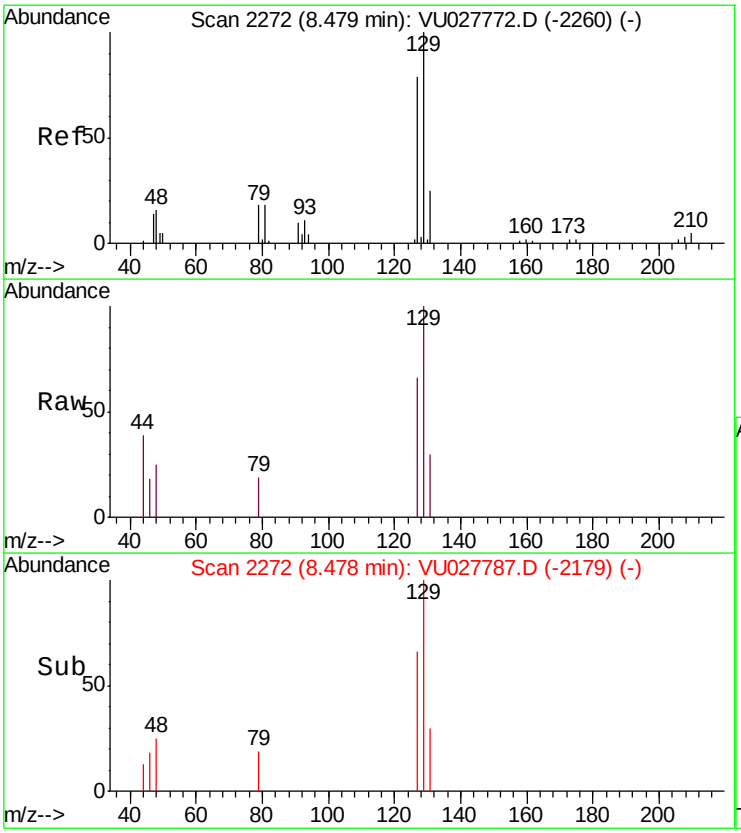
#48
2-Hexanone
Concen: 4.587 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument : MSVOA_U
ClientSampleId : MDL04

Tgt Ion: 43 Resp: 8878

Ion	Ratio	Lower	Upper
43	100		
58	46.2	39.4	59.0
57	17.0	13.8	20.8
100	6.2	6.7	10.1#

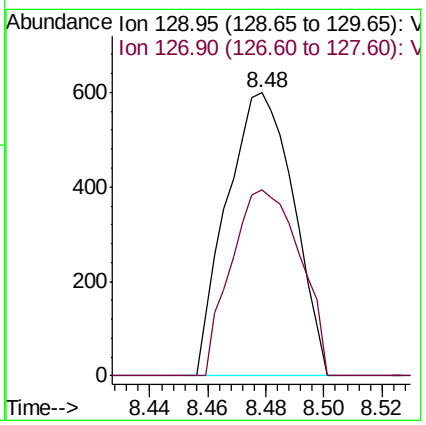


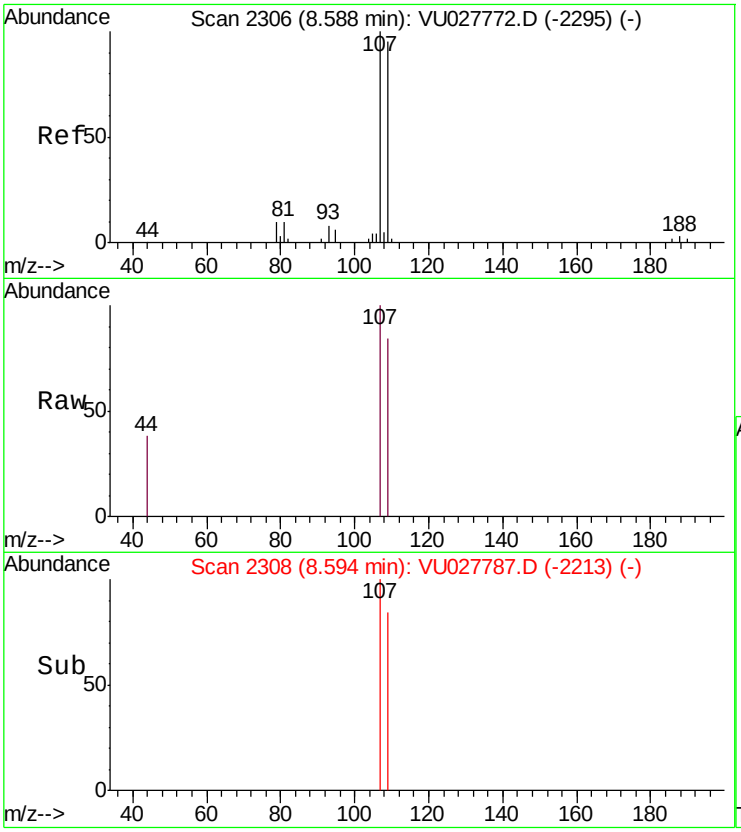


#49
Dibromochloromethane
Concen: 0.342 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:129 Resp: 957

Ion	Ratio	Lower	Upper
129	100		
127	65.9	55.2	102.4



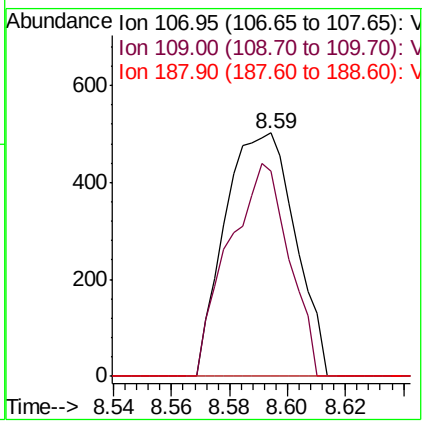


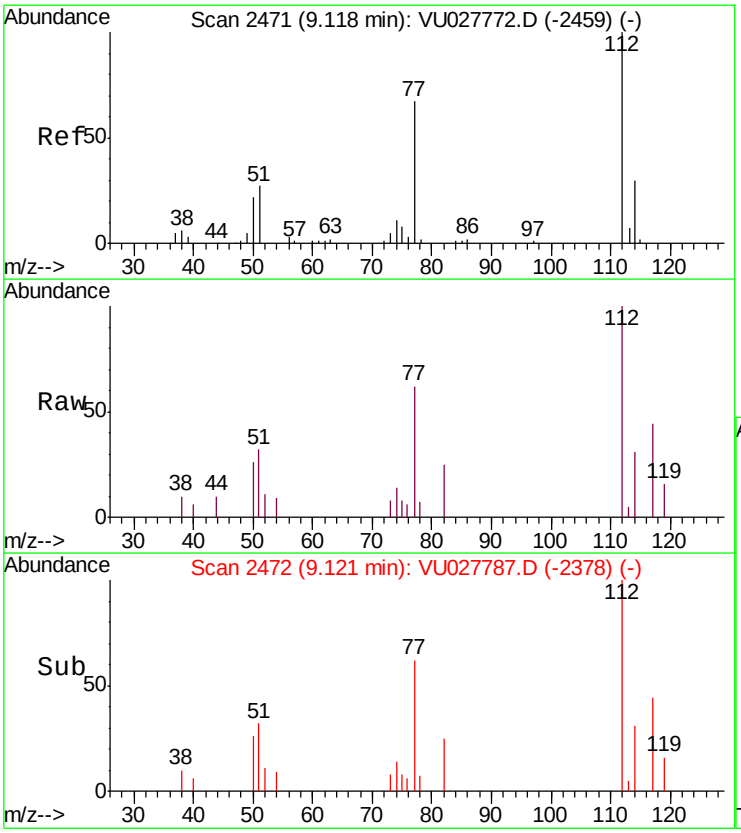
#50
1,2-Dibromoethane
Concen: 0.394 ug/L
RT: 8.59 min Scan# 2308
Delta R.T. 0.01 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:107 Resp: 843

Ion	Ratio	Lower	Upper
107	100		
109	84.1	66.3	123.1
188	0.0	2.6	3.8#

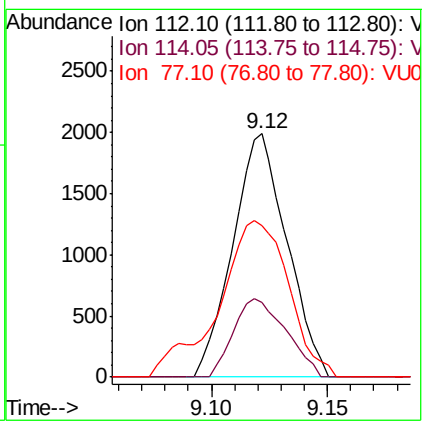


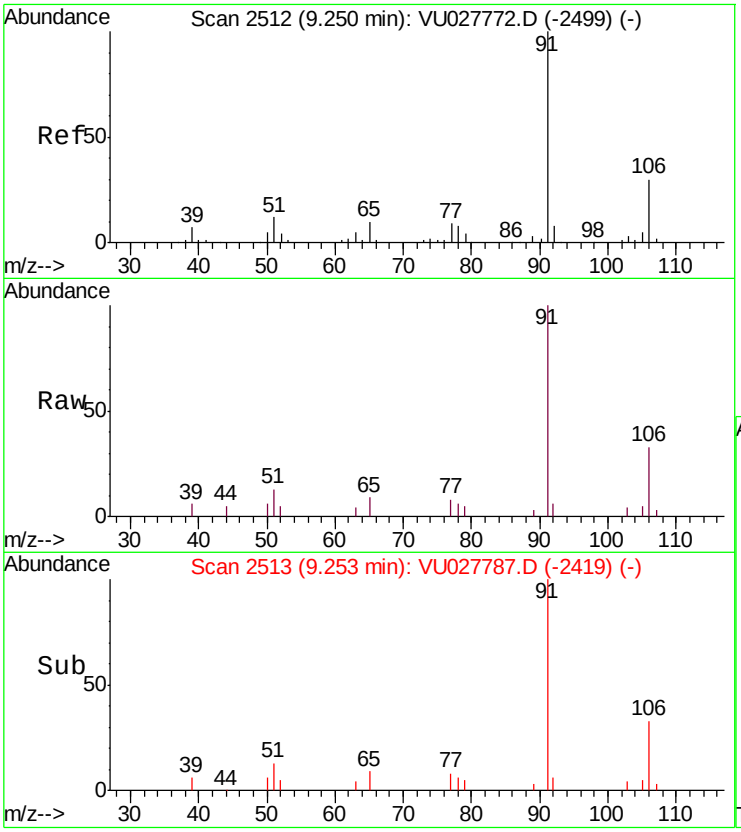


#51
Chlorobenzene
Concen: 0.392 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:112 Resp: 3225

Ion	Ratio	Lower	Upper
112	100		
114	30.6	21.2	39.4
77	62.3	54.2	81.4



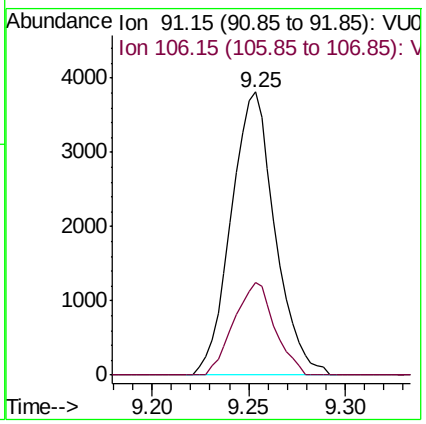


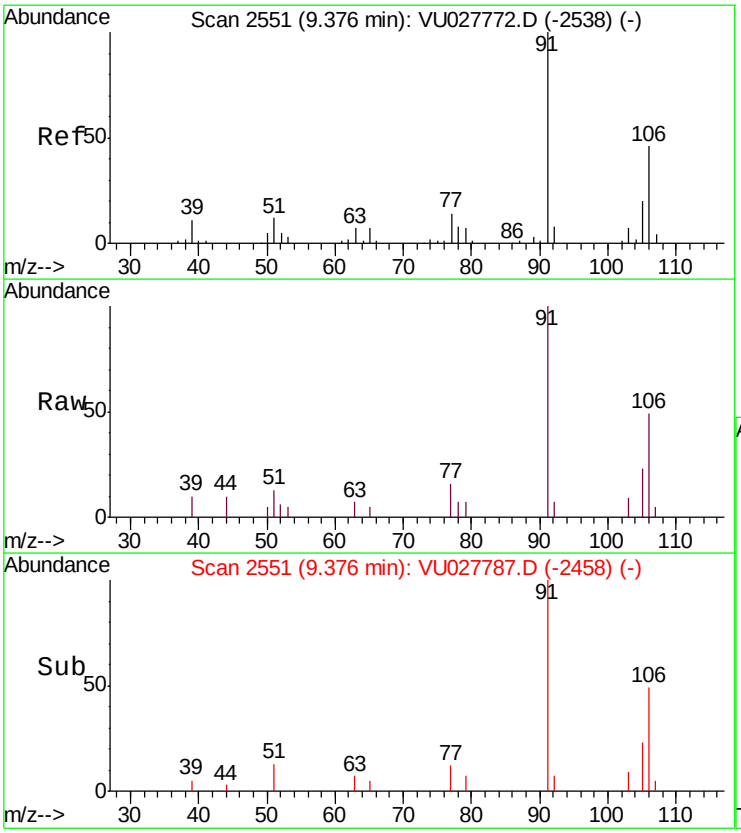
#52
Ethylbenzene
Concen: 0.389 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 6021

Ion	Ratio	Lower	Upper
91	100		
106	32.6	20.6	38.4

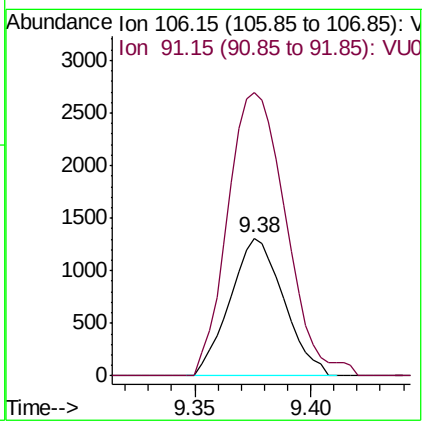


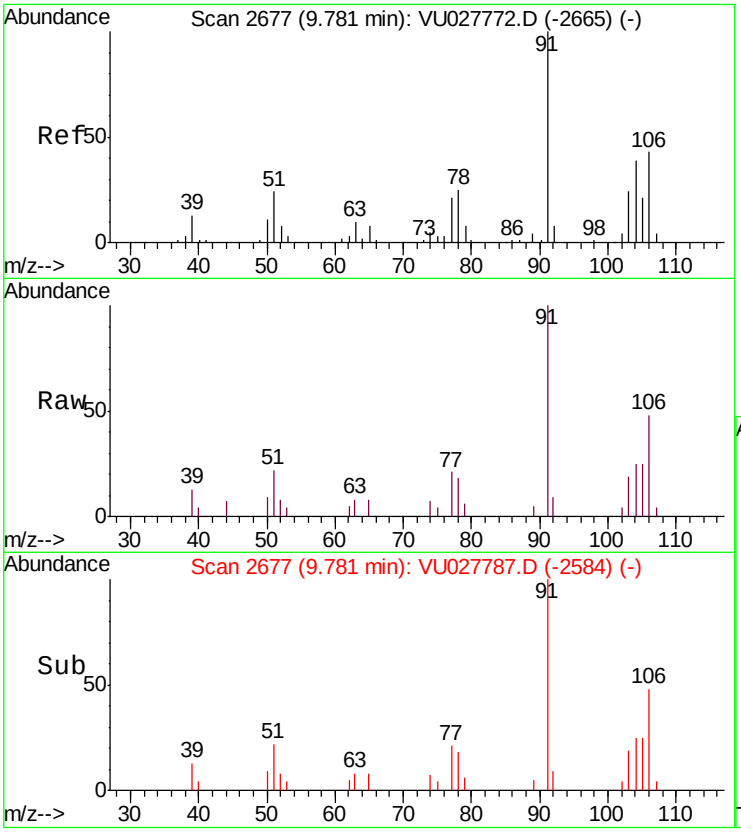


#53
m,p-xylene
Concen: 0.384 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:106 Resp: 2107

Ion	Ratio	Lower	Upper
106	100		
91	205.5	154.1	286.3



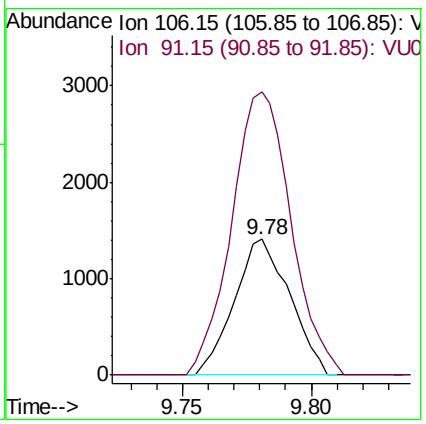


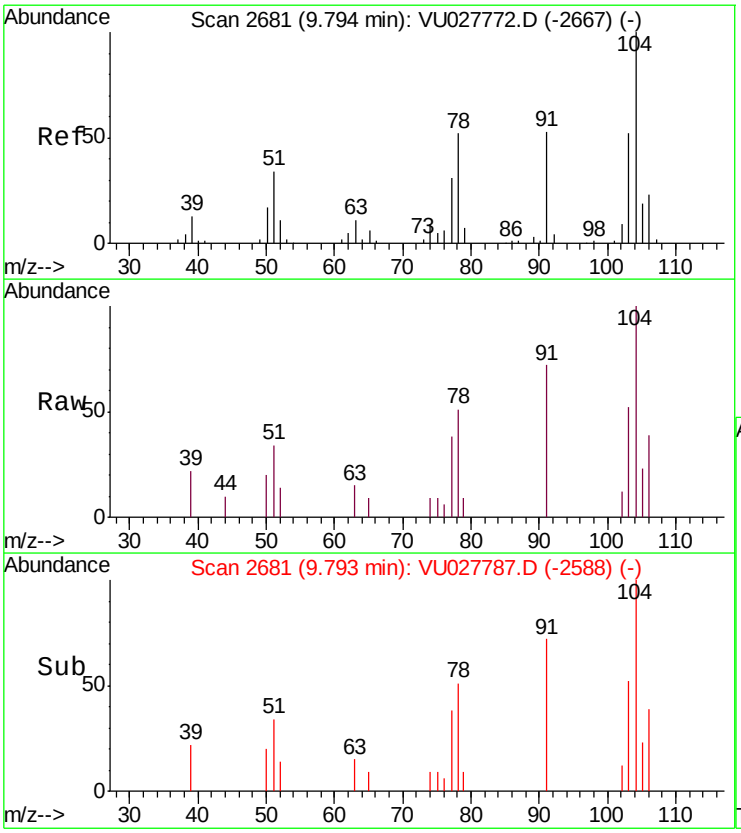
#54
o-xylene
Concen: 0.394 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 2113

Ion	Ratio	Lower	Upper
106	100		
91	208.0	161.3	299.7

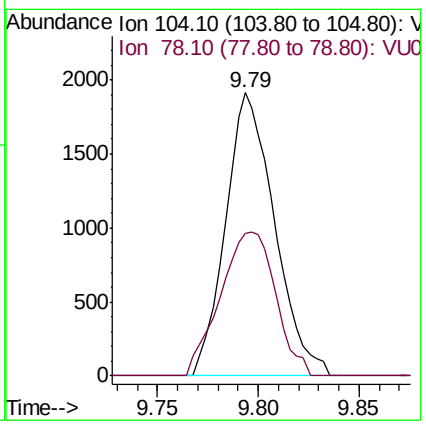


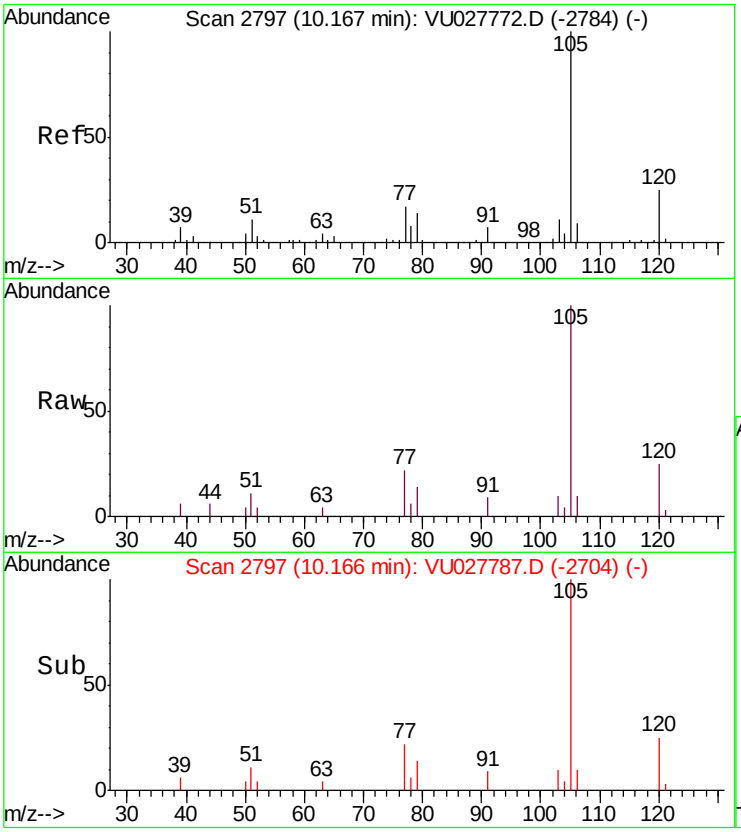


#55
Styrene
Concen: 0.358 ug/L
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:104 Resp: 3248

Ion	Ratio	Lower	Upper
104	100		
78	50.5	36.3	67.3



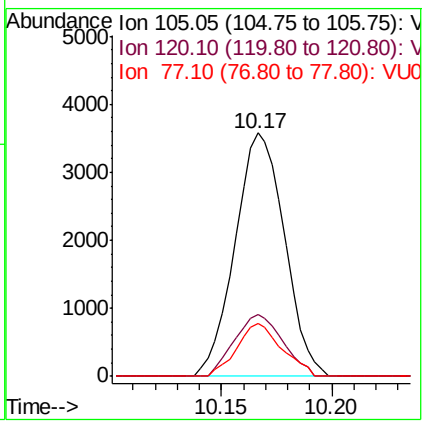


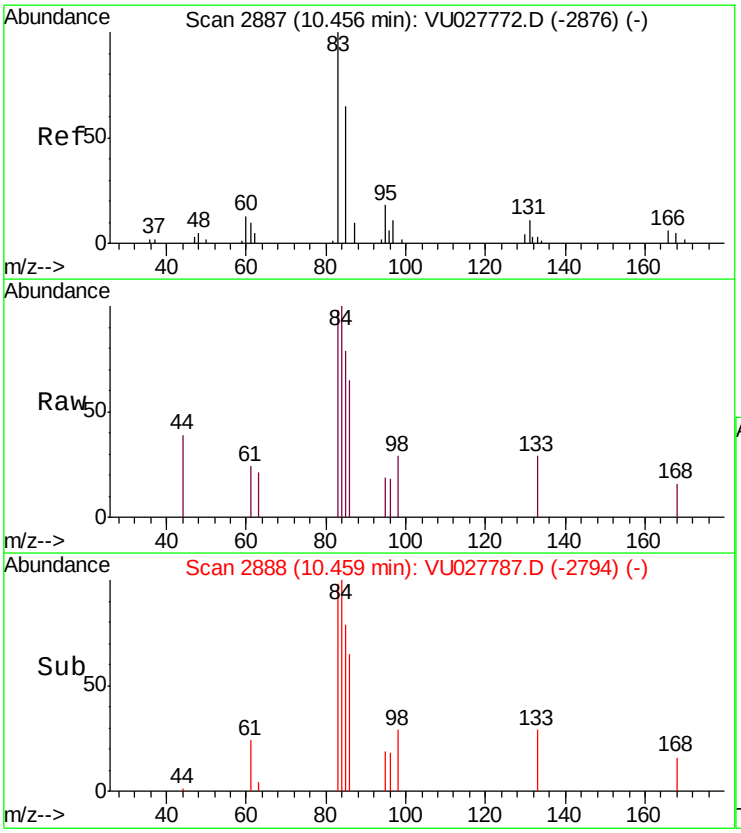
#56
Isopropylbenzene
Concen: 0.375 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument : MSVOA_U
ClientSampleId : MDL04

Tgt Ion:105 Resp: 5565

Ion	Ratio	Lower	Upper
105	100		
120	24.8	19.9	29.9
77	19.8	13.7	20.5

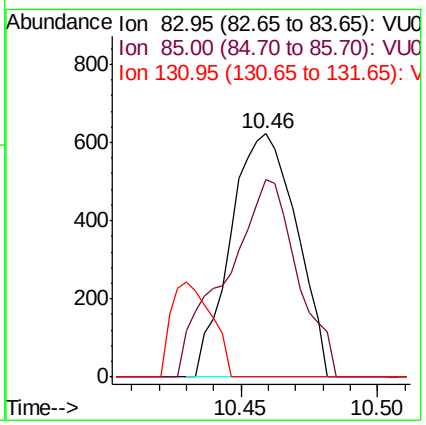


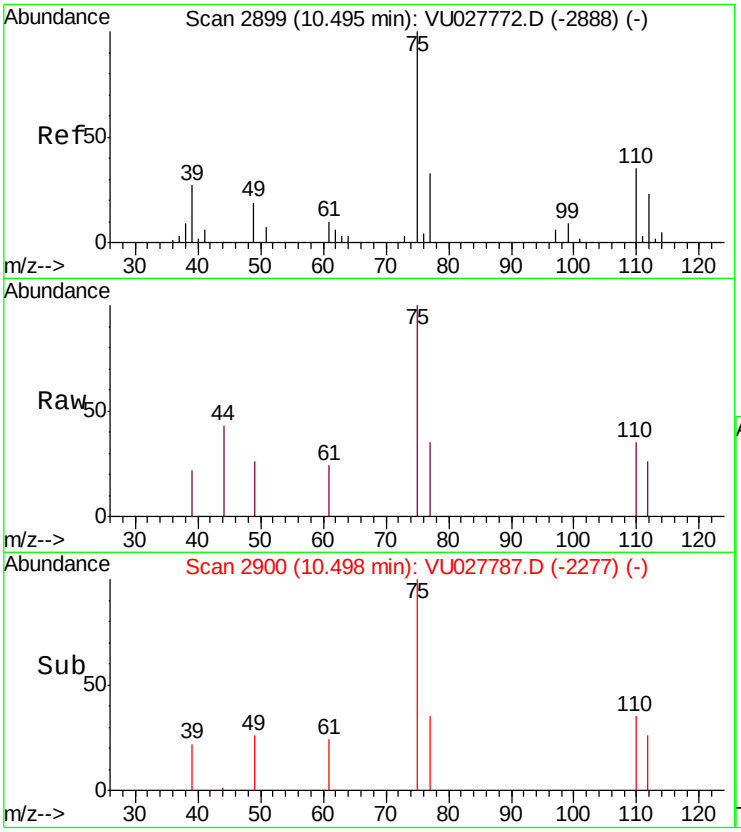


#58
1,1,2,2-Tetrachloroethane
Concen: 0.361 ug/L
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 83 Resp: 1043

Ion	Ratio	Lower	Upper
83	100		
85	80.9	45.5	84.5
131	0.0	8.8	13.2#



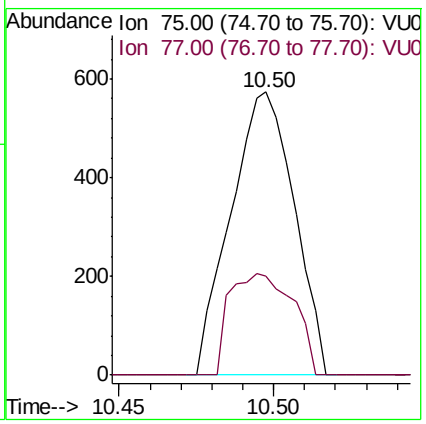


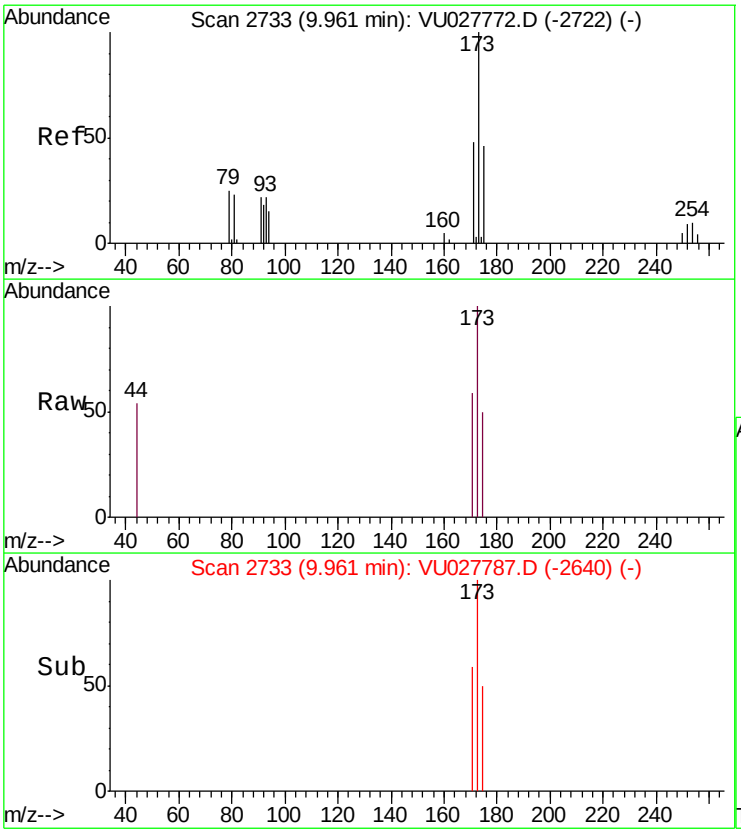
#59
1,2,3-Trichloropropane
Concen: 0.357 ug/L
RT: 10.50 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 75 Resp: 819

Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.4	39.6

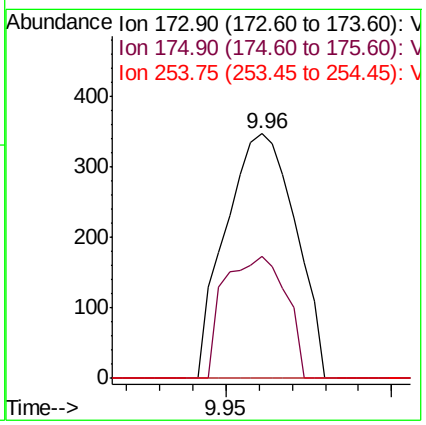


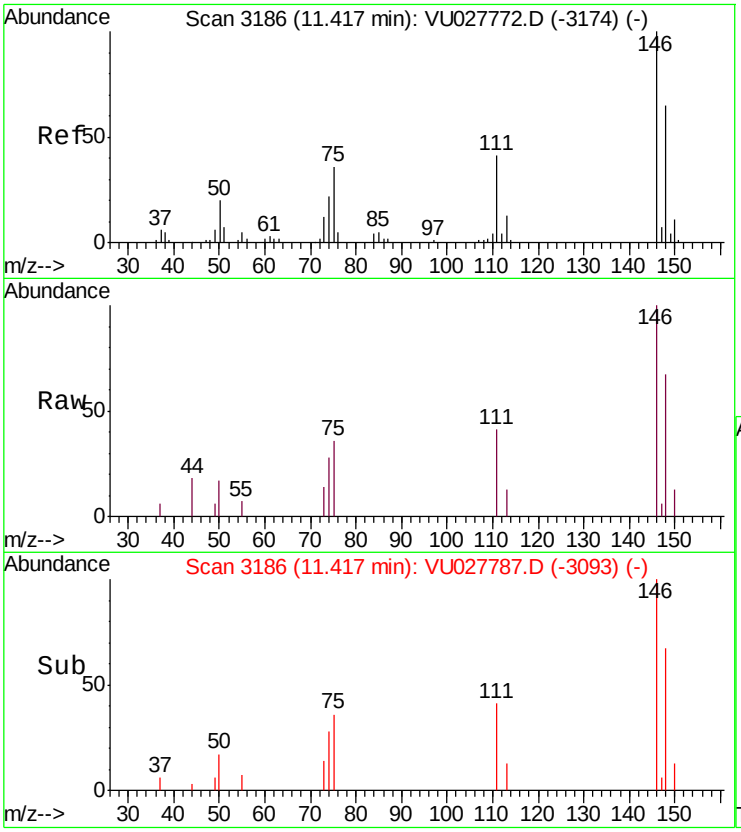


#61
Bromoform
Concen: 0.308 ug/L
RT: 9.96 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:173 Resp: 507

Ion	Ratio	Lower	Upper
173	100		
175	43.6	37.7	56.5
254	0.0	7.2	10.8#



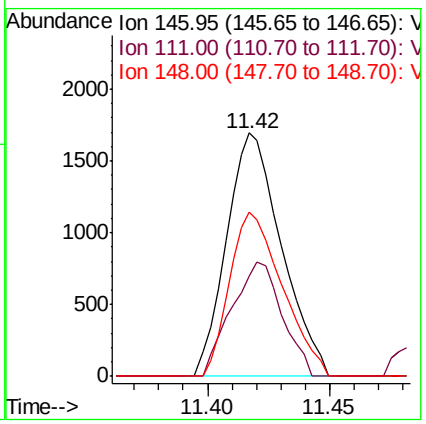


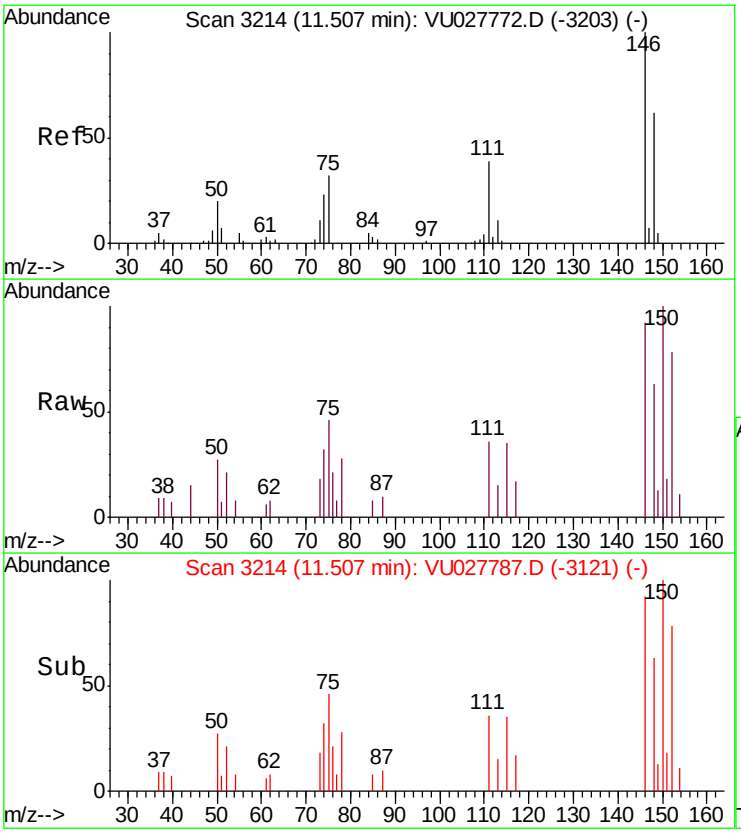
#62
1,3-Dichlorobenzene
Concen: 0.383 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 2639

Ion	Ratio	Lower	Upper
146	100		
111	41.2	28.6	53.0
148	67.3	45.1	83.9

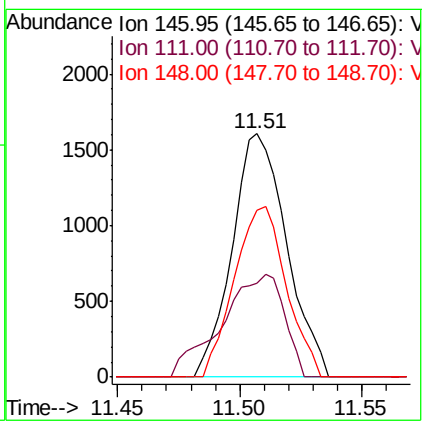


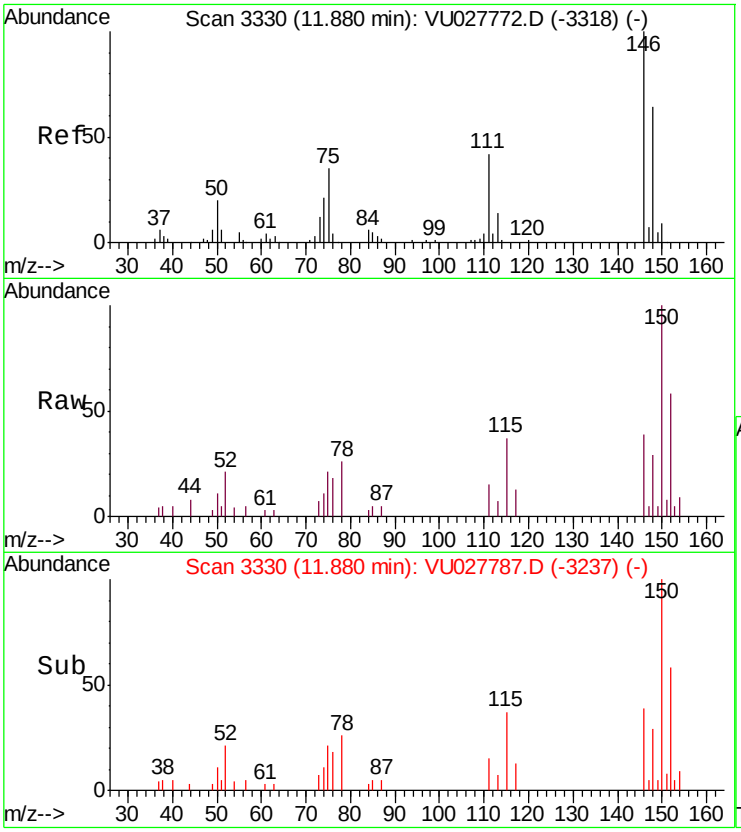


#63
1,4-Dichlorobenzene
Concen: 0.357 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:146 Resp: 2487

Ion	Ratio	Lower	Upper
146	100		
111	38.6	27.6	51.4
148	68.6	43.3	80.3



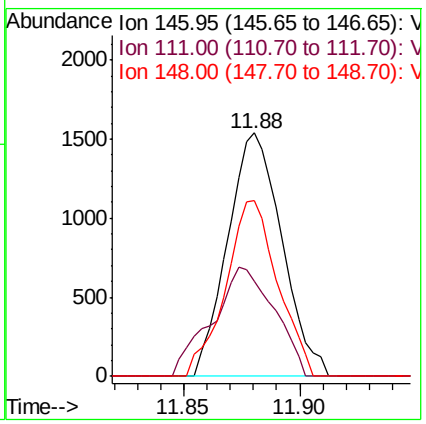


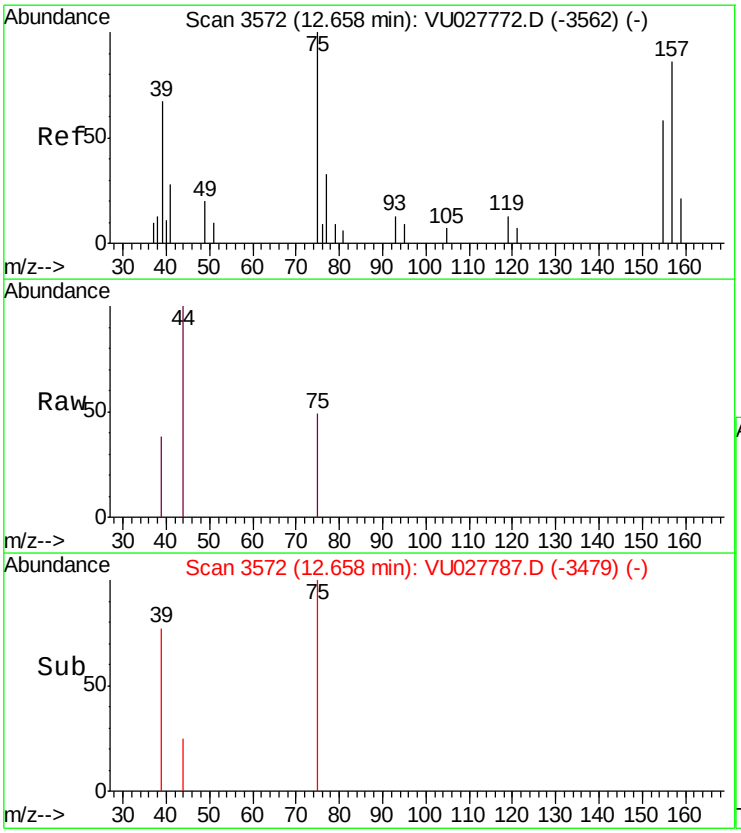
#65
1,2-Dichlorobenzene
Concen: 0.386 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 2502

Ion	Ratio	Lower	Upper
146	100		
111	38.9	33.7	50.5
148	72.4	50.8	76.2

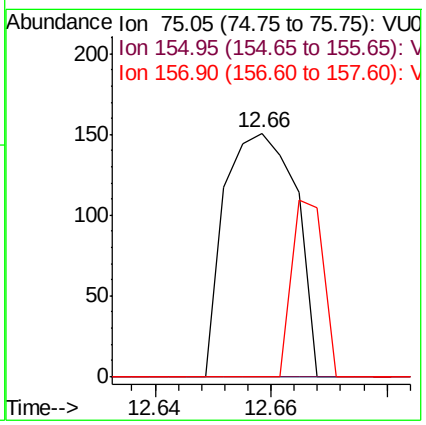


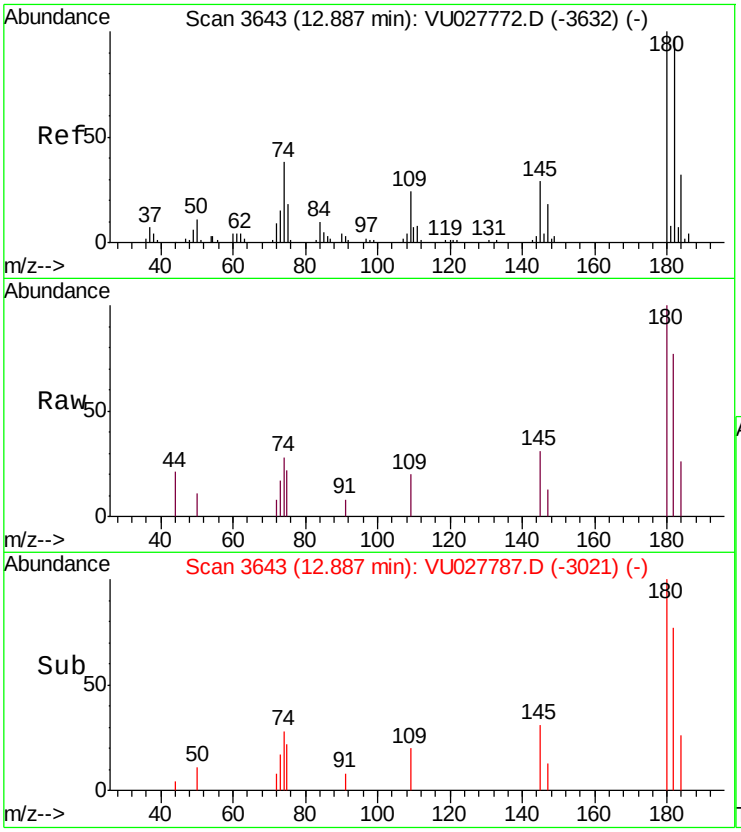


#66
1,2-Dibromo-3-chloropropane
Concen: 0.248 ug/L
RT: 12.66 min Scan# 3572
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion: 75 Resp: 128

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



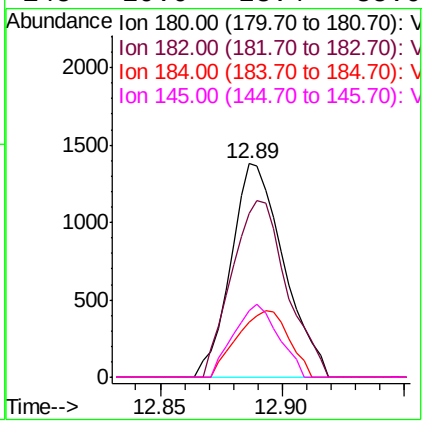


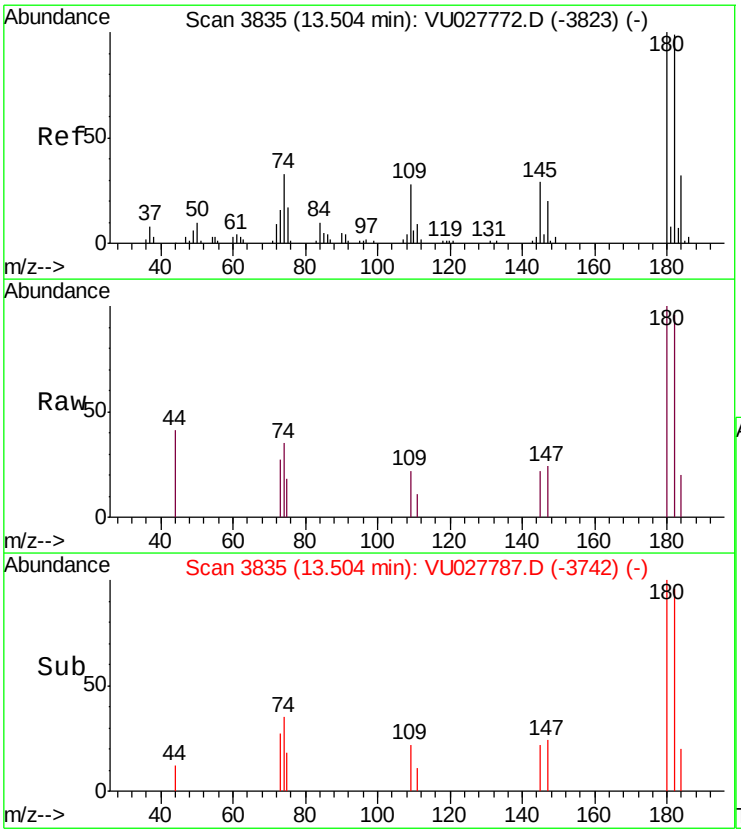
#67
1,3,5-Trichlorobenzene
Concen: 0.374 ug/L
RT: 12.89 min Scan# 3643
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:180 Resp: 2066

Ion	Ratio	Lower	Upper
180	100		
182	86.4	78.9	118.3
184	30.6	24.6	37.0
145	29.0	23.4	35.0

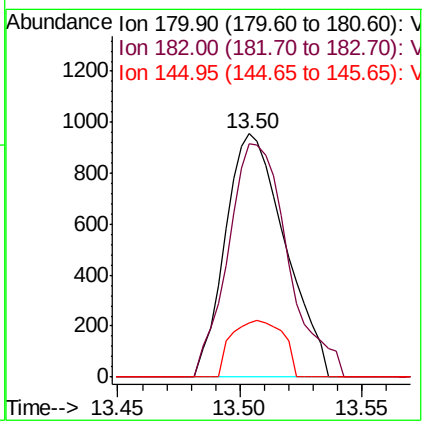


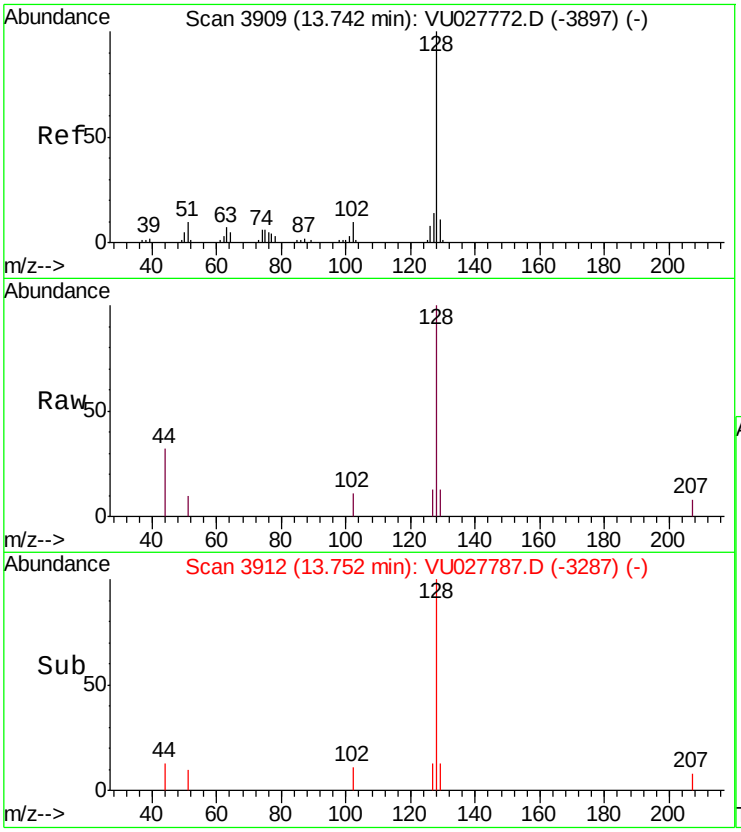


#68
1,2,4-trichlorobenzene
Concen: 0.338 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:180 Resp: 1622

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.6	116.4
145	20.0	23.7	35.5#



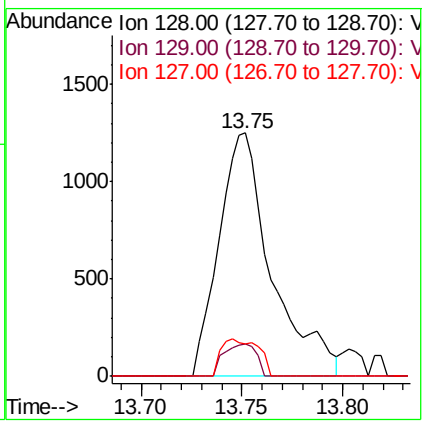


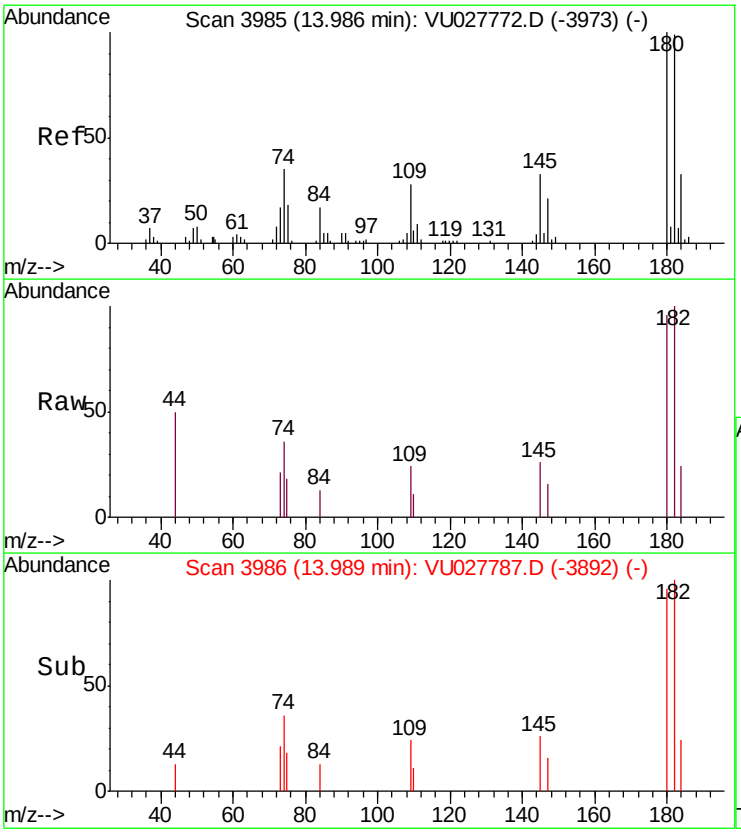
#69
Naphthalene
Concen: 0.291 ug/L
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:128 Resp: 2269

Ion	Ratio	Lower	Upper
128	100		
129	8.2	8.8	13.2#
127	10.9	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 0.367 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027787.D
Acq: 24 Oct 2018 15:48

Tgt Ion:180 Resp: 1625

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.9	115.3
145	13.8	24.6	37.0#