Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027386.D
Acq On : 04 Oct 2018 03:18
Operator : MD/SY
Sample : J5218-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 04 07:39:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.99	168	90696	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.89	114	164467	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	162469	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	84412	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	97061	64.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 128.18%				
35) Dibromofluoromethane	4.89	113	69692	61.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 123.66%				
50) Toluene-d8	7.57	98	255507	60.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 121.14%				
62) 4-Bromofluorobenzene	10.31	95	89596	57.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.30%				
Target Compounds							Qvalue
6) Chloroethane	1.79	64	473	0.473	ug/l	#	44
11) Tert butyl alcohol	2.84	59	267	0.837	ug/l	#	72
14) Allyl chloride	2.70	41	712	0.313	ug/l	#	26
16) Acetone	2.32	43	8016	8.960	ug/l		98
17) Carbon Disulfide	2.48	76	1941	0.562	ug/l		100
18) Methyl Acetate	2.62	43	2505	1.227	ug/l		93
20) Methylene Chloride	2.70	84	14590	11.707	ug/l		98
25) 2-Butanone	4.29	43	1316	1.079	ug/l		98
28) Bromochloromethane	4.68	49	315	0.275	ug/l	#	24
29) Tetrahydrofuran	4.65	42	245	0.319	ug/l	#	75
30) Chloroform	4.68	83	3672	1.739	ug/l		96
31) Cyclohexane	4.99	56	2610	0.841	ug/l	#	1
36) 1,1-Dichloropropene	4.99	75	8594	4.813	ug/l	#	49
37) Ethyl Acetate	4.29	43	1316	0.570	ug/l	#	70
38) Carbon Tetrachloride	4.98	117	9311	5.772	ug/l	#	18
39) Methylcyclohexane	6.42	83	1233	0.591	ug/l		98
43) Isopropyl Acetate	5.55	43	97781	27.280	ug/l		97
47) Bromodichloromethane	6.76	83	834	0.474	ug/l	#	84
48) Methyl methacrylate	6.71	41	9195	5.159	ug/l	#	44
51) 4-Methyl-2-Pentanone	7.47	43	632	0.271	ug/l	#	57
56) Ethyl methacrylate	7.92	69	70	2.300	ug/l	#	1
59) 2-Hexanone	8.42	43	6171	3.415	ug/l	#	52
73) Isopropylbenzene	10.17	105	1960	0.320	ug/l		96
76) 1,2,3-Trichloropropane	10.31	75	48213	22.034	ug/l	#	37
78) n-propylbenzene	10.59	91	3993	0.542	ug/l		98
79) 2-Chlorotoluene	10.59	91	3993	0.898	ug/l	#	43
80) 1,3,5-Trimethylbenzene	10.78	105	1141	0.229	ug/l		96
81) trans-1,4-Dichloro-2-buten	10.31	75	48213	57.664	ug/l	#	100
89) n-Butylbenzene	11.89	91	1735	2.251	ug/l	#	49
90) Hexachloroethane	12.25	117	820	0.836	ug/l	#	12
95) Naphthalene	13.75	128	6790	2.689	ug/l	#	95

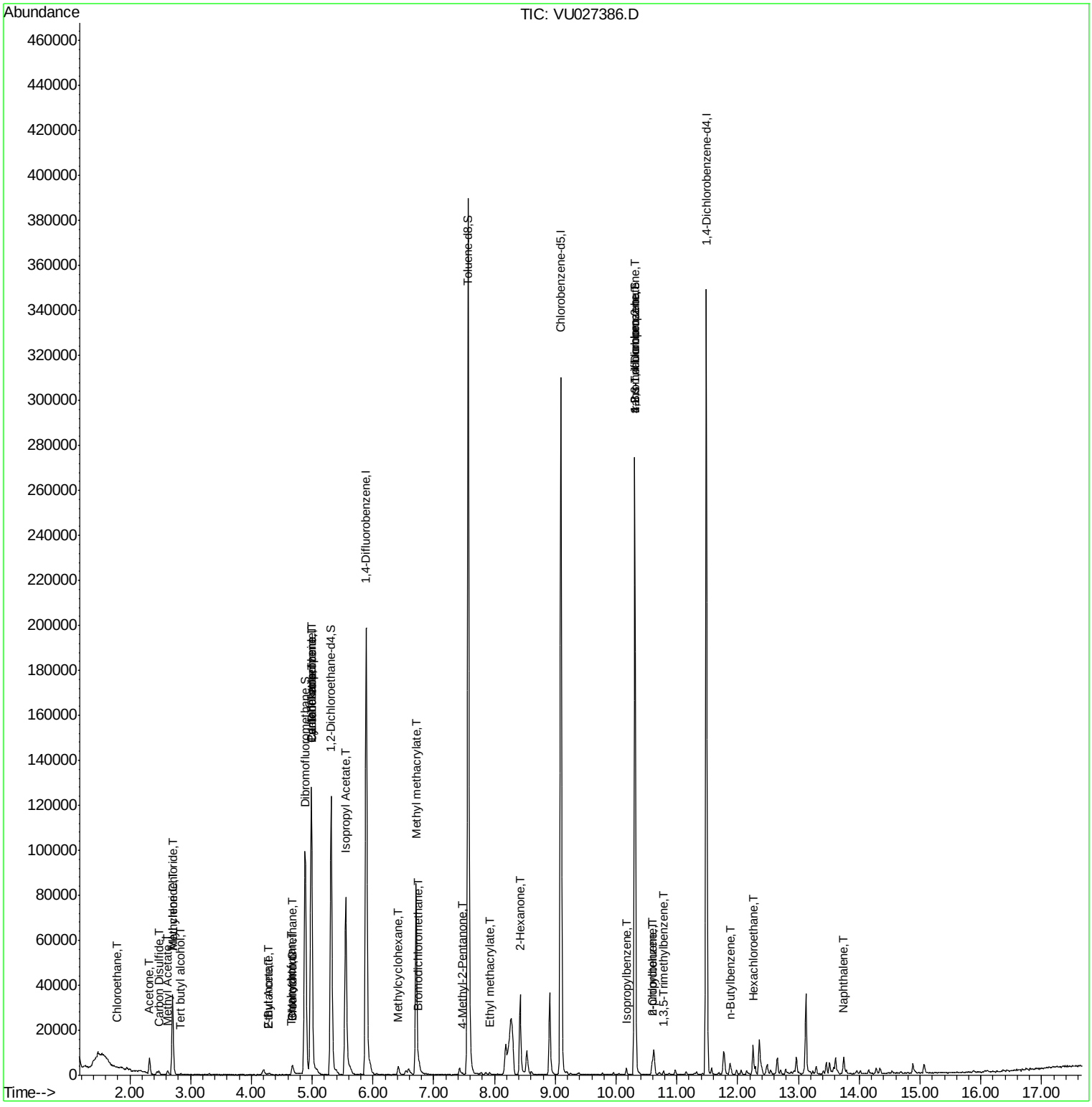
(#) = qualifier out of range (m) = manual integration (+) = signals summed

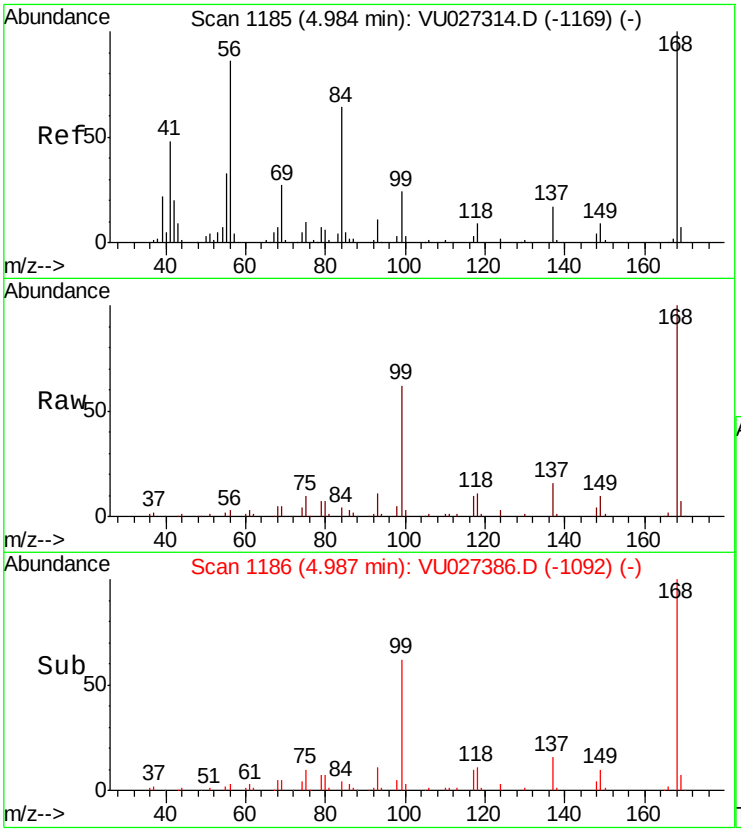
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
Data File : VU027386.D
Acq On : 04 Oct 2018 03:18
Operator : MD/SY
Sample : J5218-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 04 07:39:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration



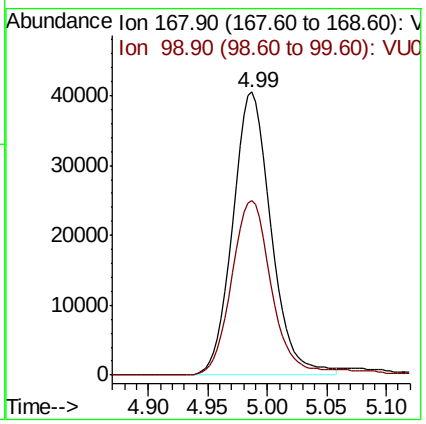


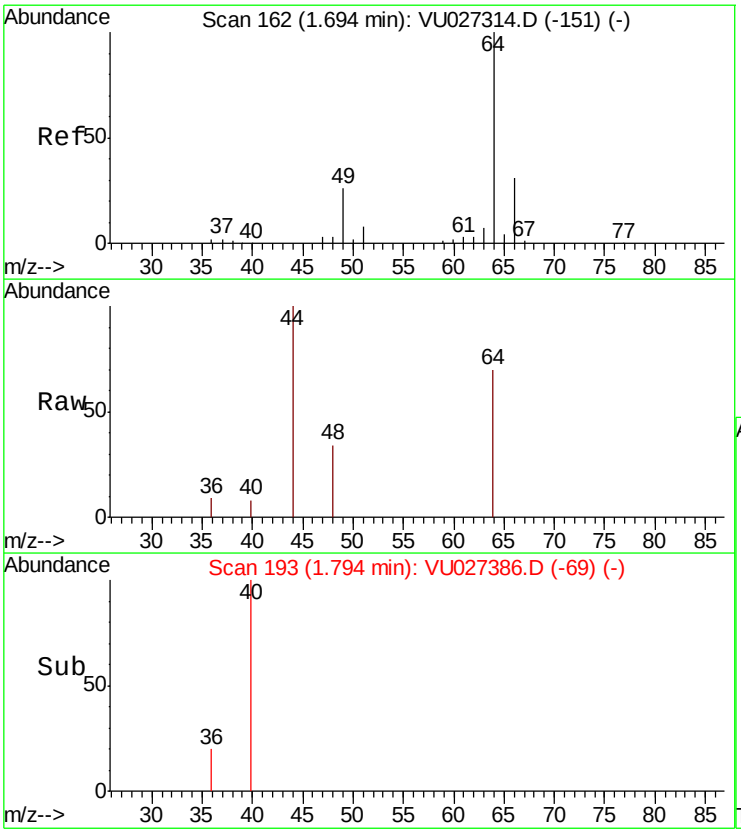
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 90696

Ion	Ratio	Lower	Upper
168	100		
99	61.8	50.8	76.2

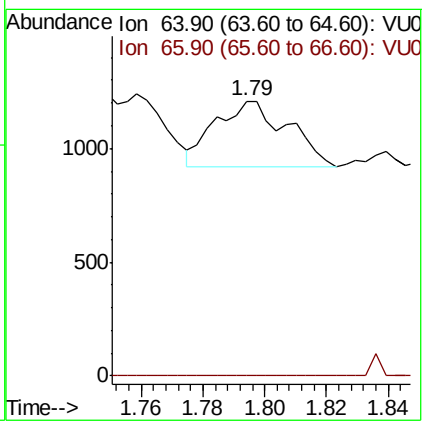


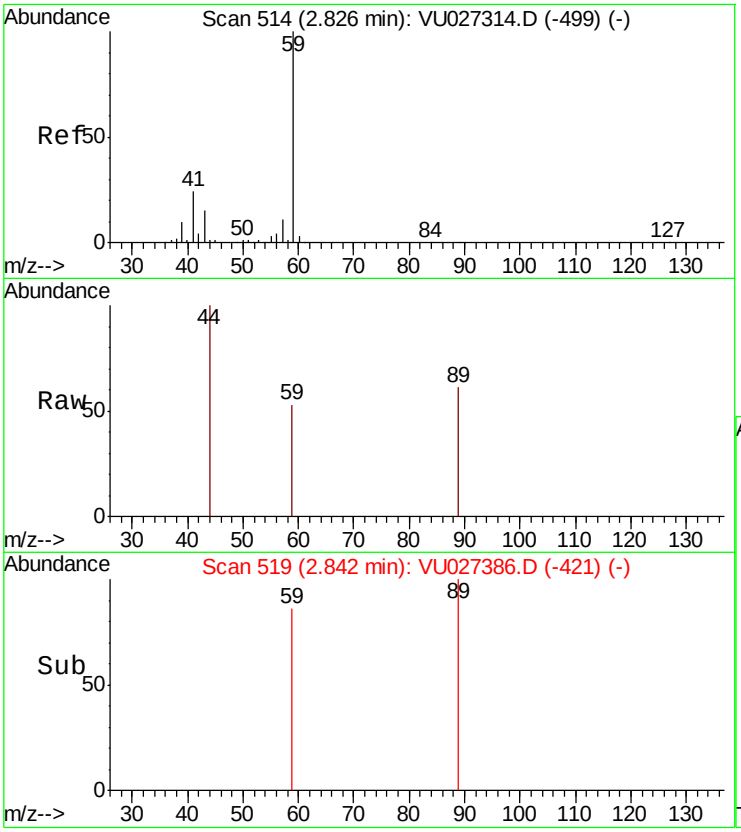


#6
Chloroethane
Concen: 0.473 ug/l
RT: 1.79 min Scan# 193
Delta R.T. 0.10 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 64 Resp: 473

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



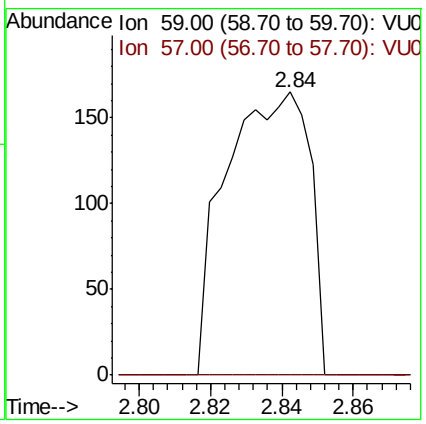


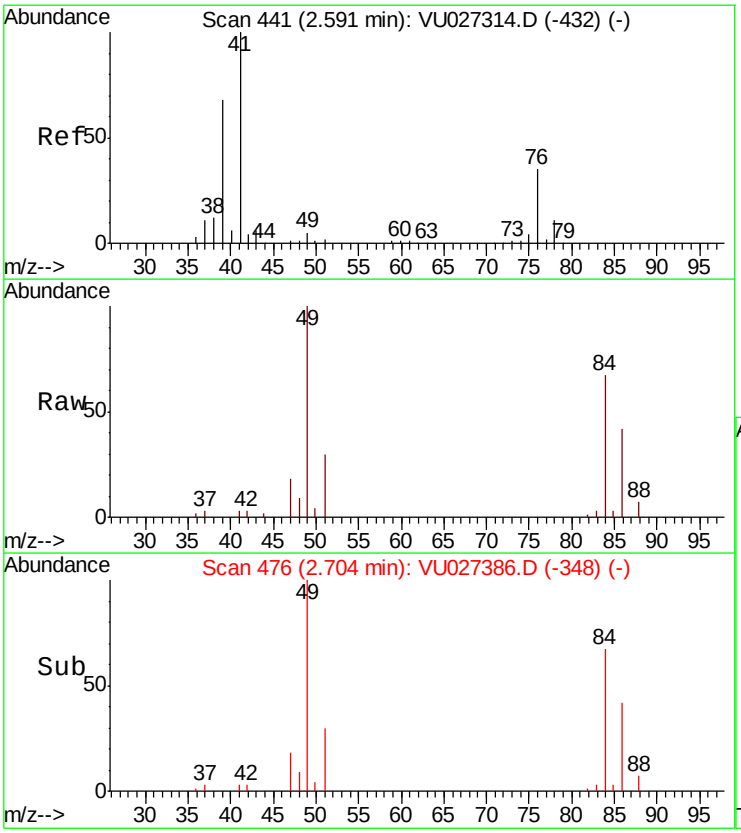
#11
Tert butyl alcohol
Concen: 0.837 ug/l
RT: 2.84 min Scan# 519
Delta R.T. 0.02 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 59 Resp: 267

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

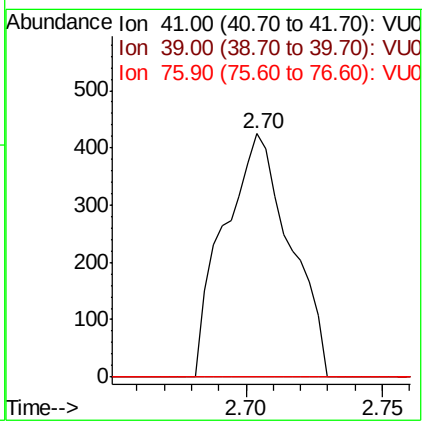


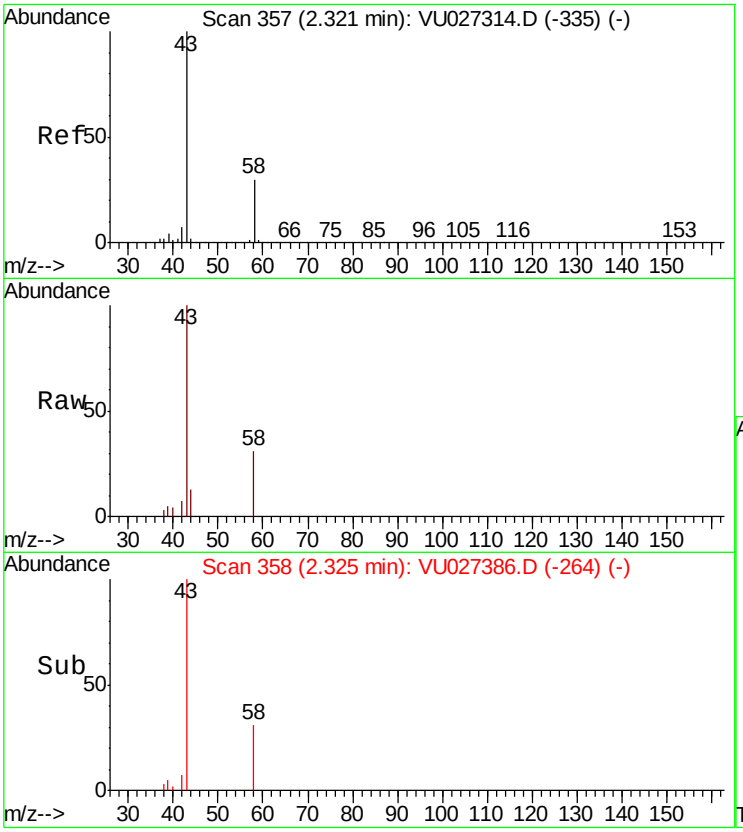


#14
Allyl chloride
Concen: 0.313 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.11 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 41 Resp: 712

Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.8	77.8#
76	0.0	25.9	38.9#



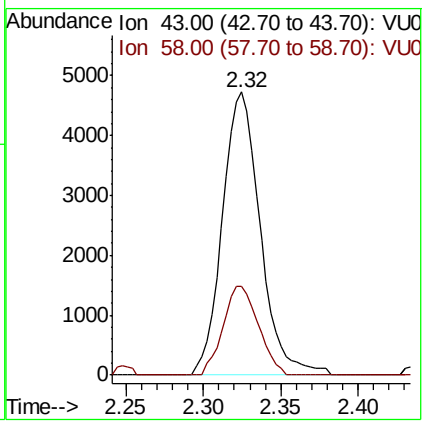


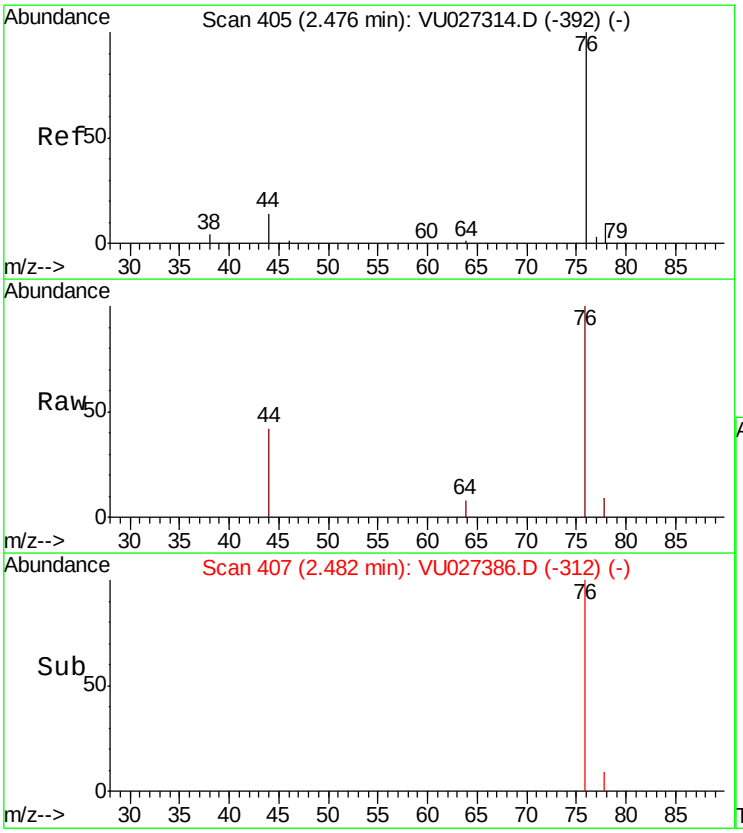
#16
Acetone
Concen: 8.960 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 8016

Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.2	36.4

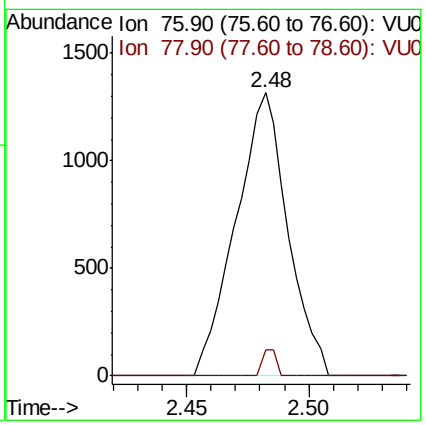


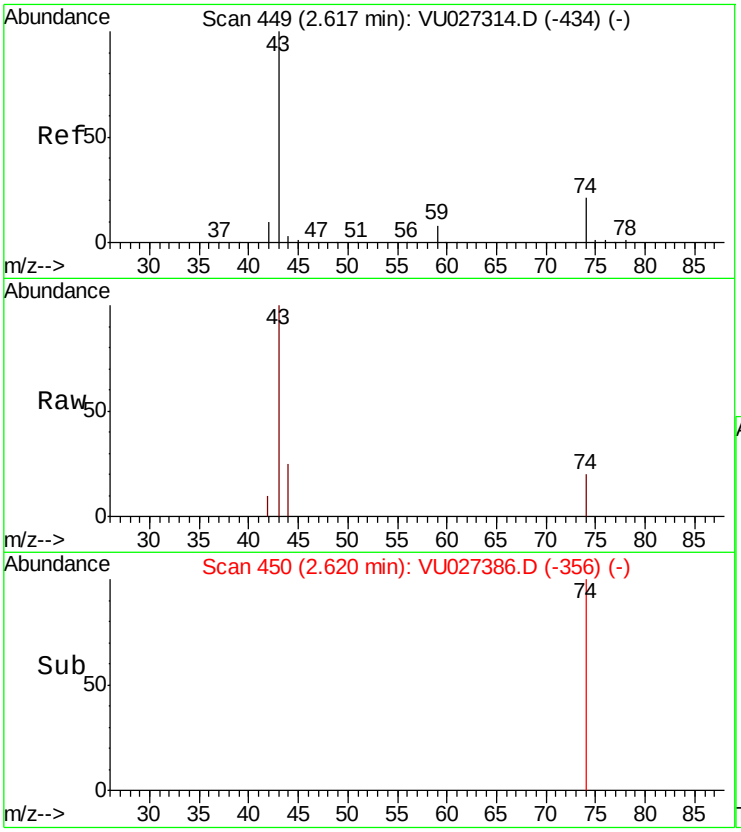


#17
Carbon Disulfide
Concen: 0.562 ug/l
RT: 2.48 min Scan# 407
Delta R.T. 0.01 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 76 Resp: 1941

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9



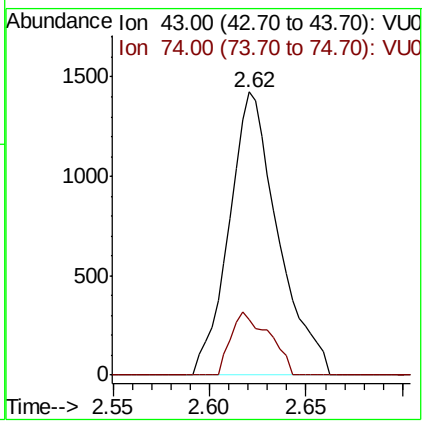


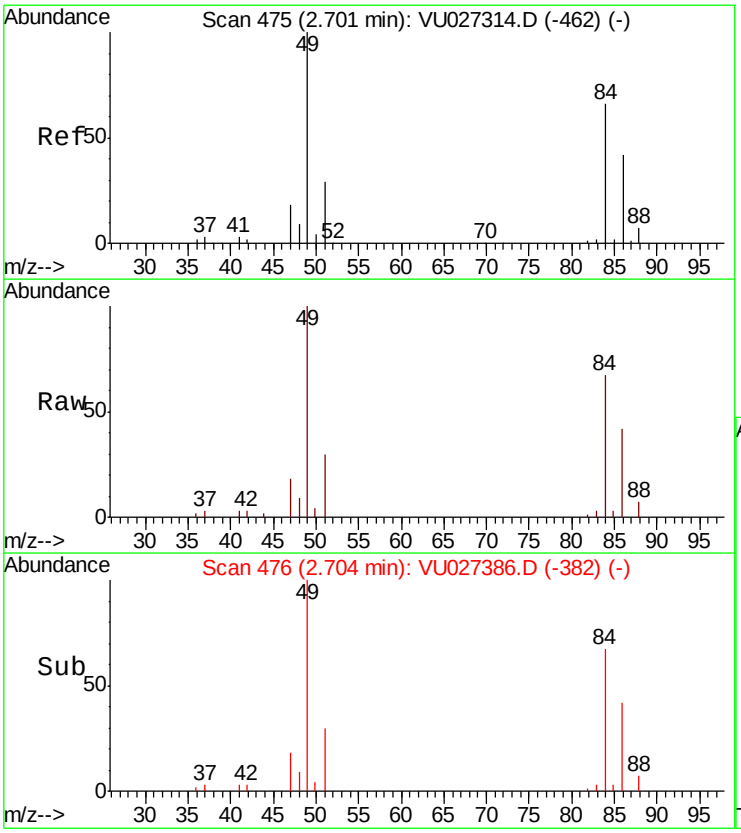
#18
Methyl Acetate
Concen: 1.227 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2505

Ion	Ratio	Lower	Upper
43	100		
74	17.4	16.5	24.7

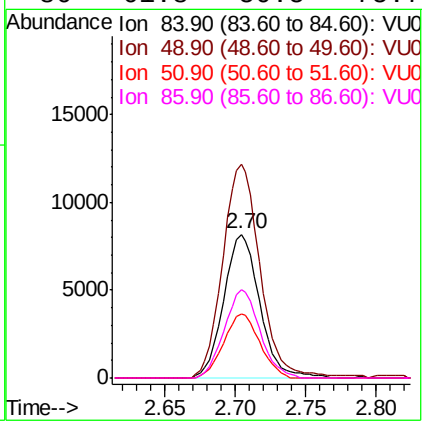


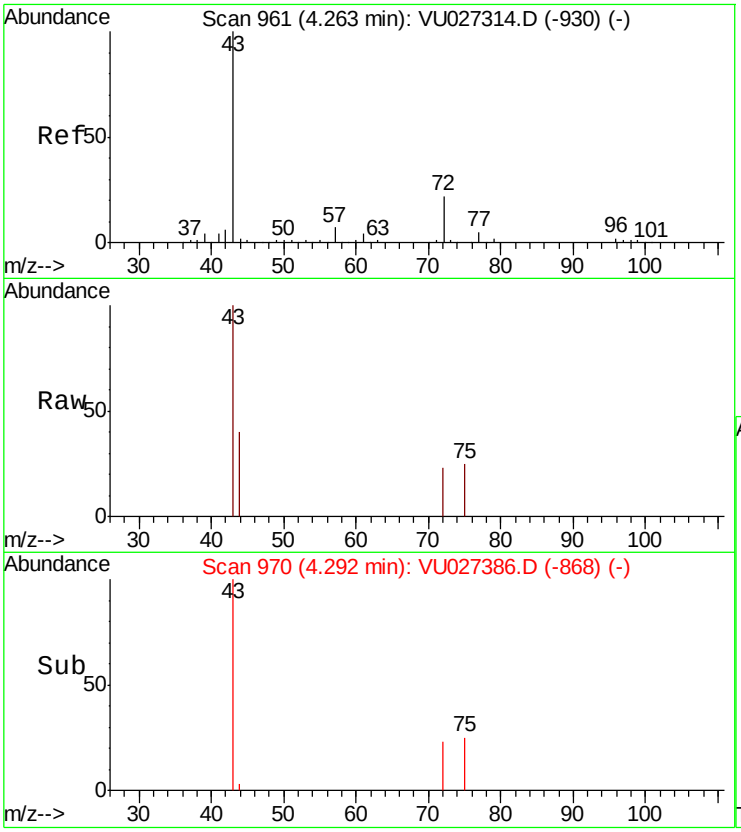


#20
Methylene Chloride
Concen: 11.707 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 84 Resp: 14590

Ion	Ratio	Lower	Upper
84	100		
49	148.6	120.5	180.7
51	44.8	35.1	52.7
86	61.8	50.5	75.7



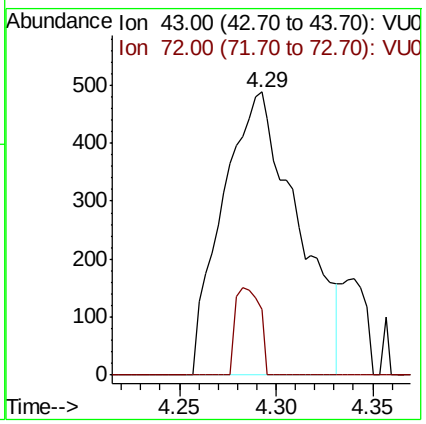


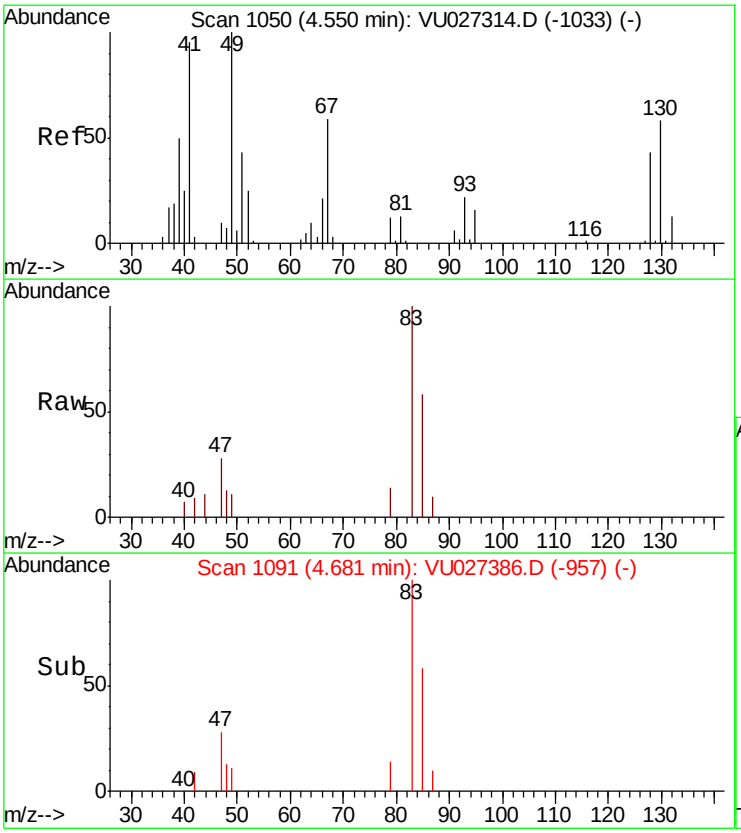
#25
2-Butanone
Concen: 1.079 ug/l
RT: 4.29 min Scan# 970
Delta R.T. 0.03 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1316

Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.8	26.6

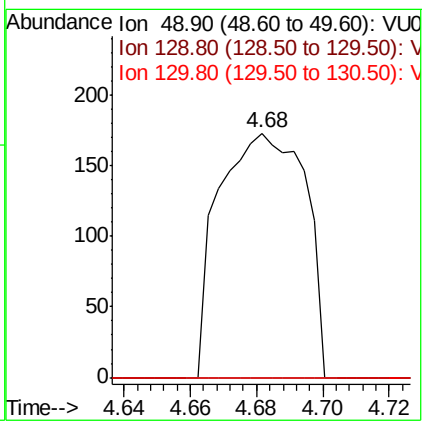


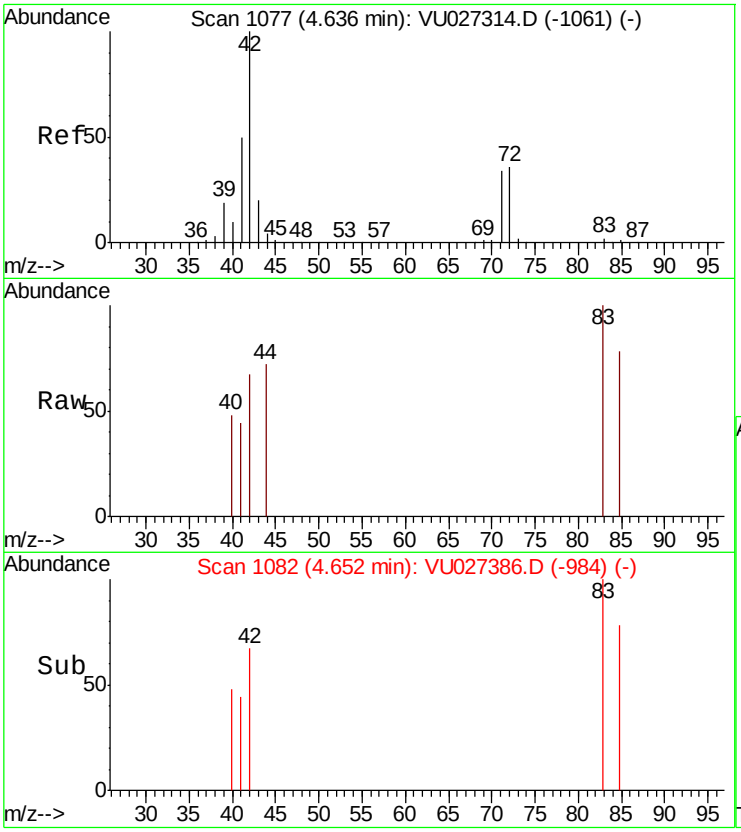


#28
Bromochloromethane
Concen: 0.275 ug/l
RT: 4.68 min Scan# 1091
Delta R.T. 0.13 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 49 Resp: 315

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	0.0	46.1	69.1#



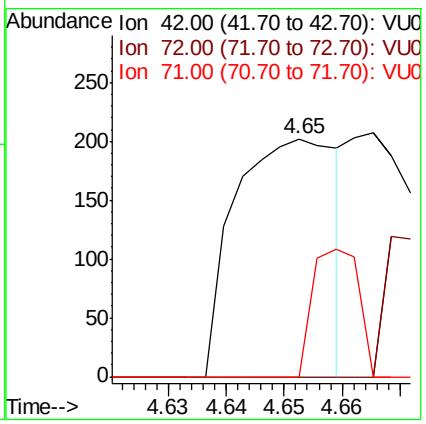


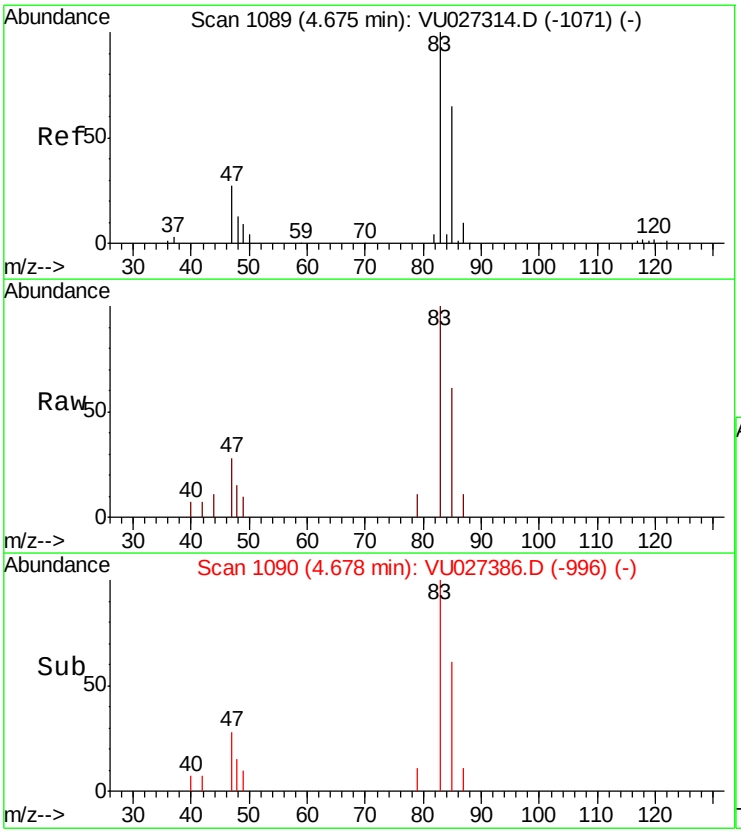
#29
Tetrahydrofuran
Concen: 0.319 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 42 Resp: 245

Ion	Ratio	Lower	Upper
42	100		
72	18.8	30.1	45.1#
71	24.5	27.7	41.5#

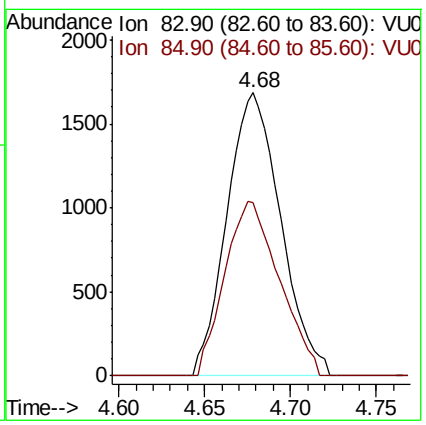


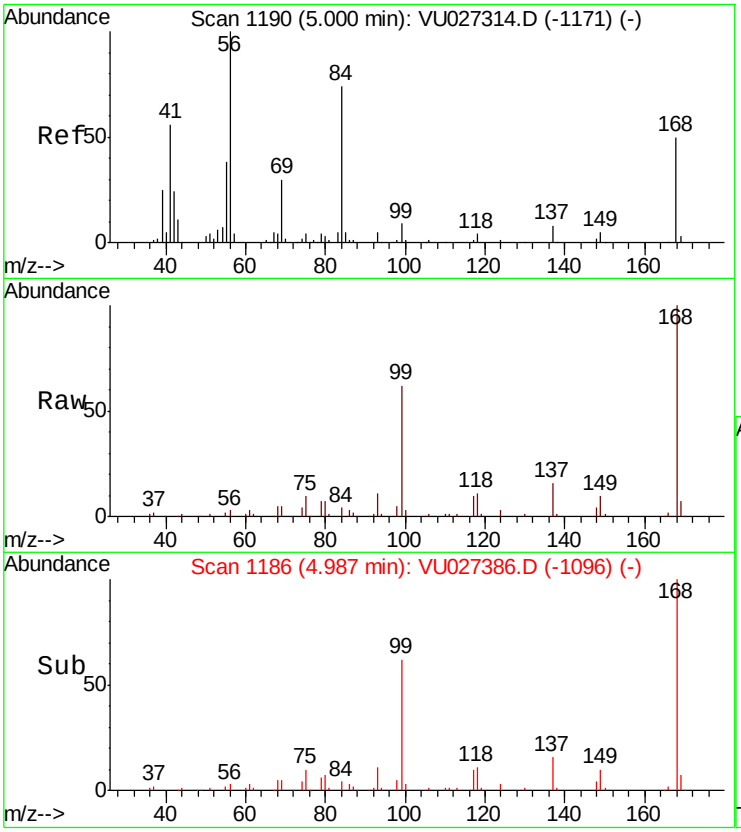


#30
Chloroform
Concen: 1.739 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 83 Resp: 3672

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.8	77.6



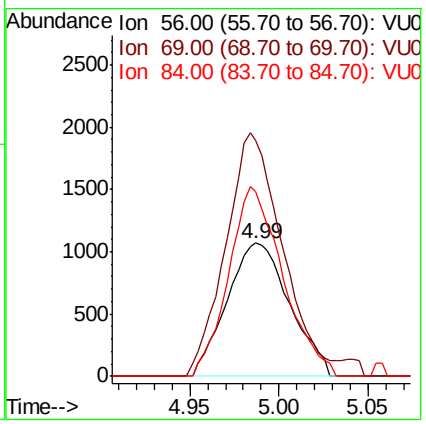


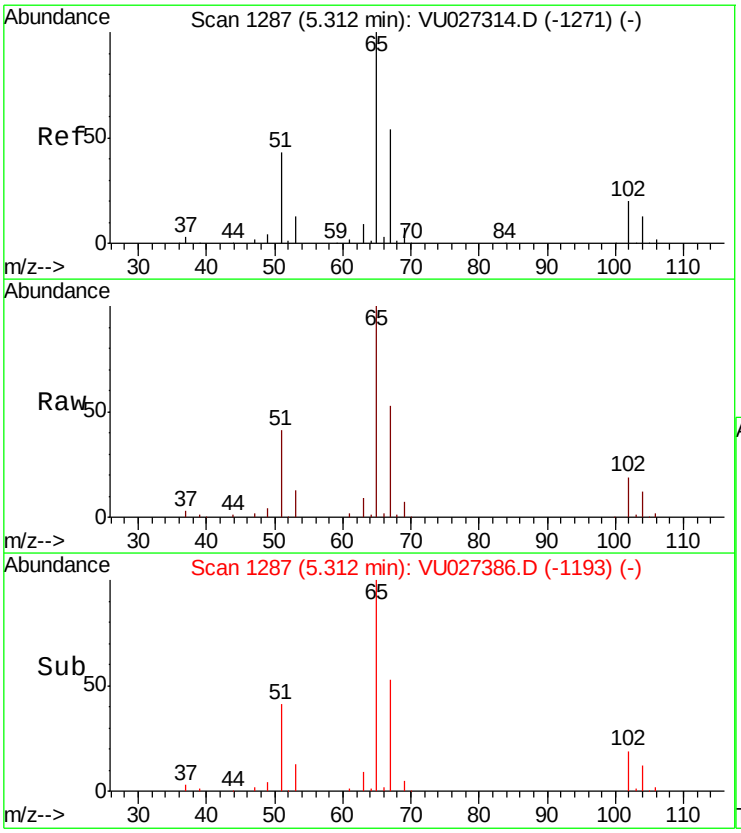
#31
Cyclohexane
Concen: 0.841 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 2610

Ion	Ratio	Lower	Upper
56	100		
69	177.4	24.1	36.1#
84	138.7	59.1	88.7#

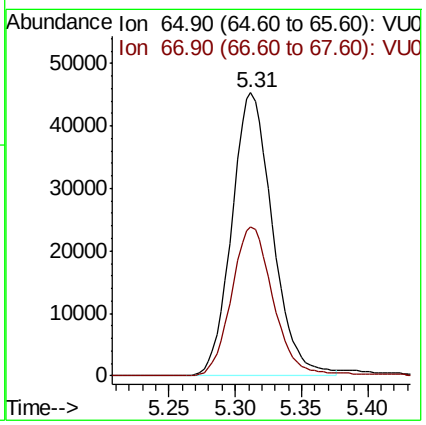


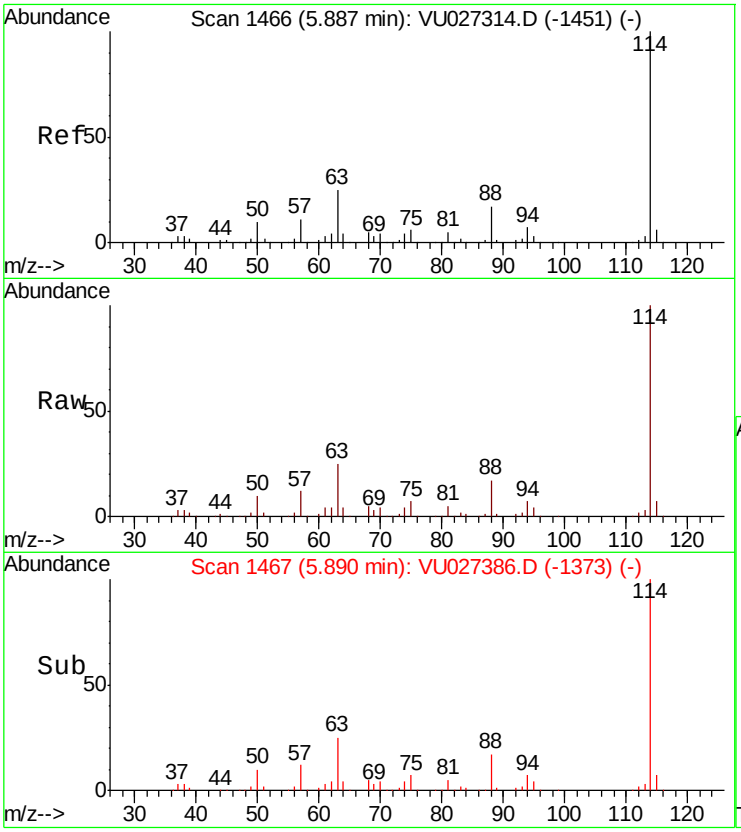


#33
1,2-Dichloroethane-d4
Concen: 64.089 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 65 Resp: 97061

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.8



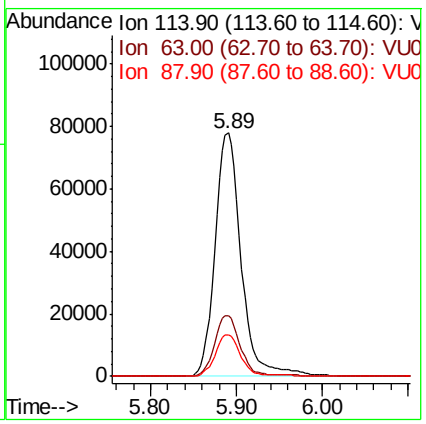


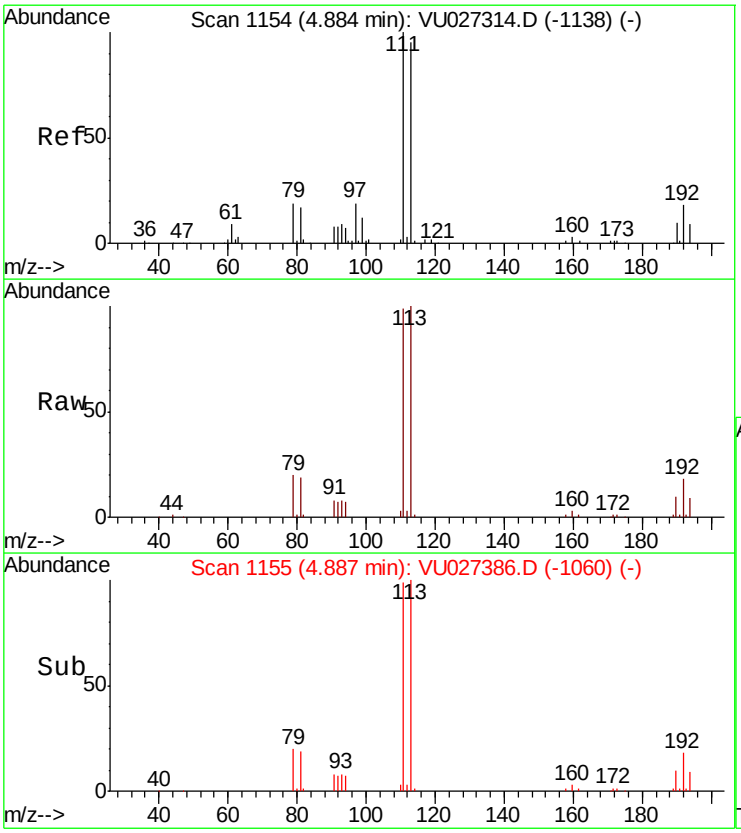
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:114 Resp: 164467

Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	50.2
88	17.1	0.0	33.8

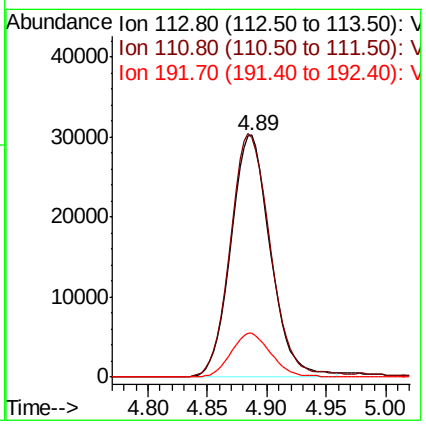


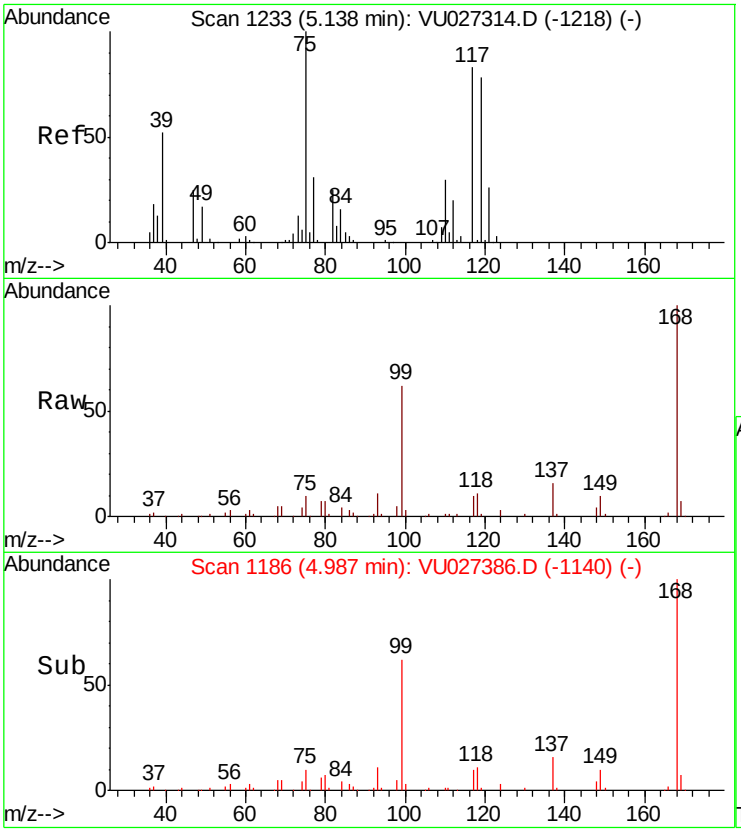


#35
Dibromofluoromethane
Concen: 61.831 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion:113 Resp: 69692

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	18.6	15.4	23.0



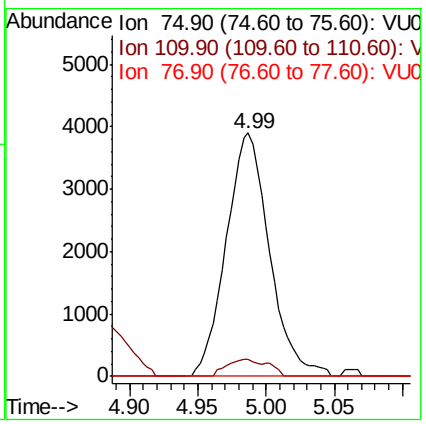


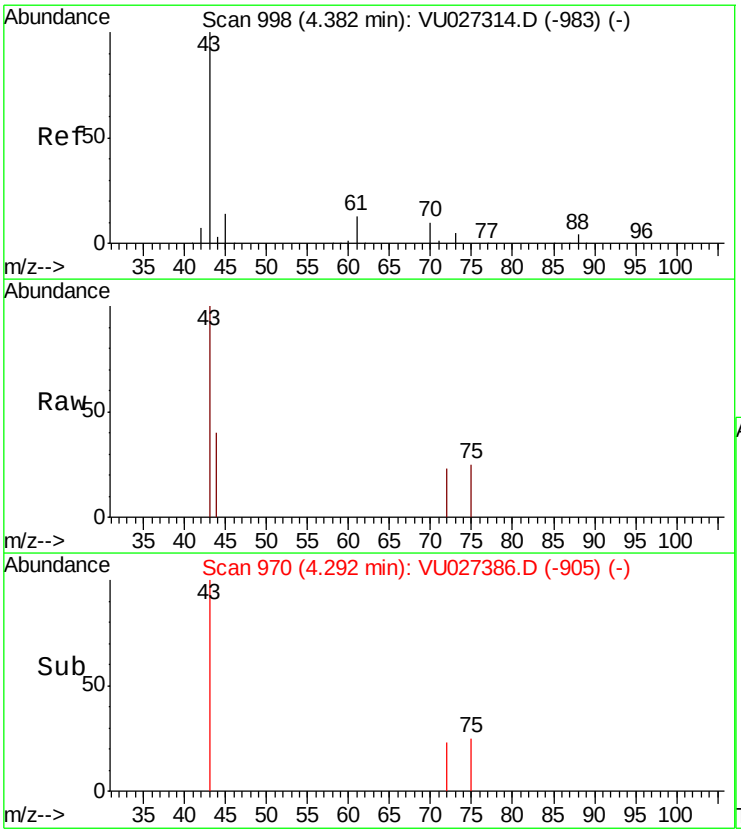
#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8594

Ion	Ratio	Lower	Upper
75	100		
110	6.8	15.5	46.5#
77	0.0	25.4	38.0#

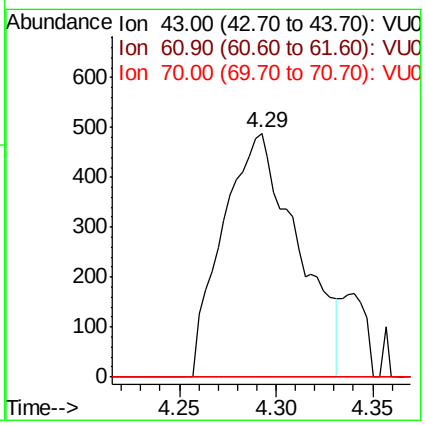


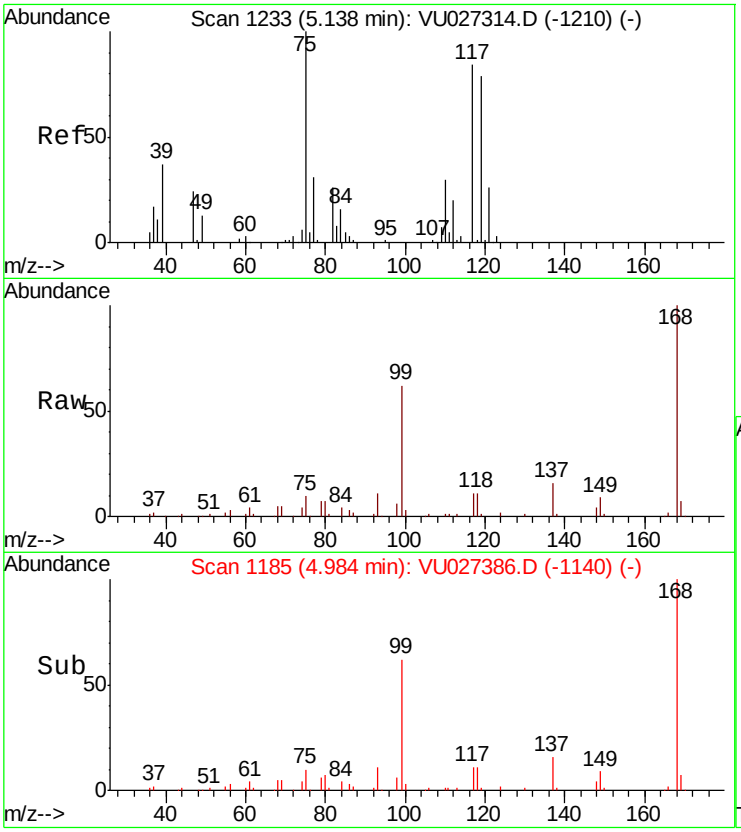


#37
Ethyl Acetate
Concen: 0.570 ug/l
RT: 4.29 min Scan# 970
Delta R.T. -0.09 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 43 Resp: 1316

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	7.4	11.2#



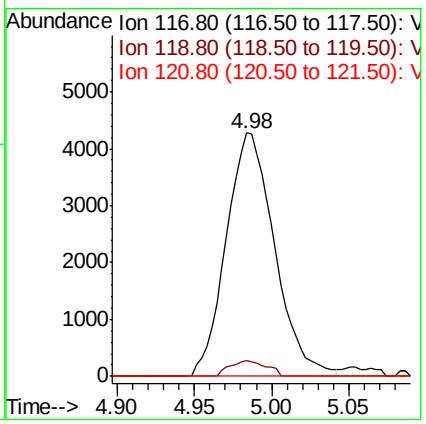


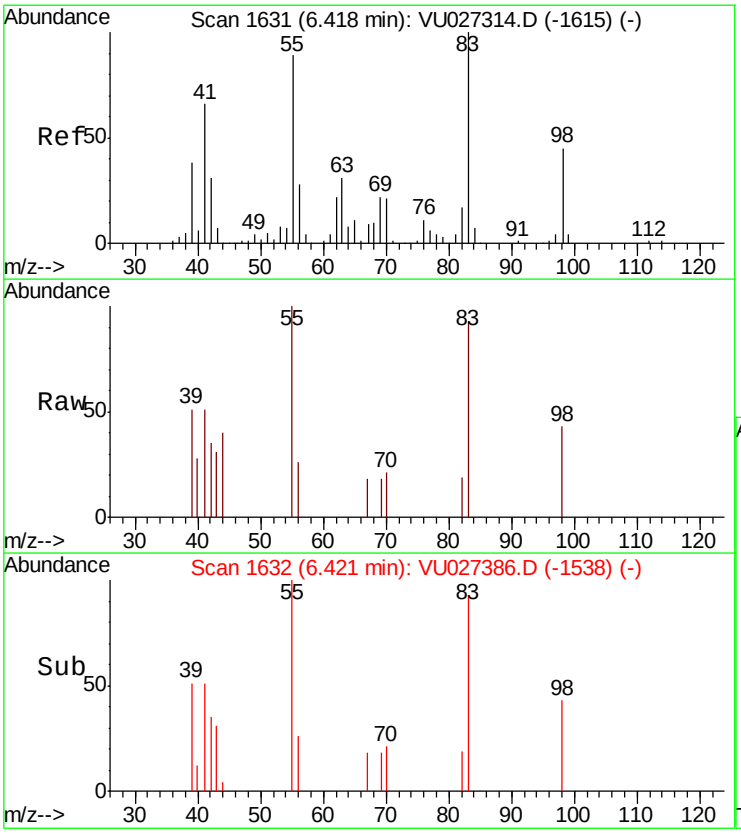
#38
Carbon Tetrachloride
Concen: 5.772 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 9311

Ion	Ratio	Lower	Upper
117	100		
119	6.4	74.5	111.7#
121	0.0	24.6	37.0#

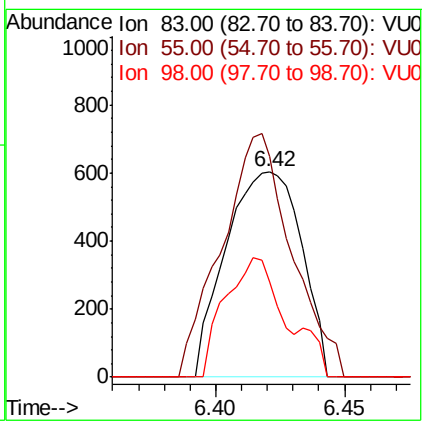


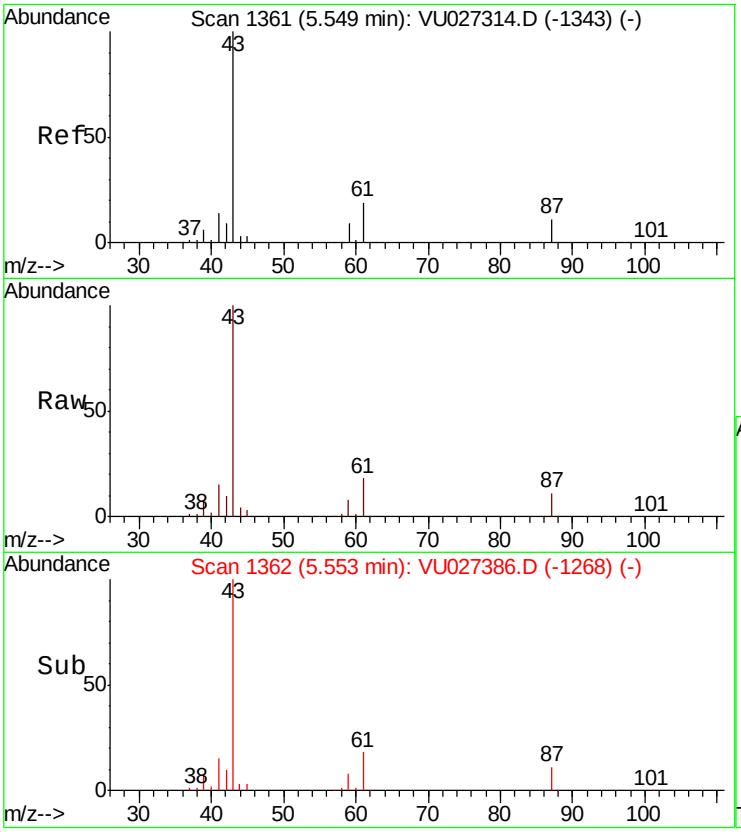


#39
Methylcyclohexane
Concen: 0.591 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 83 Resp: 1233

Ion	Ratio	Lower	Upper
83	100		
55	91.1	71.1	106.7
98	46.2	36.3	54.5



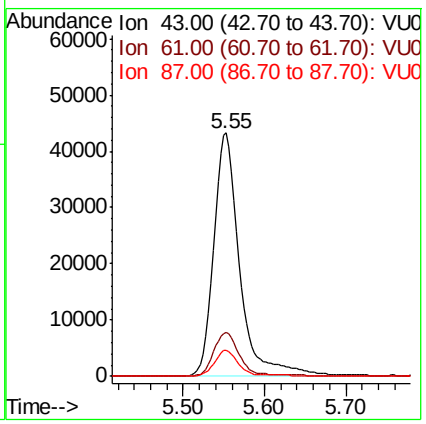


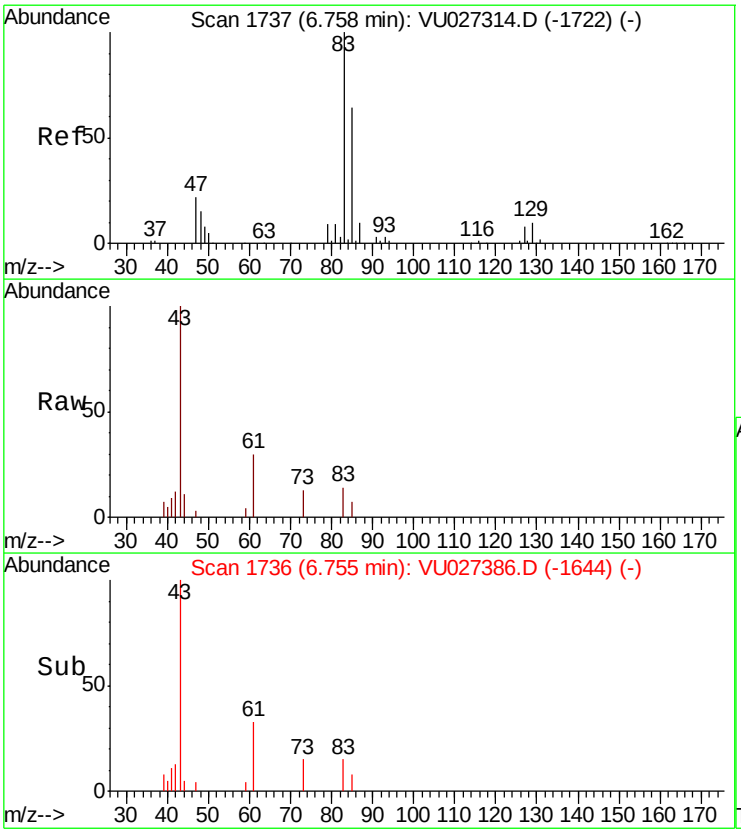
#43
Isopropyl Acetate
Concen: 27.280 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 97781

Ion	Ratio	Lower	Upper
43	100		
61	17.8	15.3	22.9
87	10.1	8.6	13.0

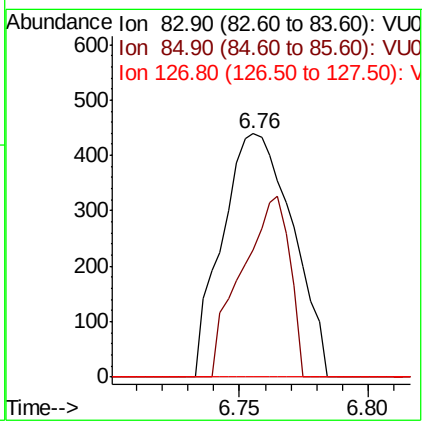


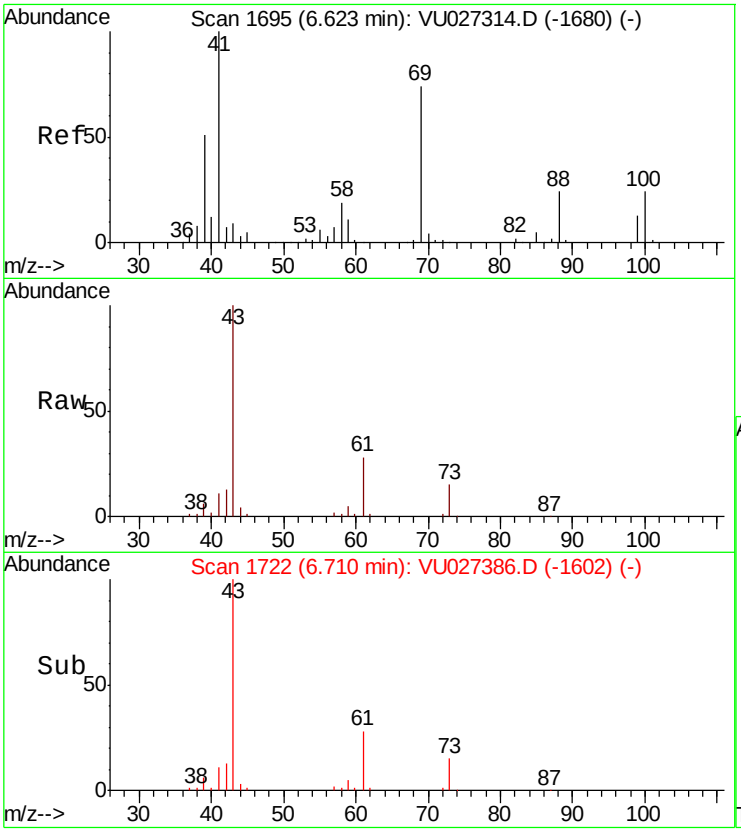


#47
Bromodichloromethane
Concen: 0.474 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 83 Resp: 834

Ion	Ratio	Lower	Upper
83	100		
85	52.4	51.4	77.0
127	0.0	6.3	9.5#



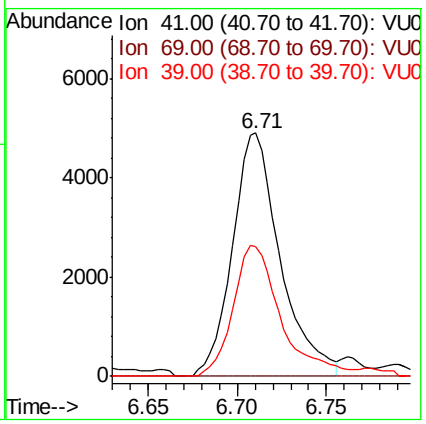


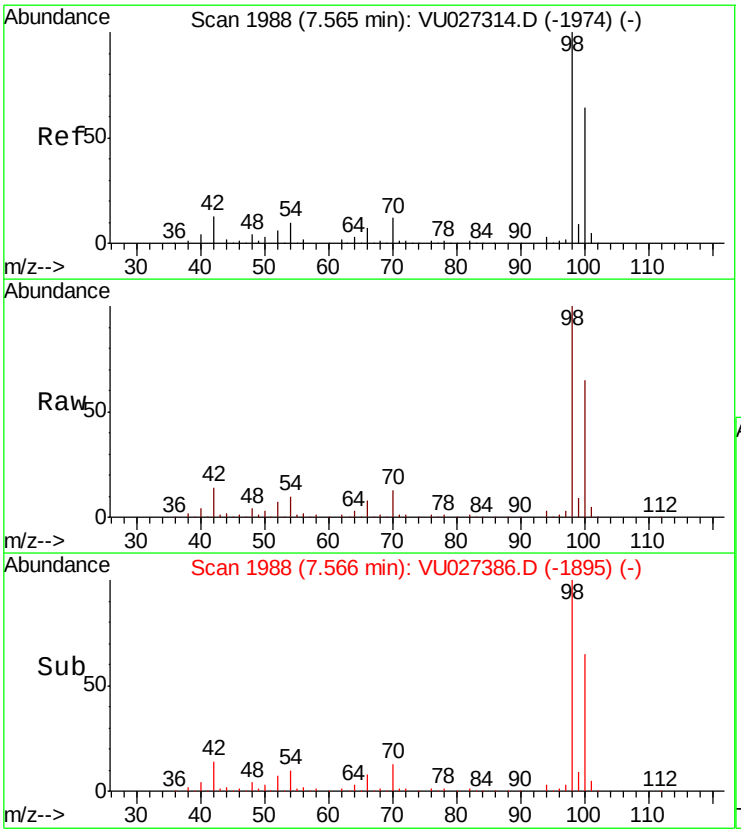
#48
Methyl methacrylate
Concen: 5.159 ug/l
RT: 6.71 min Scan# 1722
Delta R.T. 0.09 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 9195

Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.0	91.4#
39	53.7	39.9	59.9

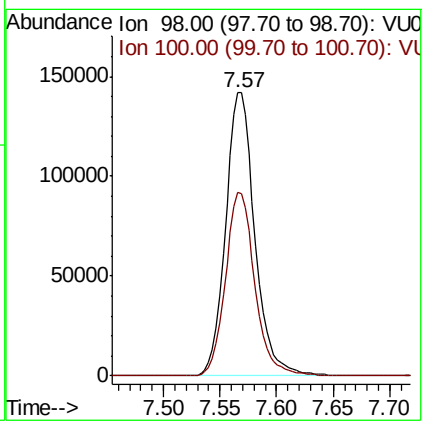


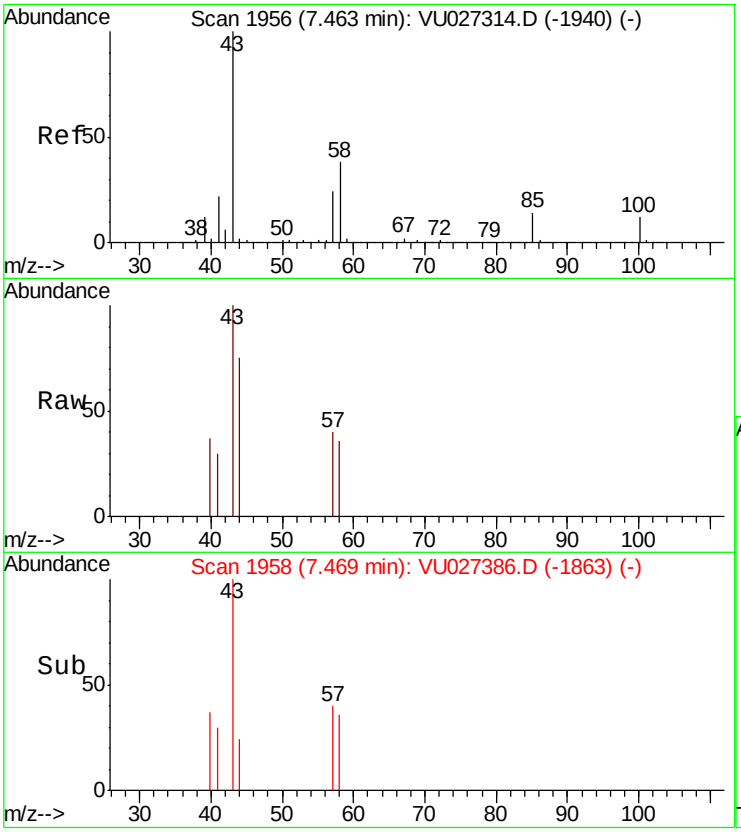


#50
Toluene-d8
Concen: 60.568 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 98 Resp: 255507

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1



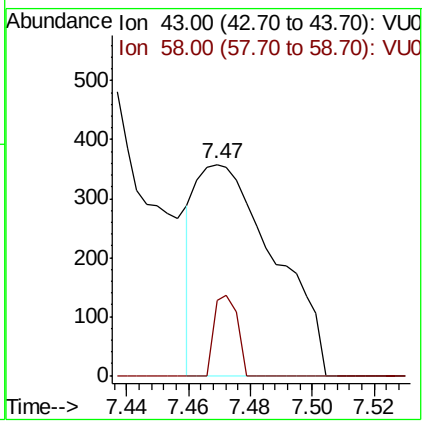


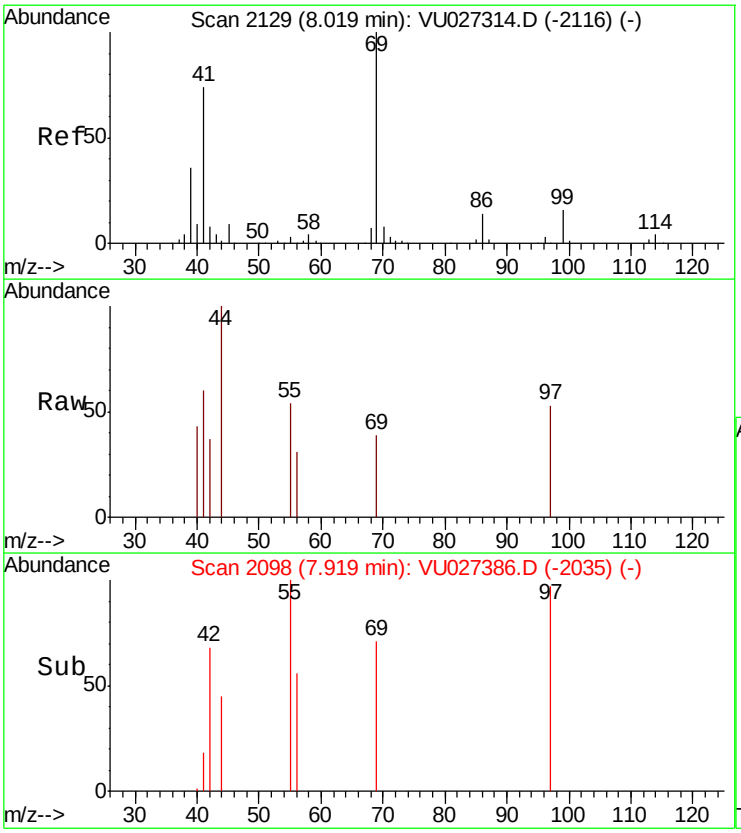
#51
4-Methyl-2-Pentanone
Concen: 0.271 ug/l
RT: 7.47 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 632

Ion	Ratio	Lower	Upper
43	100		
58	11.4	29.8	44.8#

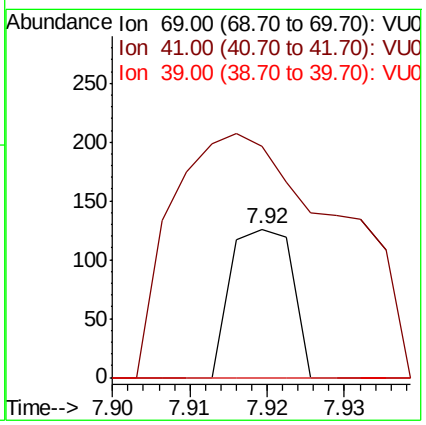


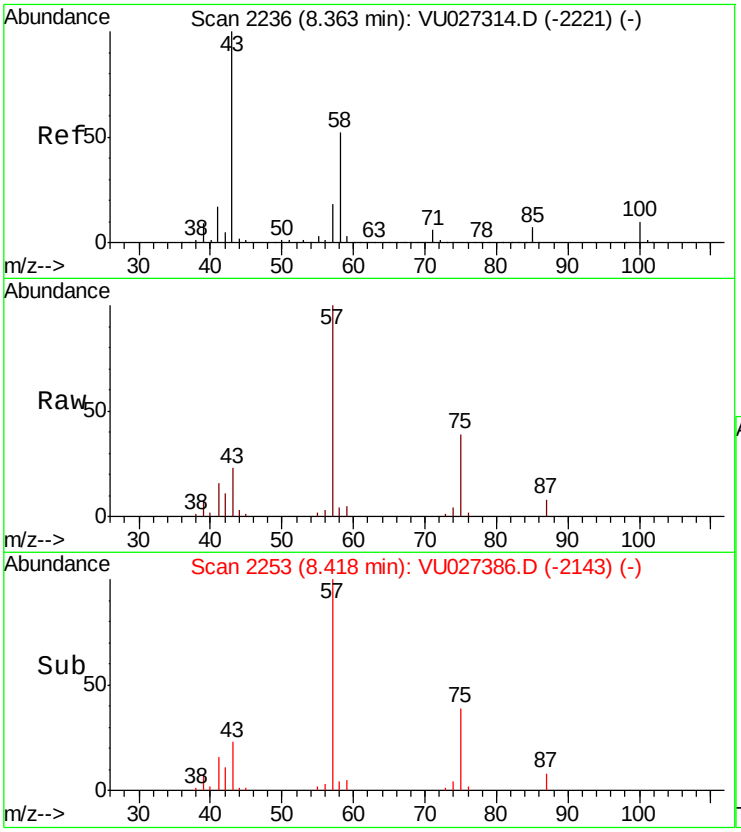


#56
Ethyl methacrylate
Concen: 2.300 ug/l
RT: 7.92 min Scan# 2098
Delta R.T. -0.10 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 69 Resp: 70

Ion	Ratio	Lower	Upper
69	100		
41	440.0	60.0	90.0#
39	0.0	29.5	44.3#



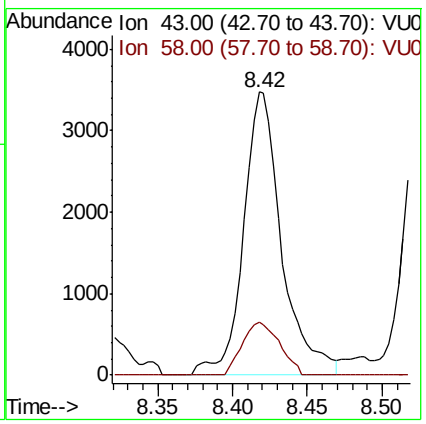


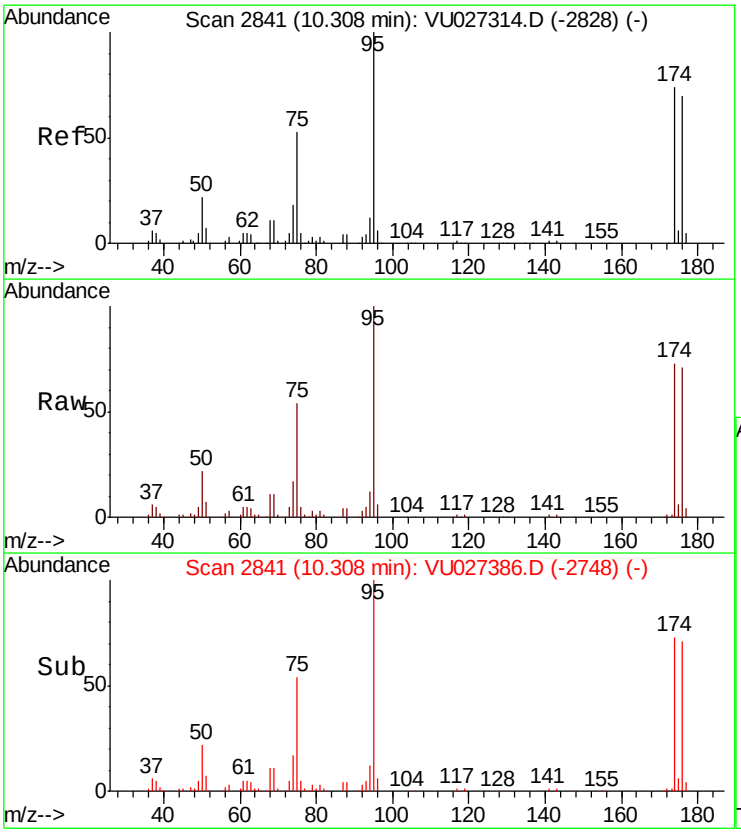
#59
2-Hexanone
Concen: 3.415 ug/l
RT: 8.42 min Scan# 2253
Delta R.T. 0.05 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 6171

Ion	Ratio	Lower	Upper
43	100		
58	18.2	26.1	78.3#

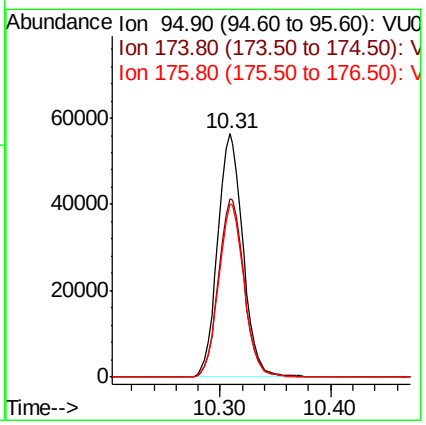


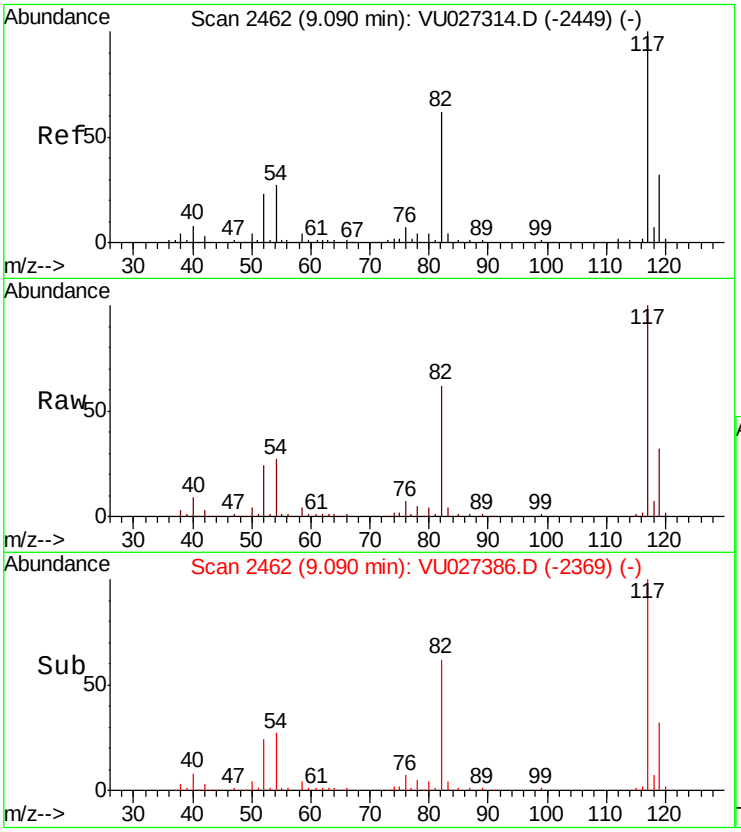


#62
4-Bromofluorobenzene
Concen: 57.149 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 95 Resp: 89596

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	147.8
176	71.4	0.0	140.8



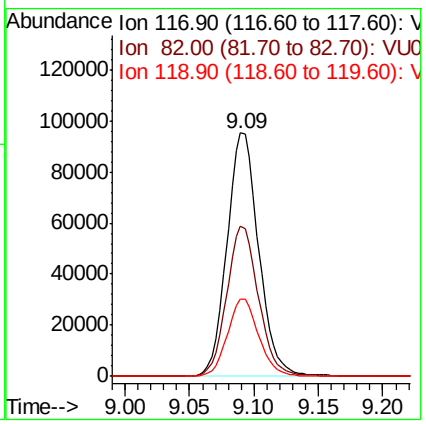


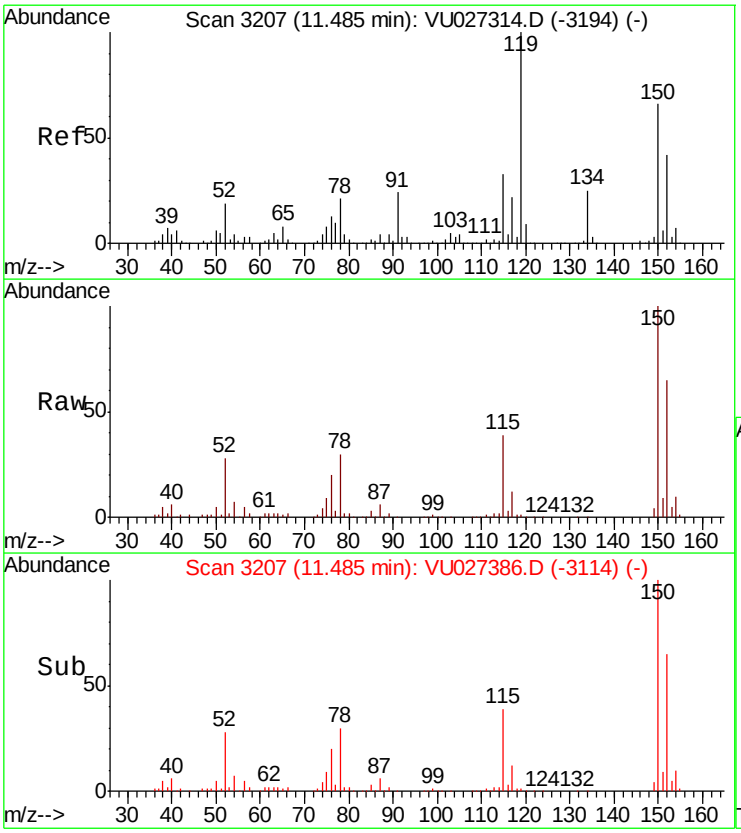
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 162469

Ion	Ratio	Lower	Upper
117	100		
82	61.8	49.2	73.8
119	31.9	25.7	38.5

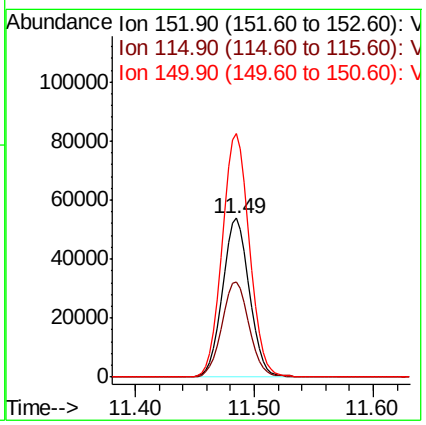


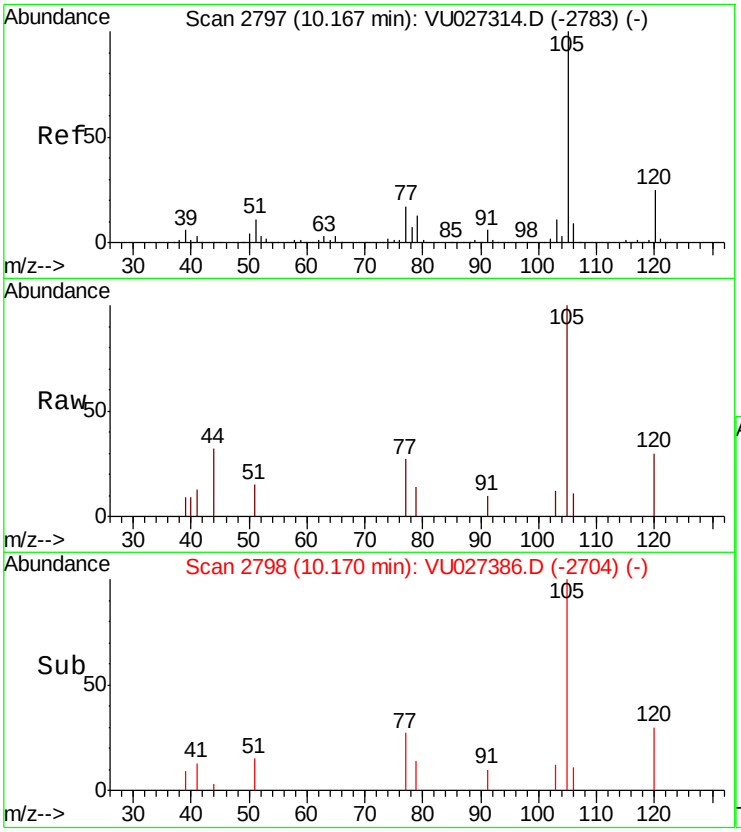


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion:152 Resp: 84412

Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.4	130.2
150	155.1	0.0	349.2



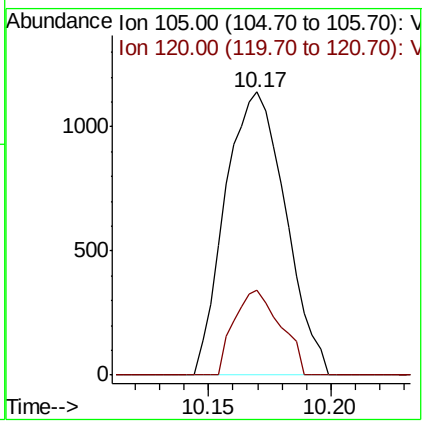


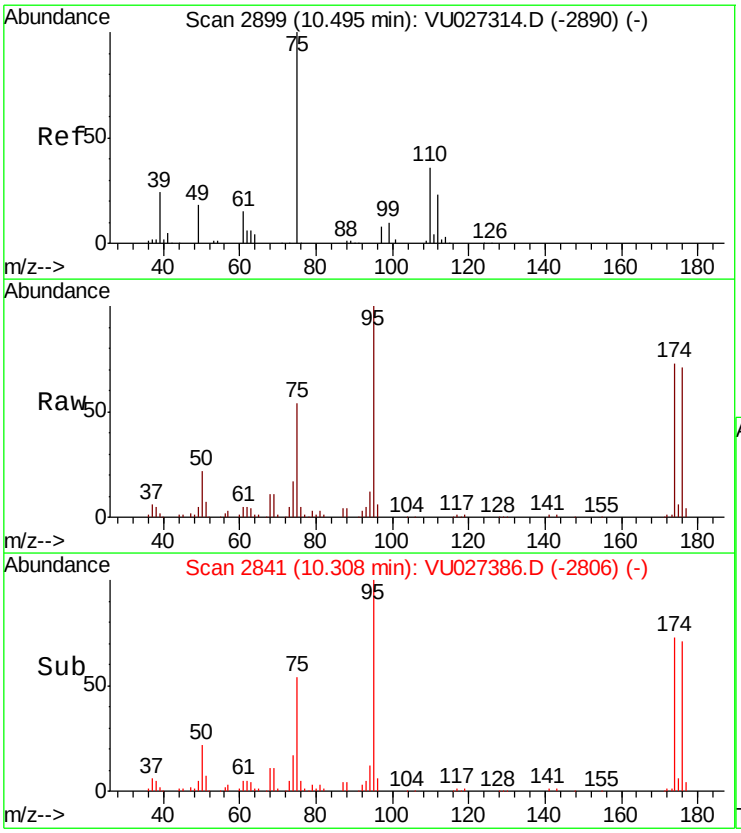
#73
Isopropylbenzene
Concen: 0.320 ug/l
RT: 10.17 min Scan# 2798
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 1960

Ion	Ratio	Lower	Upper
105	100		
120	23.0	12.6	37.8

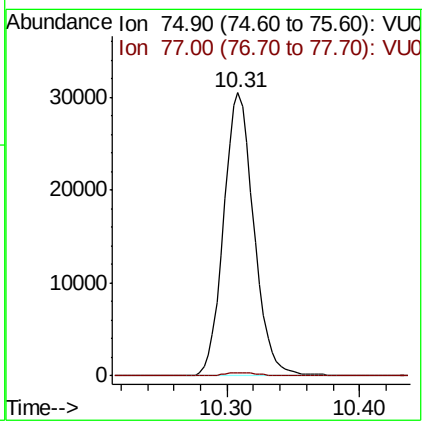


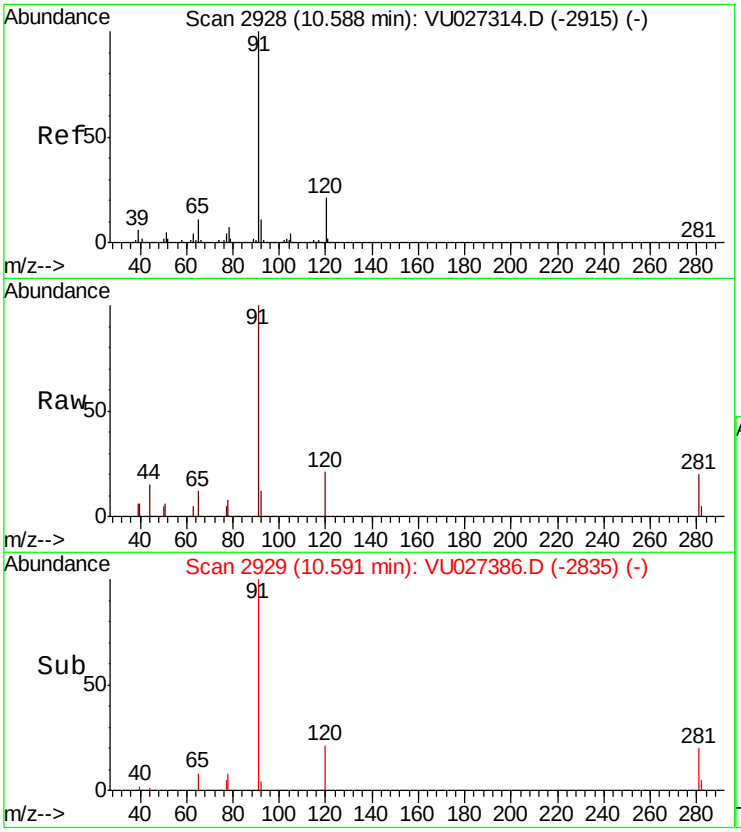


#76
1,2,3-Trichloropropane
Concen: 22.034 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 75 Resp: 48213

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.3	60.9#



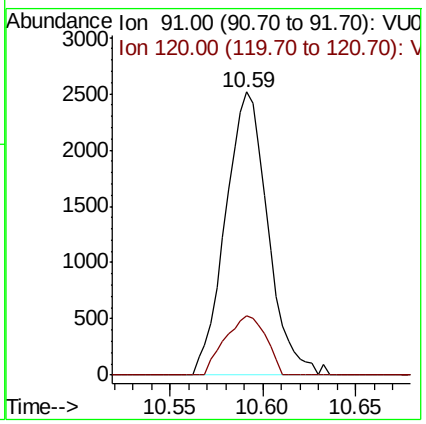


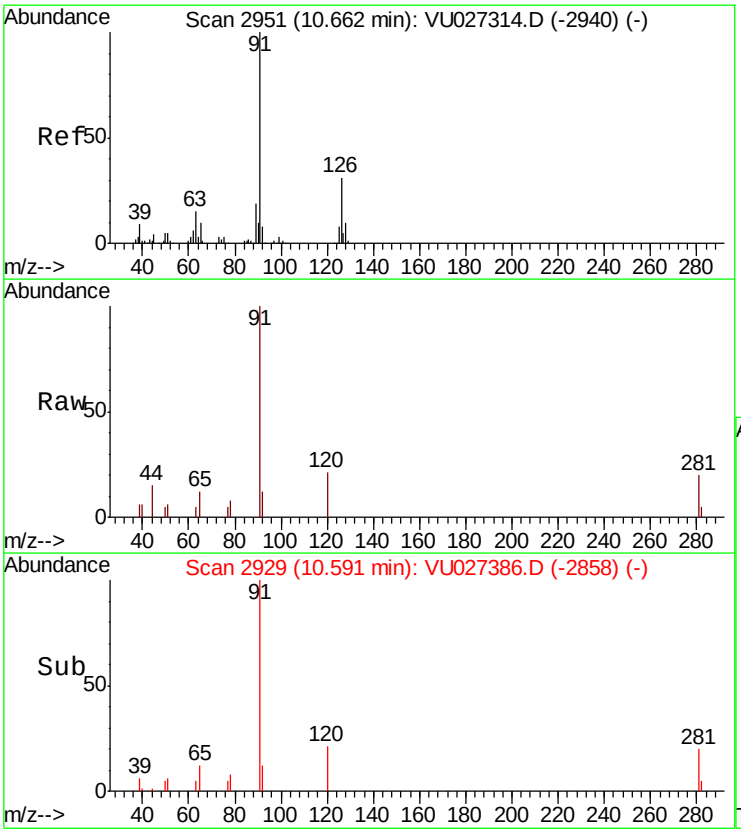
#78
n-propylbenzene
Concen: 0.542 ug/l
RT: 10.59 min Scan# 2929
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 3993

Ion	Ratio	Lower	Upper
91	100		
120	20.2	10.6	31.8

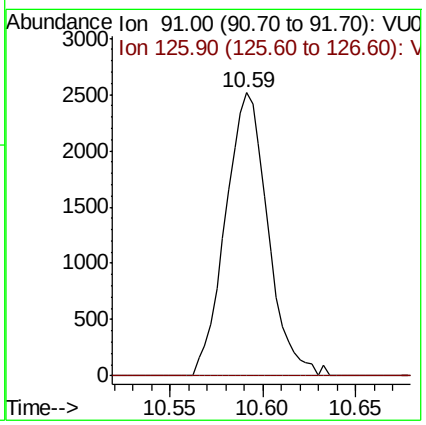


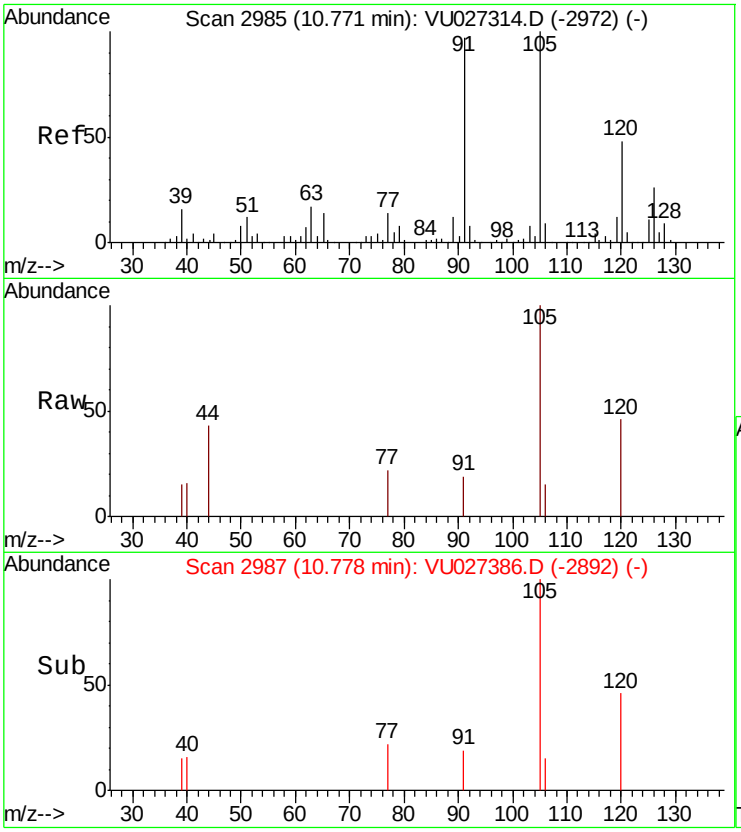


#79
2-Chlorotoluene
Concen: 0.898 ug/l
RT: 10.59 min Scan# 2929
Delta R.T. -0.07 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 91 Resp: 3993

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.7	47.1#



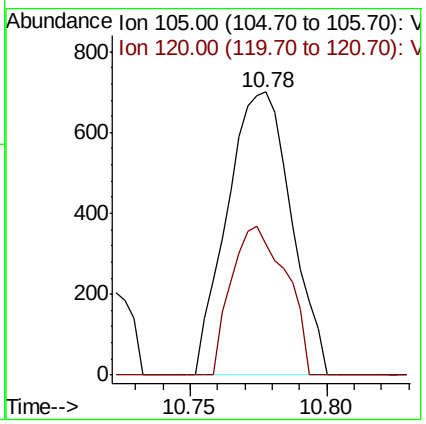


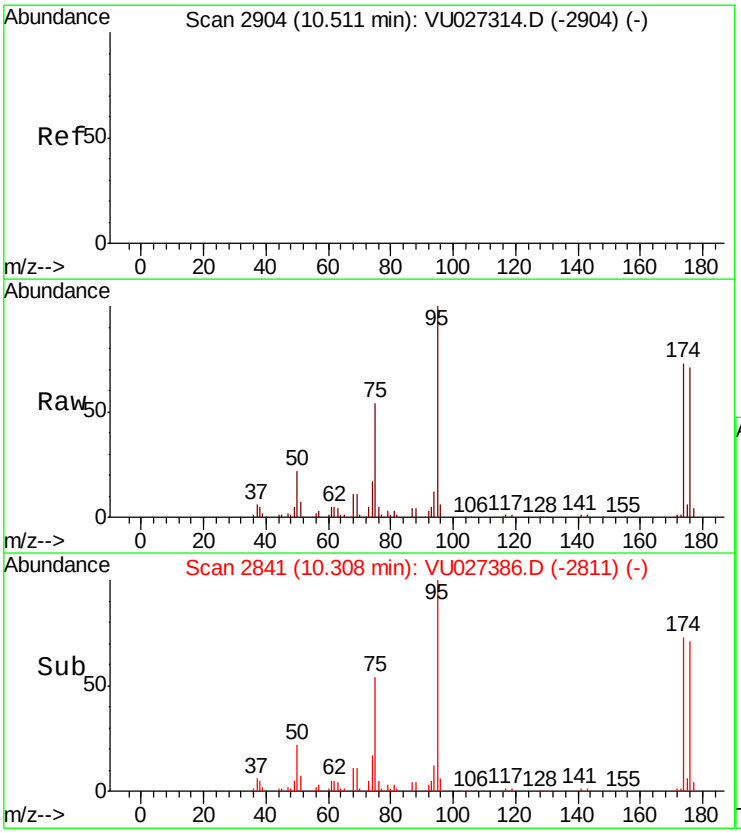
#80
1,3,5-Trimethylbenzene
Concen: 0.229 ug/l
RT: 10.78 min Scan# 2987
Delta R.T. 0.01 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 1141

Ion	Ratio	Lower	Upper
105	100		
120	45.4	24.1	72.4

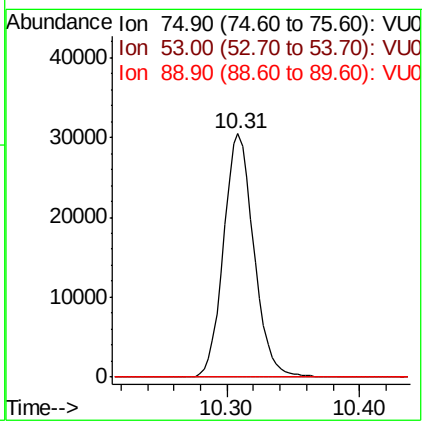


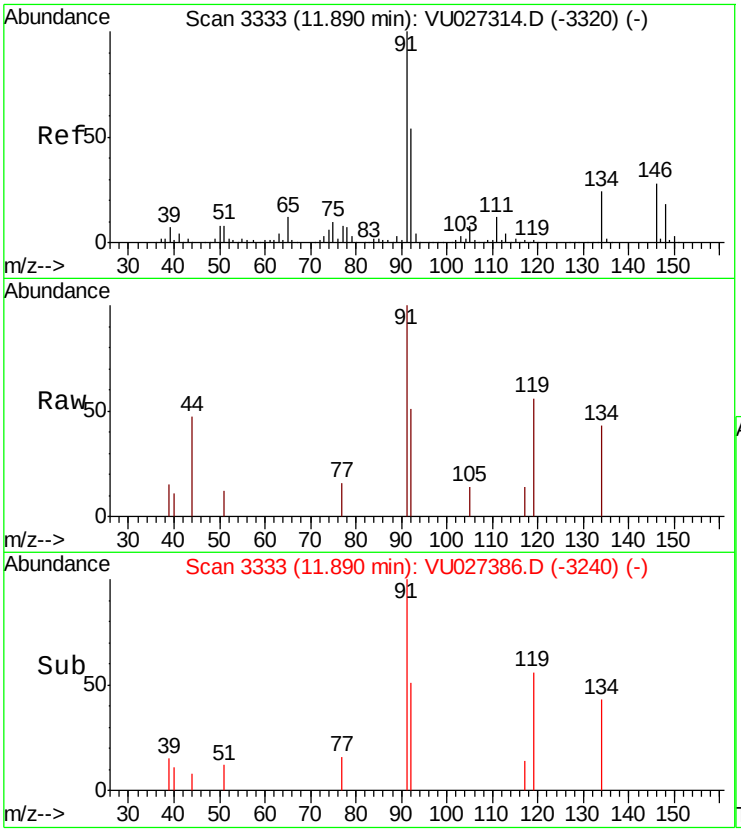


#81
trans-1,4-Dichloro-2-butene
Concen: 57.664 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 75 Resp: 48213

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



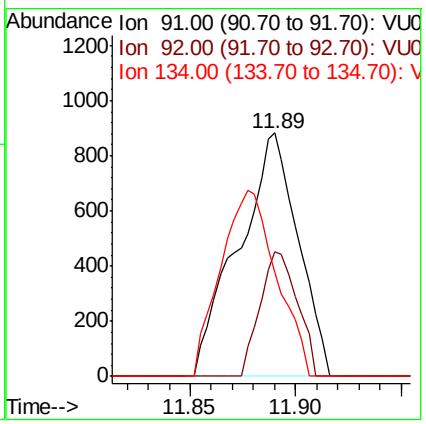


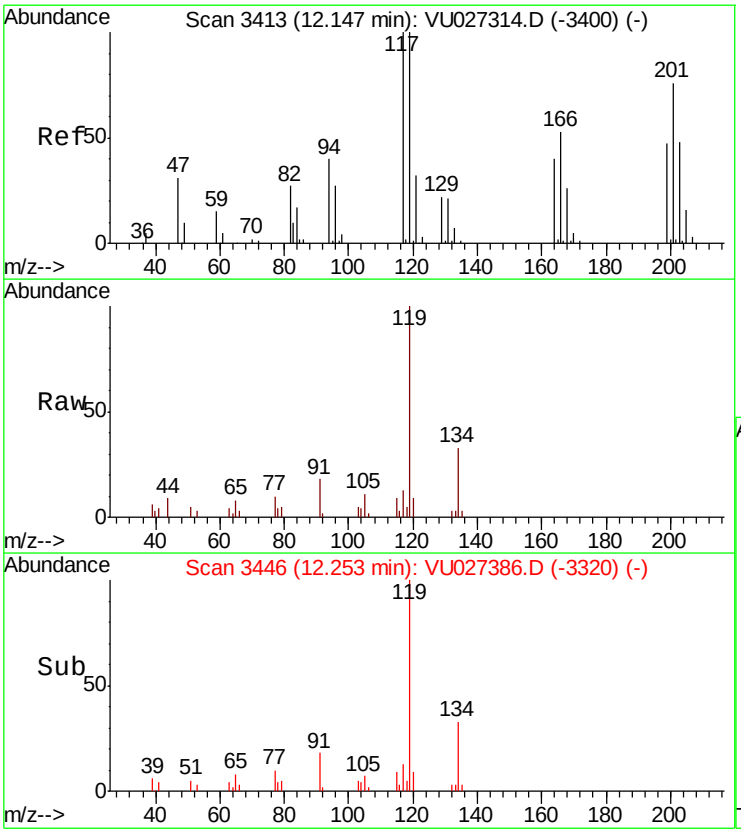
#89
n-Butylbenzene
Concen: 2.251 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 1735

Ion	Ratio	Lower	Upper
91	100		
92	32.1	27.0	81.0
134	71.2	11.7	35.1#

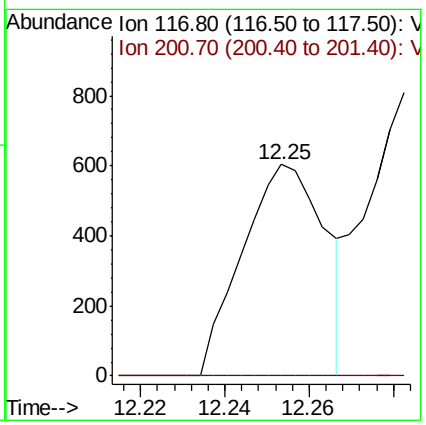


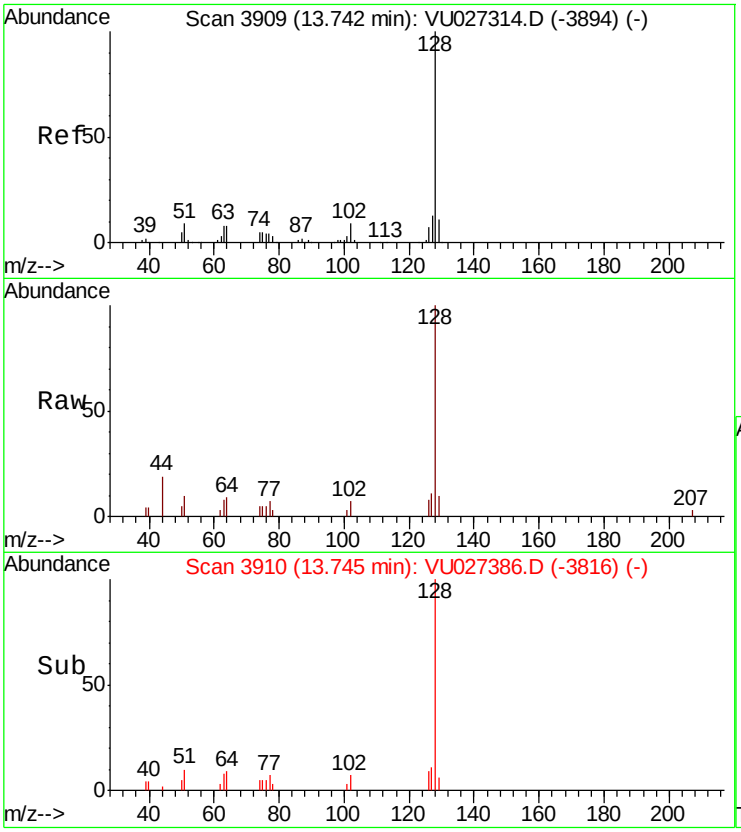


#90
Hexachloroethane
Concen: 0.836 ug/l
RT: 12.25 min Scan# 3446
Delta R.T. 0.11 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion:117 Resp: 820

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.9	113.6#





#95
Naphthalene
Concen: 2.689 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 6790

Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.5	15.7#
129	9.9	8.6	12.8