Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
Data File : VU029011.D
Acq On : 03 Jan 2019 20:50
Operator : MD/SY
Sample : K1017-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Jan 04 07:51:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	128469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	219982	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	197275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	81494	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.62%			
35) Dibromofluoromethane	4.88	113	71111	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.74%			
50) Toluene-d8	7.56	98	272384	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.76%			
62) 4-Bromofluorobenzene	10.30	95	86752	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.76%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1072	Below Cal		99
5) Bromomethane	1.62	94	64	Below Cal		90
11) Tert butyl alcohol	2.83	59	1316	3.260	ug/l #	73
13) Acrolein	2.19	56	164	0.541	ug/l	87
14) Allyl chloride	2.70	41	7586	3.103	ug/l #	29
16) Acetone	2.32	43	11679	11.674	ug/l	97
17) Carbon Disulfide	2.48	76	553	Below Cal #		75
18) Methyl Acetate	2.62	43	3578	1.538	ug/l	95
20) Methylene Chloride	2.70	84	217368	127.967	ug/l	99
25) 2-Butanone	4.28	43	1755	1.299	ug/l #	89
29) Tetrahydrofuran	4.66	42	579	0.706	ug/l #	58
31) Cyclohexane	4.98	56	2322	Below Cal #		1
36) 1,1-Dichloropropene	4.98	75	9547	4.342	ug/l #	46
38) Carbon Tetrachloride	4.98	117	11344	6.186	ug/l #	17
43) Isopropyl Acetate	5.55	43	8933	2.413	ug/l	97
45) 1,2-Dichloropropane	6.70	63	743	0.410	ug/l #	43
48) Methyl methacrylate	6.70	41	54359	30.153	ug/l #	36
51) 4-Methyl-2-Pentanone	7.56	43	4377	1.737	ug/l	90
54) cis-1,3-Dichloropropene	7.42	75	23007	8.314	ug/l #	57
57) 1,3-Dichloropropane	8.41	76	4861	1.698	ug/l #	42
59) 2-Hexanone	8.31	43	6488	3.280	ug/l #	21
68) m/p-Xylenes	9.37	106	1298	0.452	ug/l	92
69) o-Xylene	9.78	106	607	0.220	ug/l	94
74) N-amyl acetate	9.77	43	6269	2.413	ug/l #	46
76) 1,2,3-Trichloropropane	10.30	75	40590	20.337	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.77	105	2311	0.459	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.30	75	40590	52.451	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	5175	1.029	ug/l	93
90) Hexachloroethane	12.25	117	216	0.251	ug/l #	7
95) Naphthalene	13.74	128	125198	19.862	ug/l	99

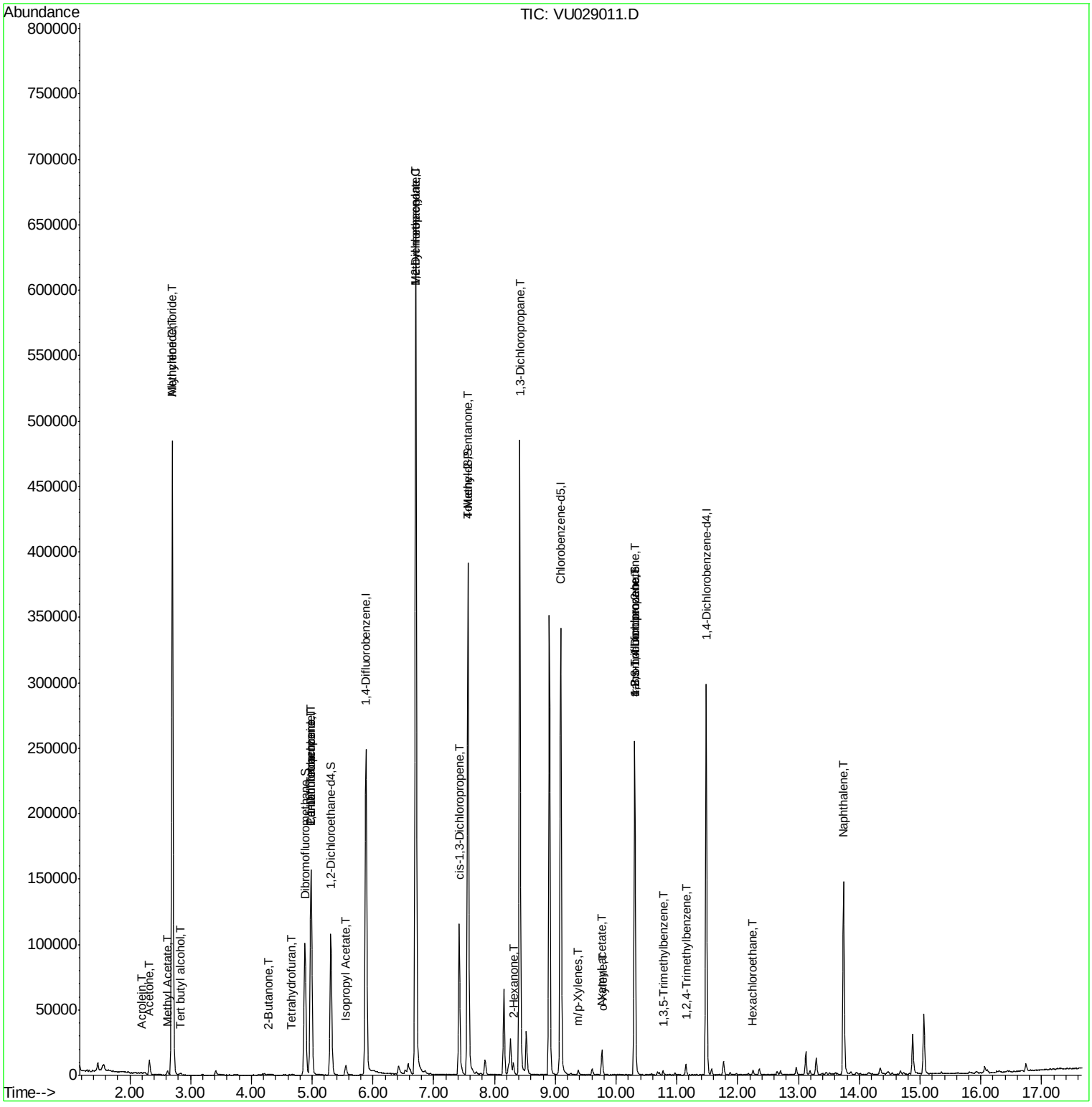
(#) = qualifier out of range (m) = manual integration (+) = signals summed

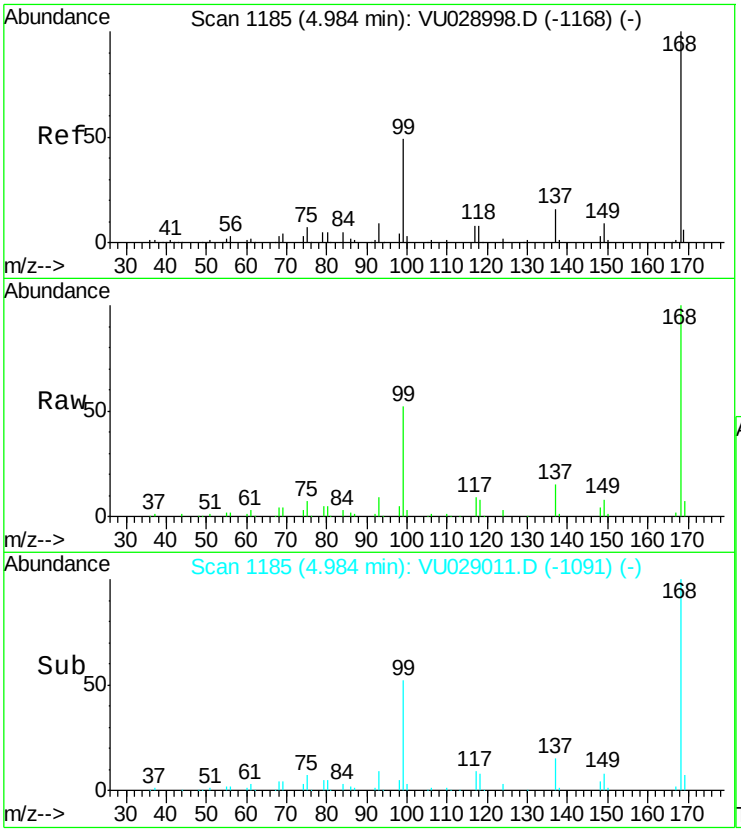
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
Data File : VU029011.D
Acq On : 03 Jan 2019 20:50
Operator : MD/SY
Sample : K1017-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 04 07:51:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration



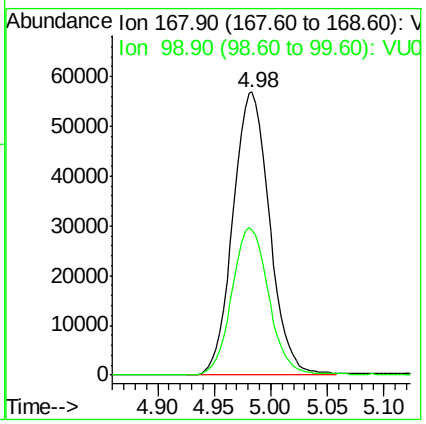


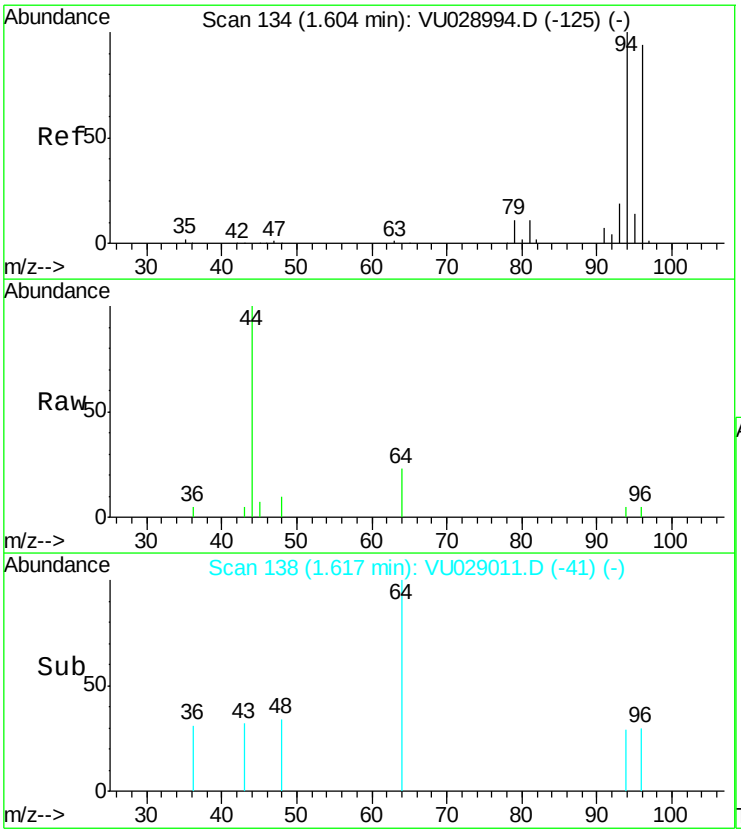
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 128469

Ion	Ratio	Lower	Upper
168	100		
99	51.5	42.0	63.0

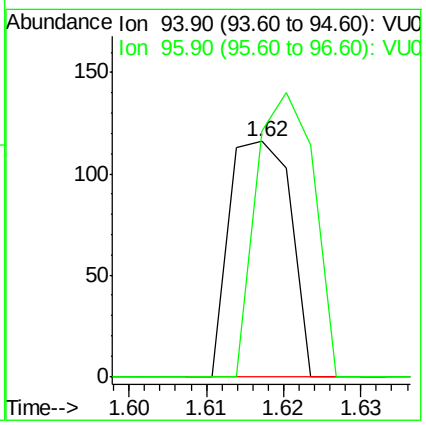


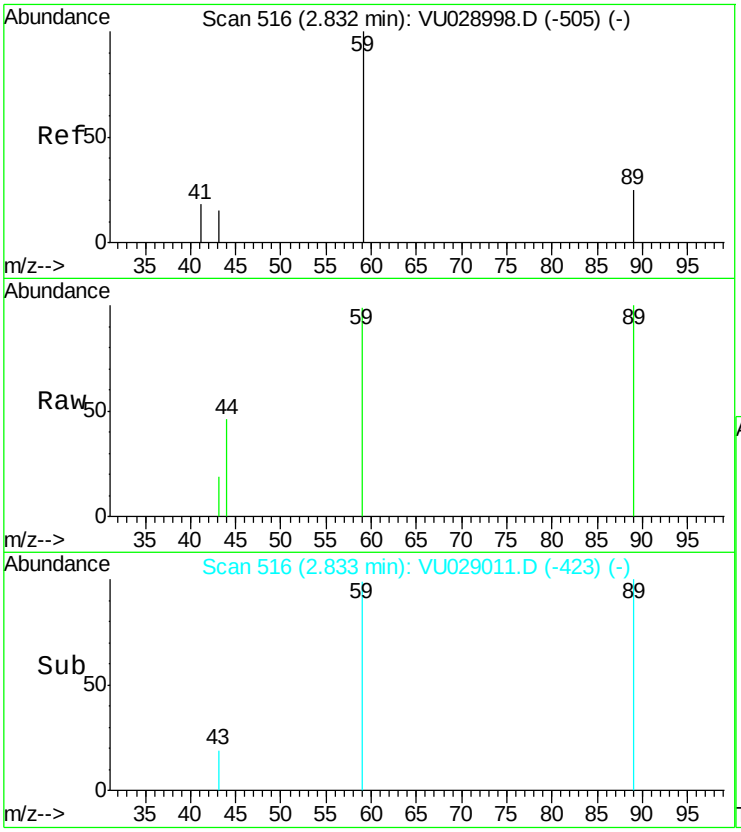


#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 138
Delta R.T. 0.01 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 94 Resp: 64

Ion	Ratio	Lower	Upper
94	100		
96	104.3	75.5	113.3



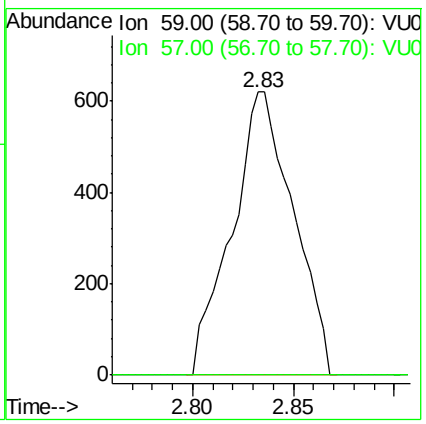


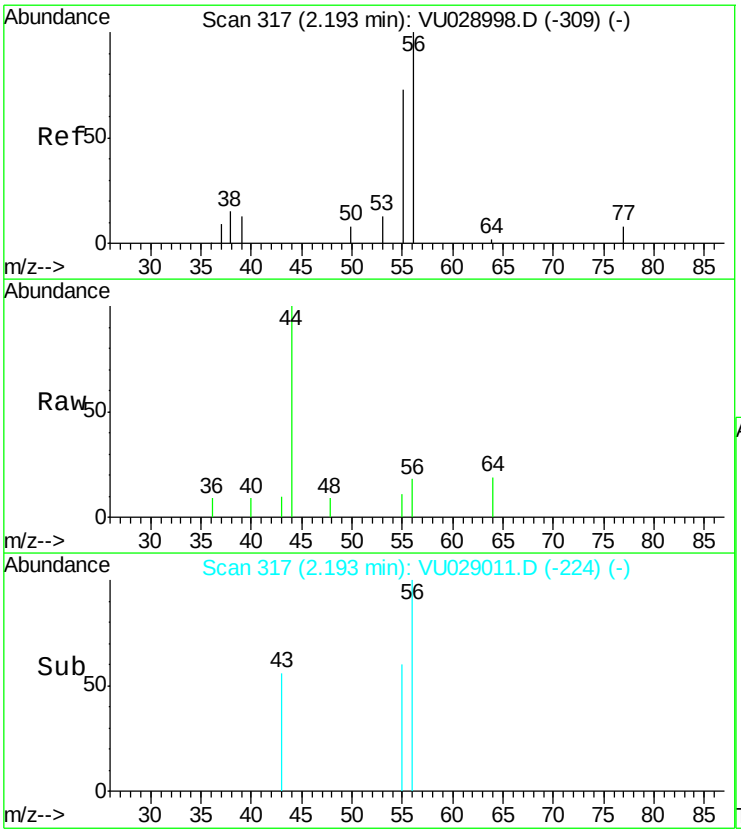
#11
Tert butyl alcohol
Concen: 3.260 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 59 Resp: 1316

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

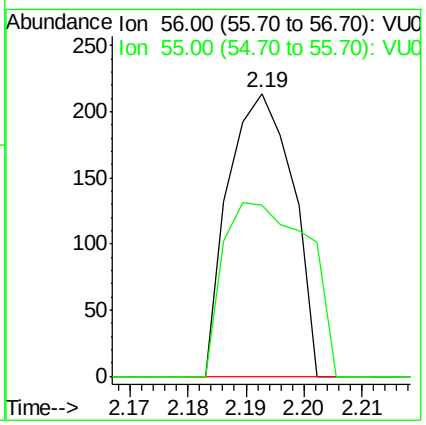


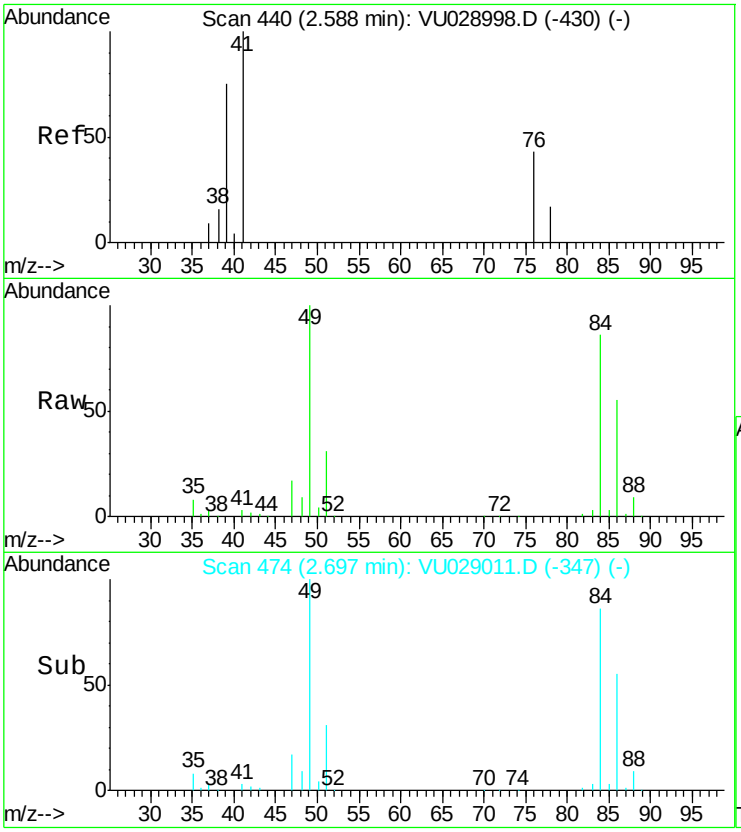


#13
Acrolein
Concen: 0.541 ug/l
RT: 2.19 min Scan# 317
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 56 Resp: 164

Ion	Ratio	Lower	Upper
56	100		
55	81.1	56.5	84.7



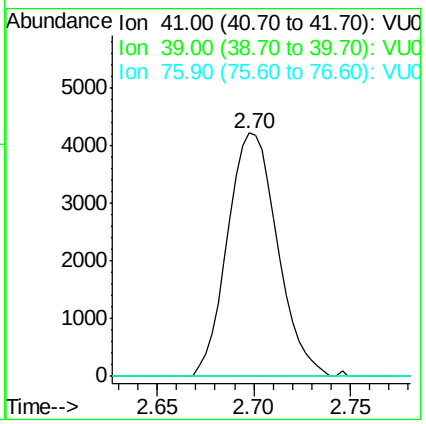


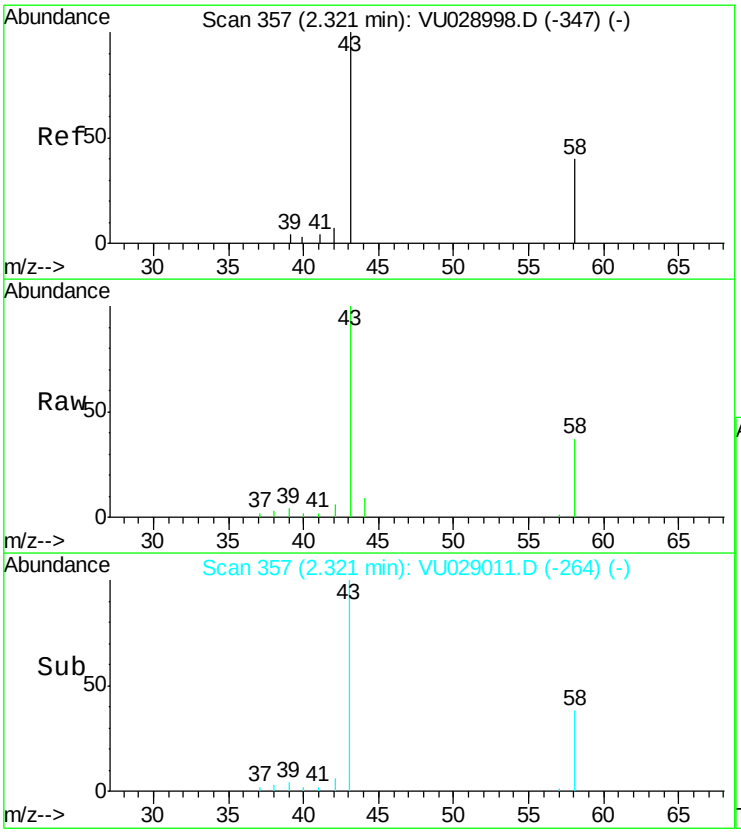
#14
Allyl chloride
Concen: 3.103 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.11 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 7586

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.0	67.6#
76	0.0	28.1	42.1#

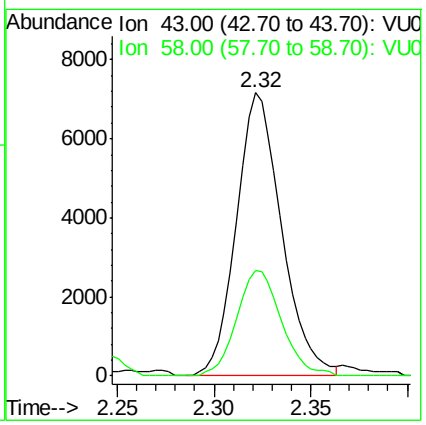


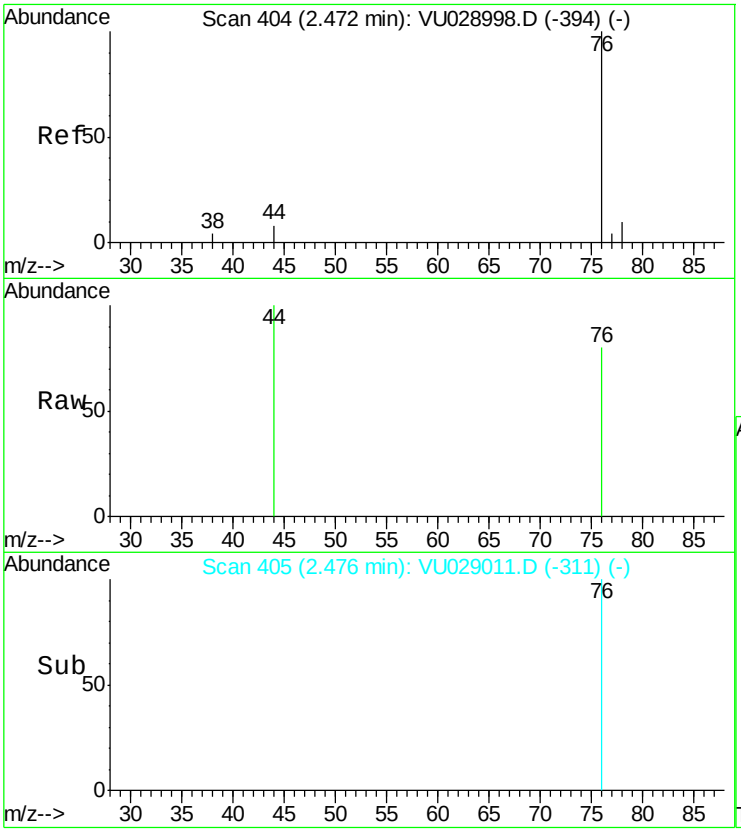


#16
Acetone
Concen: 11.674 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 43 Resp: 11679

Ion	Ratio	Lower	Upper
43	100		
58	37.3	28.6	42.8



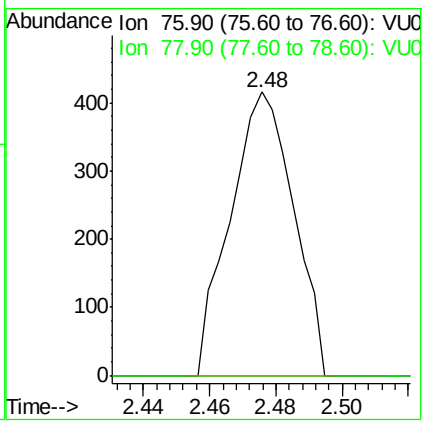


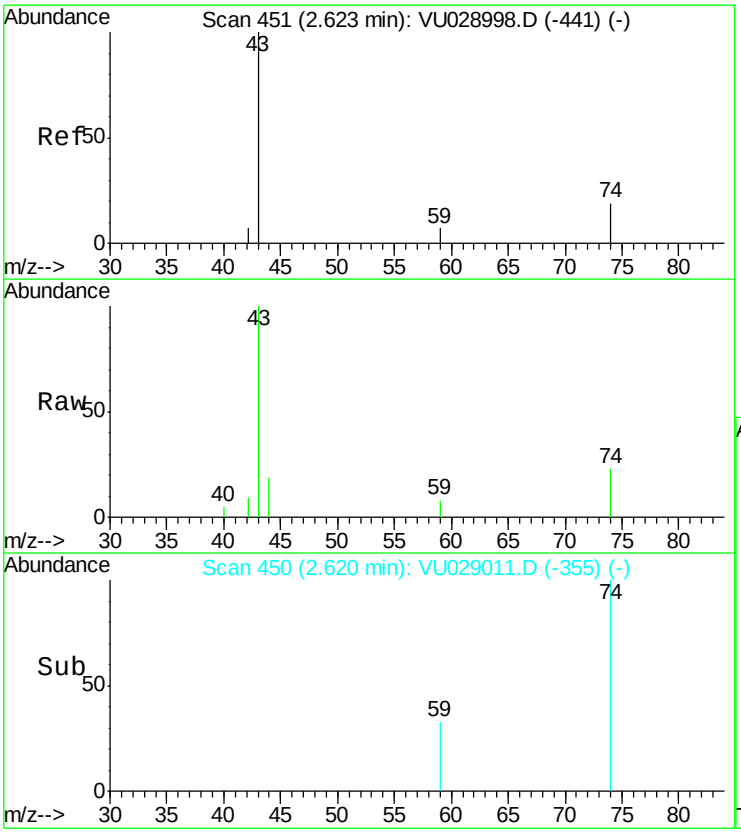
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 553

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

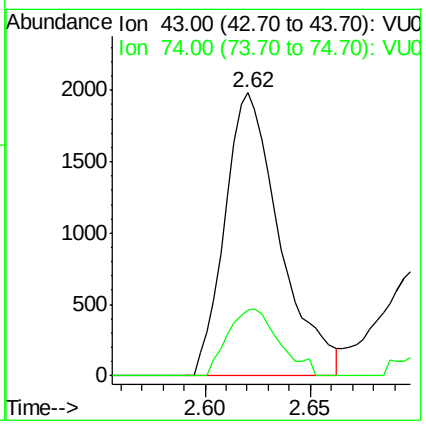


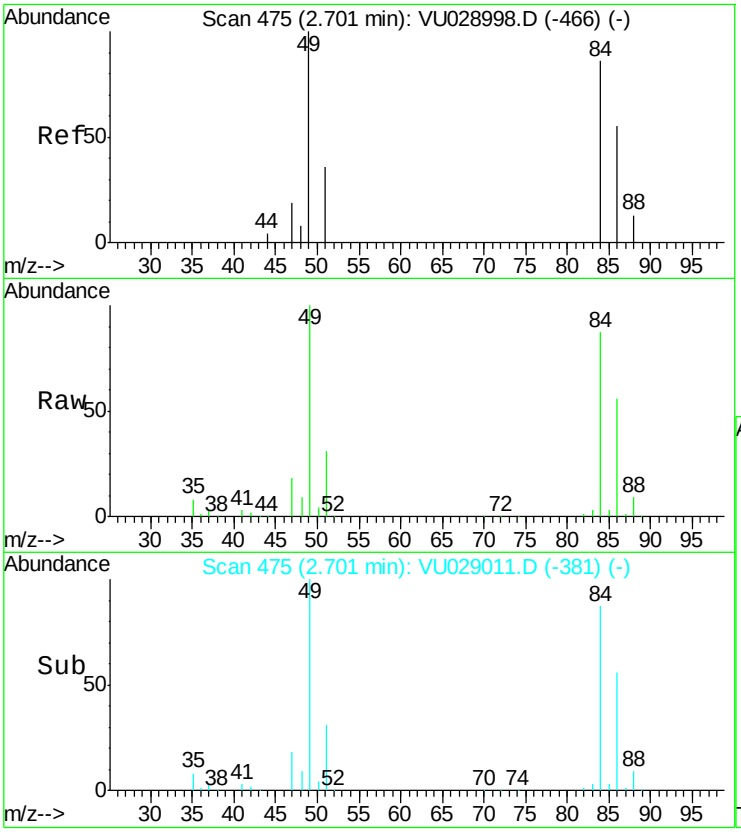


#18
Methyl Acetate
Concen: 1.538 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 43 Resp: 3578

Ion	Ratio	Lower	Upper
43	100		
74	22.2	19.5	29.3



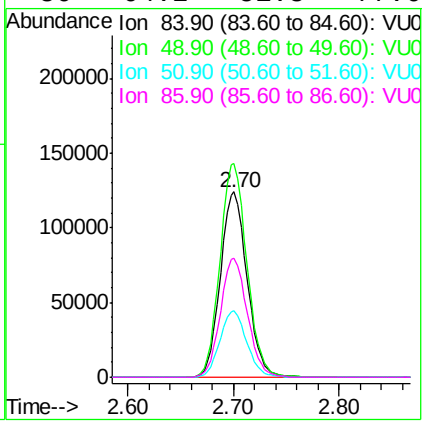


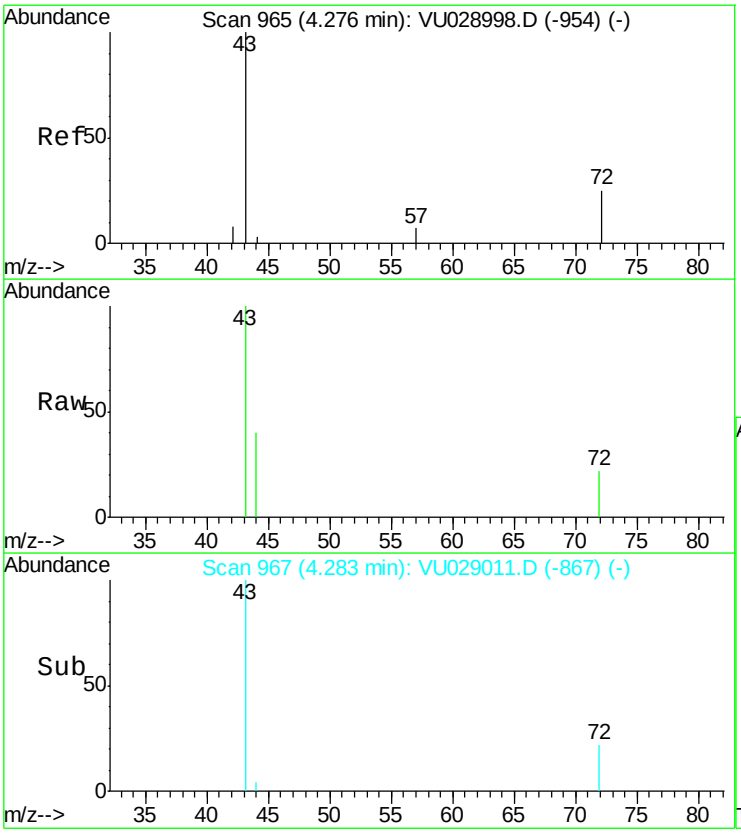
#20
Methylene Chloride
Concen: 127.967 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 217368

Ion	Ratio	Lower	Upper
84	100		
49	115.3	91.9	137.9
51	35.7	29.2	43.8
86	64.2	51.8	77.6

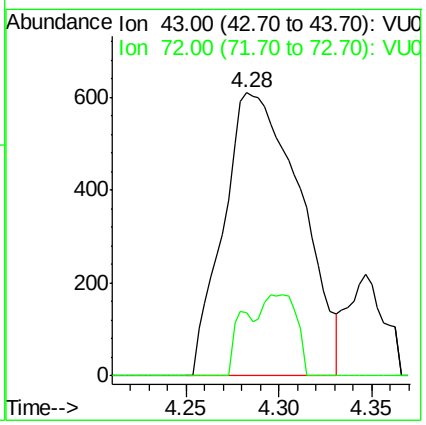


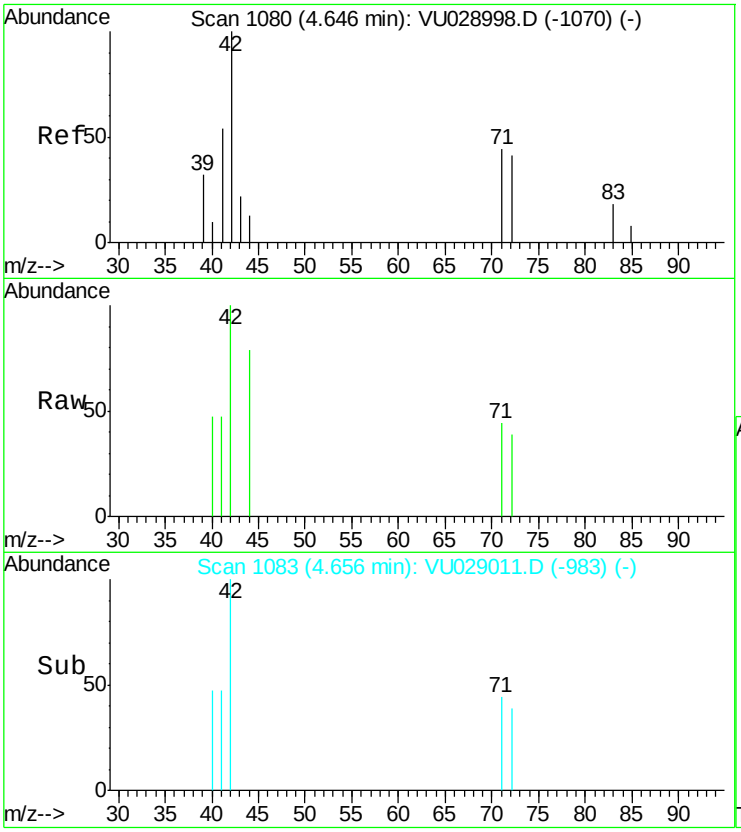


#25
2-Butanone
Concen: 1.299 ug/l
RT: 4.28 min Scan# 967
Delta R.T. 0.02 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 43 Resp: 1755

Ion	Ratio	Lower	Upper
43	100		
72	22.3	22.6	33.8#



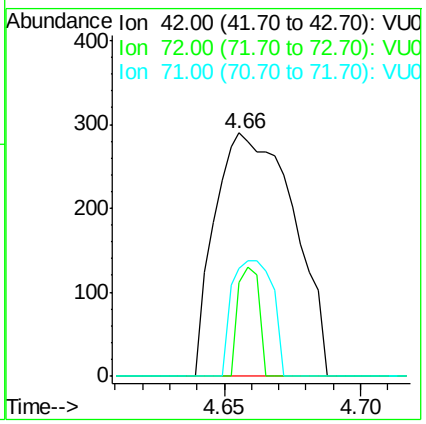


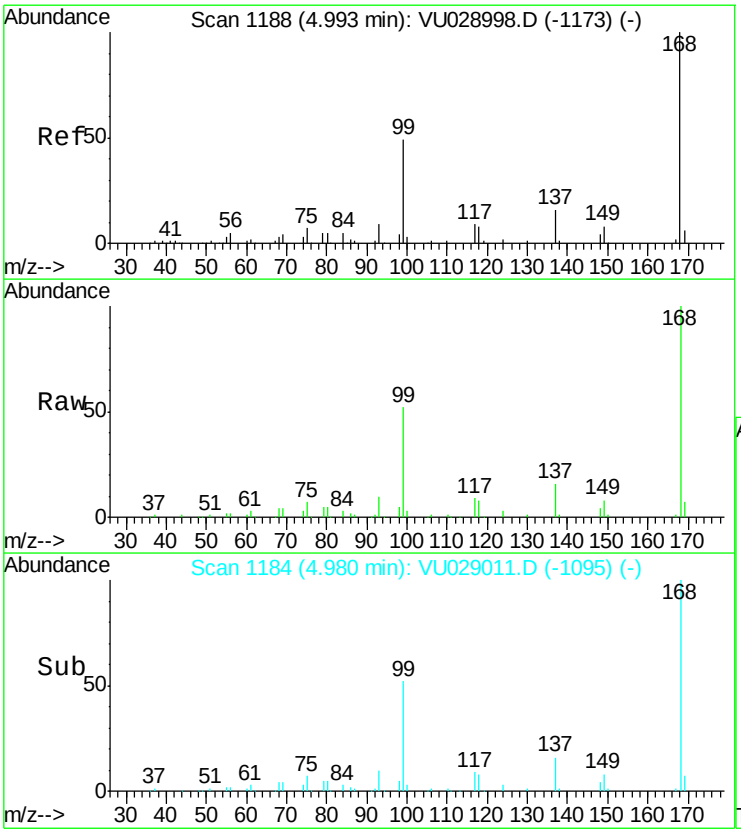
#29
Tetrahydrofuran
Concen: 0.706 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 42 Resp: 579

Ion	Ratio	Lower	Upper
42	100		
72	12.1	38.3	57.5#
71	24.7	36.1	54.1#

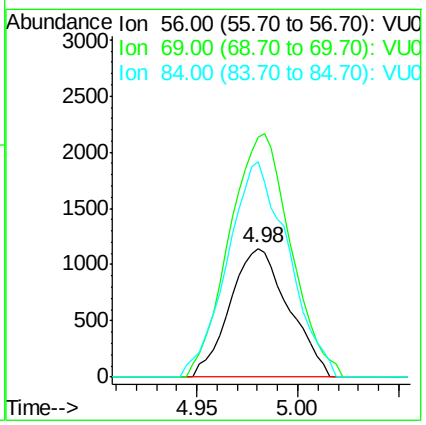


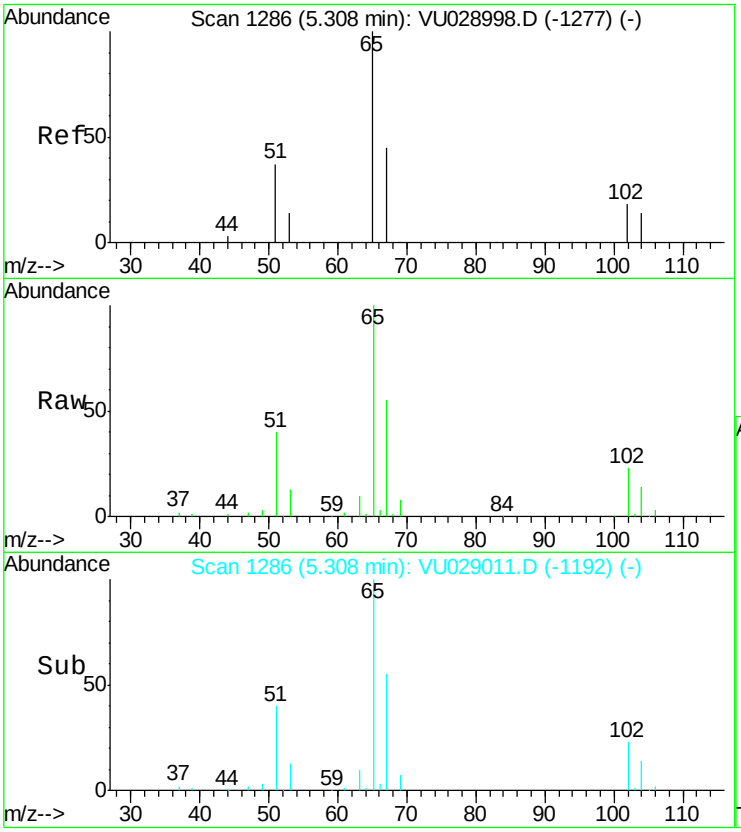


#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 56 Resp: 2322

Ion	Ratio	Lower	Upper
56	100		
69	186.4	26.7	40.1#
84	167.3	65.7	98.5#



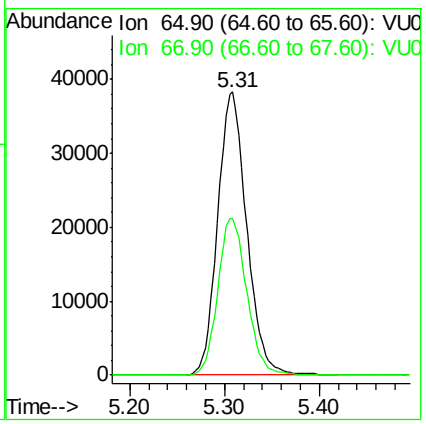


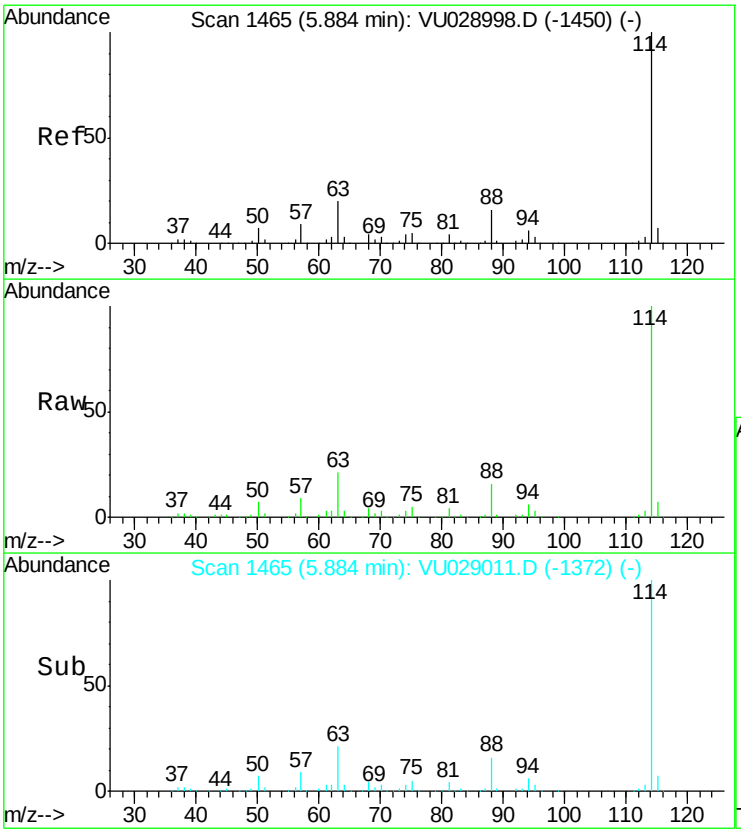
#33
1,2-Dichloroethane-d4
Concen: 51.314 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 65 Resp: 81494

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.0

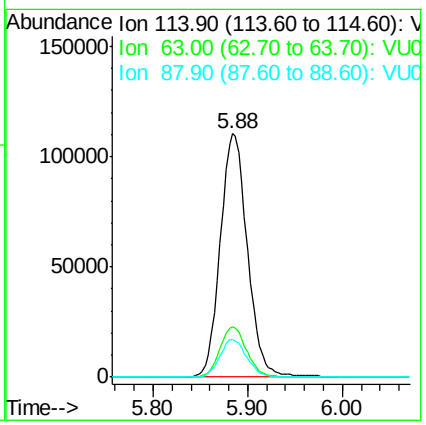


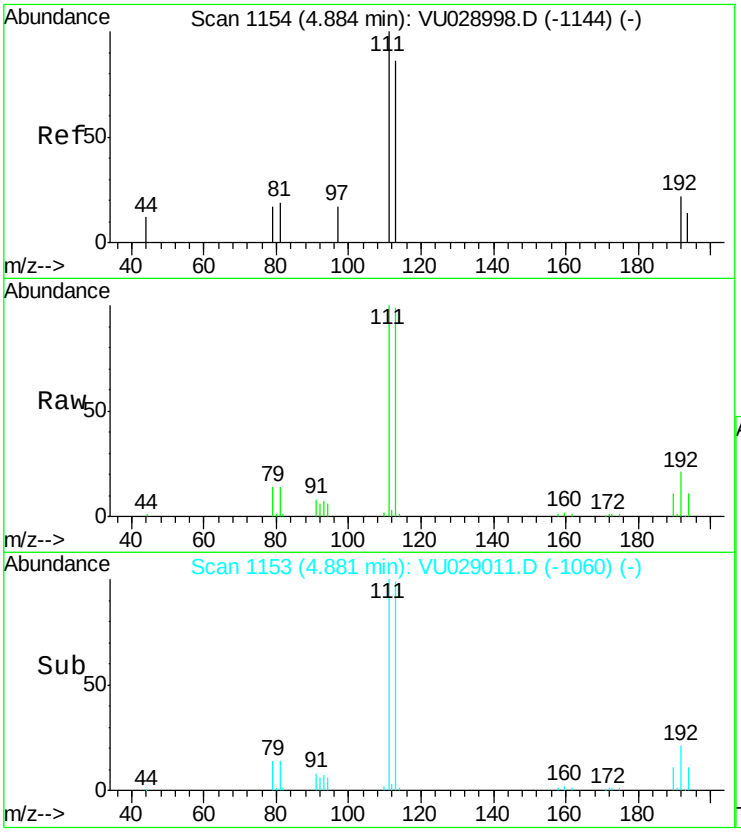


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion:114 Resp: 219982

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.2
88	15.6	0.0	30.4



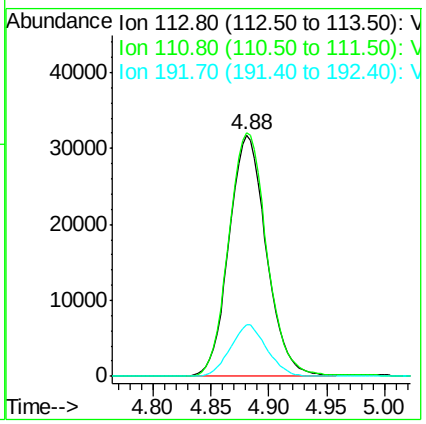


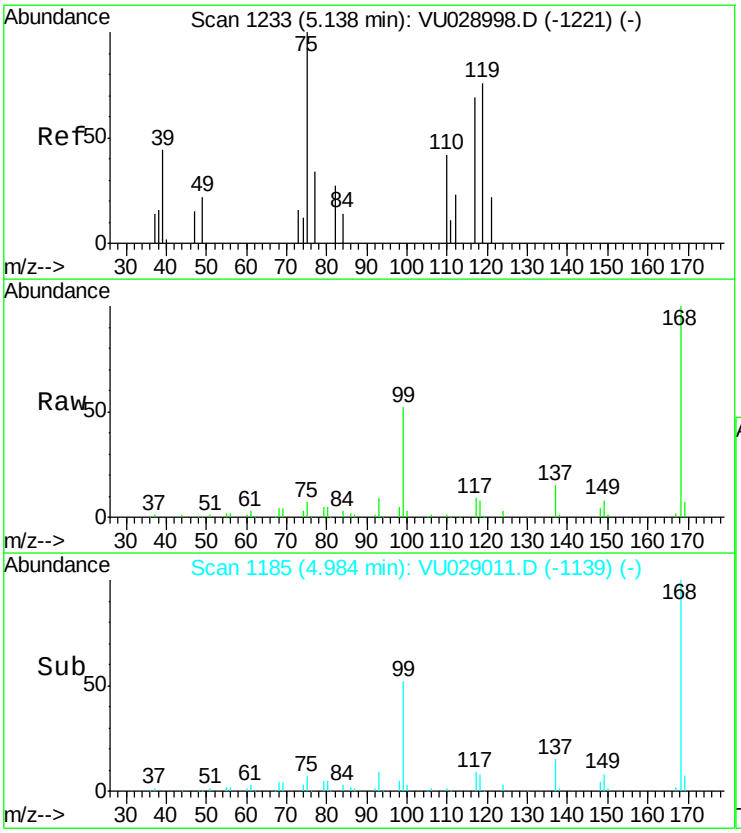
#35
Dibromofluoromethane
Concen: 49.868 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:113 Resp: 71111

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.2
192	20.8	16.8	25.2

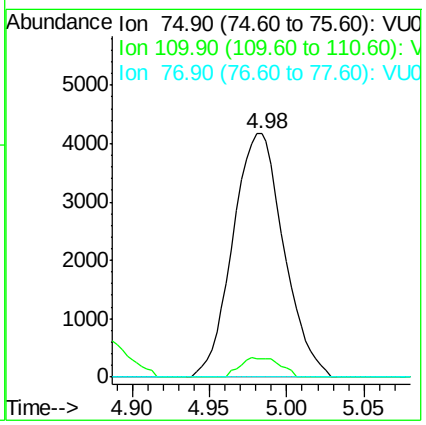


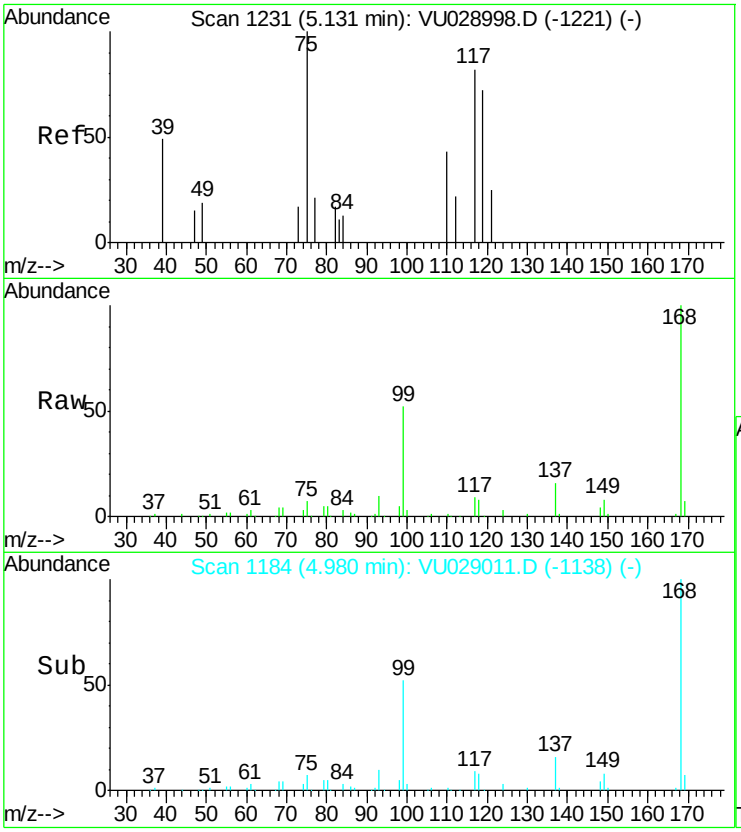


#36
1,1-Dichloropropene
Concen: 4.342 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 75 Resp: 9547

Ion	Ratio	Lower	Upper
75	100		
110	6.1	18.4	55.4#
77	0.0	25.1	37.7#



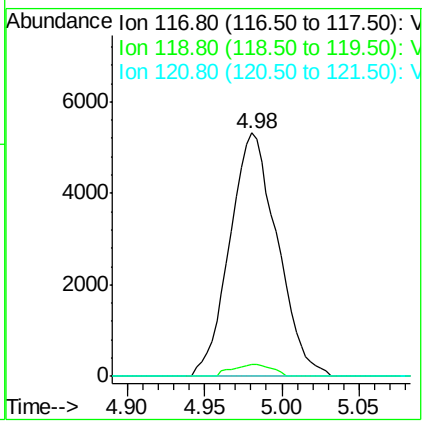


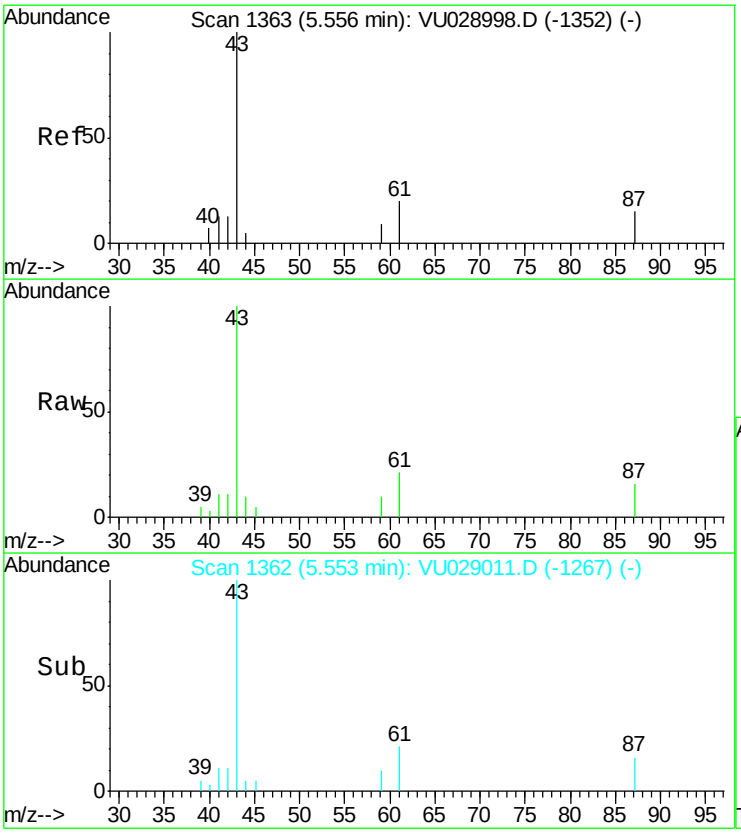
#38
Carbon Tetrachloride
Concen: 6.186 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 11344

Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.6	111.8#
121	0.0	25.0	37.6#

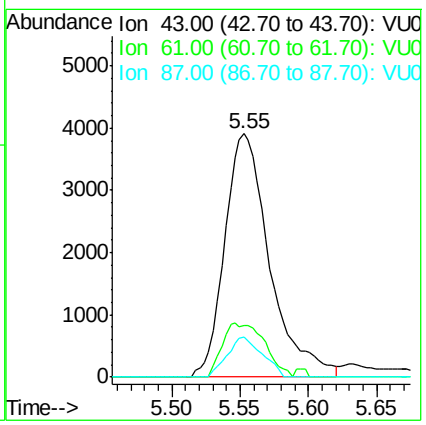


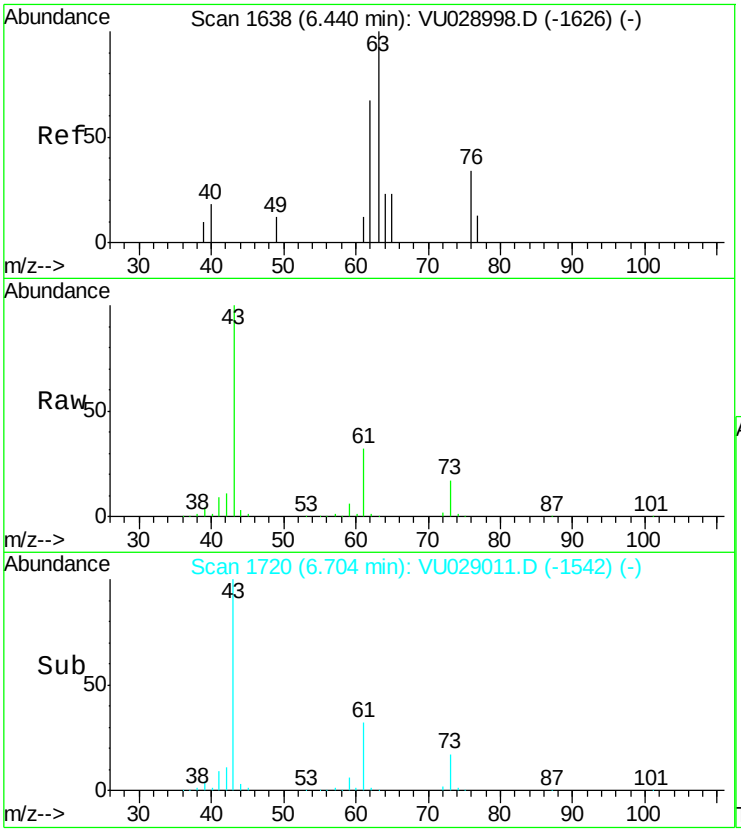


#43
Isopropyl Acetate
Concen: 2.413 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 43 Resp: 8933

Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.8	26.6
87	12.8	11.3	16.9



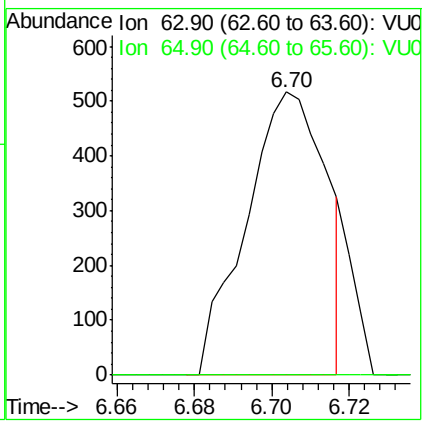


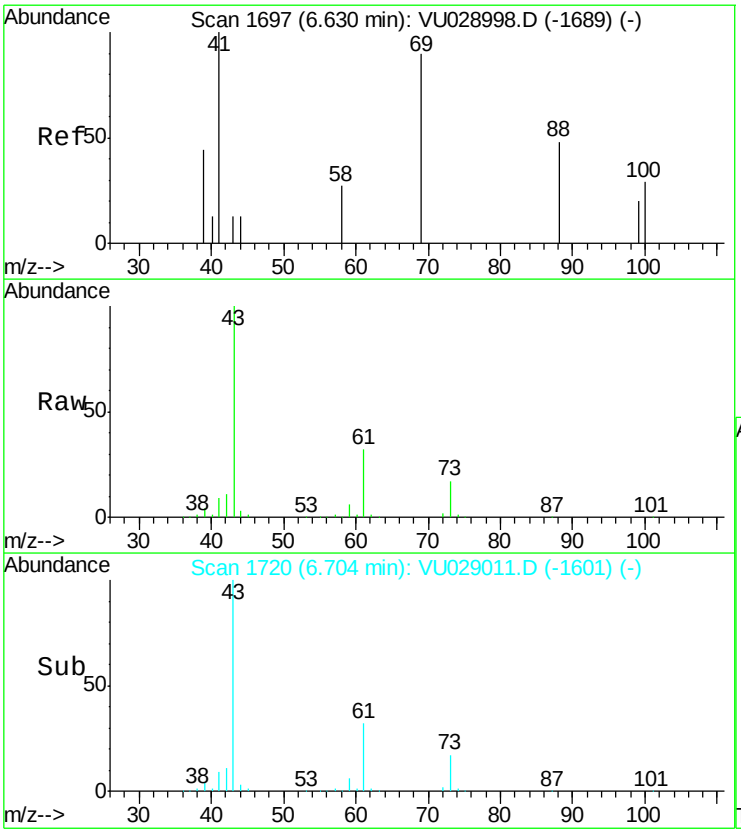
#45
1,2-Dichloropropane
Concen: 0.410 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.27 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 743

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#

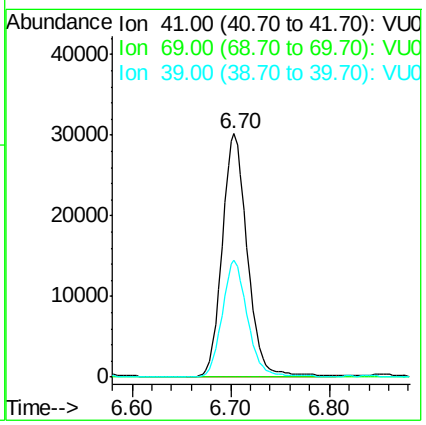


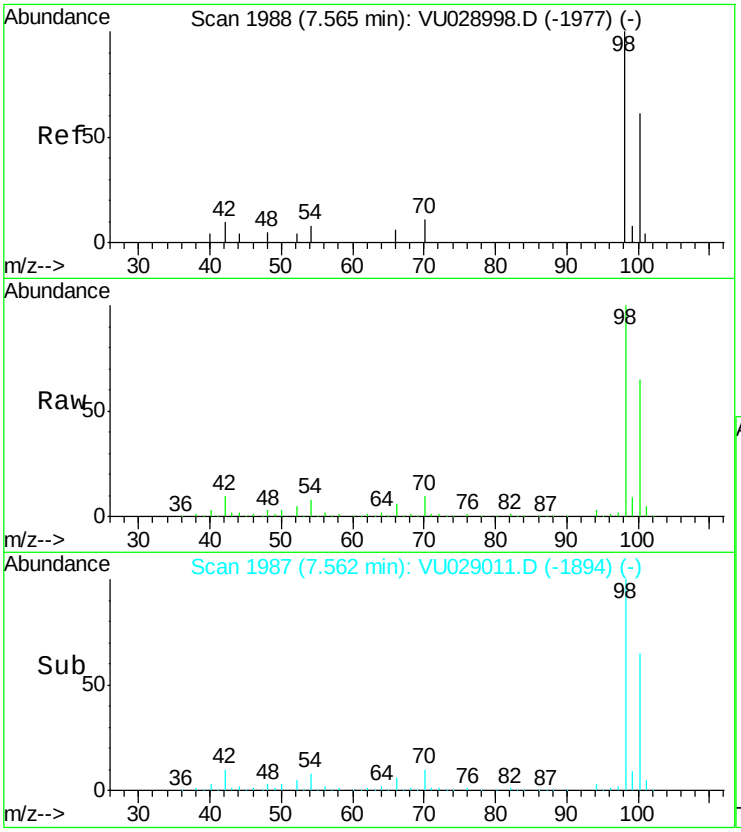


#48
Methyl methacrylate
Concen: 30.153 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.08 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 41 Resp: 54359

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.6	110.4#
39	47.7	39.6	59.4



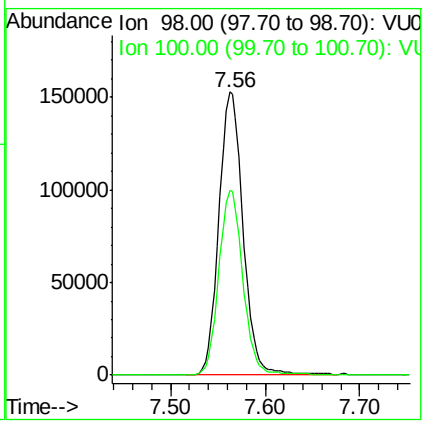


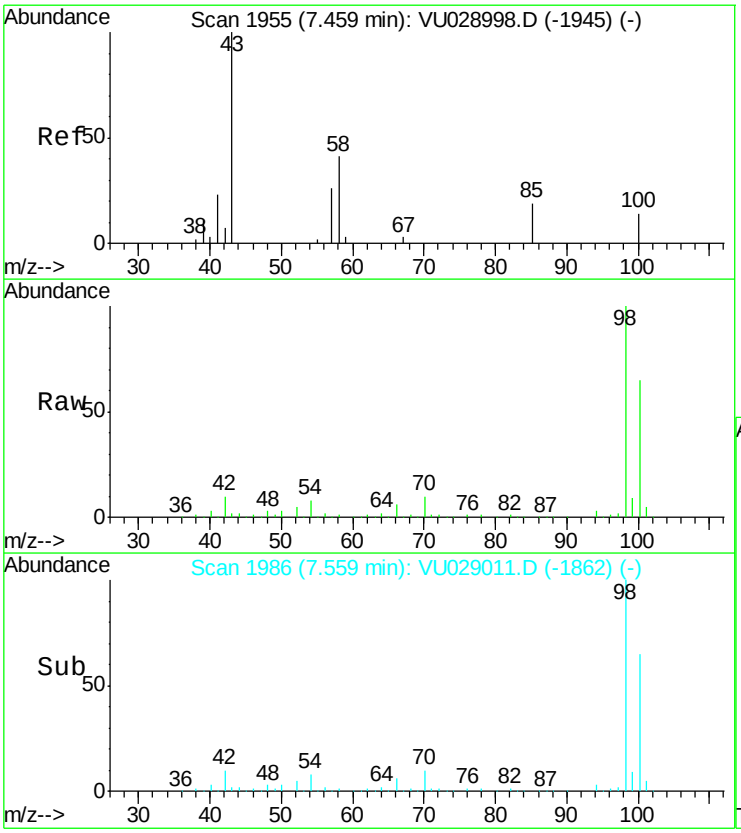
#50
Toluene-d8
Concen: 48.384 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 98 Resp: 272384

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4

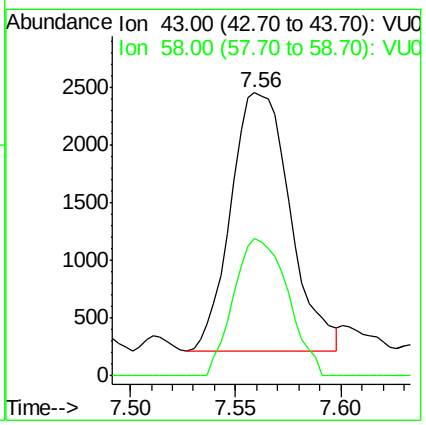


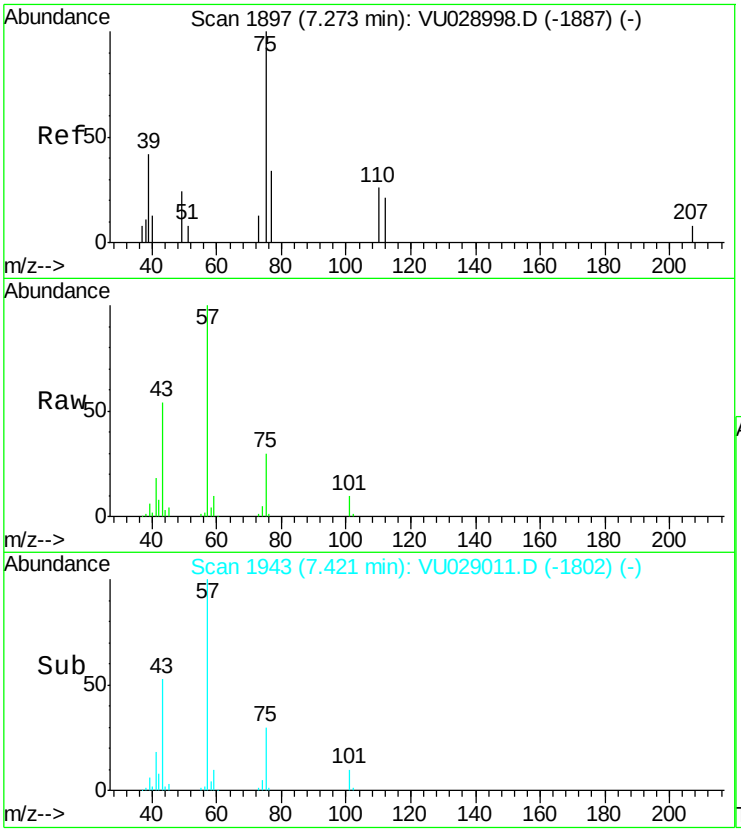


#51
4-Methyl-2-Pentanone
Concen: 1.737 ug/l
RT: 7.56 min Scan# 1986
Delta R.T. 0.10 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 43 Resp: 4377

Ion	Ratio	Lower	Upper
43	100		
58	48.5	33.9	50.9



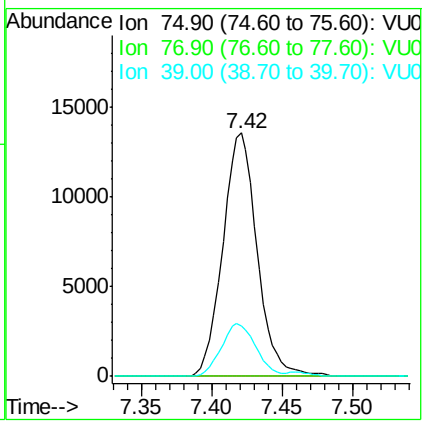


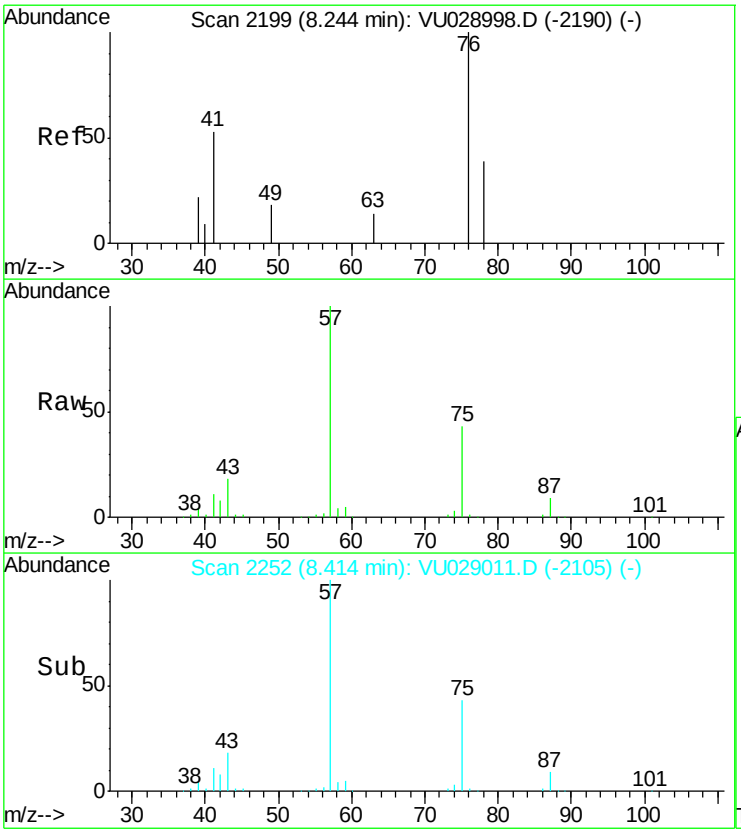
#54
cis-1,3-Dichloropropene
Concen: 8.314 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. 0.15 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 23007

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	20.8	32.2	48.4#

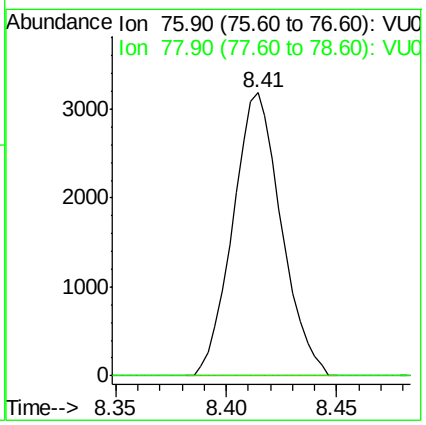


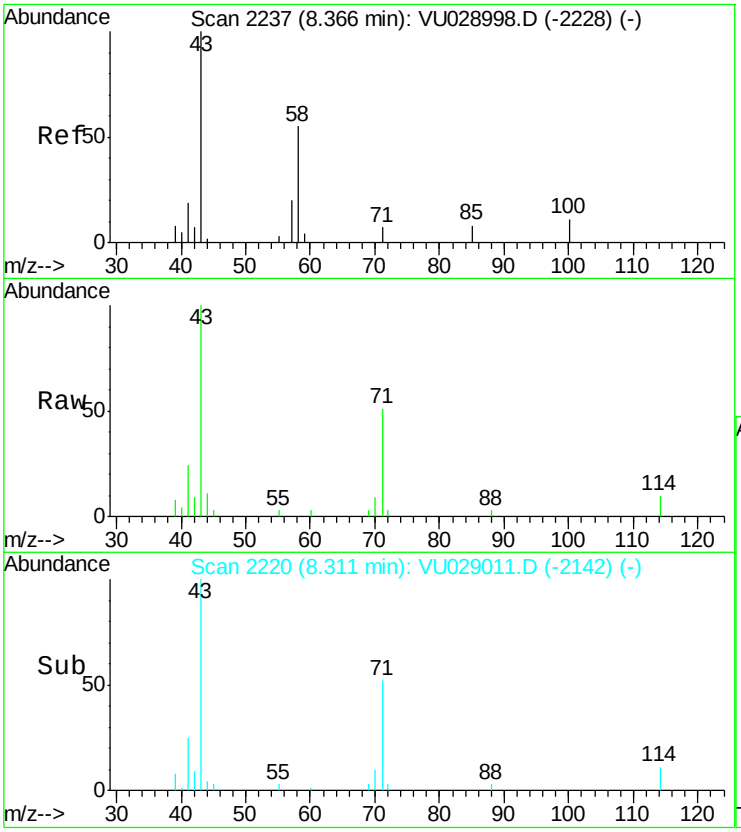


#57
1,3-Dichloropropane
Concen: 1.698 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.17 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 76 Resp: 4861

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



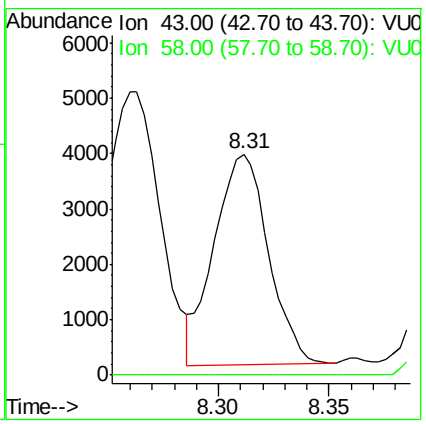


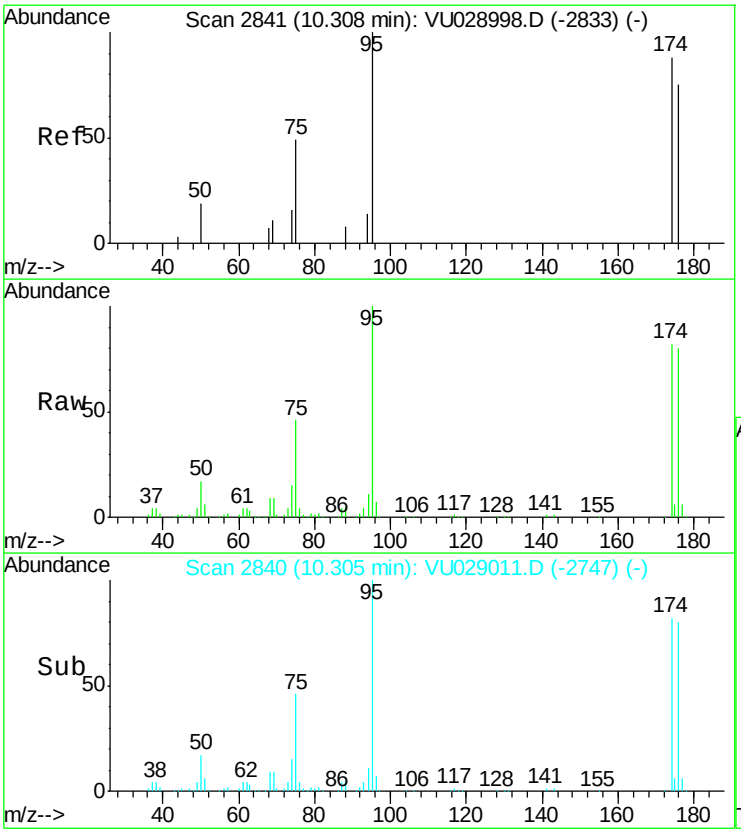
#59
2-Hexanone
Concen: 3.280 ug/l
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 6488

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	89.4#

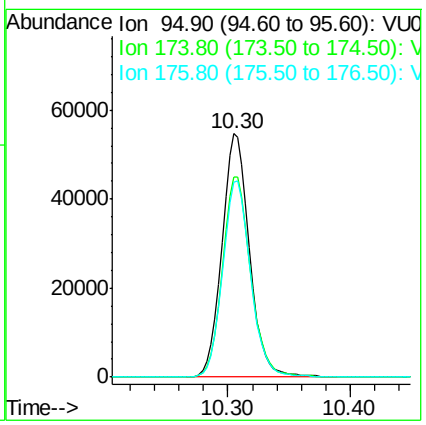


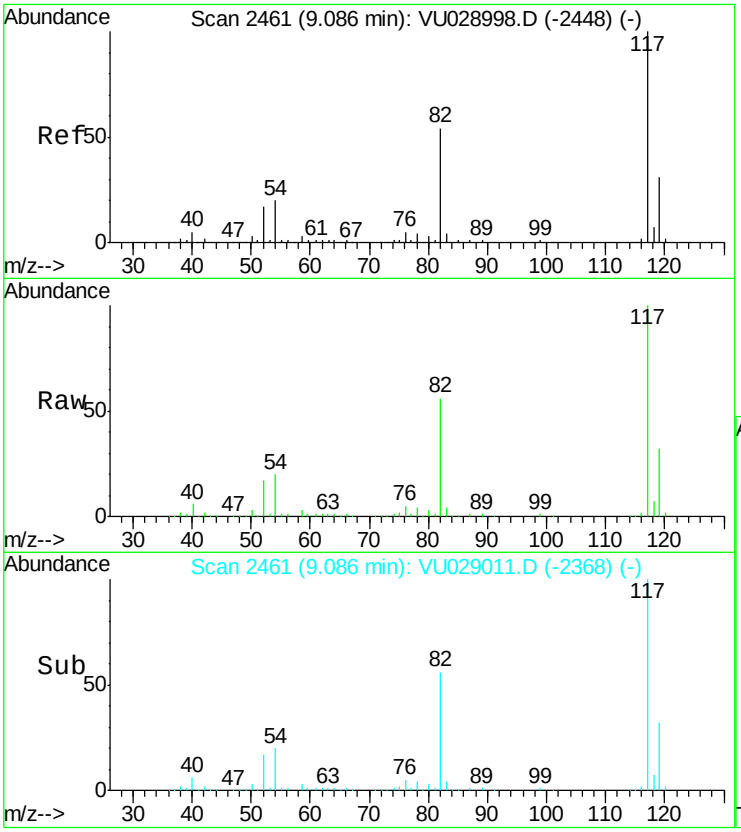


#62
4-Bromofluorobenzene
Concen: 42.879 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 95 Resp: 86752

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	170.6
176	81.9	0.0	165.0



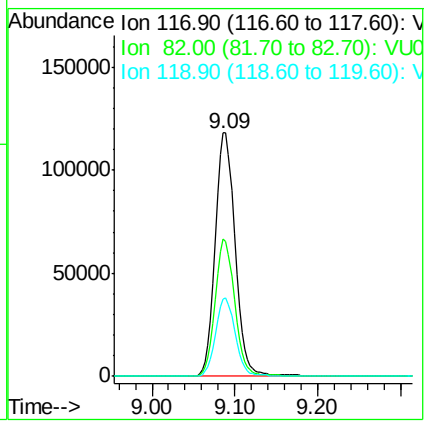


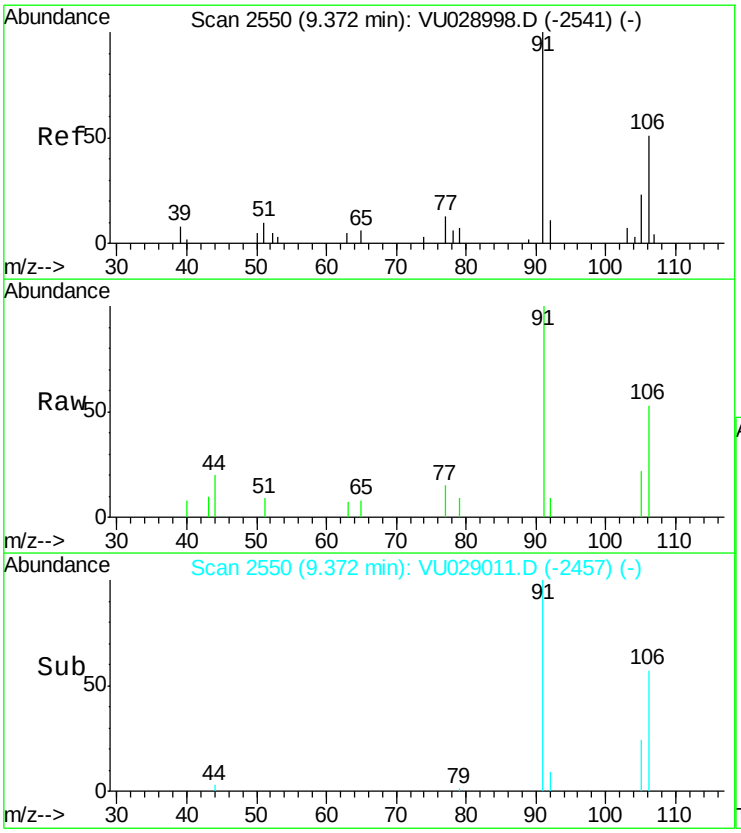
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 197275

Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.9	65.9
119	32.0	26.0	39.0

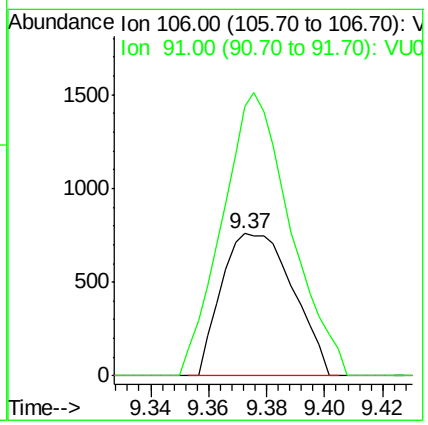


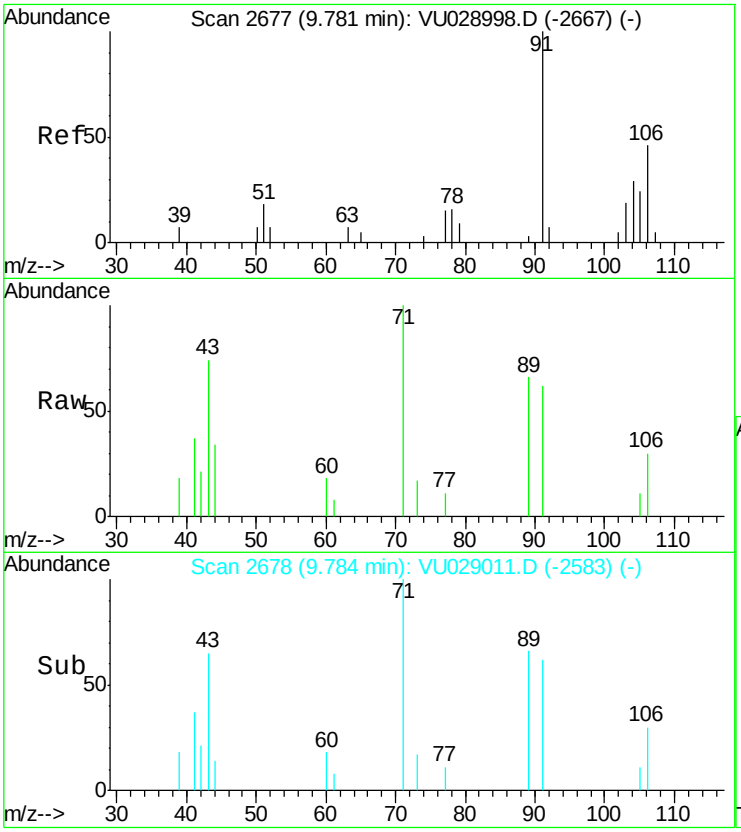


#68
m/p-Xylenes
Concen: 0.452 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion:106 Resp: 1298

Ion	Ratio	Lower	Upper
106	100		
91	190.3	161.7	242.5



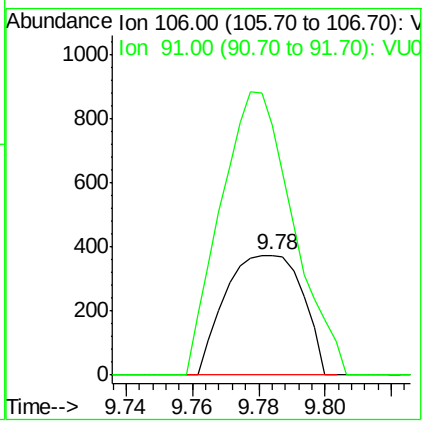


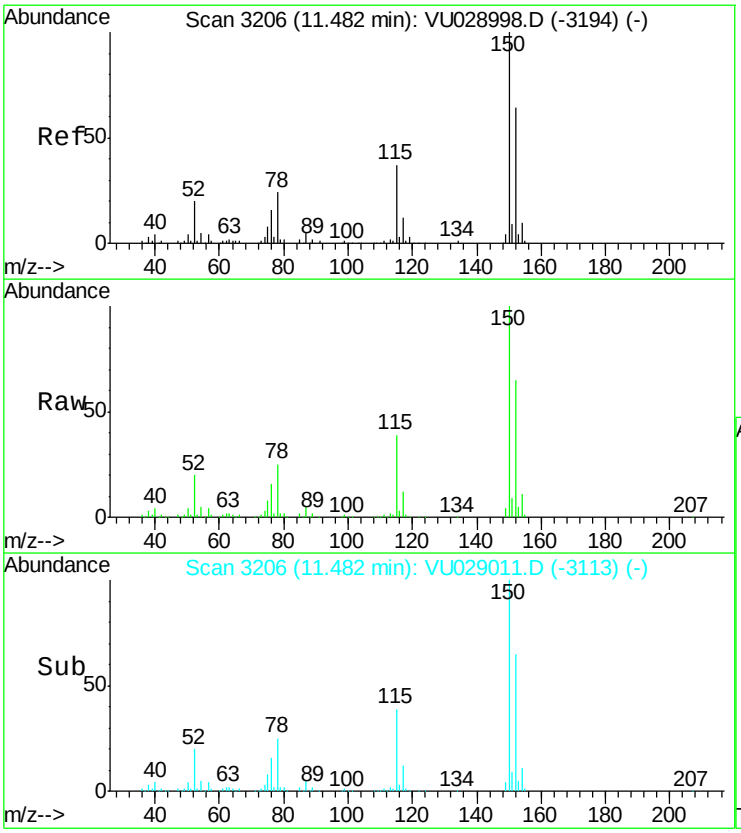
#69
o-Xylene
Concen: 0.220 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 607

Ion	Ratio	Lower	Upper
106	100		
91	221.4	106.1	318.3

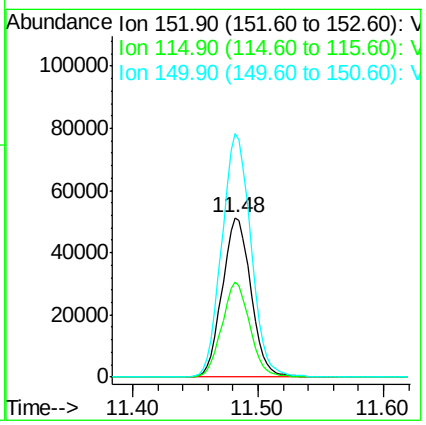


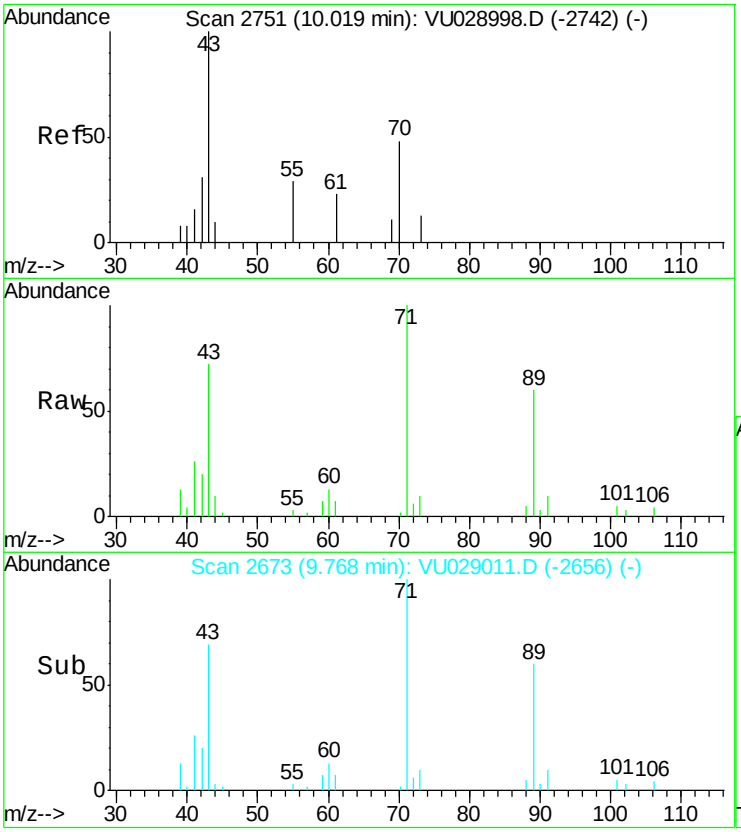


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion:152 Resp: 81457

Ion	Ratio	Lower	Upper
152	100		
115	57.8	40.1	120.3
150	155.1	0.0	345.2



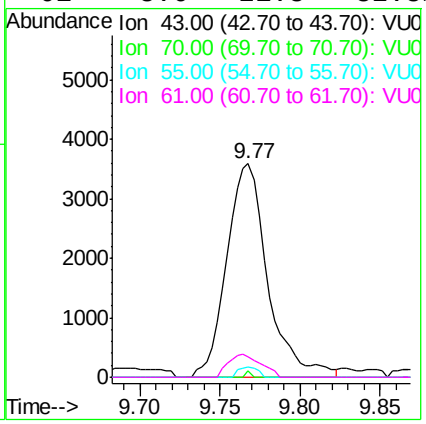


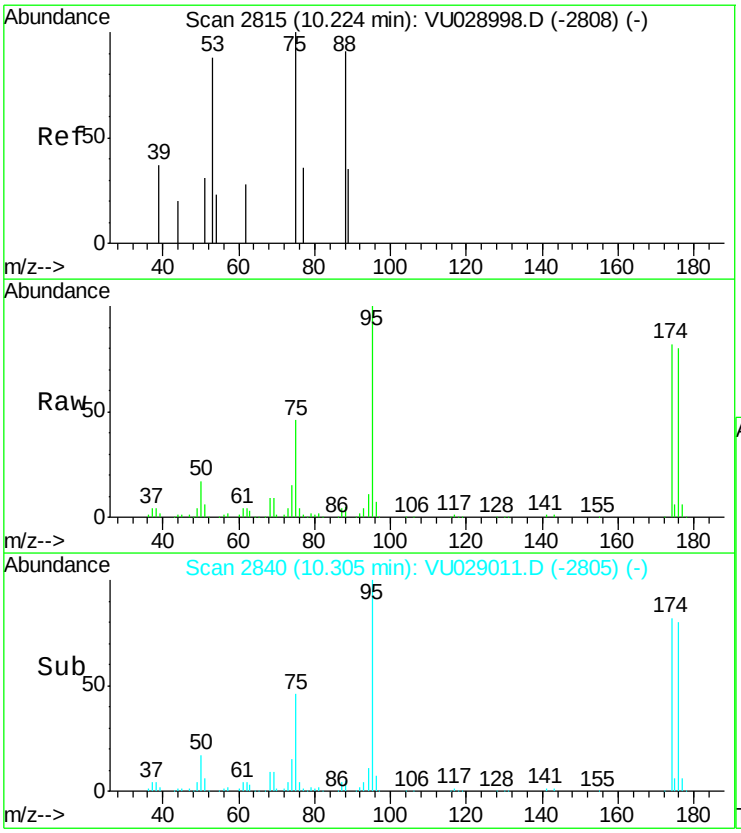
#74
N-amyl acetate
Concen: 2.413 ug/l
RT: 9.77 min Scan# 2673
Delta R.T. -0.24 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 6269

Ion	Ratio	Lower	Upper
43	100		
70	0.3	36.3	54.5#
55	2.2	20.5	30.7#
61	8.6	21.8	32.8#

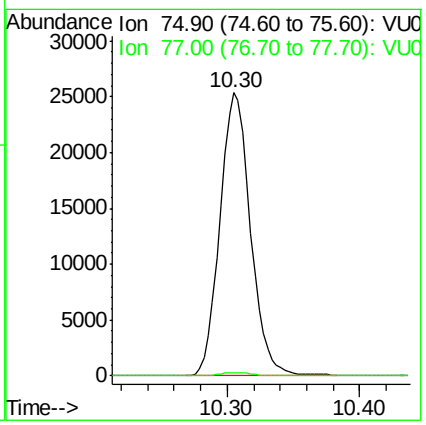


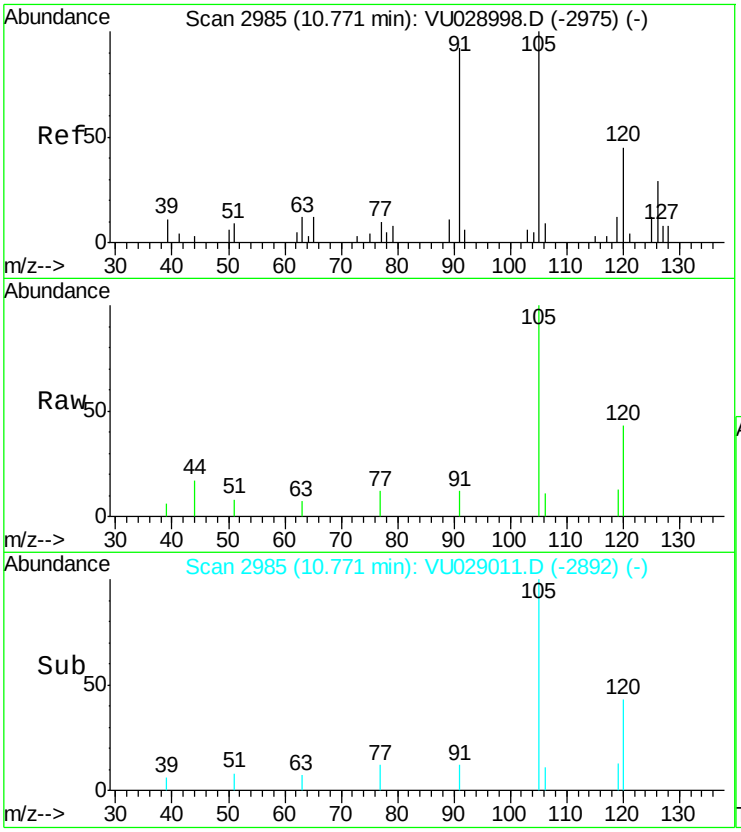


#76
1,2,3-Trichloropropane
Concen: 20.337 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 75 Resp: 40590

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.9	62.8#



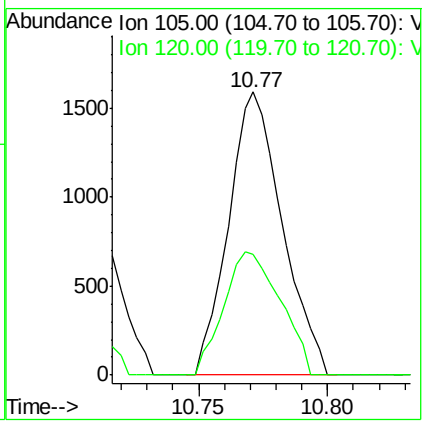


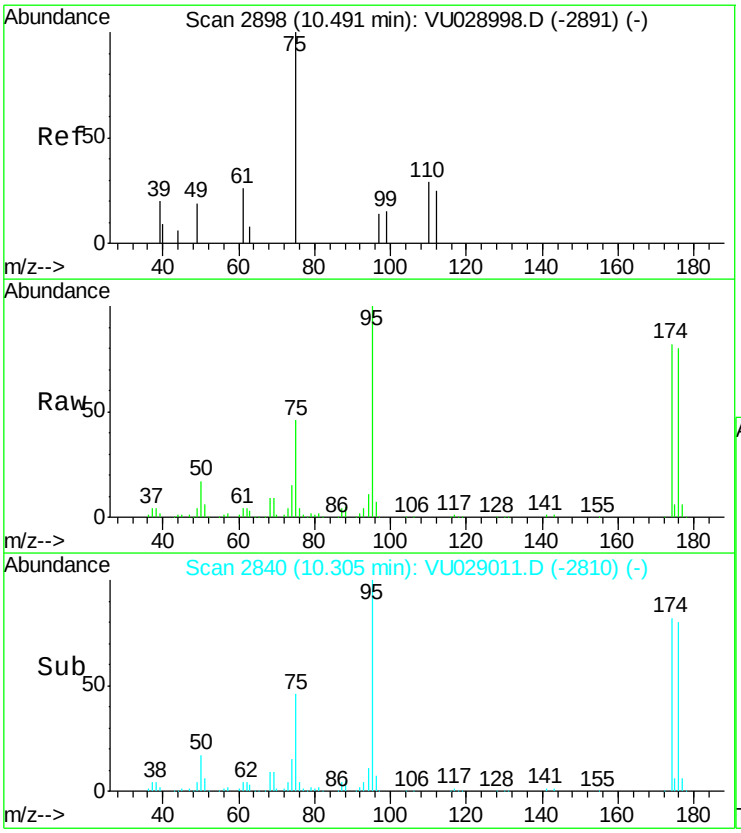
#80
1,3,5-Trimethylbenzene
Concen: 0.459 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 2311

Ion	Ratio	Lower	Upper
105	100		
120	45.9	24.8	74.4

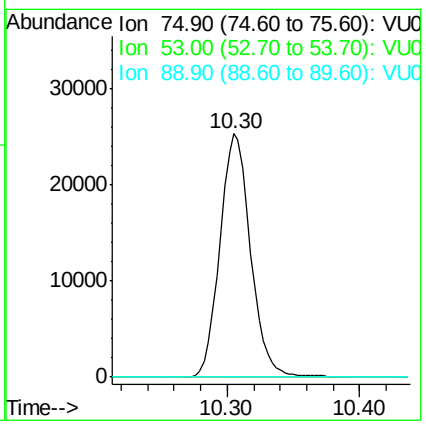


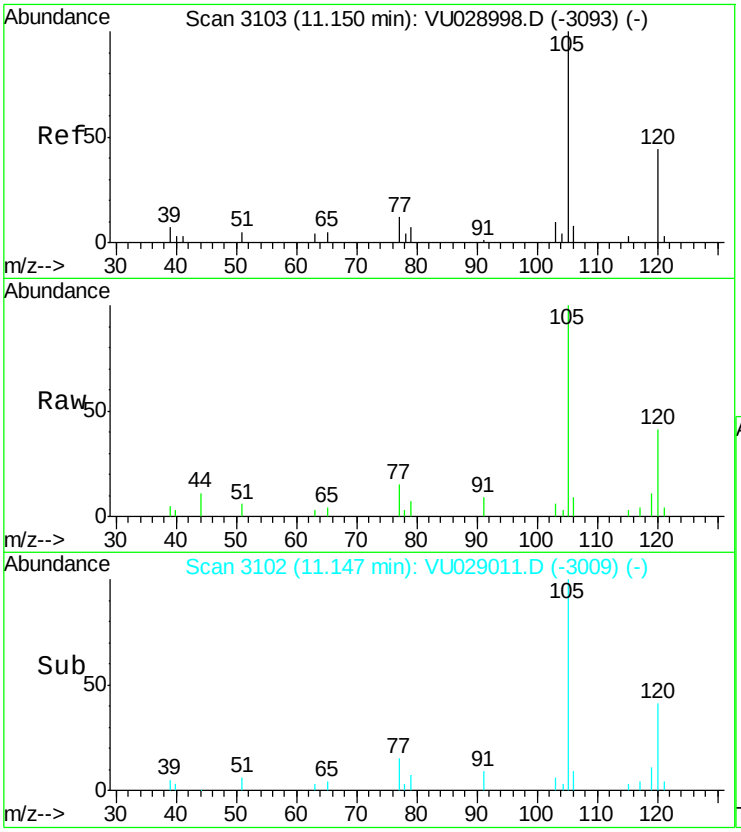


#81
trans-1,4-Dichloro-2-butene
Concen: 52.451 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion: 75 Resp: 40590

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



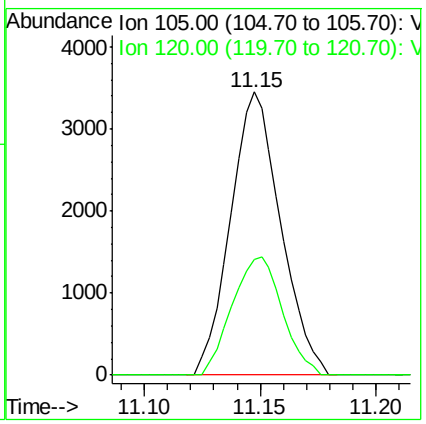


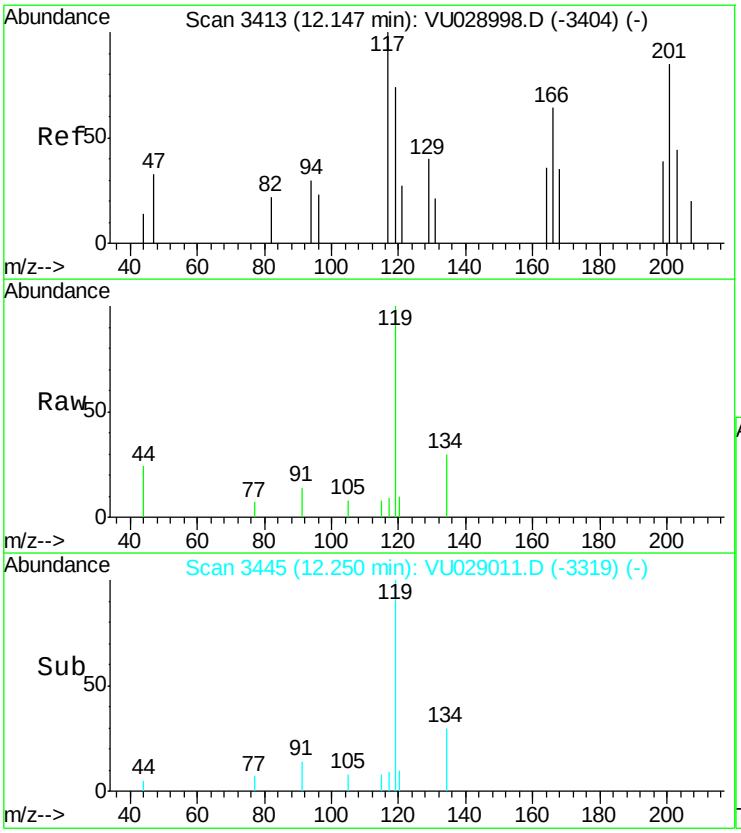
#84
1,2,4-Trimethylbenzene
Concen: 1.029 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 5175

Ion	Ratio	Lower	Upper
105	100		
120	41.8	23.1	69.3

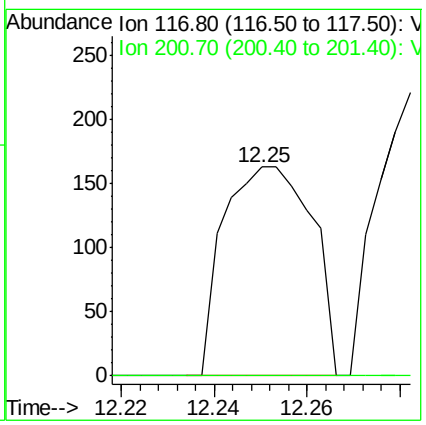


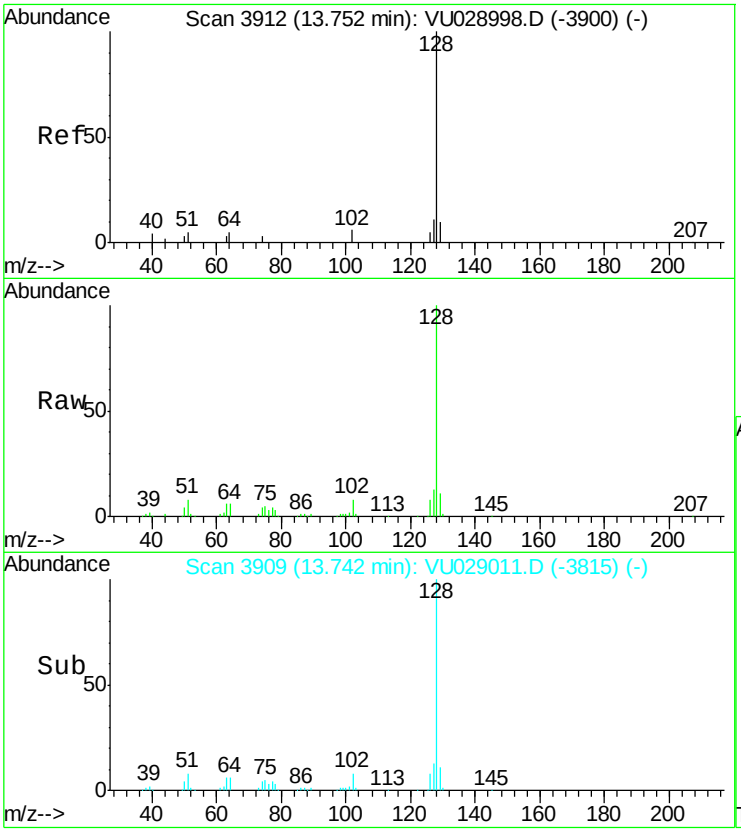


#90
Hexachloroethane
Concen: 0.251 ug/l
RT: 12.25 min Scan# 3445
Delta R.T. 0.11 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Tgt Ion:117 Resp: 216

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.4	127.3#





#95
Naphthalene
Concen: 19.862 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029011.D
Acq: 03 Jan 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 125198

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.5	12.7