Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Jul 06 05:14:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.99	168	206823	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.89	114	311328	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	286453	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150371	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	156198	46.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.52%				
35) Dibromofluoromethane	4.89	113	121335	46.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.92%				
50) Toluene-d8	7.57	98	446573	47.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.76%				
62) 4-Bromofluorobenzene	10.31	95	163304	43.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.28%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	559	0.21	ug/l	#	79
4) Vinyl Chloride	1.40	62	1067	0.39	ug/l		99
5) Bromomethane	1.64	94	483	0.37	ug/l	#	73
6) Chloroethane	1.70	64	253	Below Cal		#	43
11) Tert butyl alcohol	2.83	59	543	0.66	ug/l	#	72
13) Acrolein	2.20	56	98	0.23	ug/l		92
16) Acetone	2.32	43	2753	1.52	ug/l		97
27) cis-1,2-Dichloroethene	4.23	96	11025	3.70	ug/l		84
31) Cyclohexane	4.99	56	4050	Below Cal		#	1
36) 1,1-Dichloropropene	4.99	75	14733	4.03	ug/l	#	51
38) Carbon Tetrachloride	4.99	117	20254	5.03	ug/l	#	16
44) Trichloroethene	6.19	130	14824	5.00	ug/l		90
55) 1,1,2-Trichloroethane	8.05	97	1249	0.46	ug/l	#	14
65) Chlorobenzene	9.12	112	18832	2.57	ug/l		95
73) Isopropylbenzene	10.17	105	11631	1.01	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.49	83	867	0.22	ug/l	#	25
76) 1,2,3-Trichloropropane	10.31	75	85676	25.88	ug/l	#	36
78) n-propylbenzene	10.59	91	16966	1.25	ug/l		95
79) 2-Chlorotoluene	10.59	91	16966	2.12	ug/l	#	41
81) trans-1,4-Dichloro-2-buten	10.31	75	85676	59.90	ug/l	#	100
82) 4-Chlorotoluene	10.59	91	16966	1.82	ug/l	#	45
83) tert-Butylbenzene	11.10	119	51922	5.39	ug/l		90
84) 1,2,4-Trimethylbenzene	11.33	105	83332	8.17	ug/l	#	31
85) sec-Butylbenzene	11.33	105	83332	6.92	ug/l		95
86) p-Isopropyltoluene	11.69	119	61531	5.70	ug/l		94
87) 1,3-Dichlorobenzene	11.42	146	1924	0.36	ug/l		84
88) 1,4-Dichlorobenzene	11.42	146	1924	0.35	ug/l		83
89) n-Butylbenzene	11.89	91	10590	1.11	ug/l	#	71
90) Hexachloroethane	12.26	117	7888	3.75	ug/l	#	8
95) Naphthalene	13.74	128	2074	0.86	ug/l	#	63

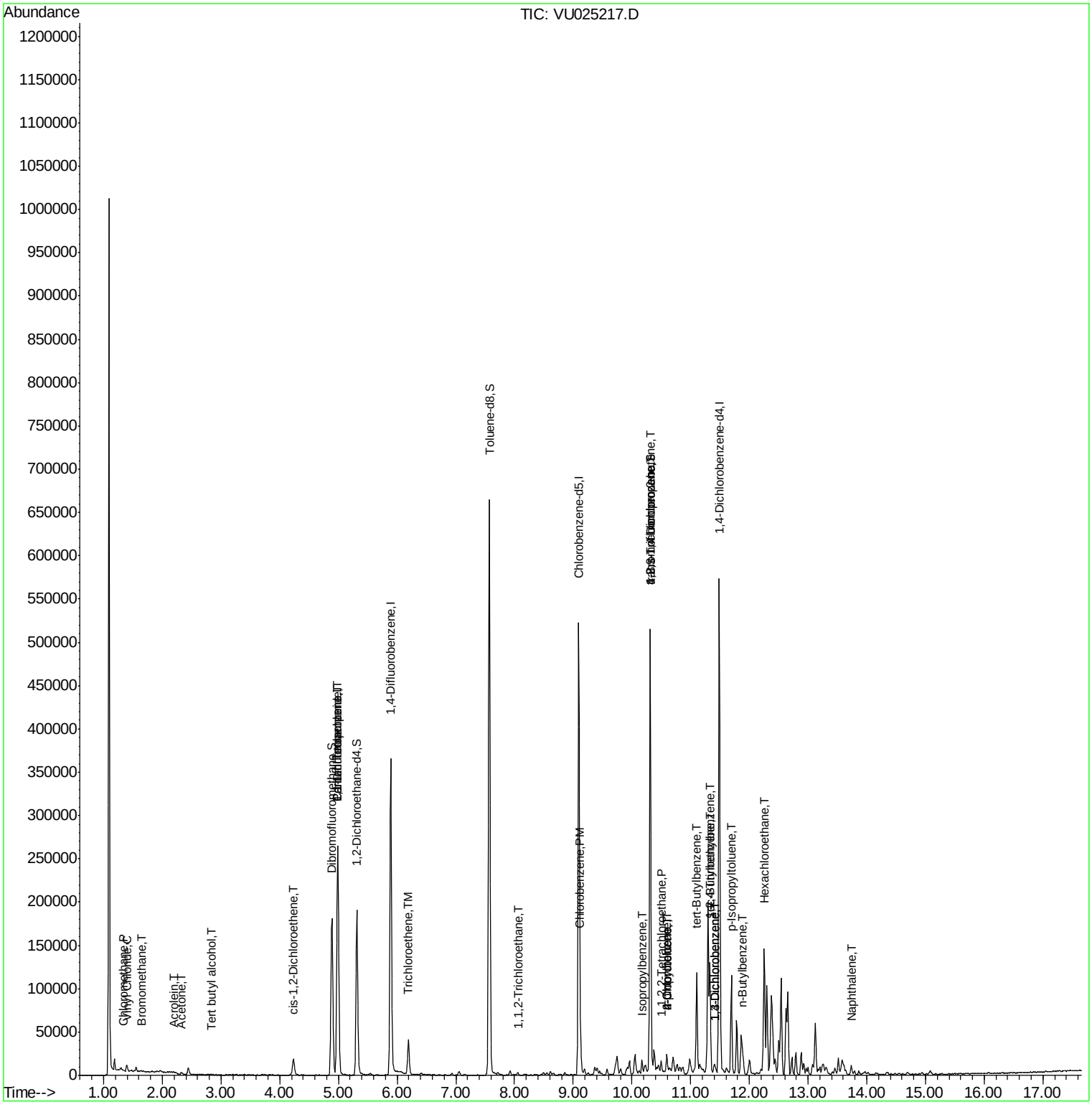
(#) = qualifier out of range (m) = manual integration (+) = signals summed

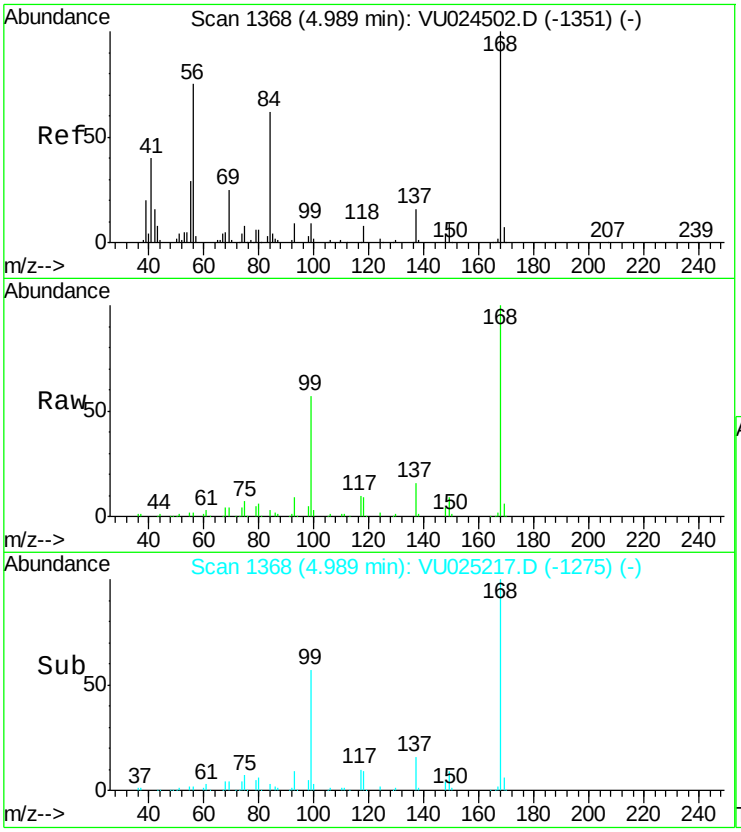
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
Data File : VU025217.D
Acq On : 05 Jul 2018 15:50
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 06 05:14:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration



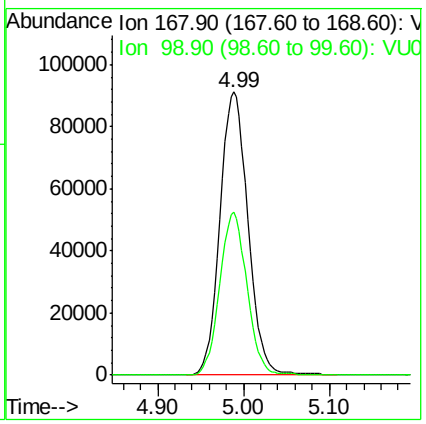


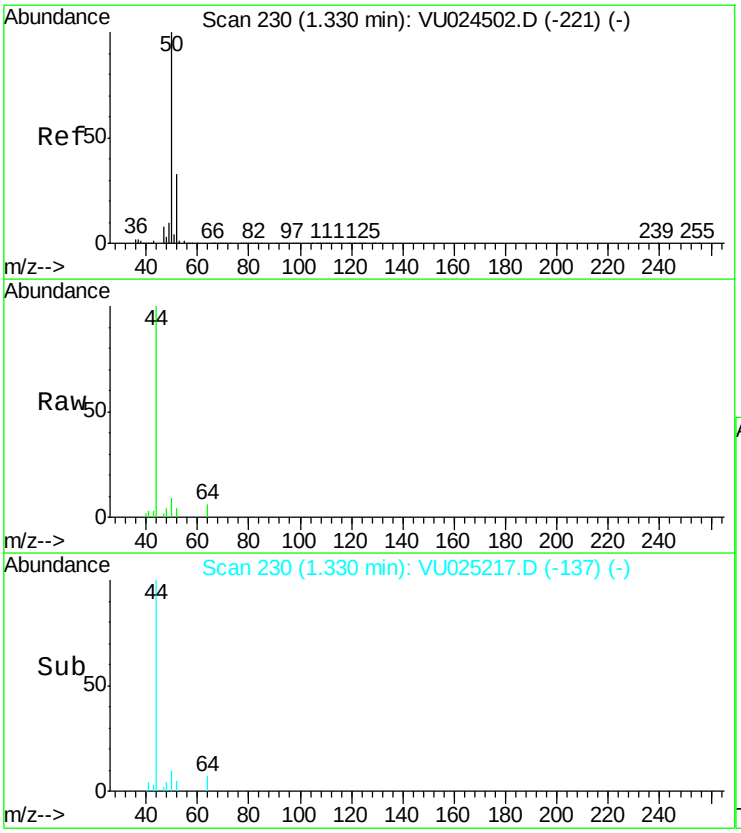
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 206823

Ion	Ratio	Lower	Upper
168	100		
99	57.5	43.2	64.8

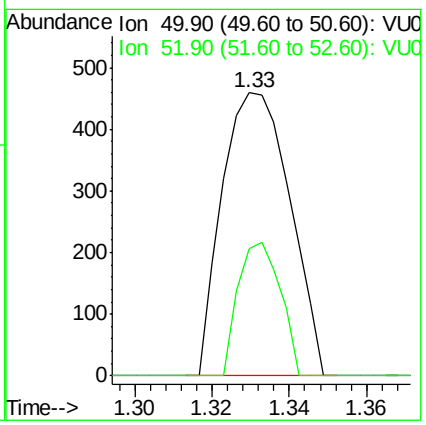


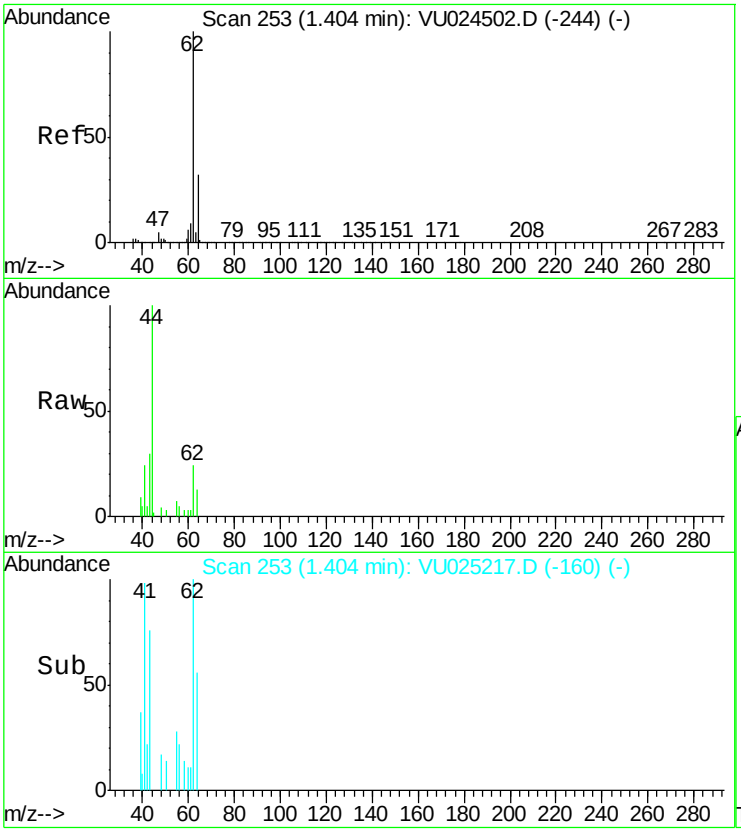


#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.33 min Scan# 230
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 50 Resp: 559

Ion	Ratio	Lower	Upper
50	100		
52	45.1	26.4	39.6#



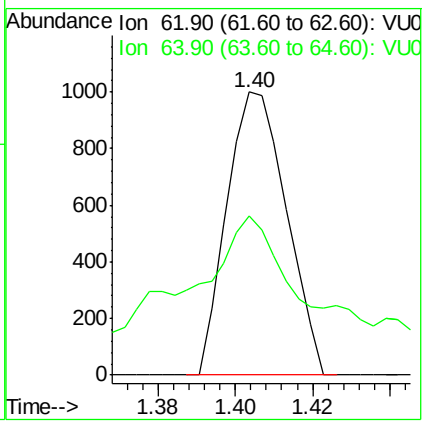


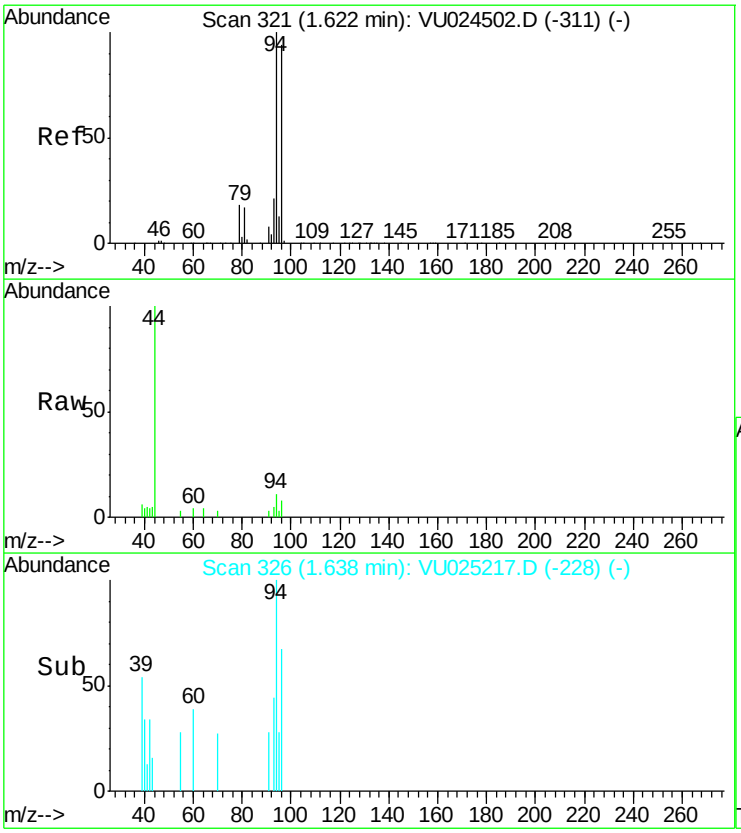
#4
Vinyl Chloride
Concen: 0.39 ug/l
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1067

Ion	Ratio	Lower	Upper
62	100		
64	31.6	24.8	37.2

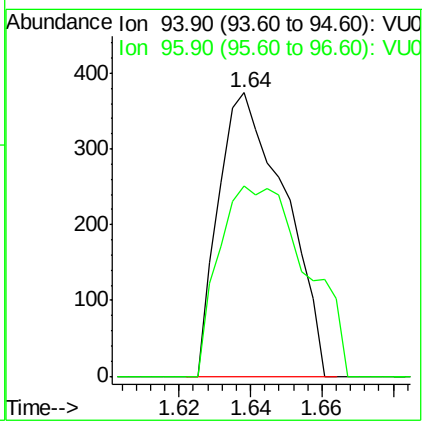


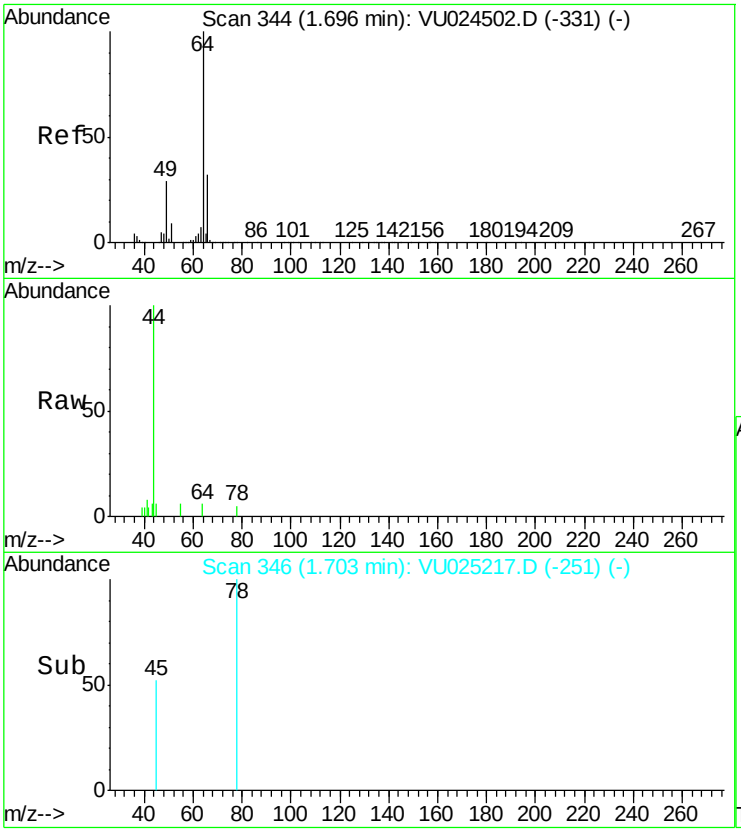


#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.64 min Scan# 326
Delta R.T. 0.02 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 94 Resp: 483

Ion	Ratio	Lower	Upper
94	100		
96	67.1	74.5	111.7#



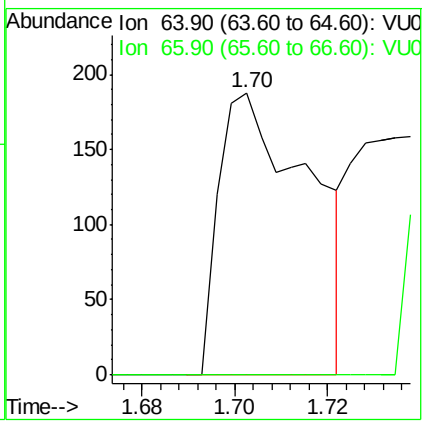


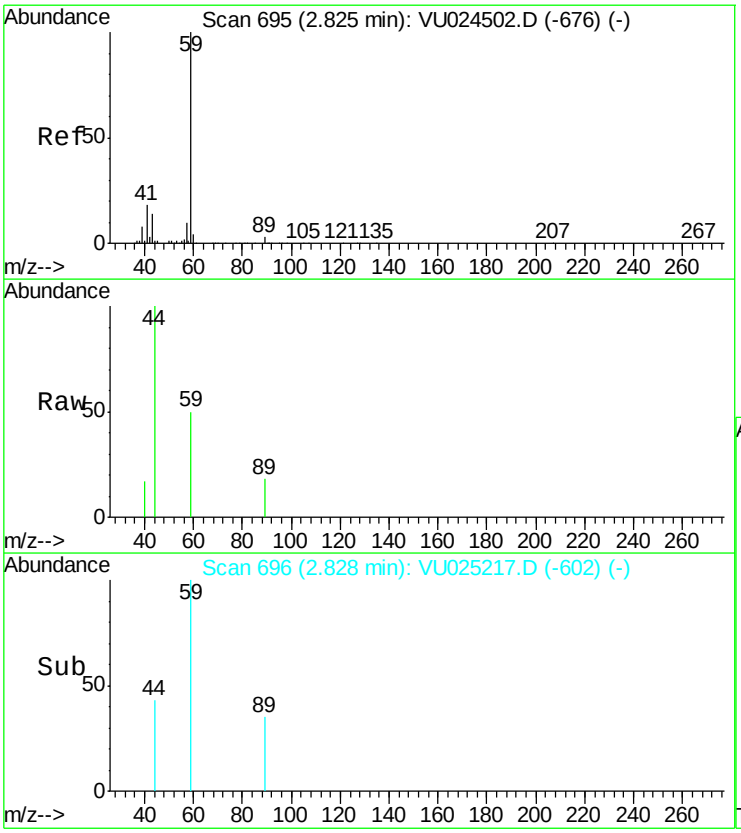
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 346
Delta R.T. 0.01 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 253

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

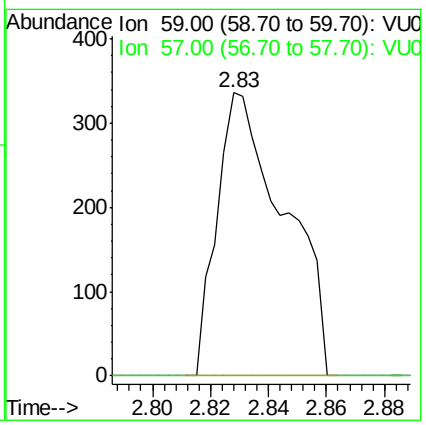


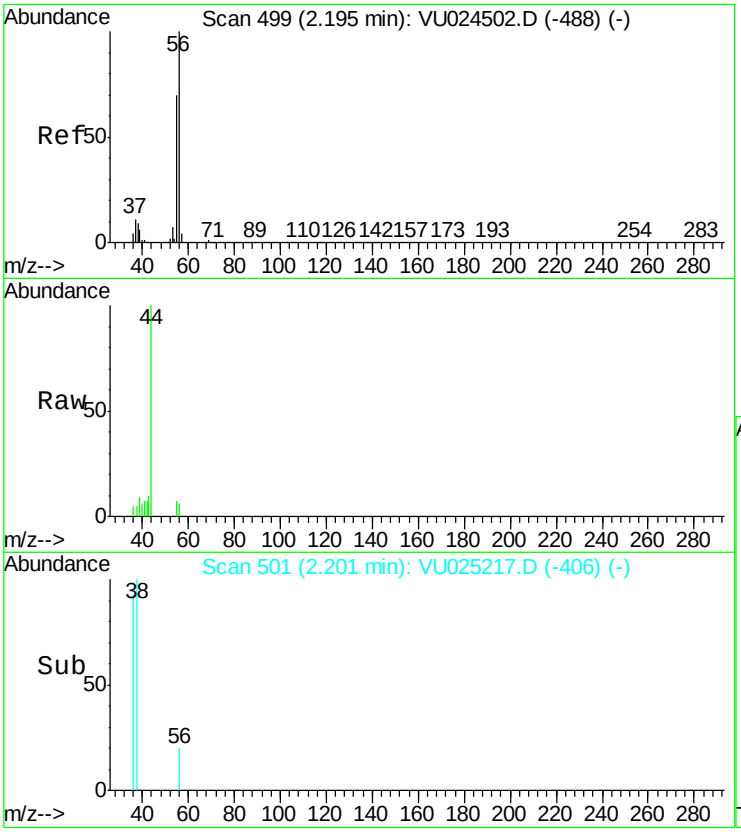


#11
Tert butyl alcohol
Concen: 0.66 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 59 Resp: 543

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



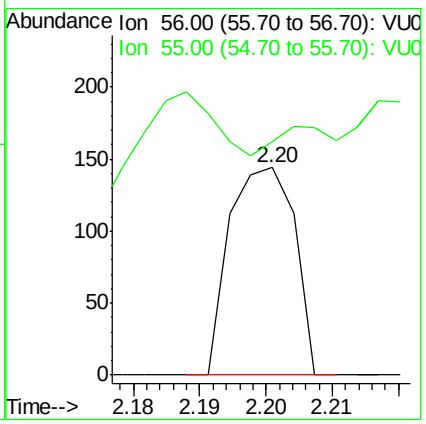


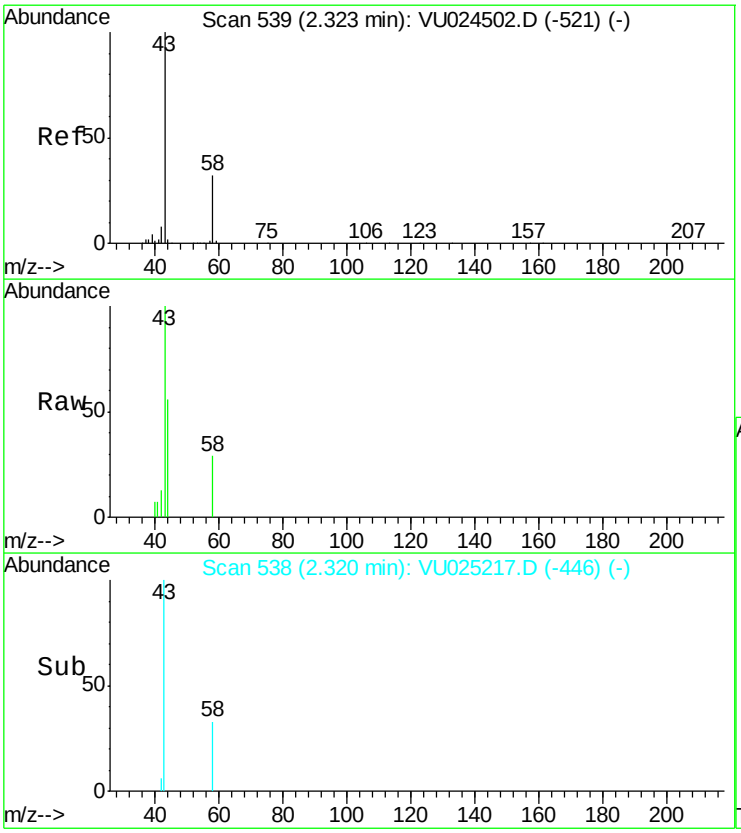
#13
Acrolein
Concen: 0.23 ug/l
RT: 2.20 min Scan# 501
Delta R.T. 0.01 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 98

Ion	Ratio	Lower	Upper
56	100		
55	66.3	58.4	87.6

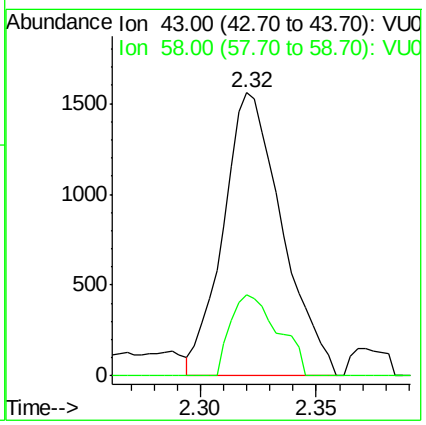


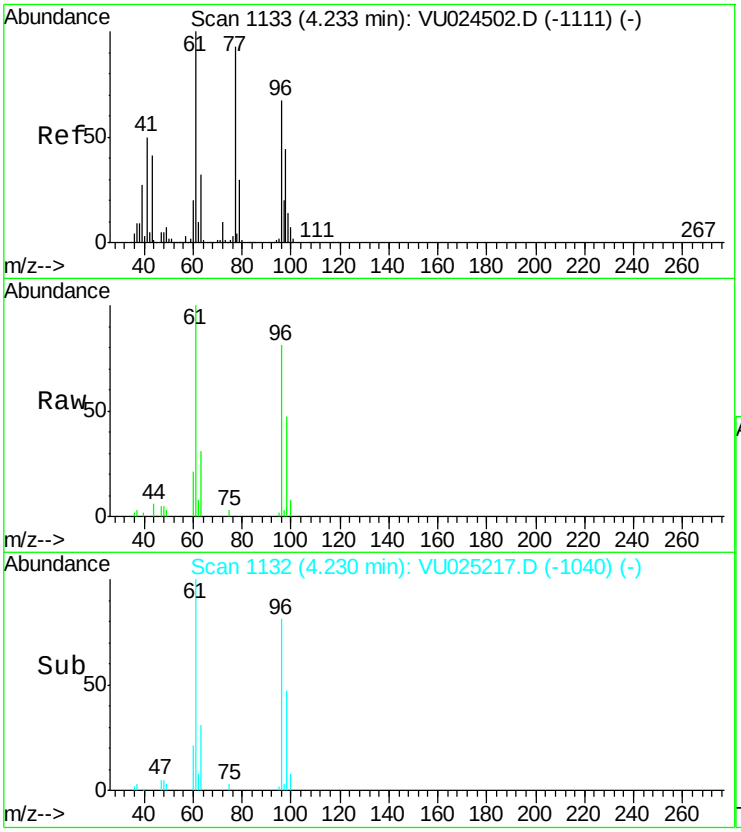


#16
Acetone
Concen: 1.52 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 43 Resp: 2753

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.4	36.6



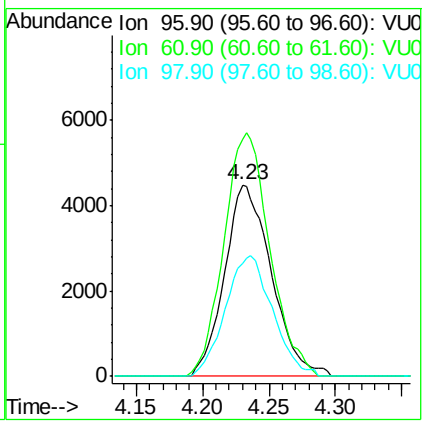


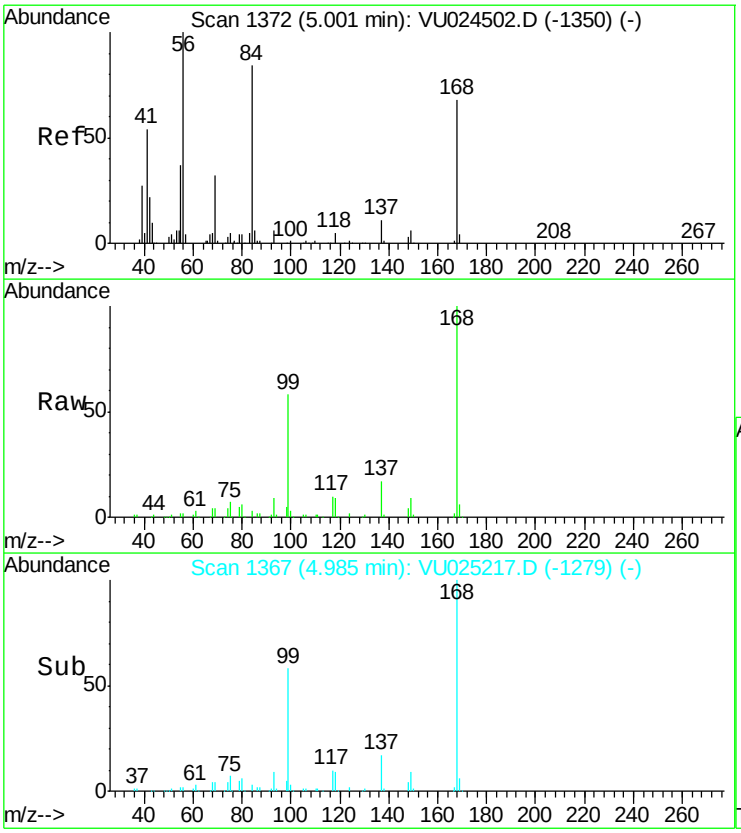
#27
cis-1,2-Dichloroethene
Concen: 3.70 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 11025

Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	306.6
98	63.4	0.0	128.8

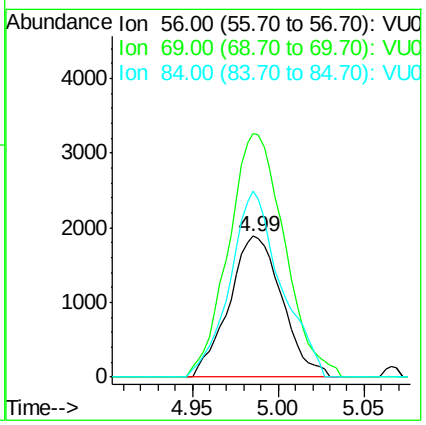


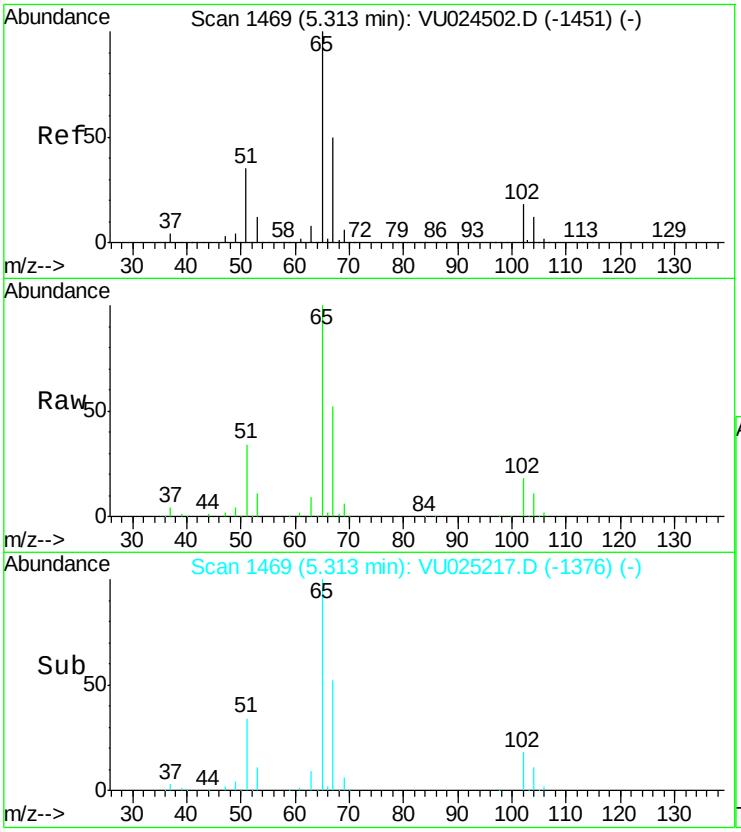


#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 56 Resp: 4050

Ion	Ratio	Lower	Upper
56	100		
69	173.0	24.8	37.2#
84	131.9	65.2	97.8#



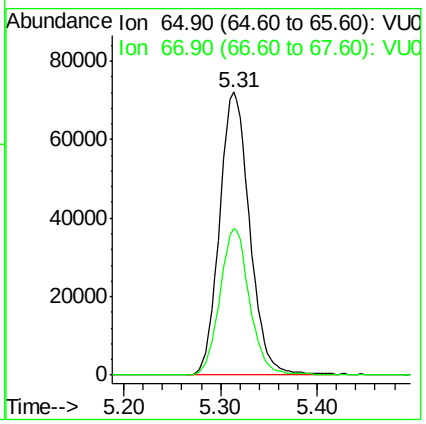


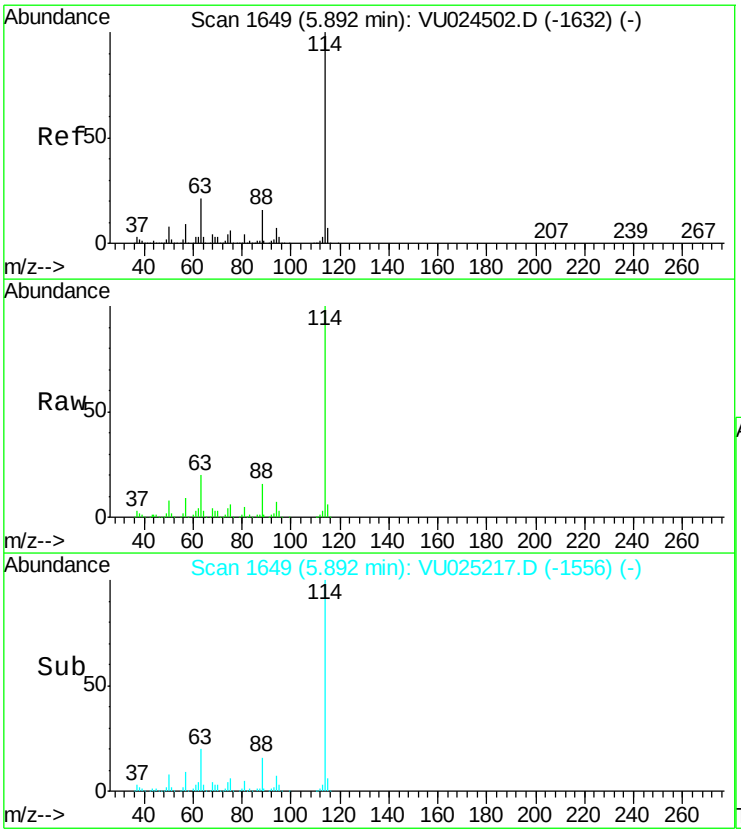
#33
1,2-Dichloroethane-d4
Concen: 46.26 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 65 Resp: 156198

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	107.0

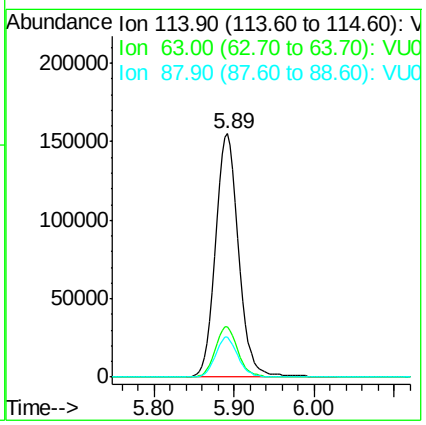


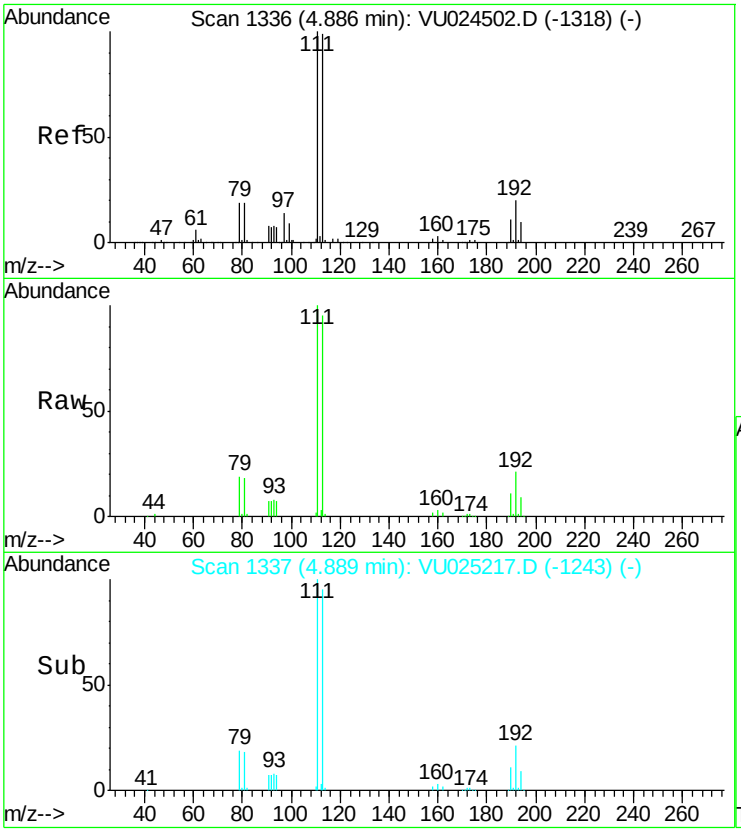


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion:114 Resp: 311328

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	45.4
88	16.3	0.0	31.0



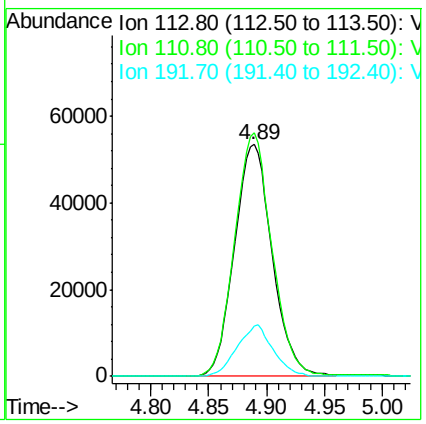


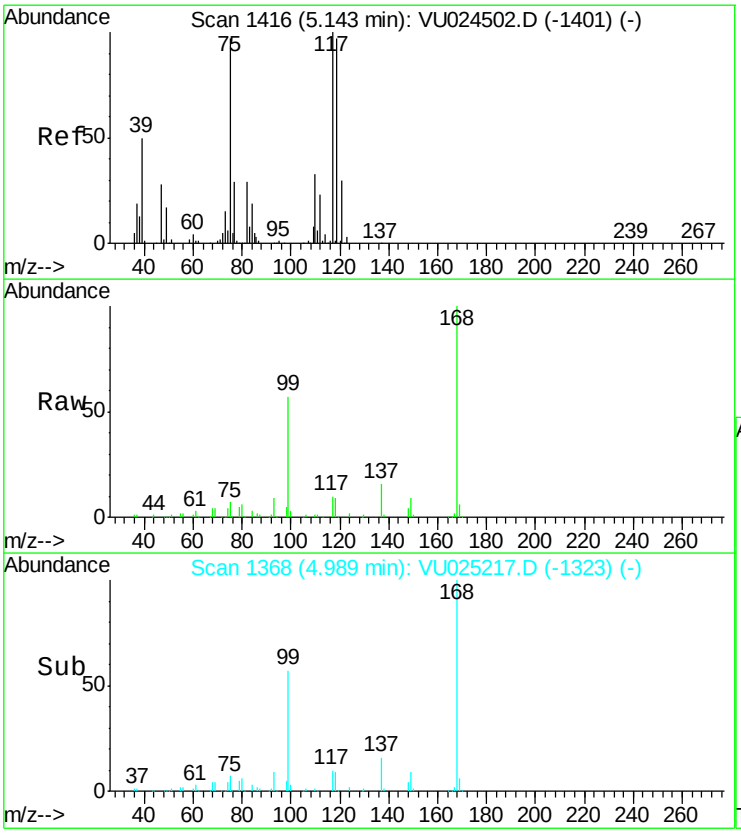
#35
Dibromofluoromethane
Concen: 46.96 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:113 Resp: 121335

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	21.1	16.2	24.4

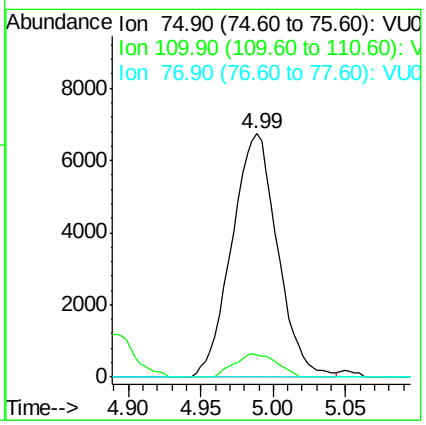


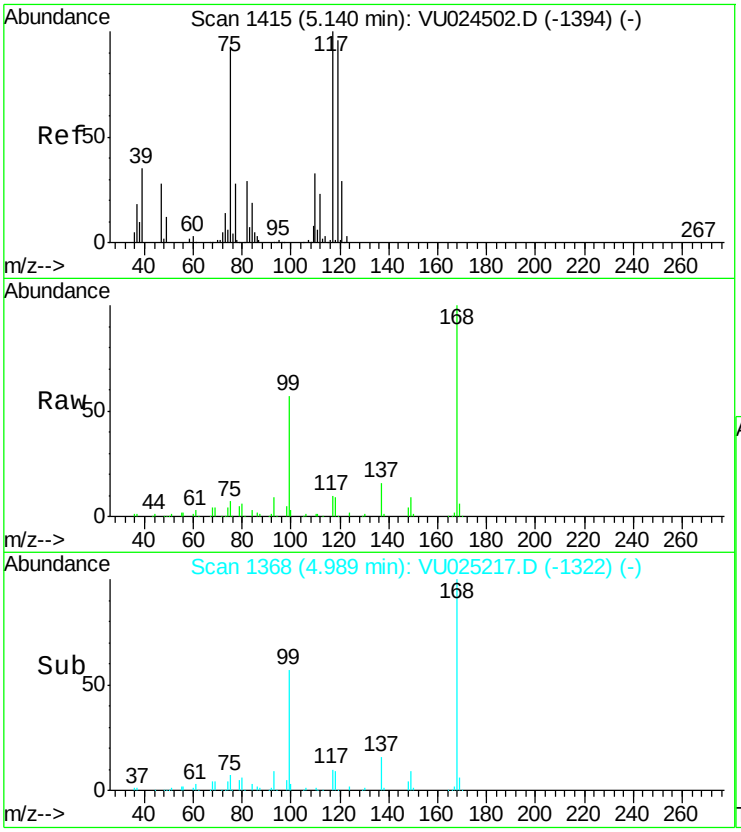


#36
1,1-Dichloropropene
Concen: 4.03 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 75 Resp: 14733

Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.0	50.9#
77	0.0	24.2	36.4#



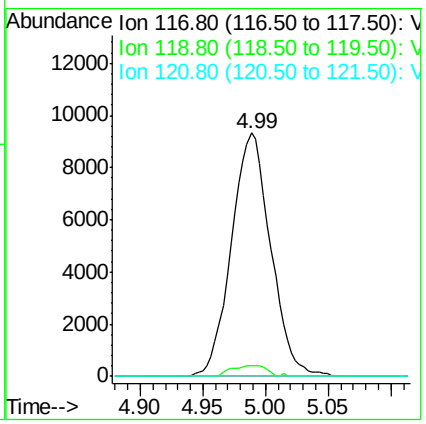


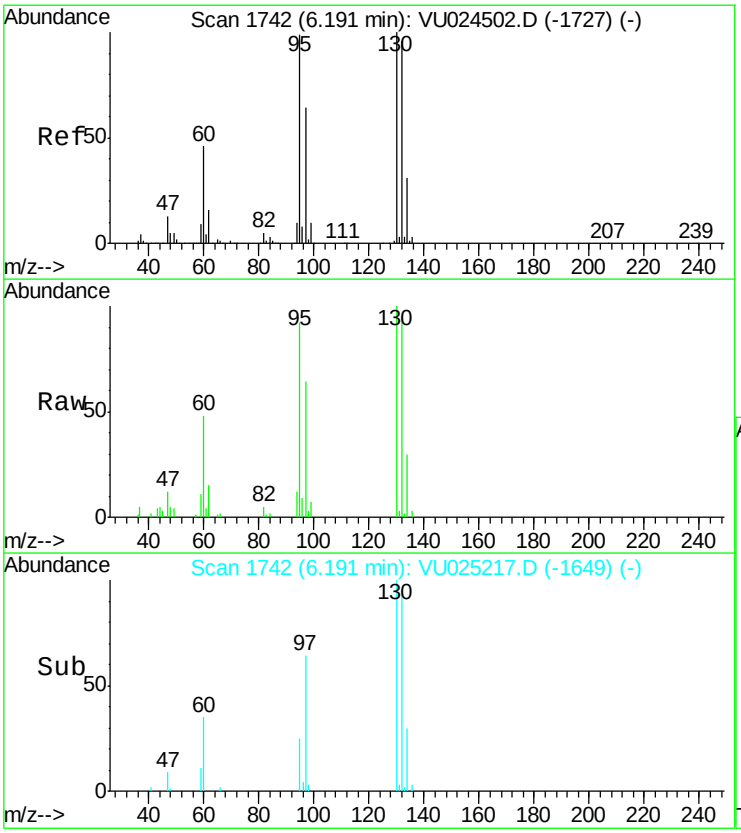
#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 20254

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.1	114.1#
121	0.0	23.7	35.5#

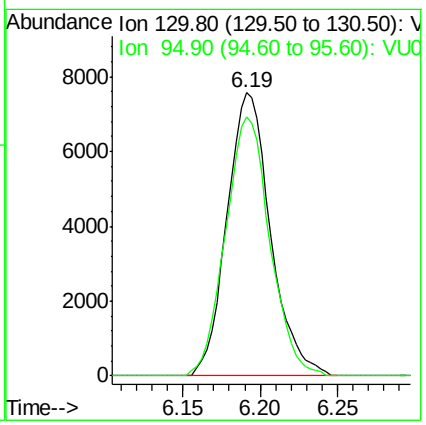


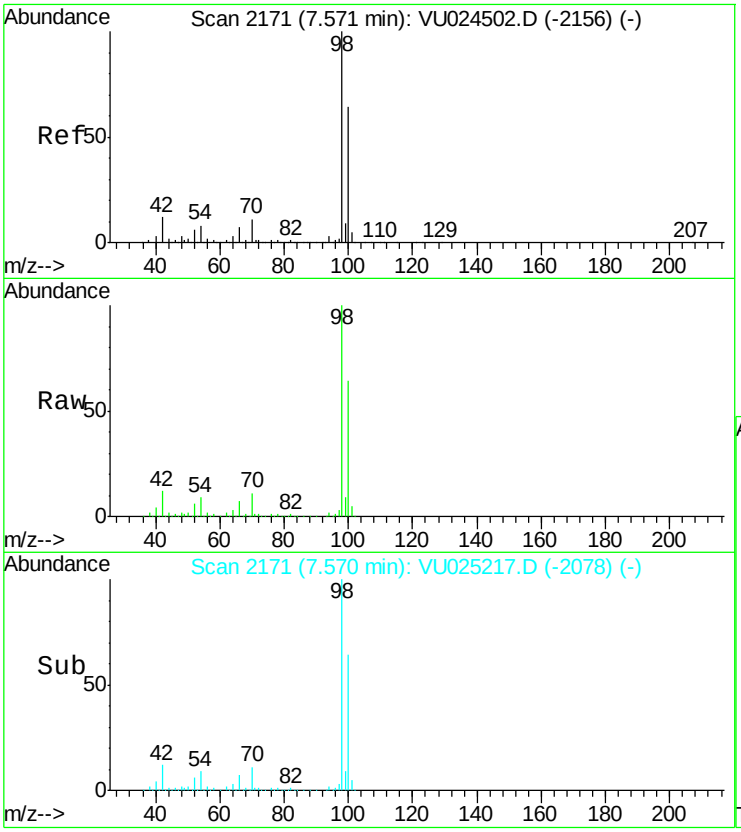


#44
Trichloroethene
Concen: 5.00 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion:130 Resp: 14824

Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	202.4



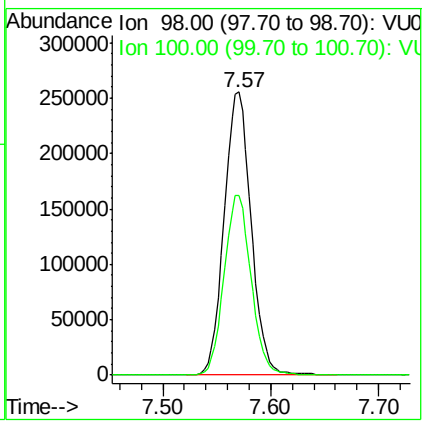


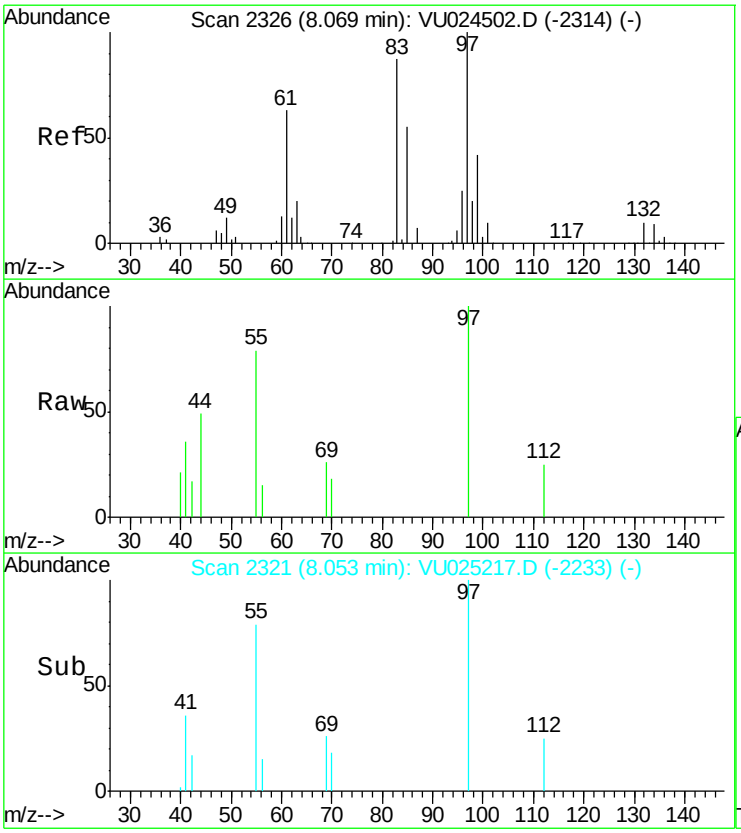
#50
Toluene-d8
Concen: 47.38 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 98 Resp: 446573

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7

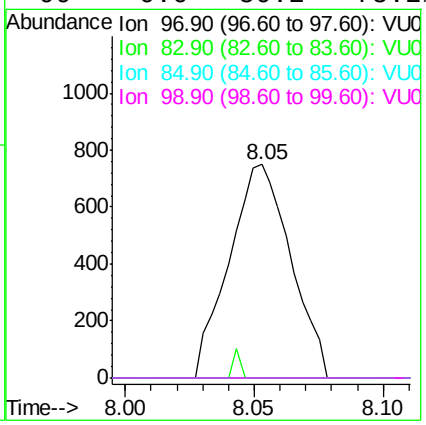


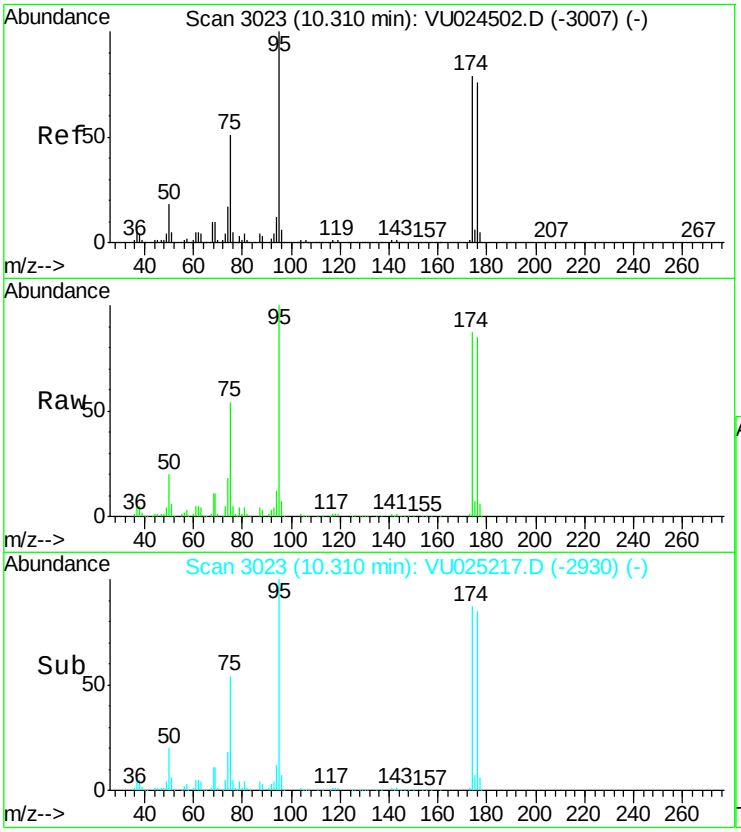


#55
1,1,2-Trichloroethane
Concen: 0.46 ug/l
RT: 8.05 min Scan# 2321
Delta R.T. -0.02 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 97 Resp: 1249

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.5	105.7#
85	0.0	46.4	69.6#
99	0.0	50.2	75.2#



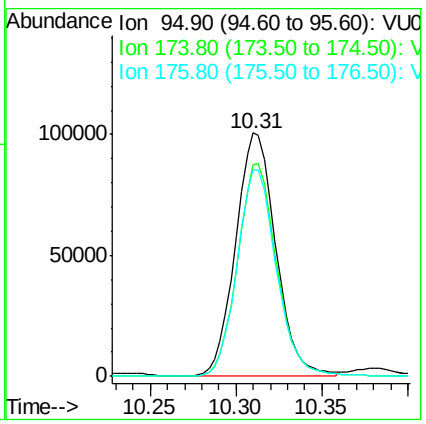


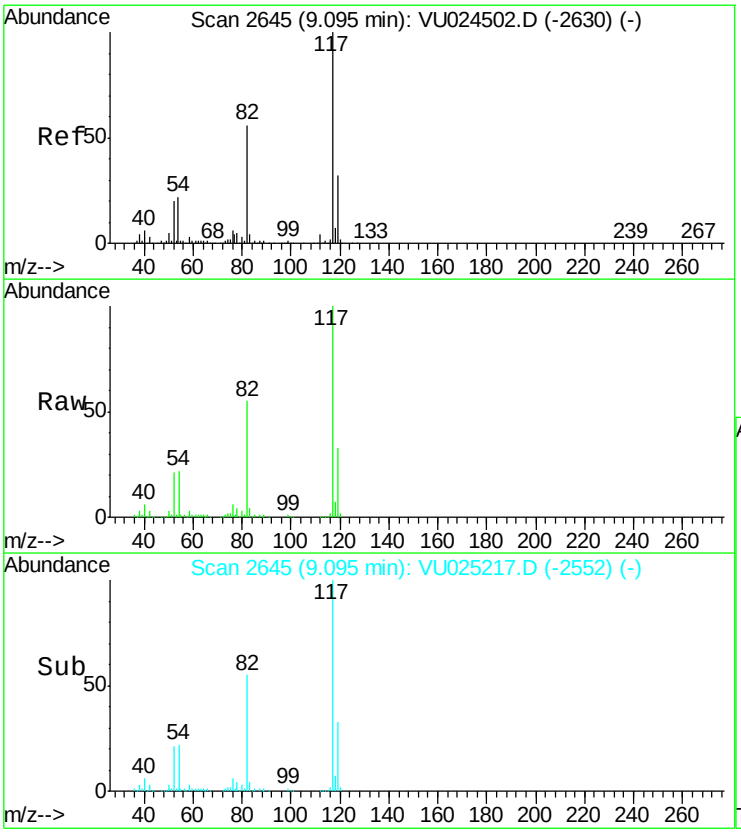
#62
4-Bromofluorobenzene
Concen: 43.64 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 163304

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	165.8
176	83.5	0.0	159.4

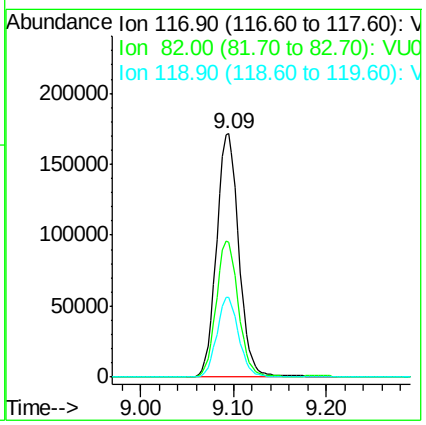


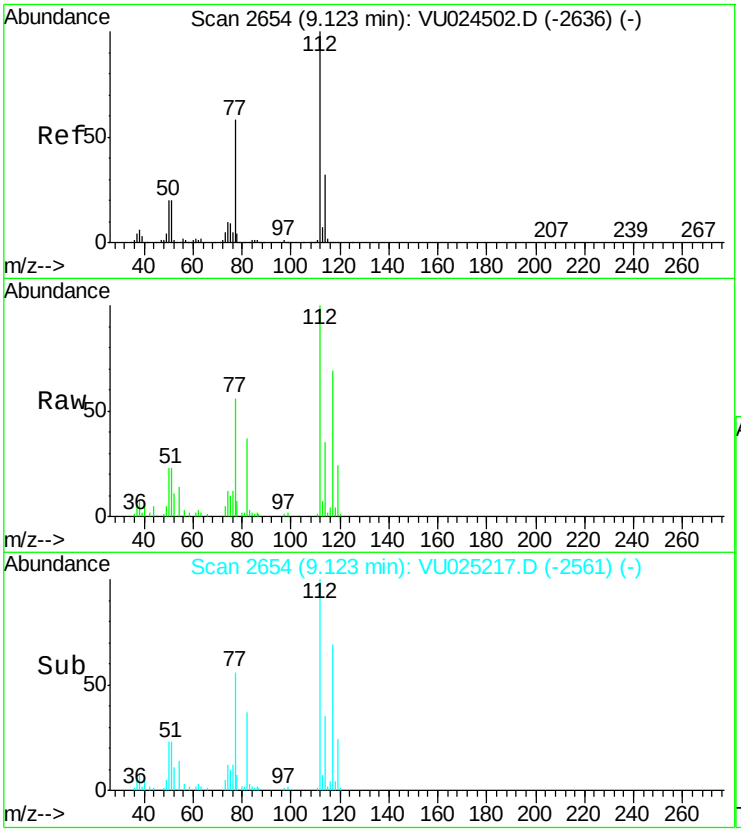


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion:117 Resp: 286453

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.3	66.5
119	32.7	25.4	38.2



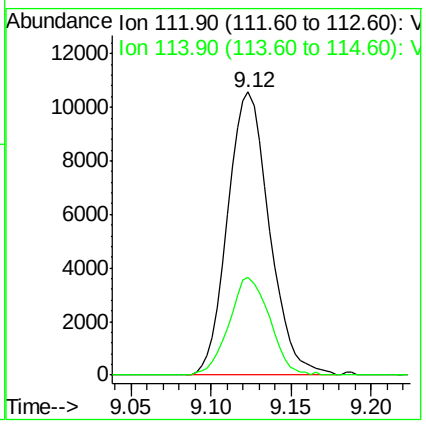


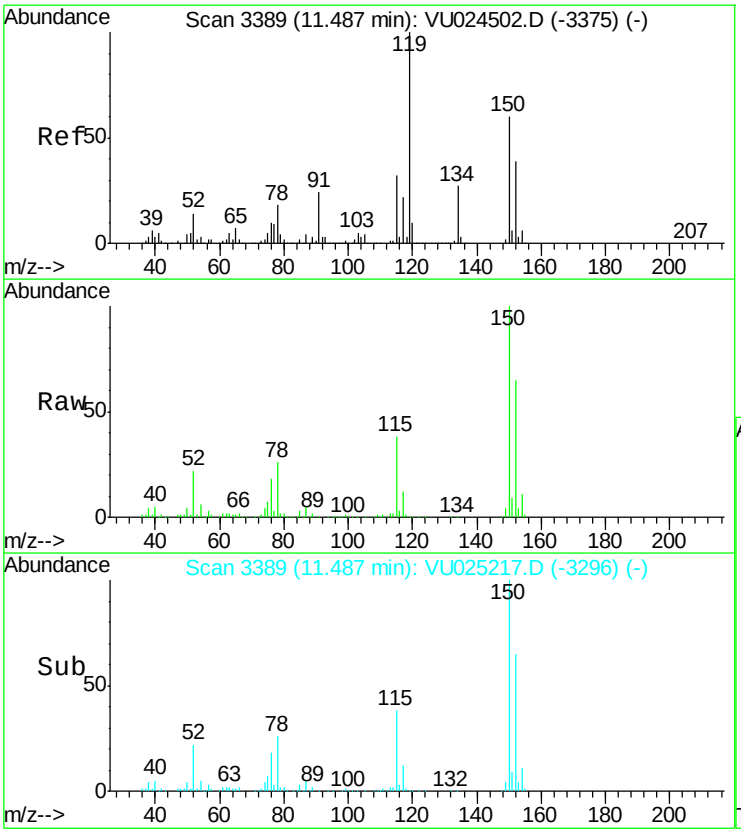
#65
Chlorobenzene
Concen: 2.57 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 18832

Ion	Ratio	Lower	Upper
112	100		
114	34.6	25.6	38.4

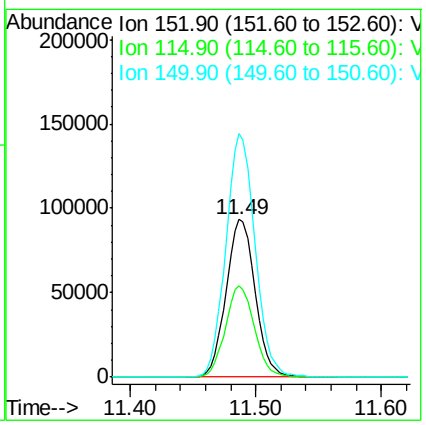


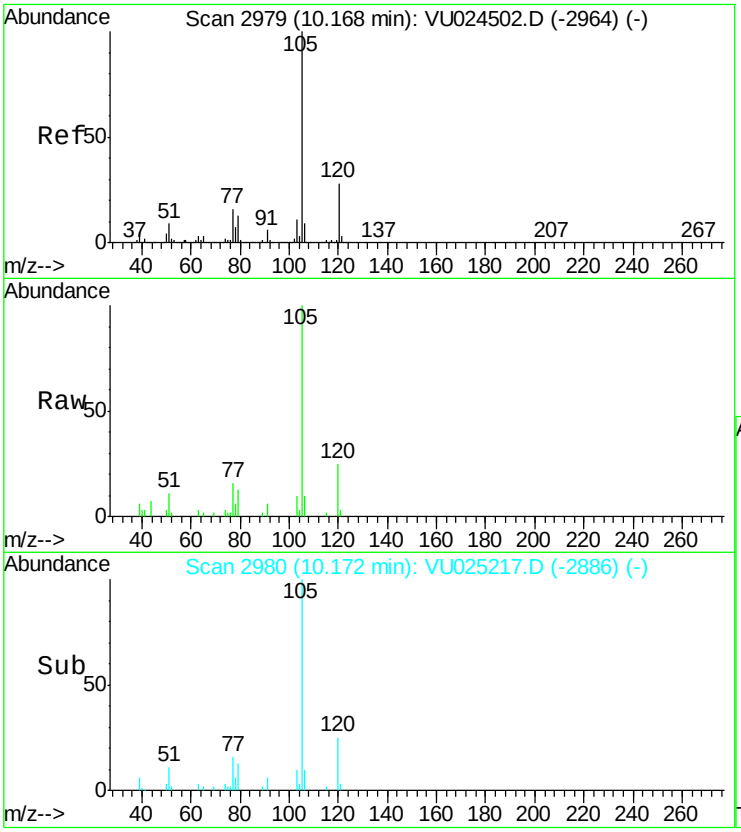


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion:152 Resp: 150371

Ion	Ratio	Lower	Upper
152	100		
115	57.7	43.0	129.0
150	155.1	0.0	354.0



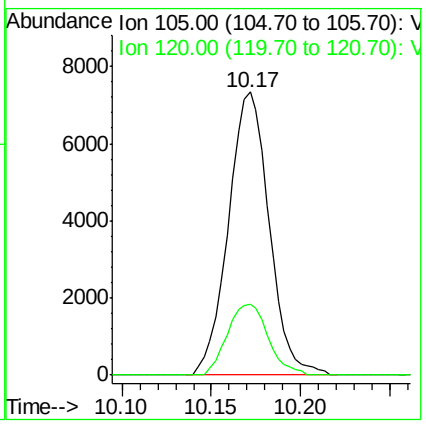


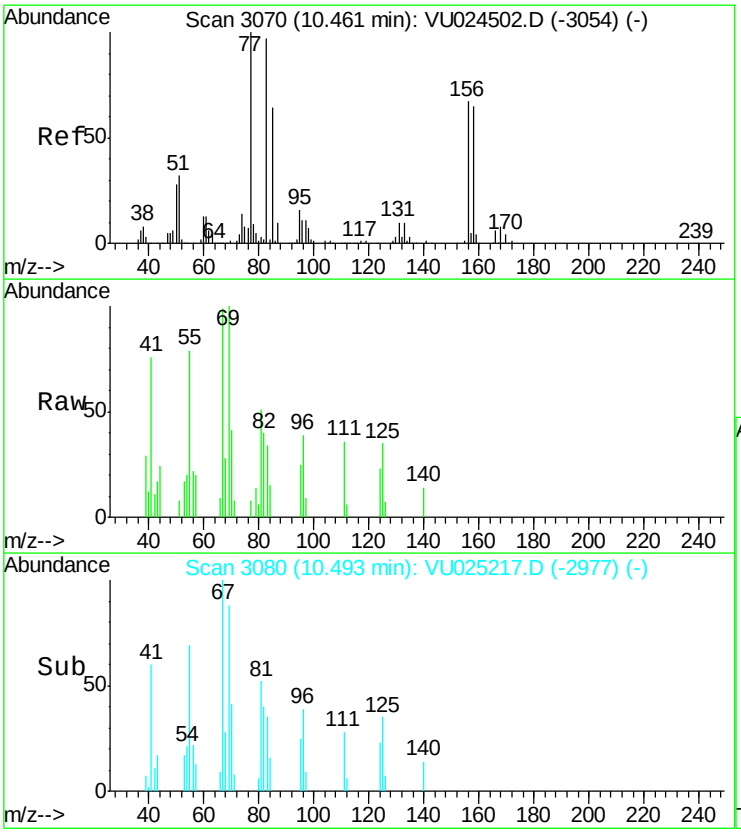
#73
Isopropylbenzene
Concen: 1.01 ug/l
RT: 10.17 min Scan# 2980
Delta R.T. 0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 11631

Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.2	39.6

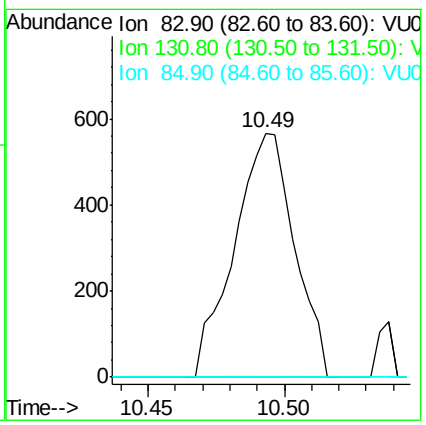


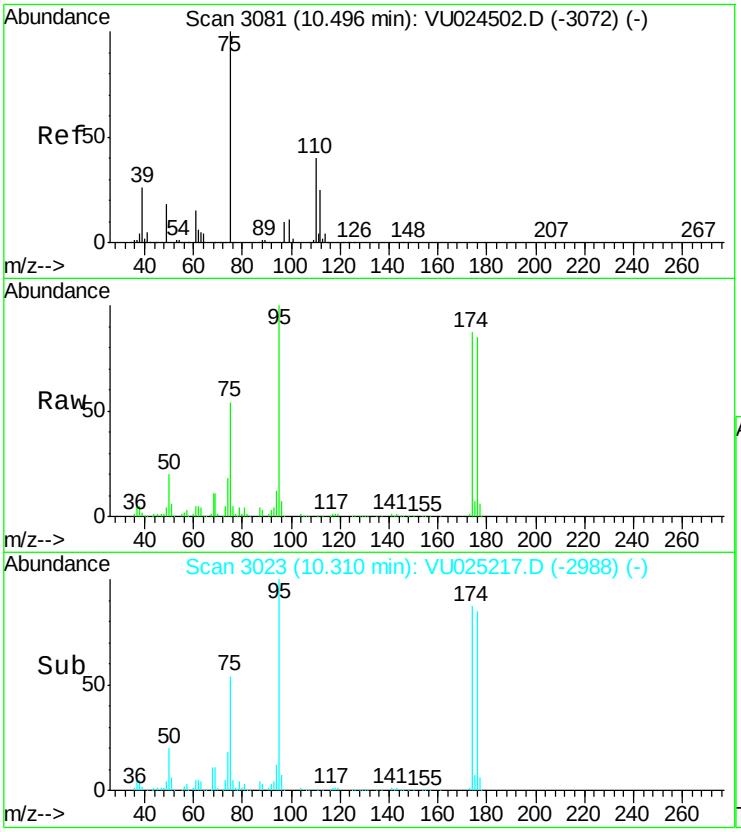


#75
1,1,2,2-Tetrachloroethane
Concen: 0.22 ug/l
RT: 10.49 min Scan# 3080
Delta R.T. 0.03 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 83 Resp: 867

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	0.0	32.5	97.5#



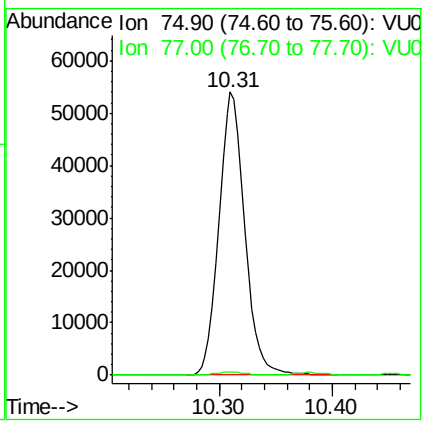


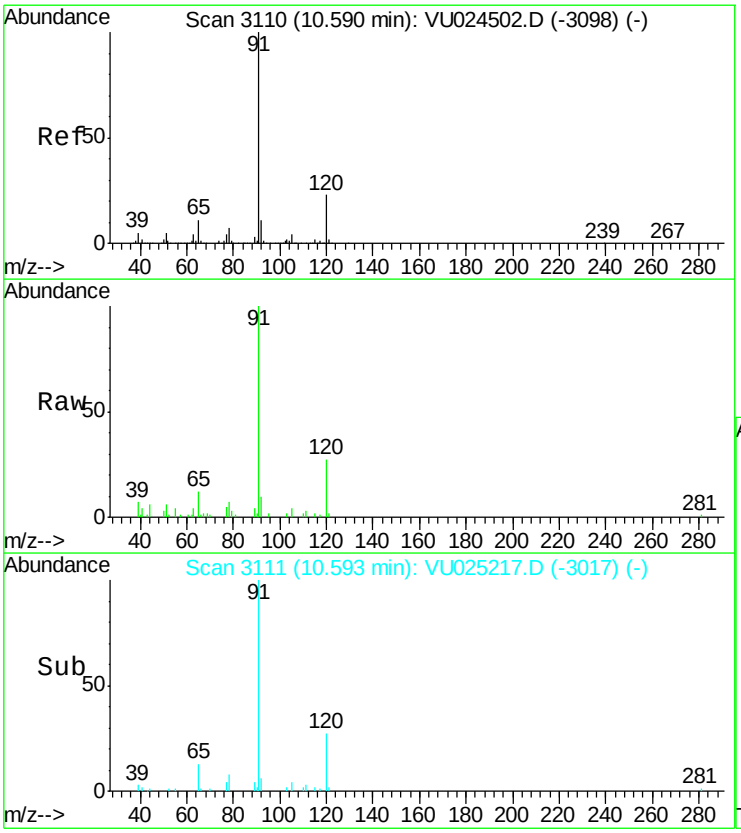
#76
1,2,3-Trichloropropane
Concen: 25.88 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 85676

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.7#

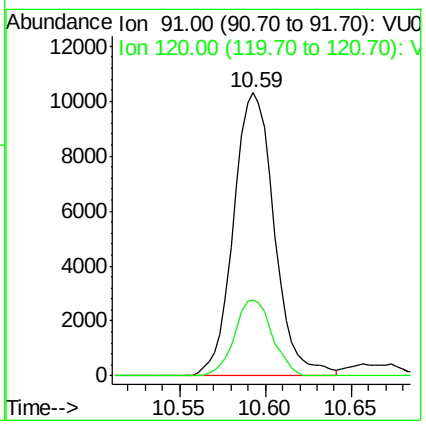


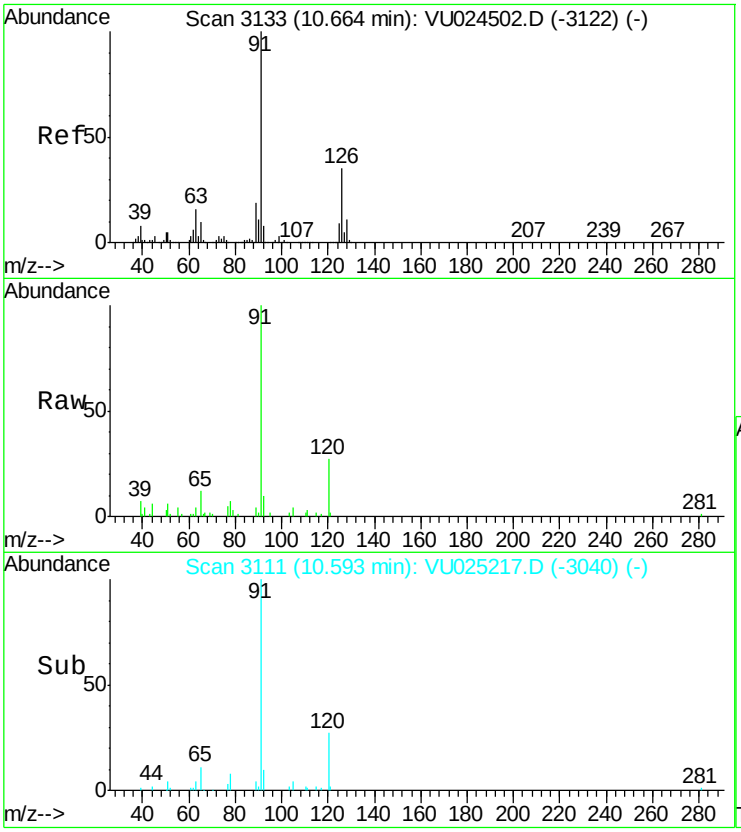


#78
n-propylbenzene
Concen: 1.25 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. 0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 91 Resp: 16966

Ion	Ratio	Lower	Upper
91	100		
120	24.6	11.2	33.5



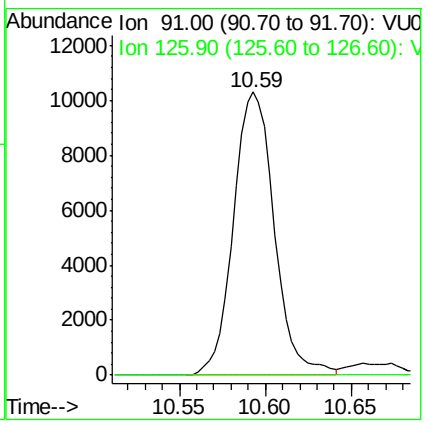


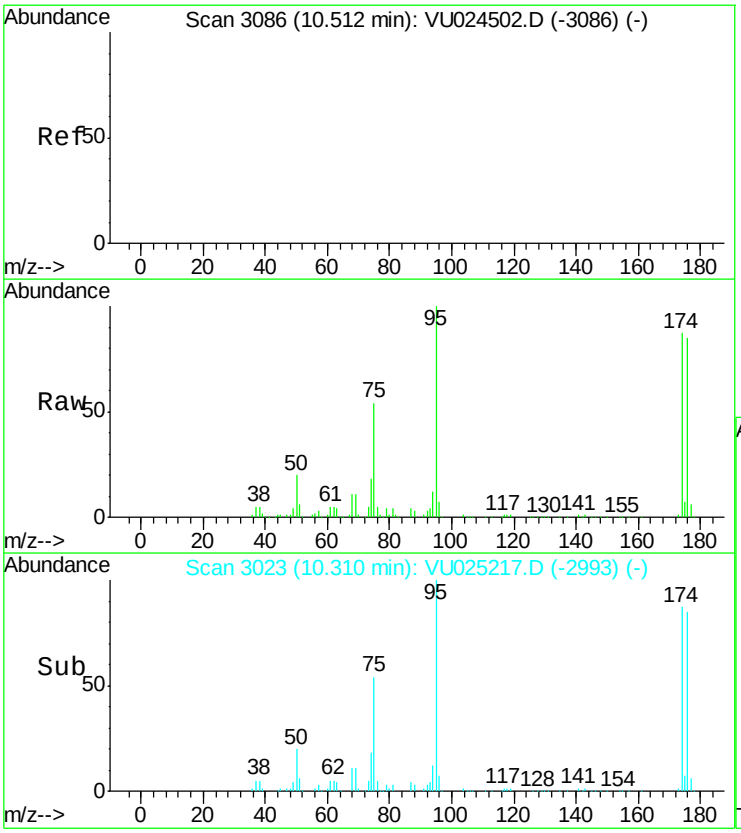
#79
2-Chlorotoluene
Concen: 2.12 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. -0.07 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 16966

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.9	50.7#

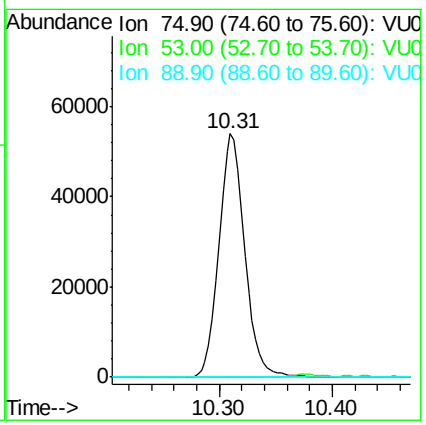


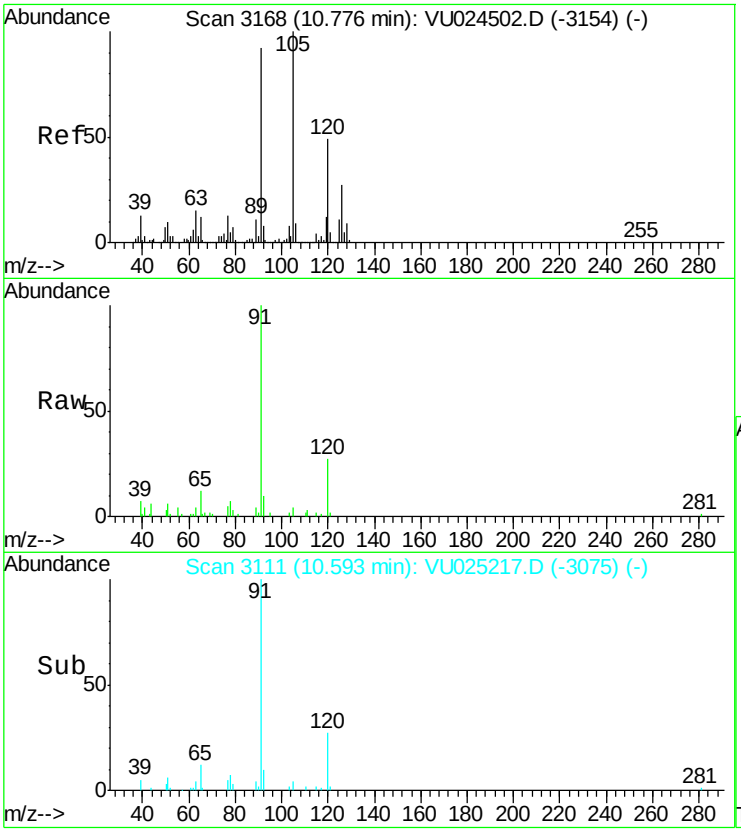


#81
trans-1,4-Dichloro-2-butene
Concen: 59.90 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 75 Resp: 85676

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



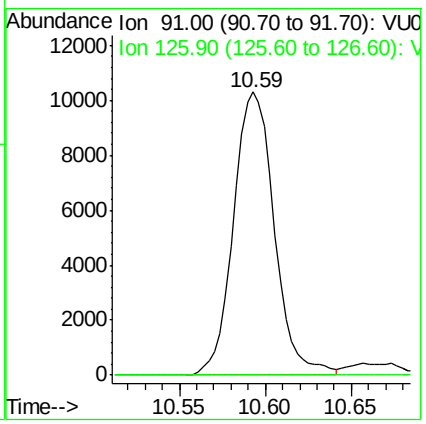


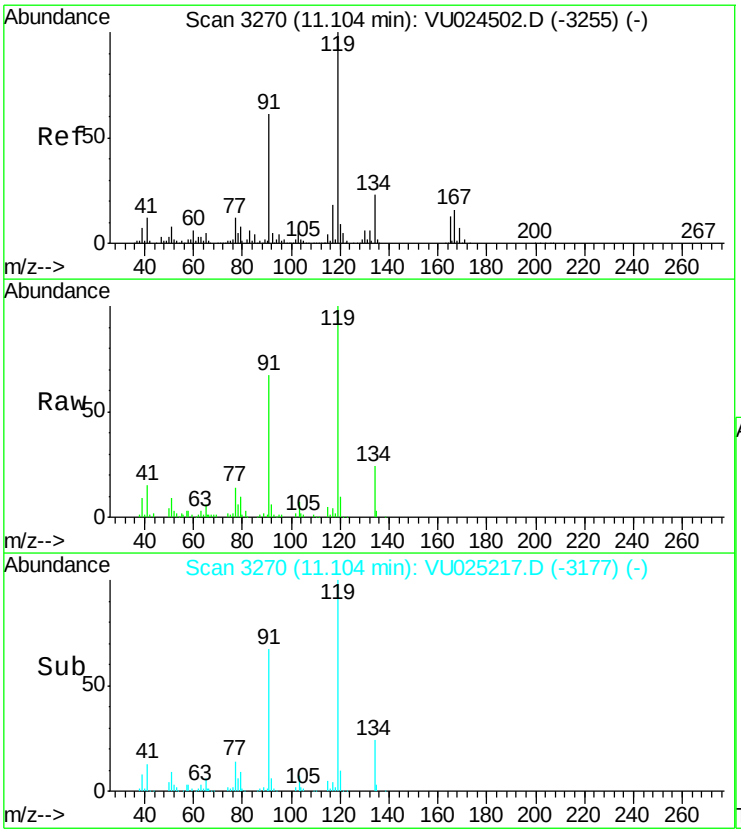
#82
4-Chlorotoluene
Concen: 1.82 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. -0.18 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 16966

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.9	44.9#

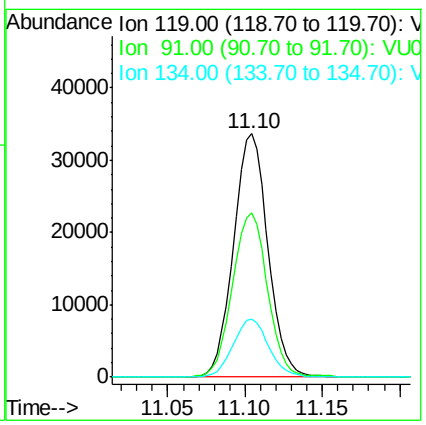


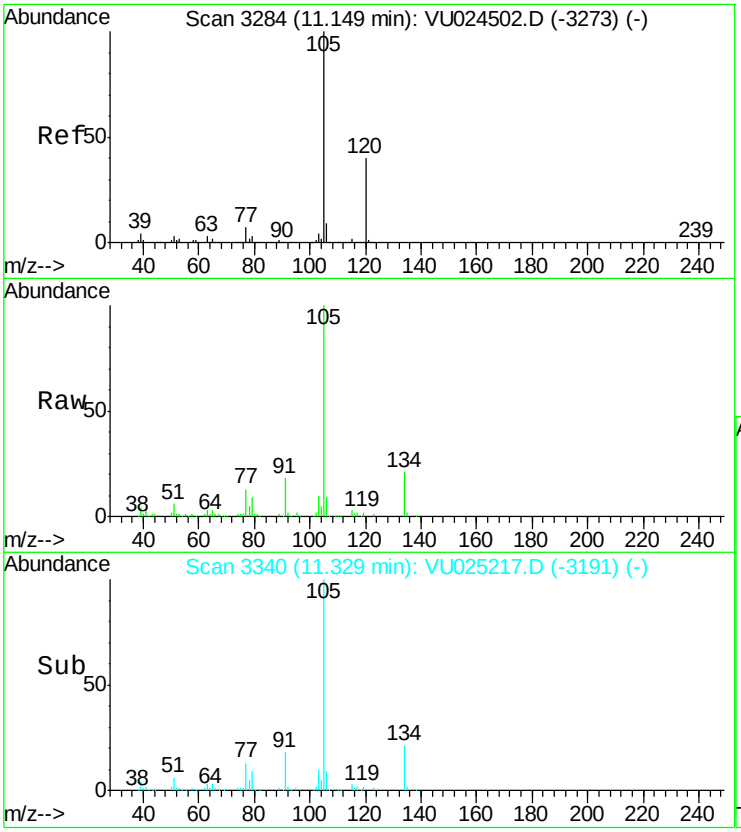


#83
tert-Butylbenzene
Concen: 5.39 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion:119 Resp: 51922

Ion	Ratio	Lower	Upper
119	100		
91	69.0	29.7	89.1
134	24.5	11.6	34.7



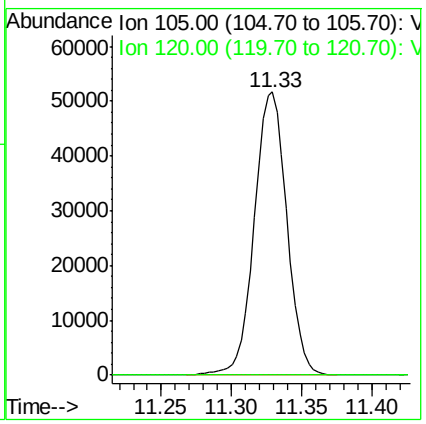


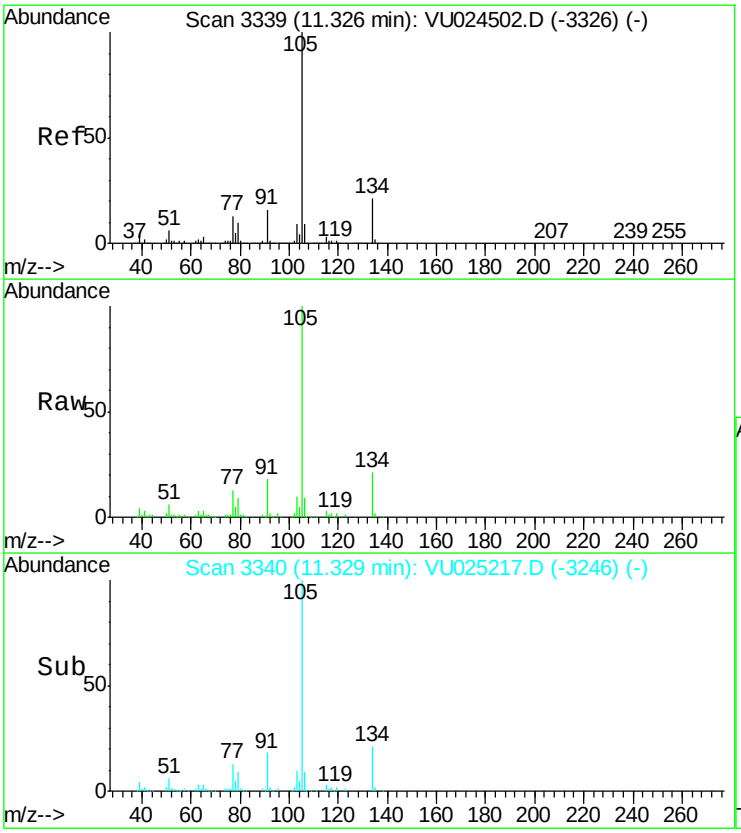
#84
1,2,4-Trimethylbenzene
Concen: 8.17 ug/l
RT: 11.33 min Scan# 3340
Delta R.T. 0.18 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 83332

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.6	67.8#

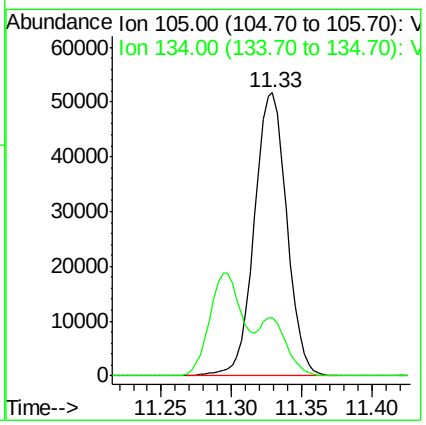


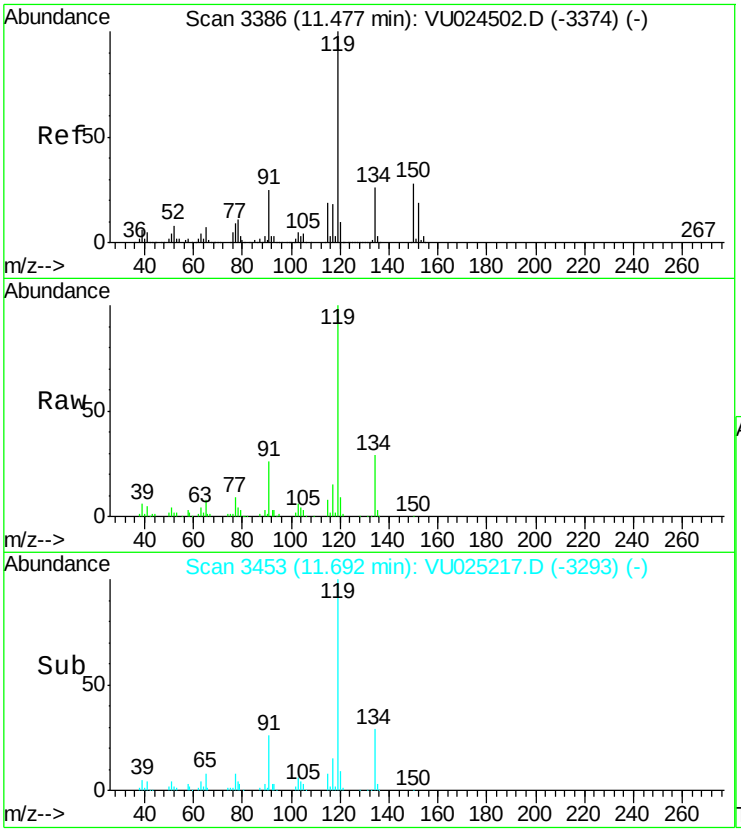


#85
sec-Butylbenzene
Concen: 6.92 ug/l
RT: 11.33 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion:105 Resp: 83332

Ion	Ratio	Lower	Upper
105	100		
134	17.1	9.7	29.1



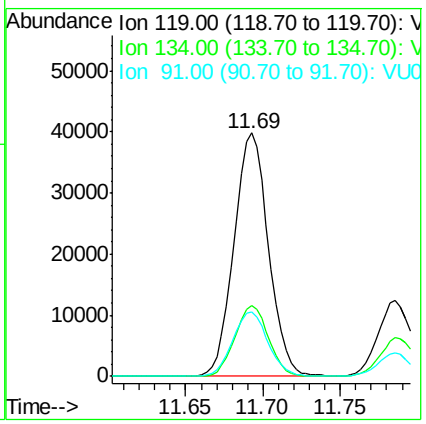


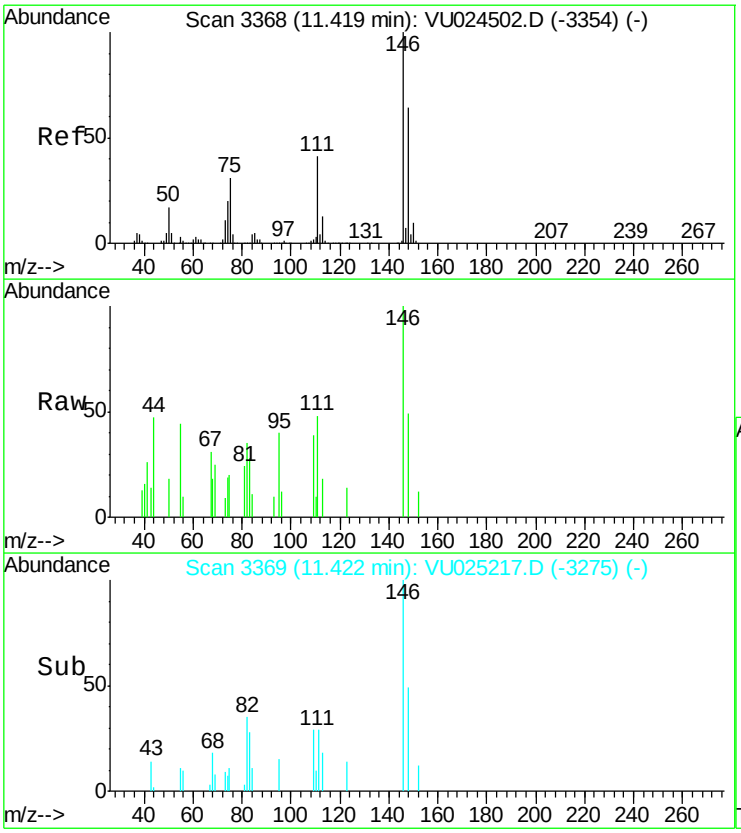
#86
p-Isopropyltoluene
Concen: 5.70 ug/l
RT: 11.69 min Scan# 3453
Delta R.T. 0.22 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:119 Resp: 61531

Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.9	38.6
91	27.2	12.0	36.1

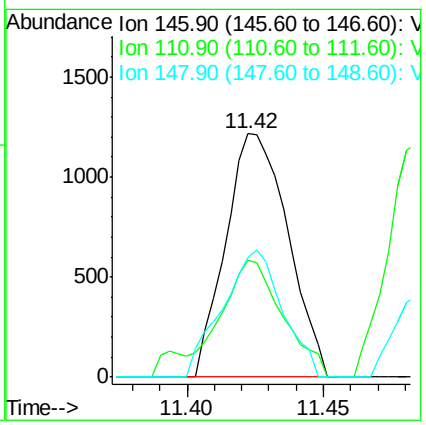


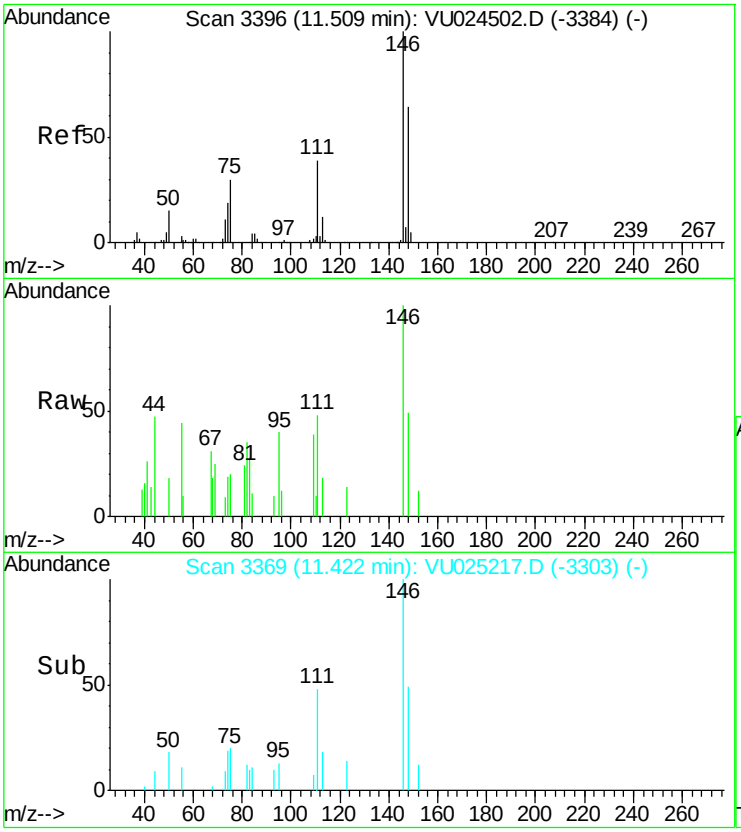


#87
1,3-Dichlorobenzene
Concen: 0.36 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion:146 Resp: 1924

Ion	Ratio	Lower	Upper
146	100		
111	47.5	20.0	60.0
148	50.4	32.1	96.5



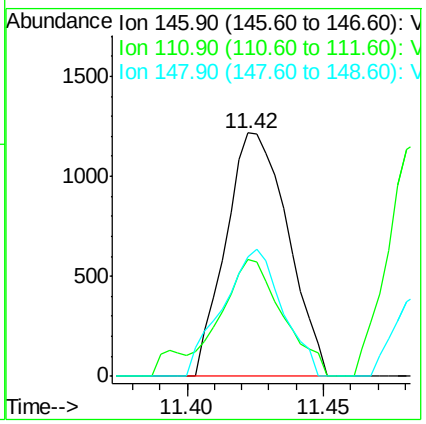


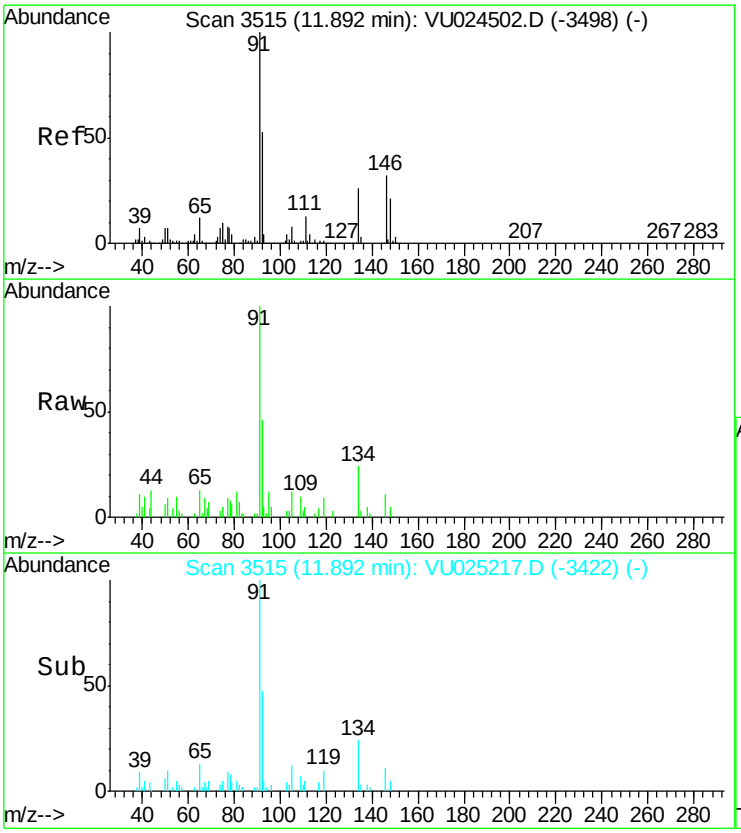
#88
1,4-Dichlorobenzene
Concen: 0.35 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. -0.09 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 1924

Ion	Ratio	Lower	Upper
146	100		
111	47.5	19.5	58.5
148	50.4	32.4	97.0

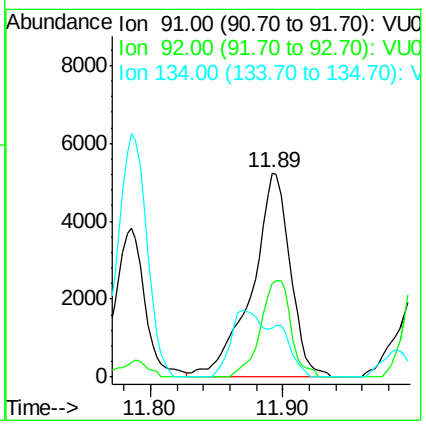


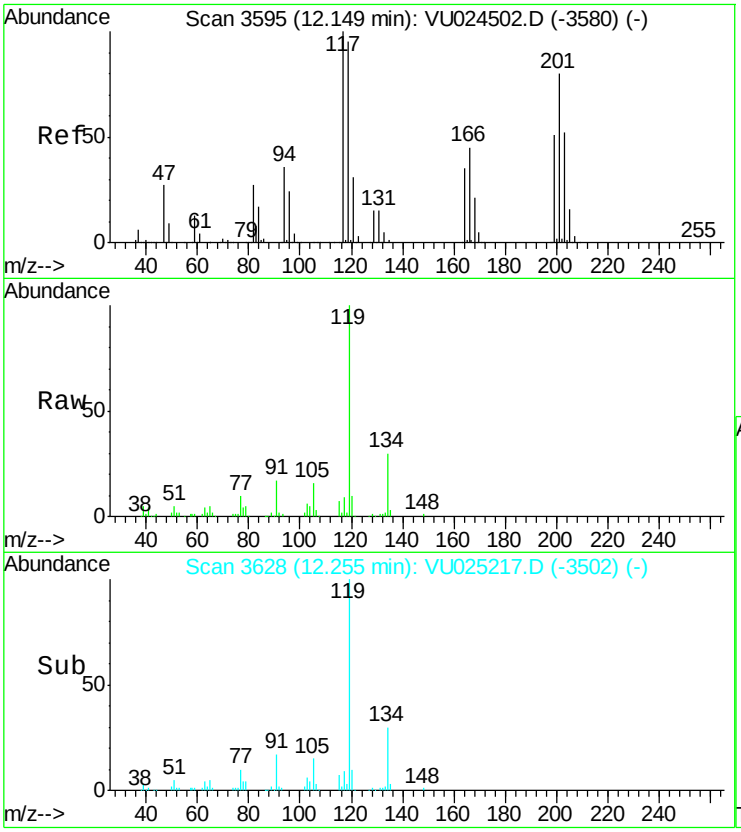


#89
n-Butylbenzene
Concen: 1.11 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 91 Resp: 10590

Ion	Ratio	Lower	Upper
91	100		
92	37.8	25.6	76.8
134	0.0	12.3	36.8#



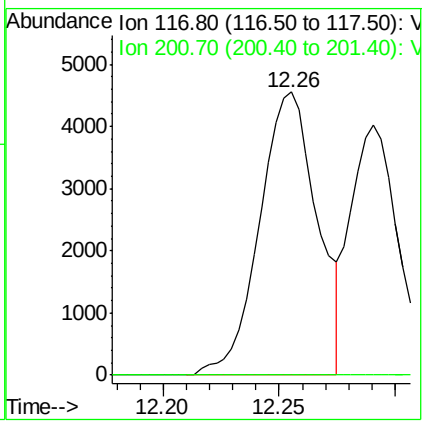


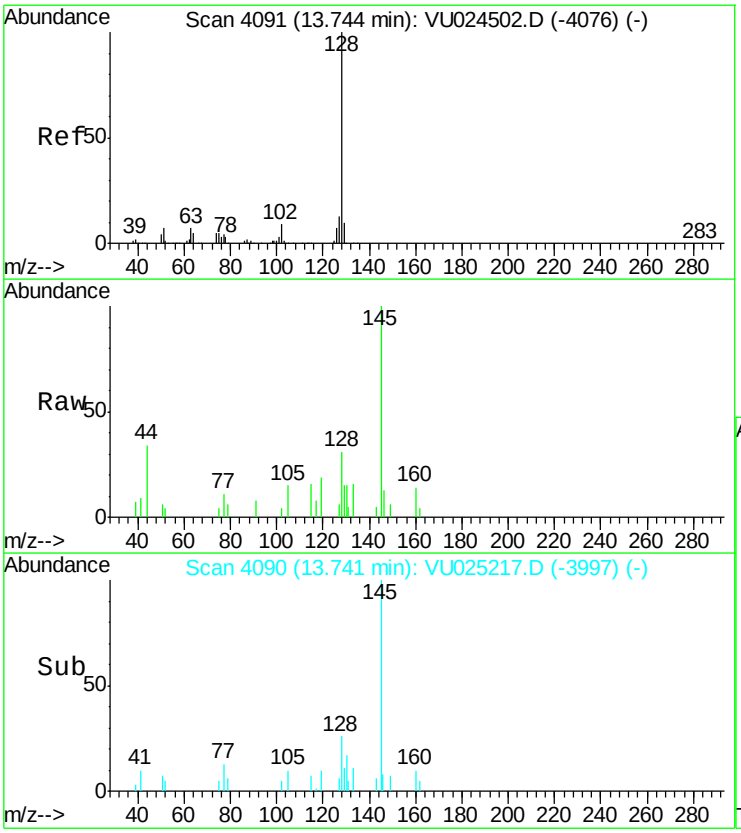
#90
Hexachloroethane
Concen: 3.75 ug/l
RT: 12.26 min Scan# 3628
Delta R.T. 0.11 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 7888

Ion	Ratio	Lower	Upper
117	100		
201	0.0	41.1	123.3#





#95
Naphthalene
Concen: 0.86 ug/l
RT: 13.74 min Scan# 4090
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion:128 Resp: 2074

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	41.7	8.6	12.8#