Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030572.D
Acq On : 30 Mar 2019 13:49
Operator : JC/SP
Sample : I.BLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Mar 31 01:16:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 01:11:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	49220	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	15433	0.82	ug/l		0.00
Spiked Amount 1.000			Recovery = 82.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	16040	0.92	ug/l		0.00
Spiked Amount 1.000			Recovery = 92.00%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	9634	0.360	ug/l		98
10) Iodomethane	2.41	142	696	0.543	ug/l	#	80
13) Acetone	2.32	43	2895	0.838	ug/l	#	79
18) 2-Butanone	4.31	43	946	0.212	ug/l		79
24) tert-Butyl Alcohol	2.84	59	328	0.257	ug/l	#	88
45) 4-Methyl-2-Pentanone	7.47	43	6741	0.641	ug/l	#	96
46) t-1,4-Dichloro-2-butene	10.31	75	7400	2.192	ug/l	#	24
54) 2-Hexanone	8.38	43	10536	1.483	ug/l		87
71) 1,2,3-Trichloropropane	10.31	75	7400	0.795	ug/l	#	41
80) Nitrobenzene	12.94	77	50	0.254	ug/l	#	43
87) 1,2,4-Trichlorobenzene	13.51	180	4734	0.300	ug/l		98
89) Naphthalene	13.75	128	16347	0.594	ug/l	#	96
90) 1,2,3-Trichlorobenzene	13.99	180	5681	0.379	ug/l		89

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

Quantitation Report (Not Reviewed)

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Data File : VU030572.D
Acq On : 30 Mar 2019 13:49
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MSVOA_U
ClientSampleId :

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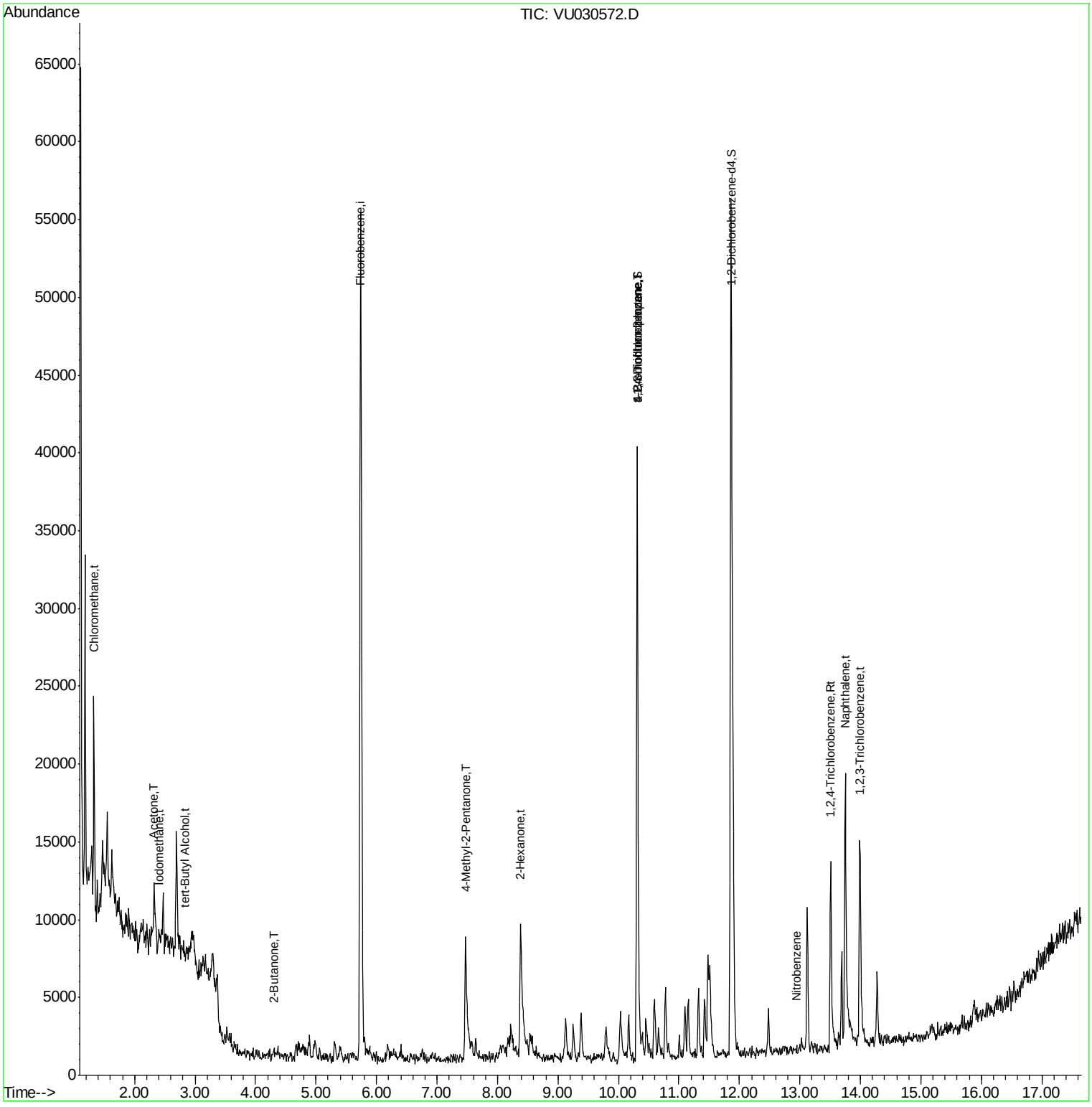
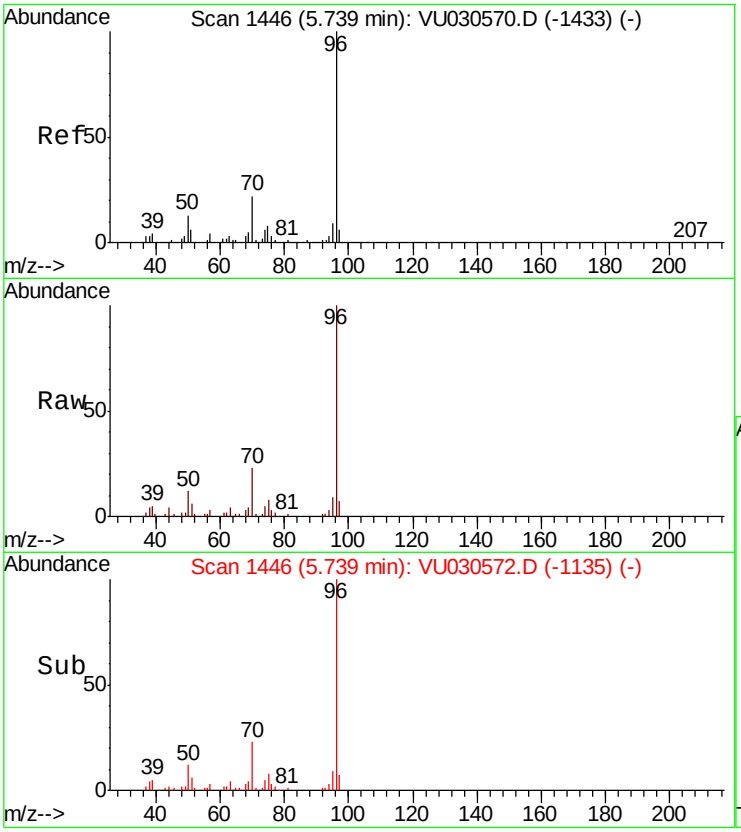


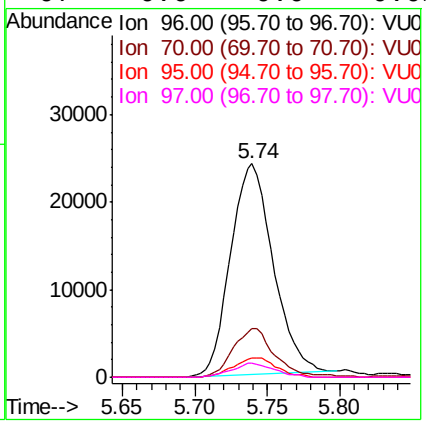


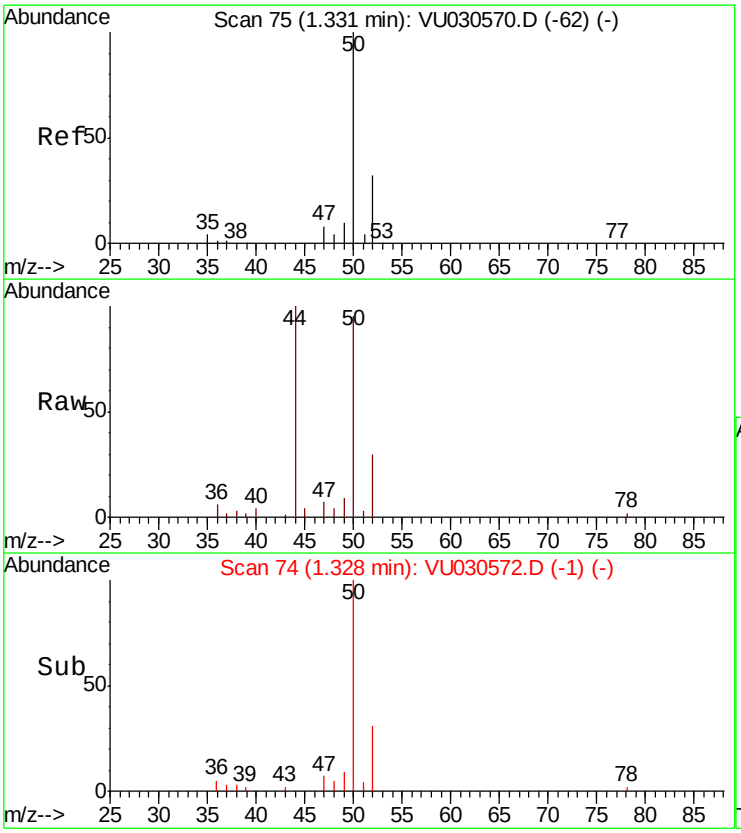
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 5.74 min Scan# 1446
Delta R.T. 0.00 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 49220

Ion	Ratio	Lower	Upper
96	100		
70	22.9	15.6	23.4
95	9.3	7.3	10.9
97	6.6	0.0	0.0#

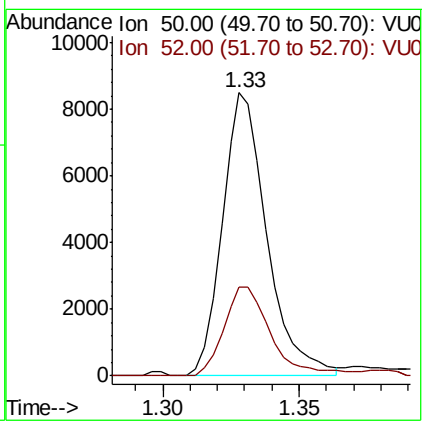


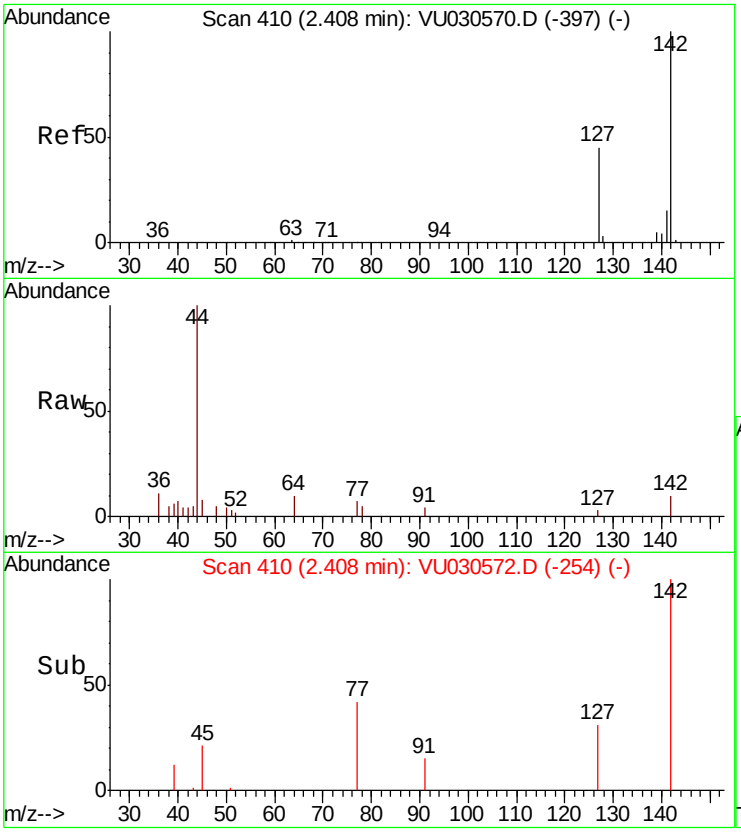


#3
Chloromethane
Concen: 0.360 ug/l
RT: 1.33 min Scan# 74
Delta R.T. -0.00 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Tgt Ion: 50 Resp: 9634

Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.8	38.8



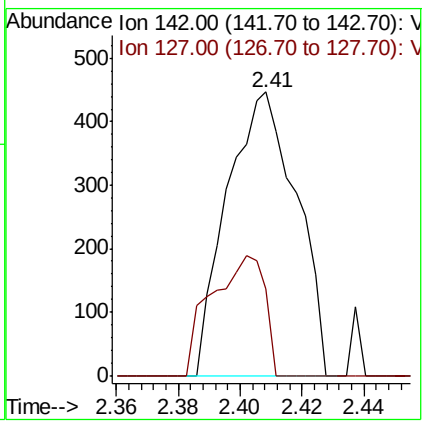


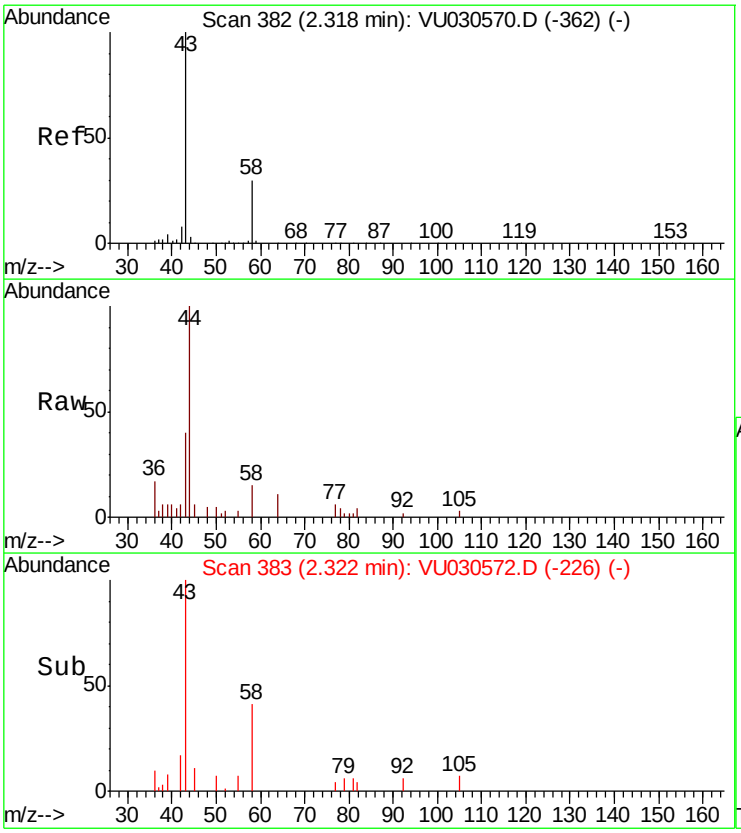
#10
Iodomethane
Concen: 0.543 ug/l
RT: 2.41 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:142 Resp: 696

Ion	Ratio	Lower	Upper
142	100		
127	32.6	36.8	55.2#

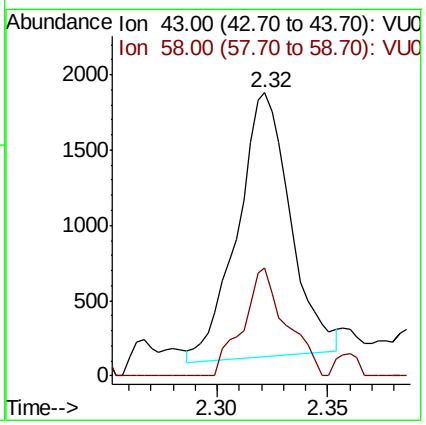


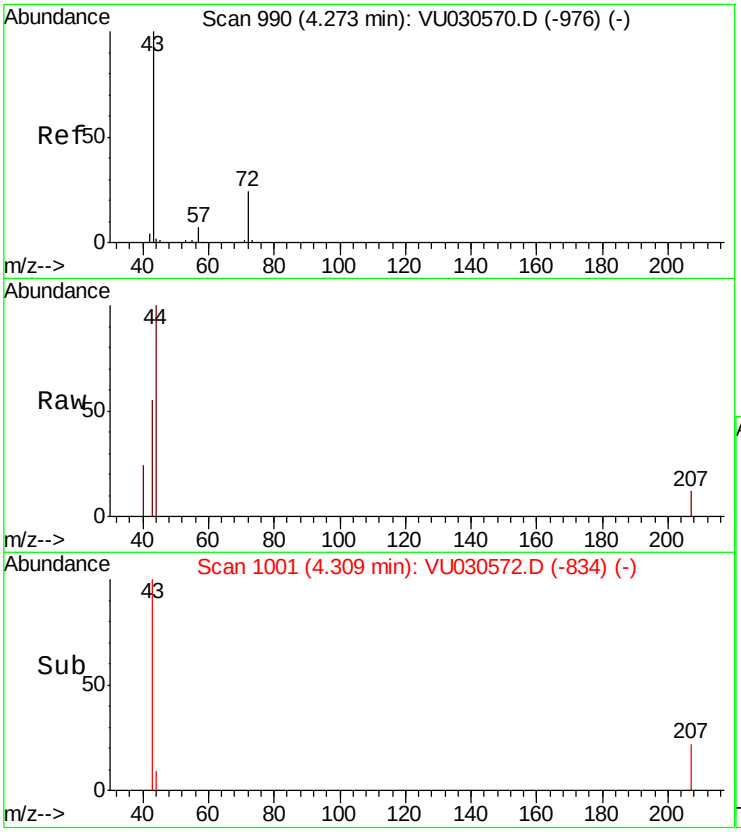


#13
Acetone
Concen: 0.838 ug/l
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Tgt Ion: 43 Resp: 2895

Ion	Ratio	Lower	Upper
43	100		
58	41.8	24.2	36.4#



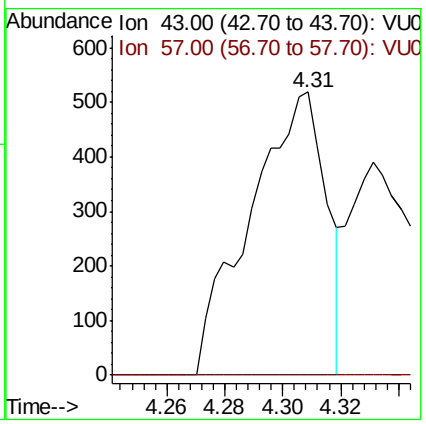


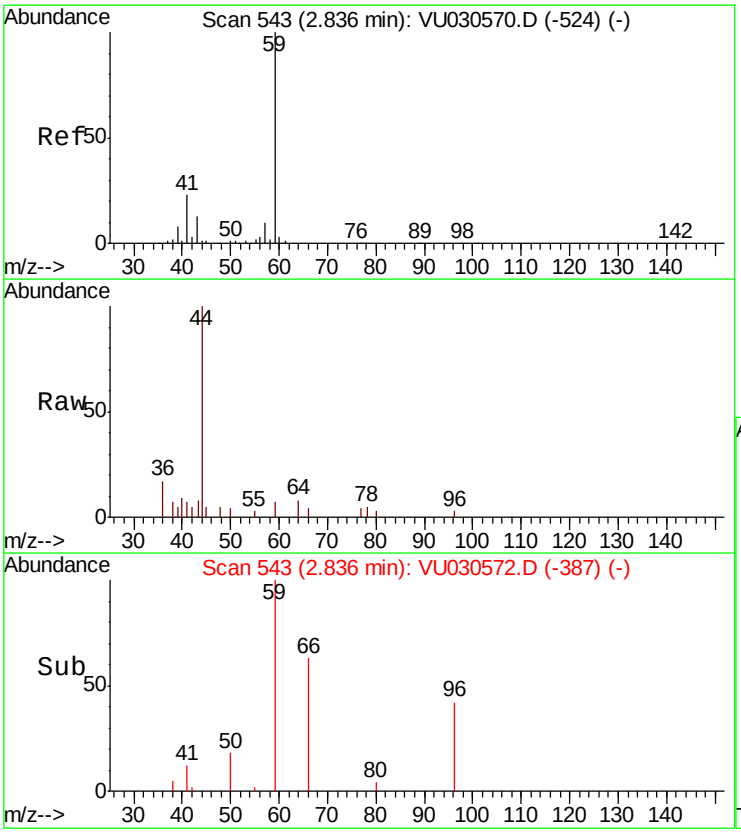
#18
2-Butanone
Concen: 0.212 ug/l
RT: 4.31 min Scan# 1001
Delta R.T. 0.04 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 946

Ion	Ratio	Lower	Upper
43	100		
57	0.0	0.0	14.4

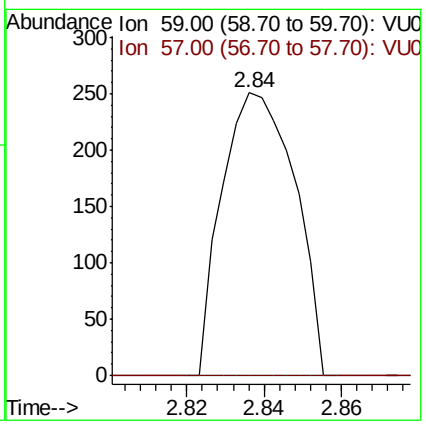


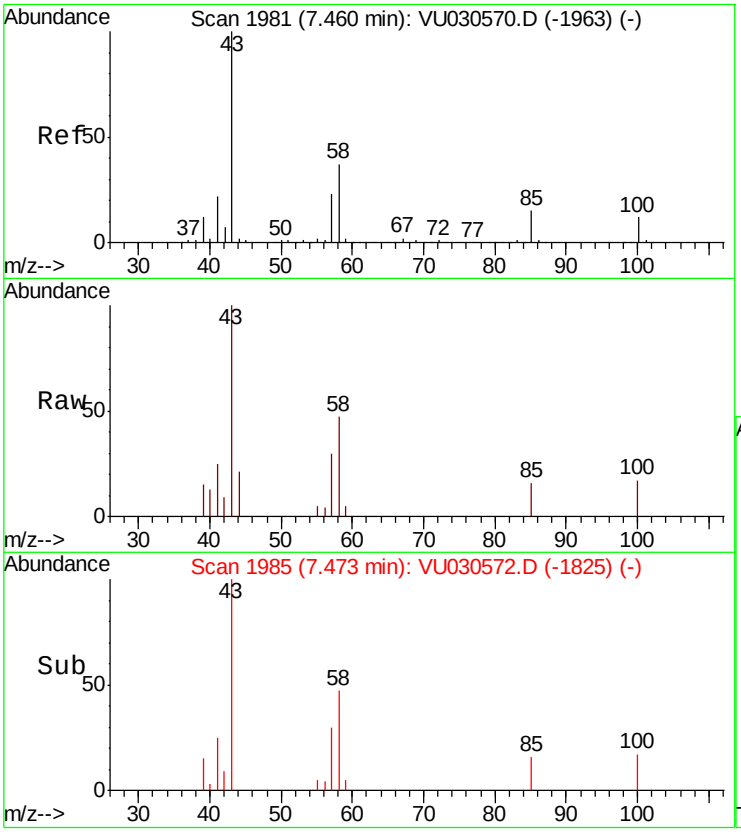


#24
tert-Butyl Alcohol
Concen: 0.257 ug/l
RT: 2.84 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Tgt Ion: 59 Resp: 328

Ion	Ratio	Lower	Upper
59	100		
57	6.1	8.4	12.6#



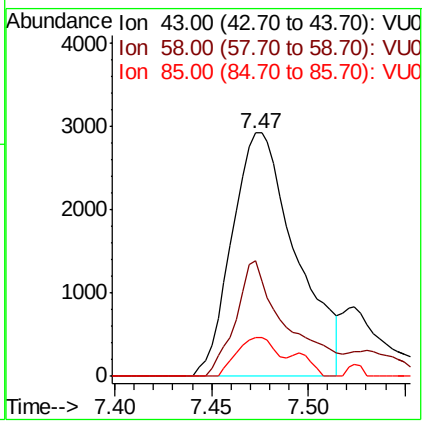


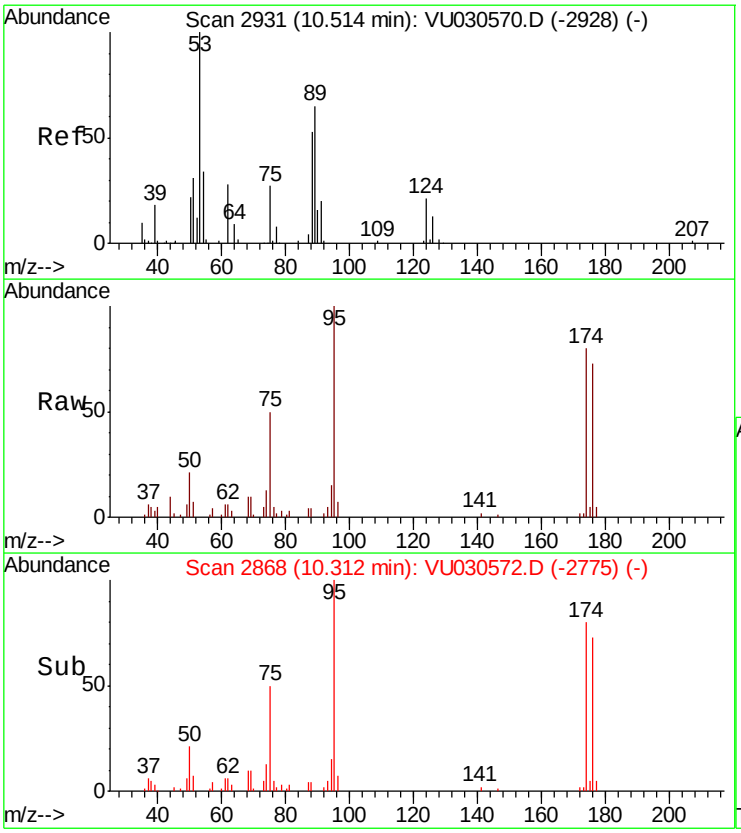
#45
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 7.47 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 6741

Ion	Ratio	Lower	Upper
43	100		
58	38.2	18.6	55.8
85	10.2	11.8	17.6#

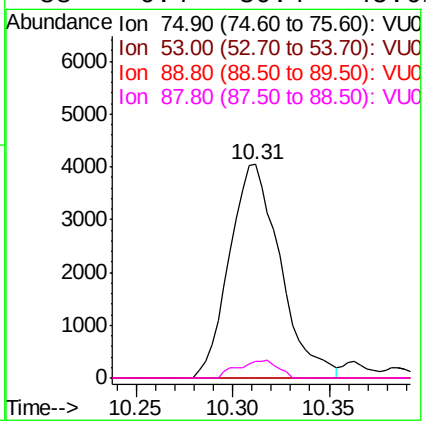


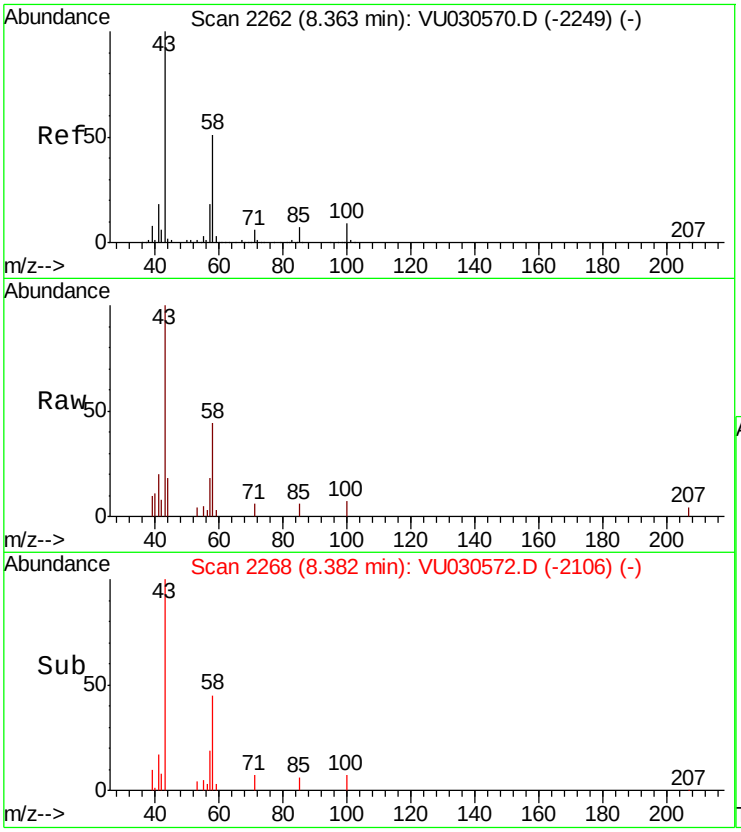


#46
t-1,4-Dichloro-2-butene
Concen: 2.192 ug/l
RT: 10.31 min Scan# 2868
Delta R.T. -0.20 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Tgt Ion: 75 Resp: 7400

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.4	95.2#
89	0.0	39.1	58.7#
88	6.4	30.4	45.6#



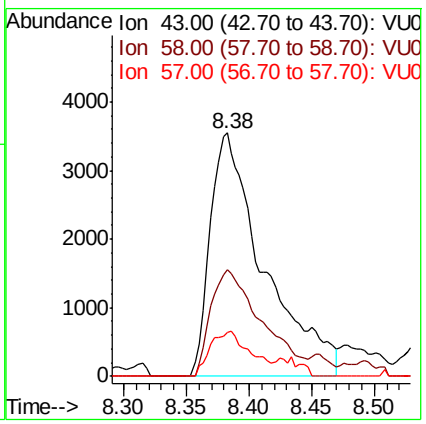


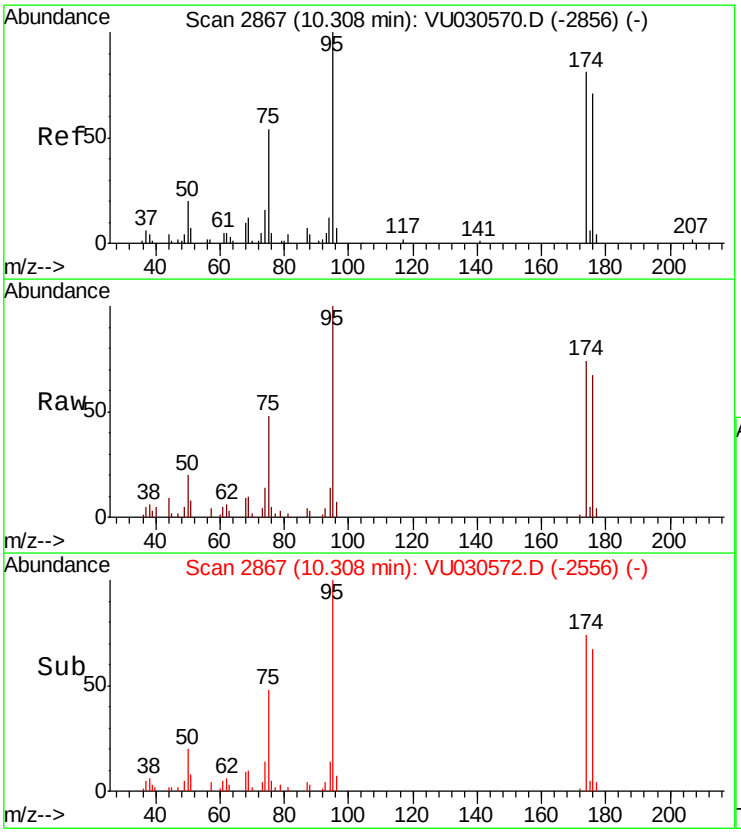
#54
2-Hexanone
Concen: 1.483 ug/l
RT: 8.38 min Scan# 2268
Delta R.T. 0.02 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 10536

Ion	Ratio	Lower	Upper
43	100		
58	42.2	32.5	72.5
57	13.9	0.0	37.6

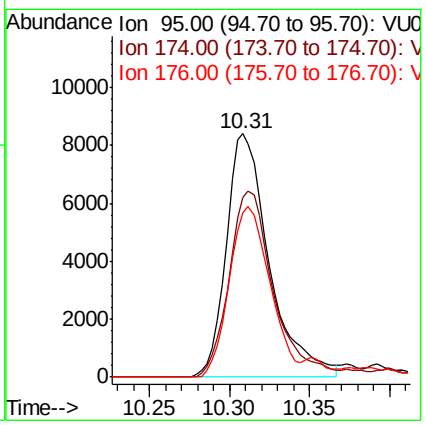


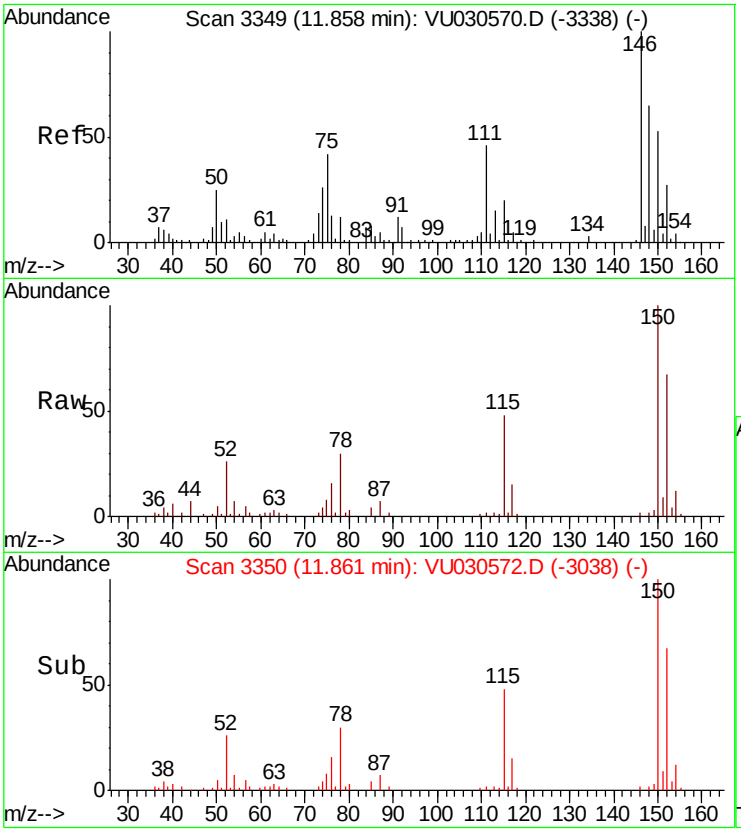


#57
4-Bromofluorobenzene
Concen: Below ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Tgt Ion: 95 Resp: 15433

Ion	Ratio	Lower	Upper
95	100		
174	78.0	60.5	90.7
176	66.2	57.9	86.9



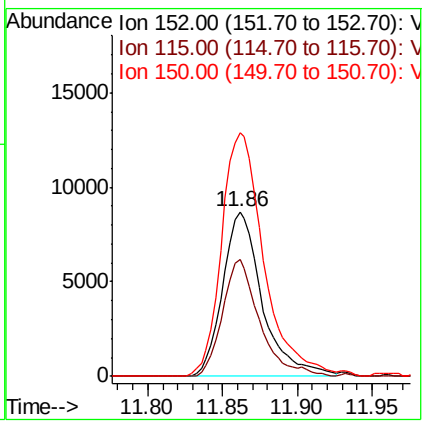


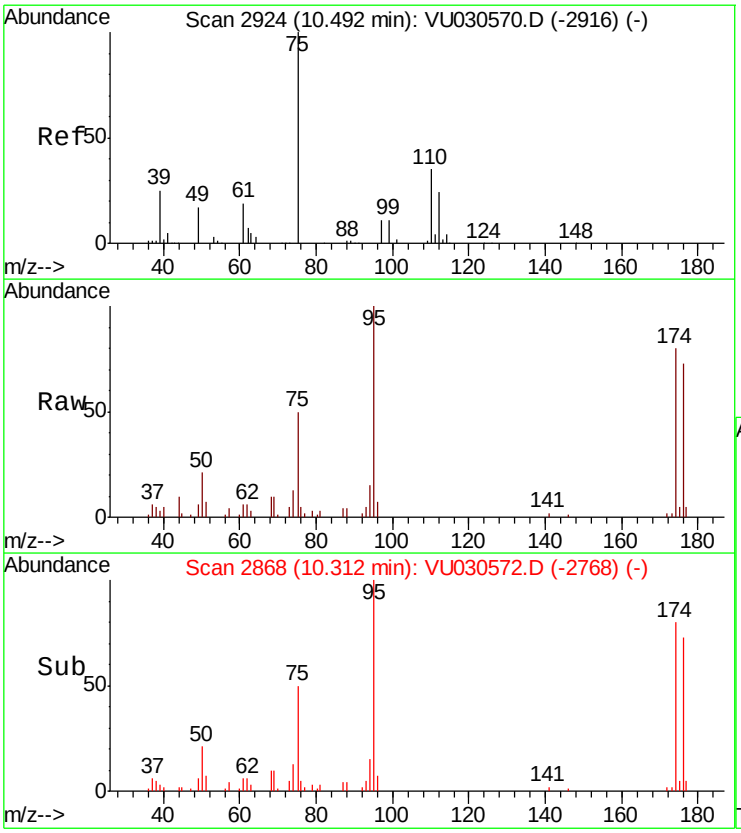
#68
1,2-Dichlorobenzene-d4
Concen: N.D. ug/l
RT: 11.86 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 16040

Ion	Ratio	Lower	Upper
152	100		
115	66.3	0.0	136.2
150	157.9	0.0	634.6

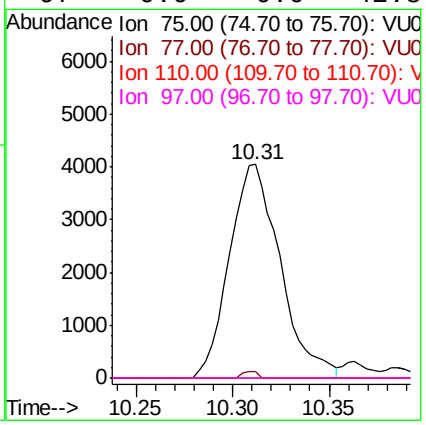


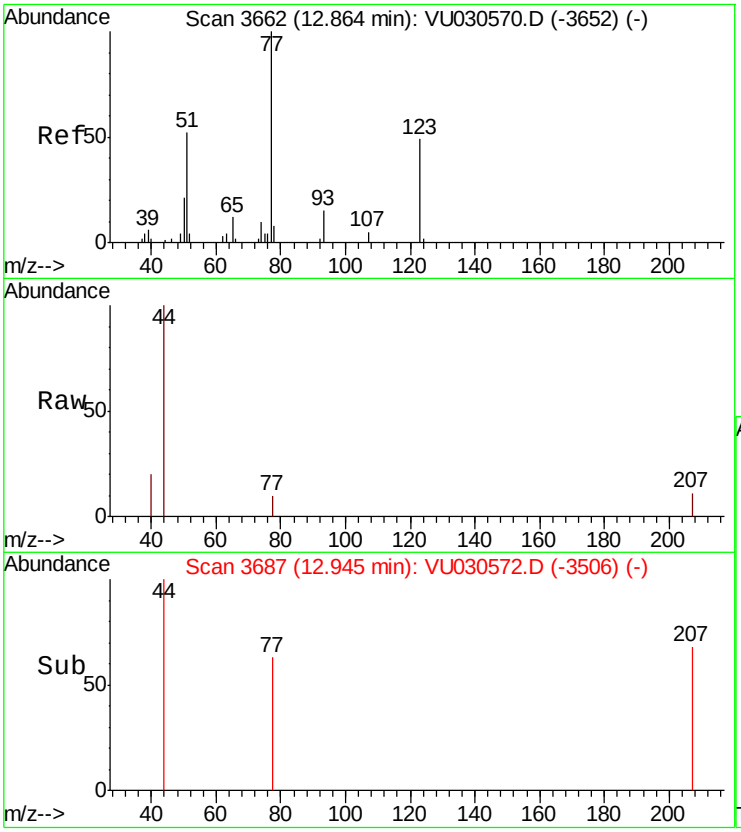


#71
1,2,3-Trichloropropane
Concen: 0.795 ug/l
RT: 10.31 min Scan# 2868
Delta R.T. -0.18 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Tgt Ion: 75 Resp: 7400

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#
110	0.0	0.0	83.8
97	0.0	0.0	42.8



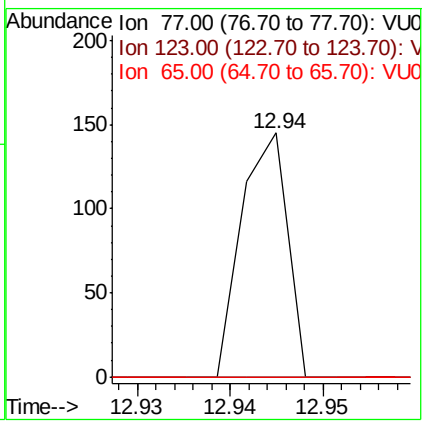


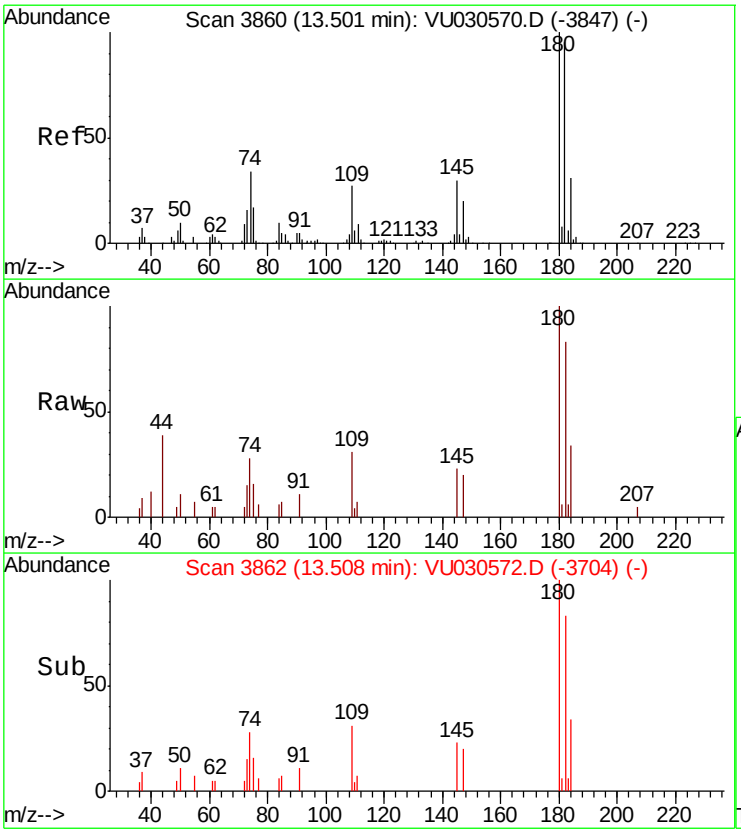
#80
Nitrobenzene
Concen: 0.254 ug/l
RT: 12.94 min Scan# 3687
Delta R.T. 0.08 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 77 Resp: 50

Ion	Ratio	Lower	Upper
77	100		
123	0.0	17.5	62.1#
65	0.0	8.1	10.3#

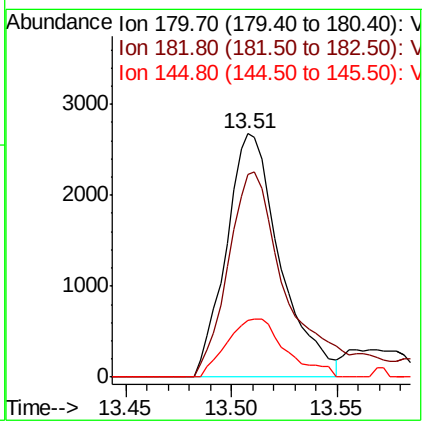


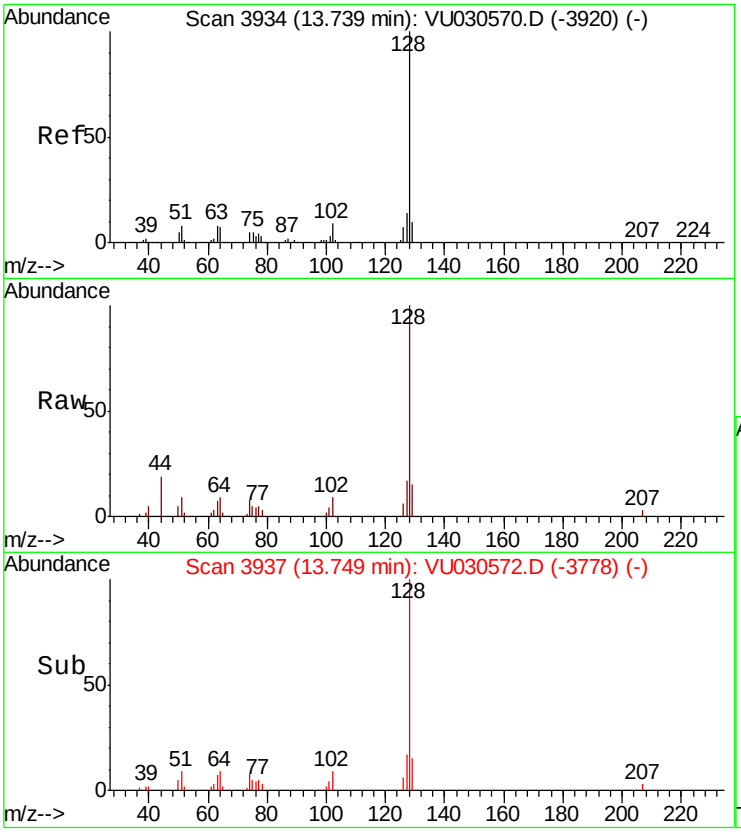


#87
1,2,4-Trichlorobenzene
Concen: 0.300 ug/l
RT: 13.51 min Scan# 3862
Delta R.T. 0.01 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Tgt Ion:180 Resp: 4734

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.0	114.0
145	26.0	24.3	36.5



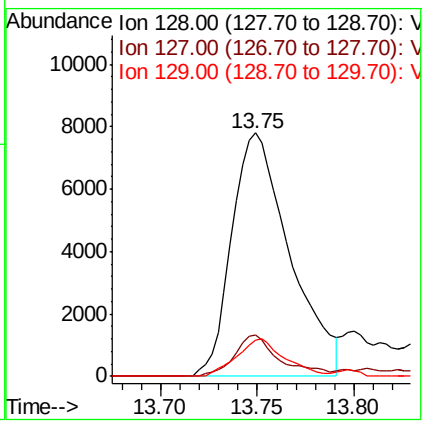


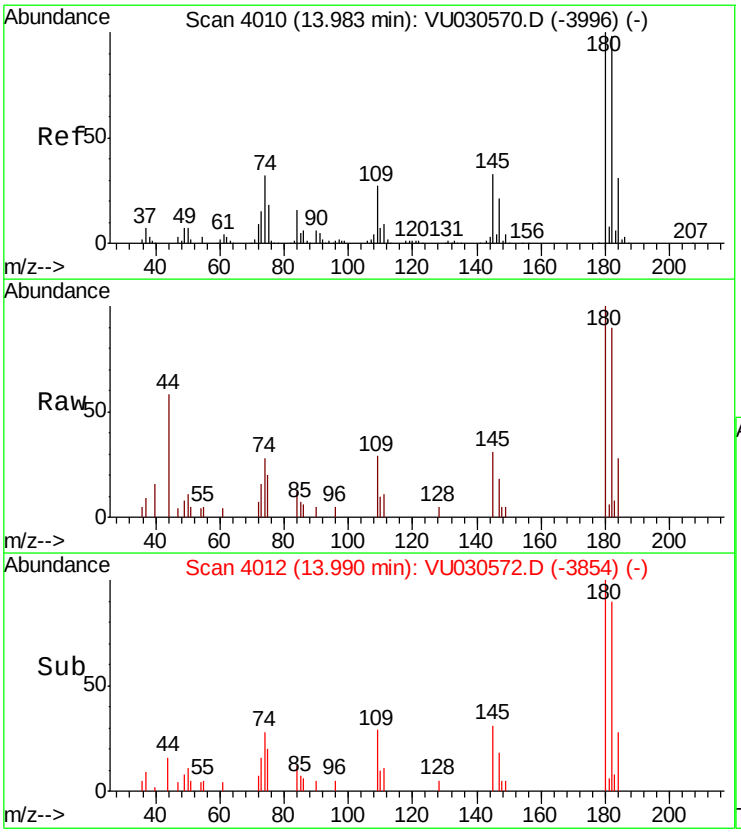
#89
Naphthalene
Concen: 0.594 ug/l
RT: 13.75 min Scan# 3937
Delta R.T. 0.01 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 16347

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	12.6	7.8	11.8#





#90
1,2,3-Trichlorobenzene
Concen: 0.379 ug/l
RT: 13.99 min Scan# 4012
Delta R.T. 0.01 min
Lab File: VU030572.D
Acq: 30 Mar 2019 13:49

Tgt Ion:180 Resp: 5681

Ion	Ratio	Lower	Upper
180	100		
182	83.8	76.6	114.8
145	27.5	25.9	38.9