Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028396.D
Acq On : 29 Nov 2018 16:10
Operator : MD/SY
Sample : J6117-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 30 07:04:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.98	168	248853	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.89	114	467880	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	437333	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	206939	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	218211	52.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.94%				
35) Dibromofluoromethane	4.88	113	158404	50.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.82%				
50) Toluene-d8	7.57	98	617931	49.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.32%				
62) 4-Bromofluorobenzene	10.31	95	225758	50.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.68%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	1391	0.215	ug/l		90
4) Vinyl Chloride	1.41	62	1116	0.247	ug/l		90
11) Tert butyl alcohol	2.84	59	244	0.258	ug/l	#	72
13) Acrolein	2.20	56	353	0.420	ug/l		98
16) Acetone	2.32	43	1675	0.658	ug/l	#	87
17) Carbon Disulfide	2.48	76	2988	0.293	ug/l		97
31) Cyclohexane	4.98	56	6959	0.624	ug/l	#	1
36) 1,1-Dichloropropene	4.98	75	22721	4.438	ug/l	#	50
38) Carbon Tetrachloride	4.99	117	25665	6.104	ug/l	#	16
49) 1,4-Dioxane	6.63	88	44	0.478	ug/l	#	1
51) 4-Methyl-2-Pentanone	7.47	43	2066	0.293	ug/l		90
59) 2-Hexanone	8.38	43	2352	0.430	ug/l		88
74) N-amyl acetate	10.02	43	2029	0.201	ug/l	#	75
76) 1,2,3-Trichloropropane	10.31	75	118276	20.611	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	10.31	75	118276	54.711	ug/l	#	100
87) 1,3-Dichlorobenzene	11.41	146	1399	0.202	ug/l		96
88) 1,4-Dichlorobenzene	11.41	146	1399	0.201	ug/l		97
89) n-Butylbenzene	11.89	91	2725	0.204	ug/l		99
93) 1,2,4-Trichlorobenzene	13.50	180	1886	0.418	ug/l		89
94) Hexachlorobutadiene	13.69	225	644	0.302	ug/l		88
95) Naphthalene	13.75	128	7210	3.226	ug/l	#	93
96) 1,2,3-Trichlorobenzene	13.99	180	1660	0.363	ug/l		76

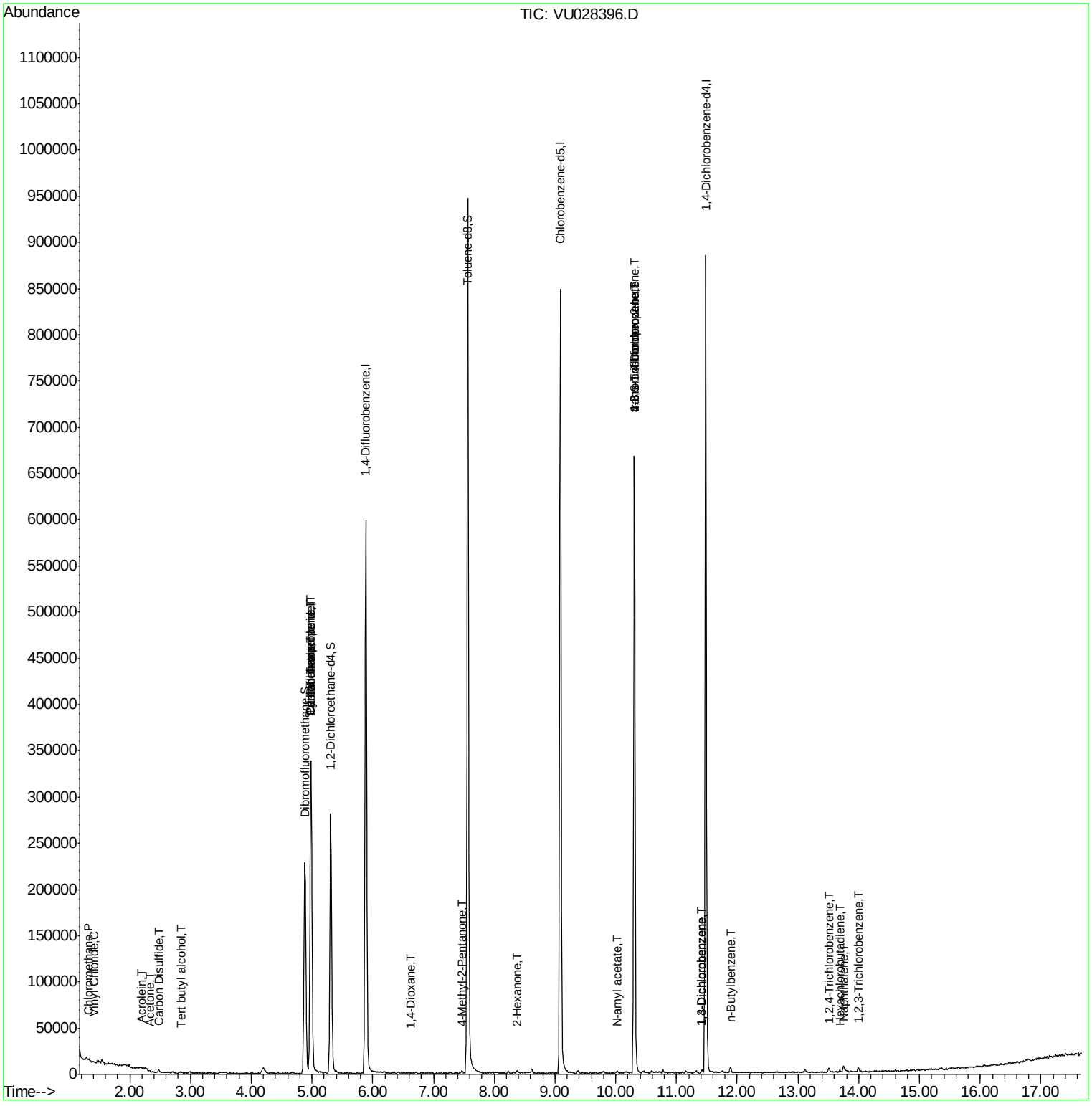
(#) = qualifier out of range (m) = manual integration (+) = signals summed

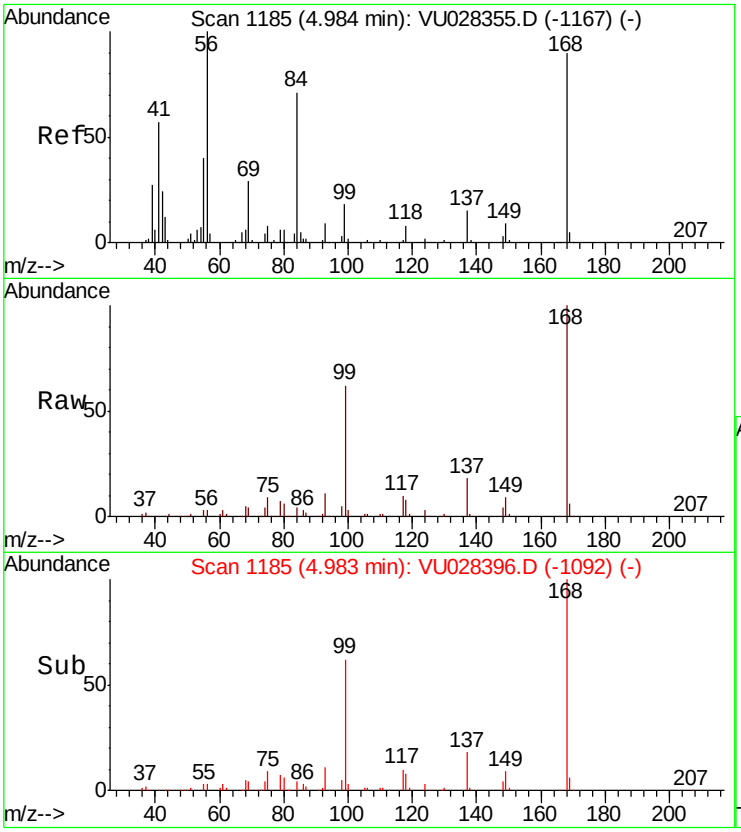
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112918\
Data File : VU028396.D
Acq On : 29 Nov 2018 16:10
Operator : MD/SY
Sample : J6117-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 30 07:04:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration



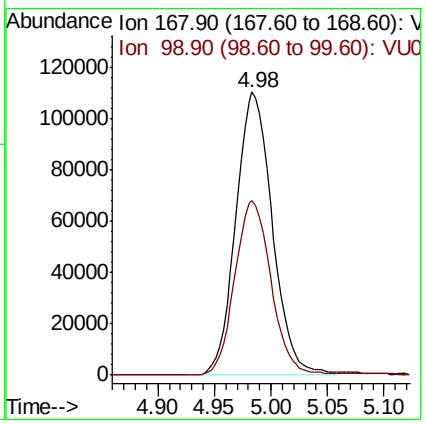


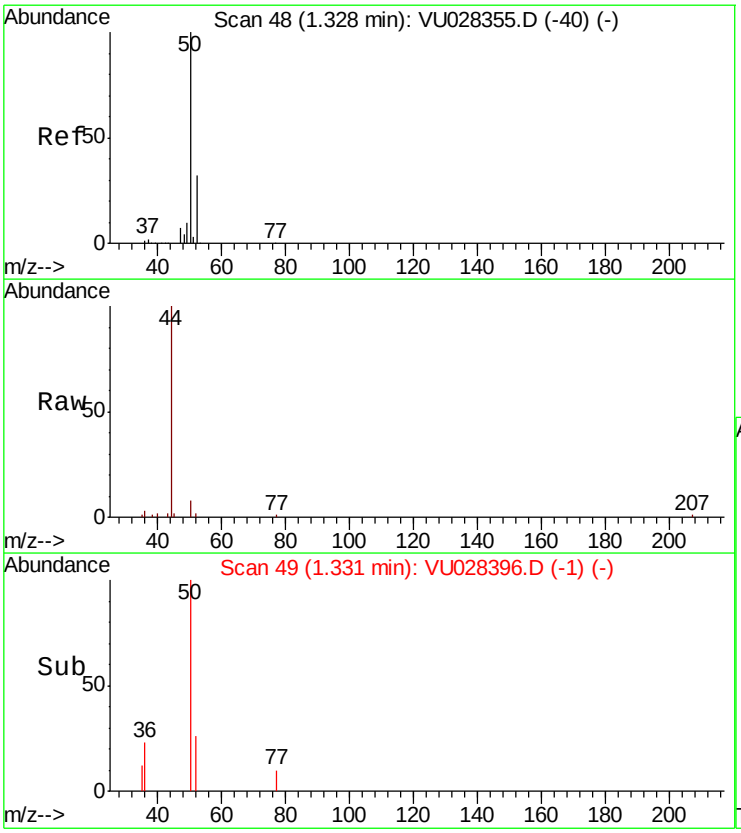
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 248853

Ion	Ratio	Lower	Upper
168	100		
99	61.6	49.6	74.4

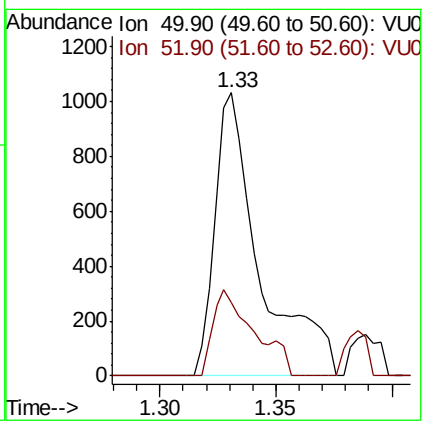


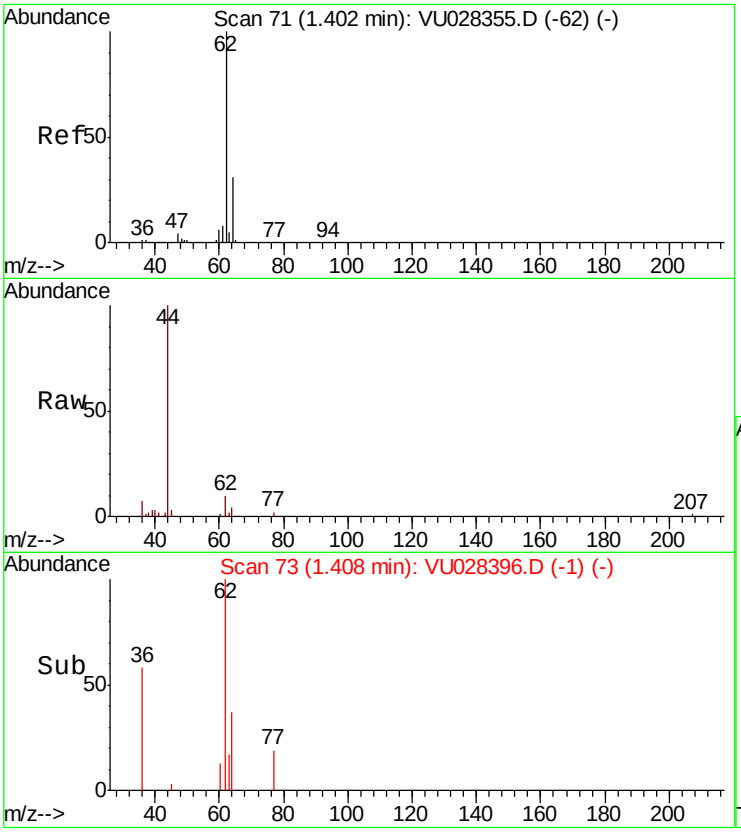


#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 50 Resp: 1391

Ion	Ratio	Lower	Upper
50	100		
52	26.1	25.4	38.2



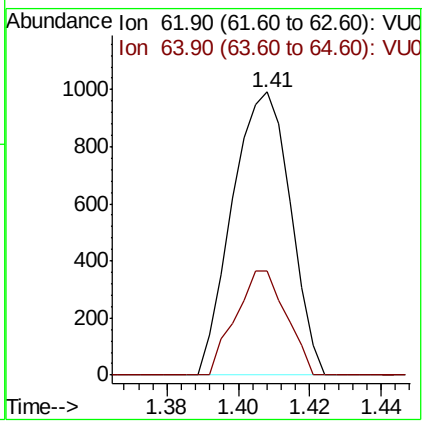


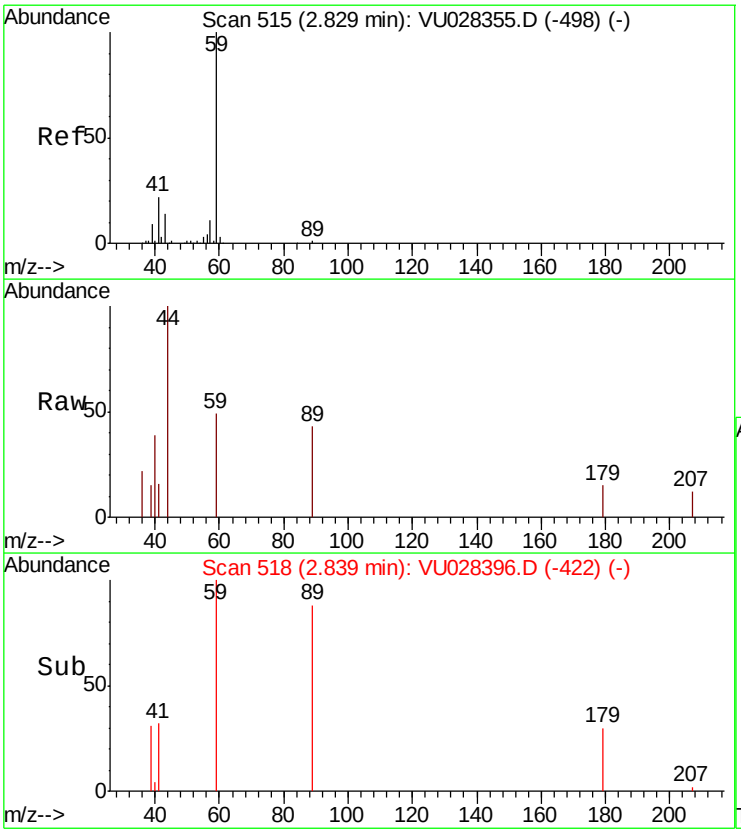
#4
Vinyl Chloride
Concen: 0.247 ug/l
RT: 1.41 min Scan# 73
Delta R.T. 0.01 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1116

Ion	Ratio	Lower	Upper
62	100		
64	36.9	25.0	37.4

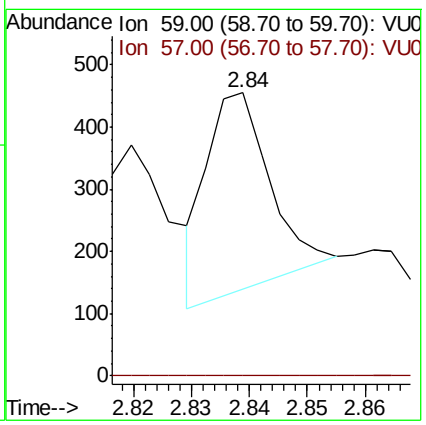


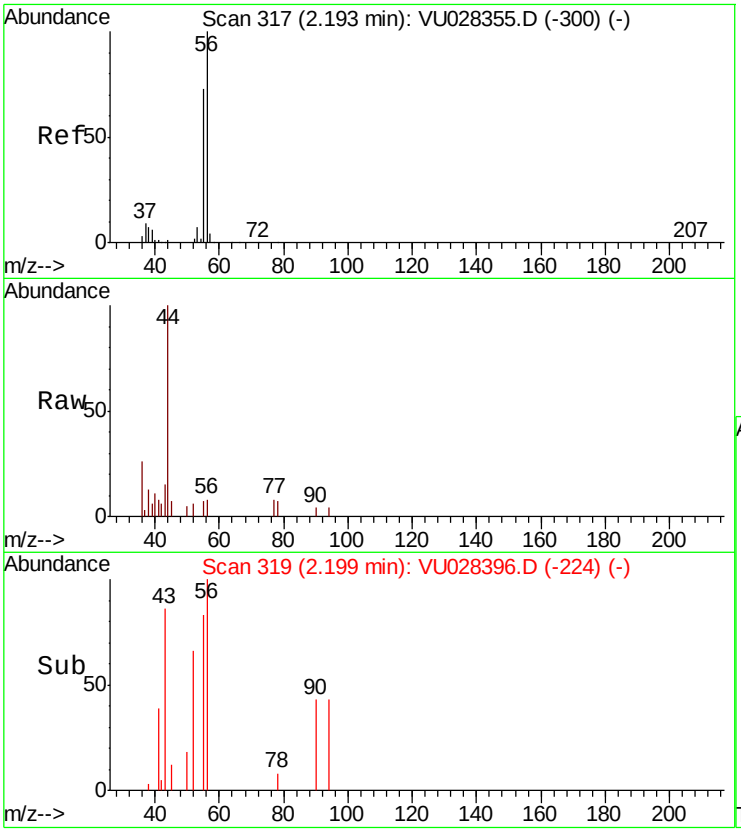


#11
Tert butyl alcohol
Concen: 0.258 ug/l
RT: 2.84 min Scan# 518
Delta R.T. 0.01 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 59 Resp: 244

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



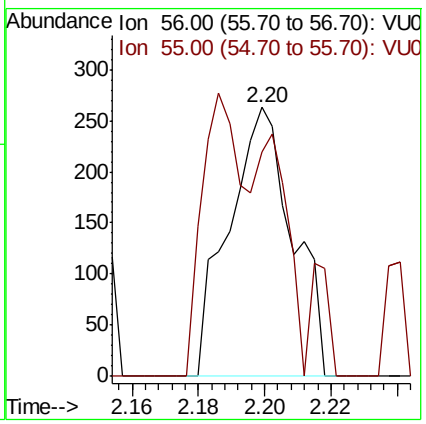


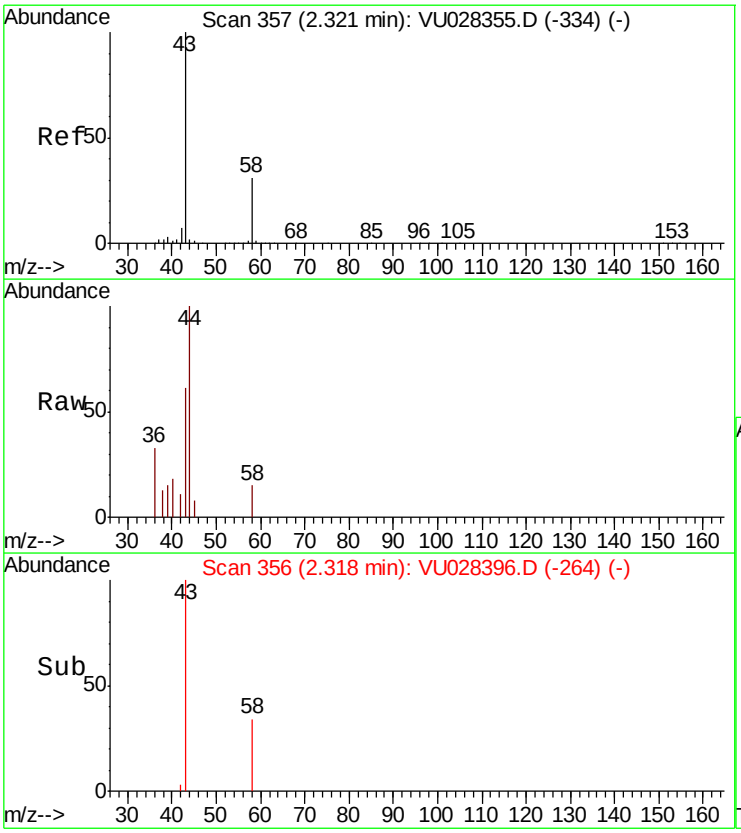
#13
Acrolein
Concen: 0.420 ug/l
RT: 2.20 min Scan# 319
Delta R.T. 0.01 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 353

Ion	Ratio	Lower	Upper
56	100		
55	69.4	56.6	85.0

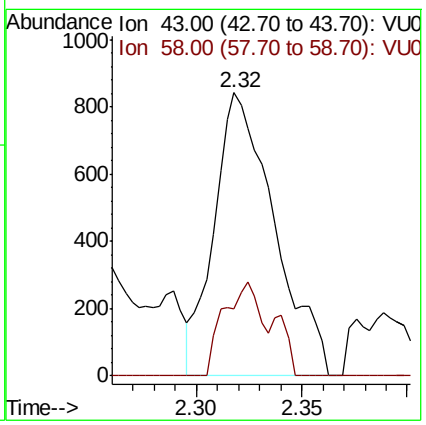


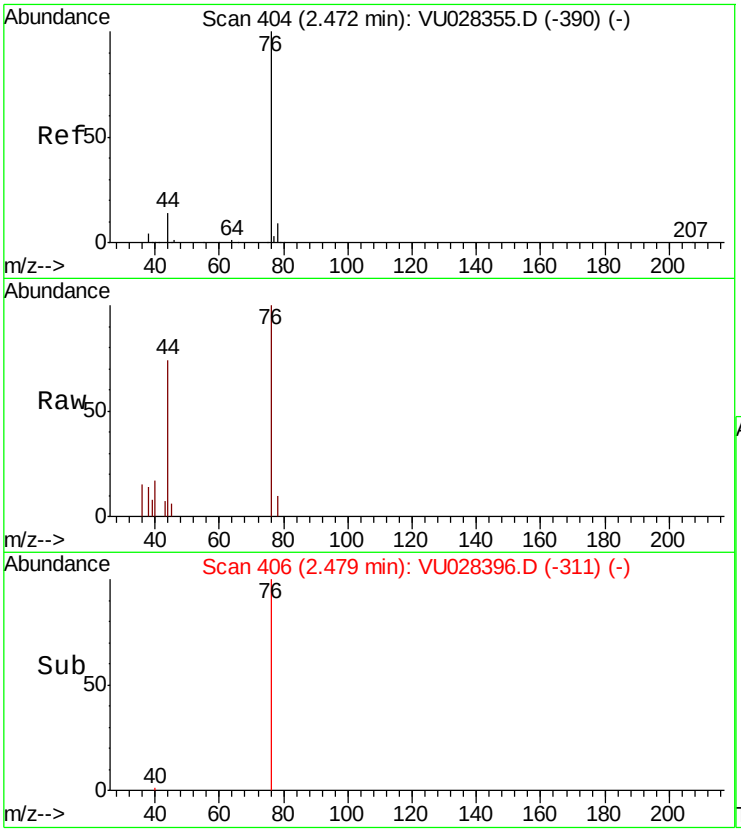


#16
Acetone
Concen: 0.658 ug/l
RT: 2.32 min Scan# 356
Delta R.T. -0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 43 Resp: 1675

Ion	Ratio	Lower	Upper
43	100		
58	23.6	24.4	36.6#



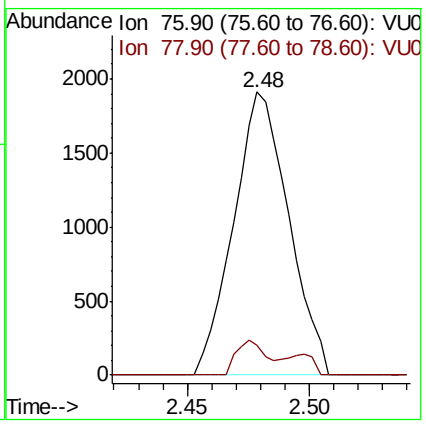


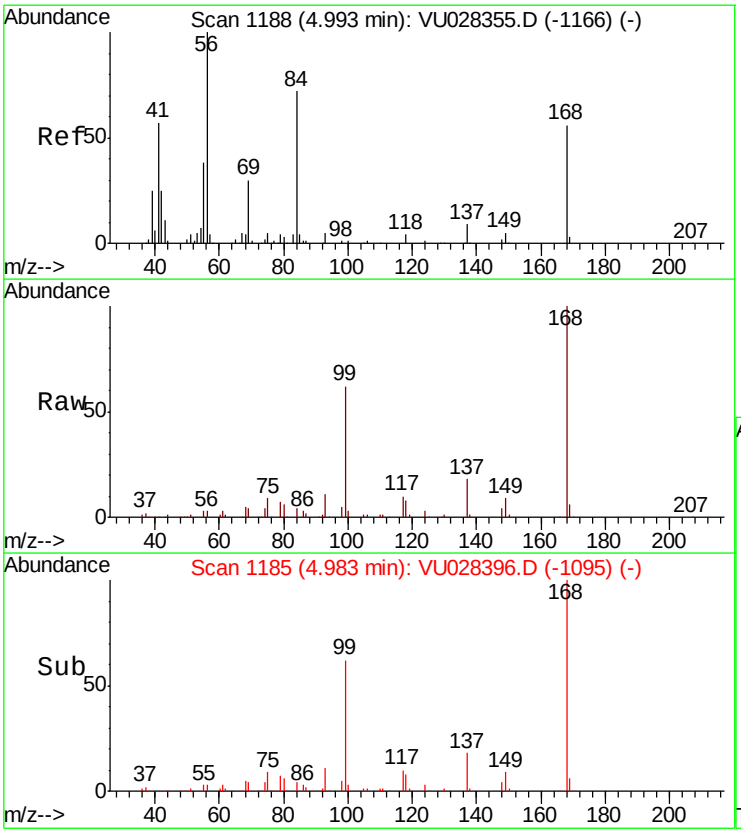
#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 2988

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.4	11.2

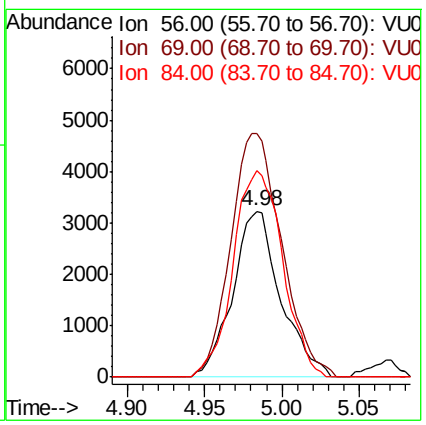


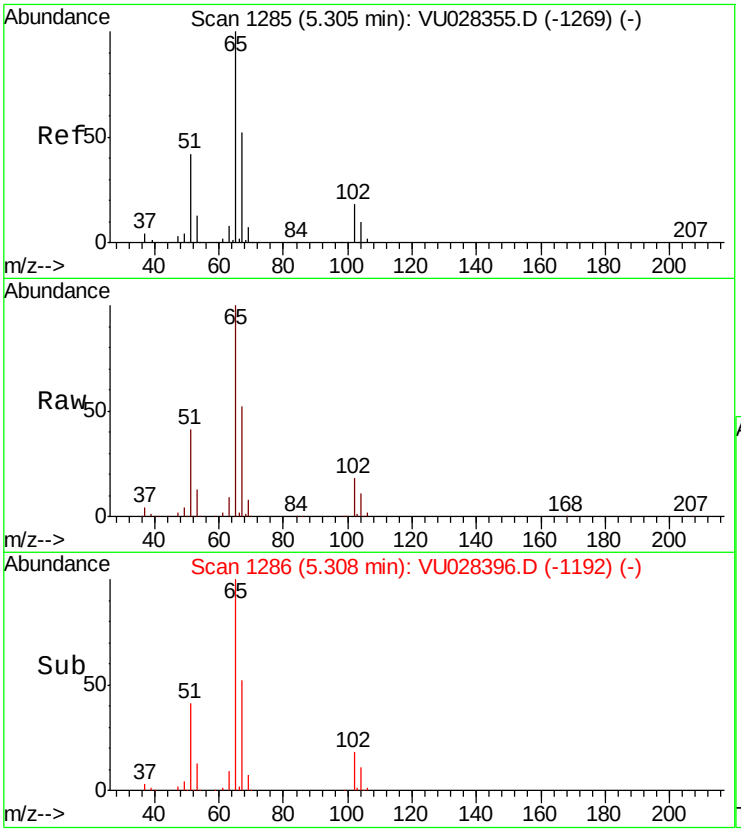


#31
Cyclohexane
Concen: 0.624 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 56 Resp: 6959

Ion	Ratio	Lower	Upper
56	100		
69	146.5	23.7	35.5#
84	123.9	57.3	85.9#



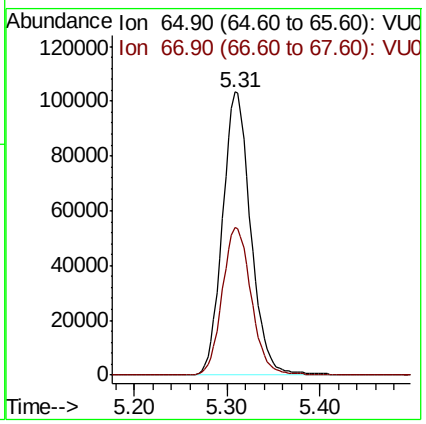


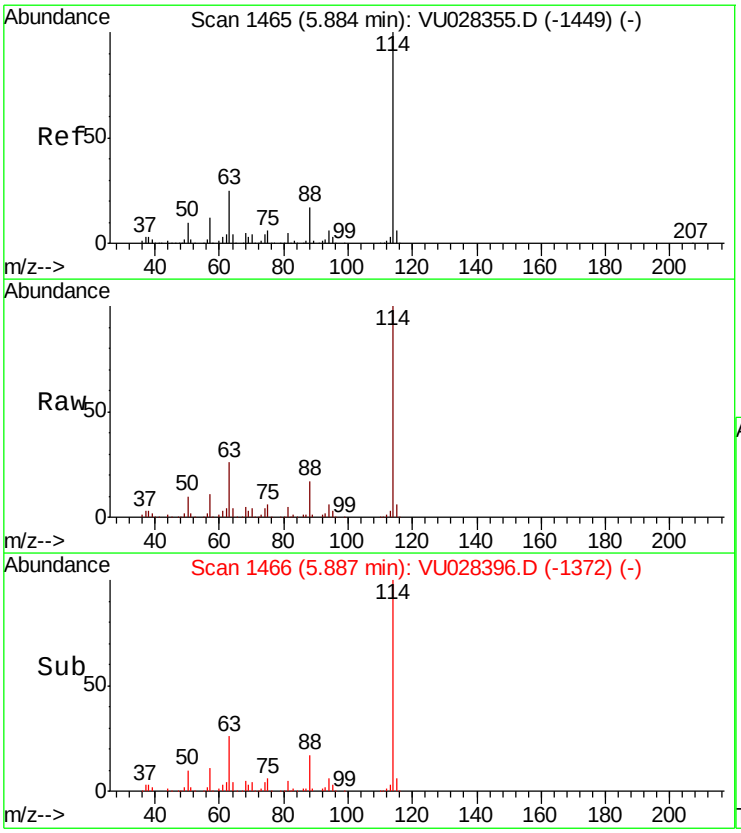
#33
1,2-Dichloroethane-d4
Concen: 52.468 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 65 Resp: 218211

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8

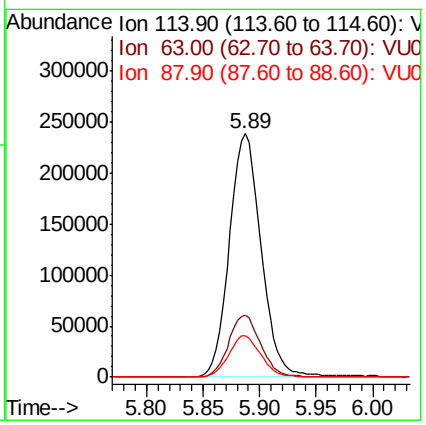


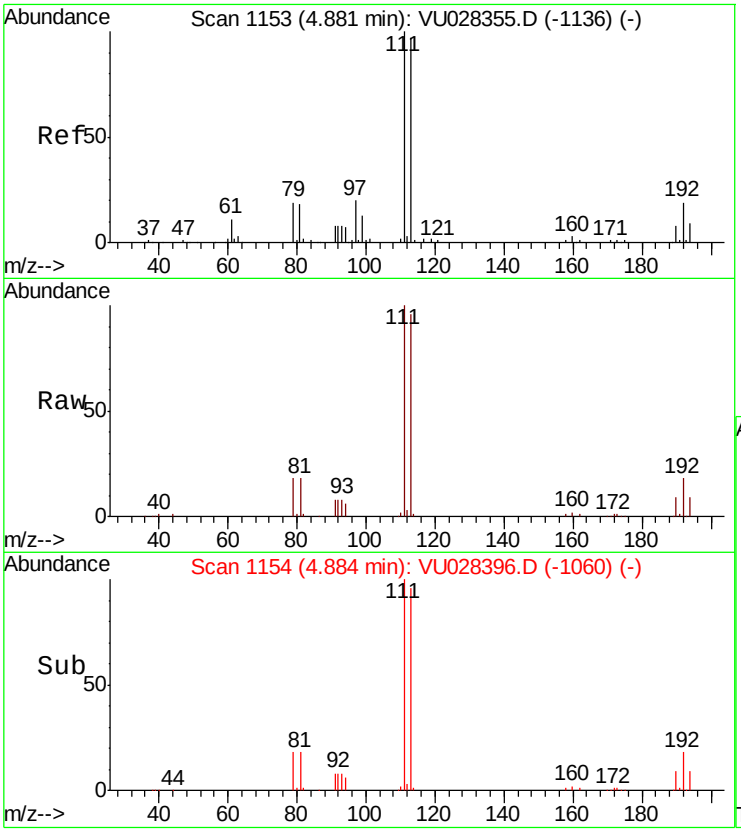


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion:114 Resp: 467880

Ion	Ratio	Lower	Upper
114	100		
63	25.5	0.0	50.0
88	17.1	0.0	34.4



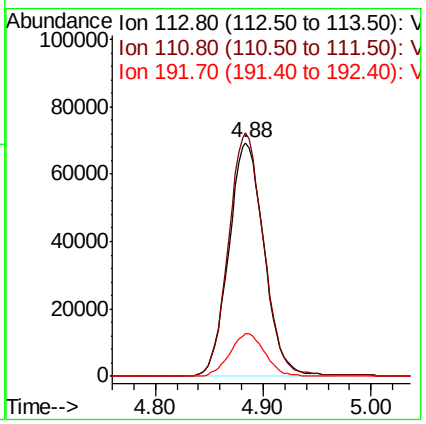


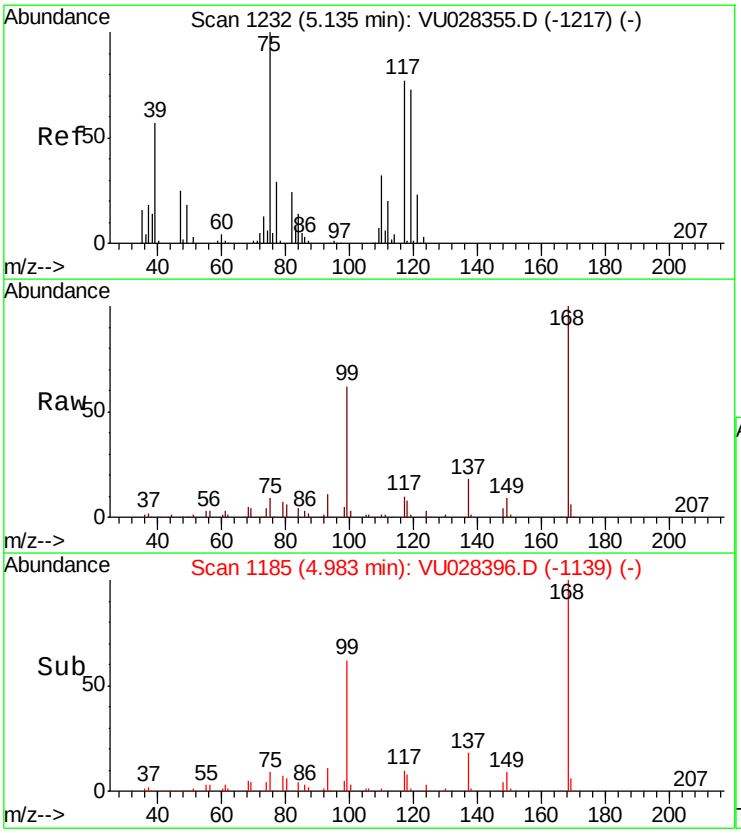
#35
Dibromofluoromethane
Concen: 50.914 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:113 Resp: 158404

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	18.3	15.4	23.0

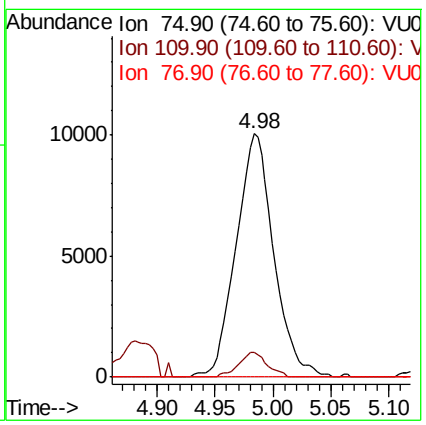


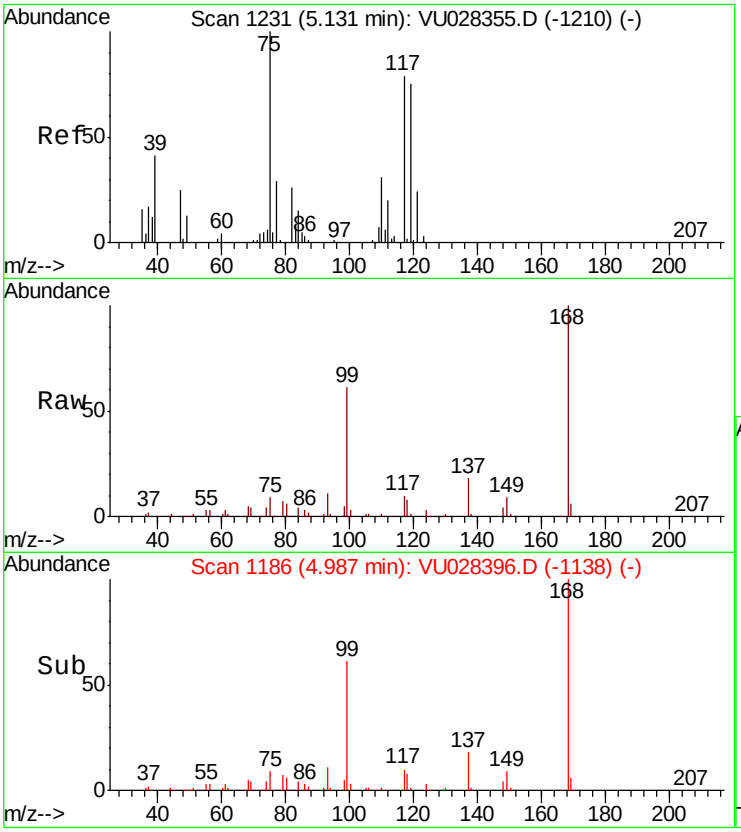


#36
1,1-Dichloropropene
Concen: 4.438 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 75 Resp: 22721

Ion	Ratio	Lower	Upper
75	100		
110	7.6	15.8	47.4#
77	0.0	24.6	36.8#



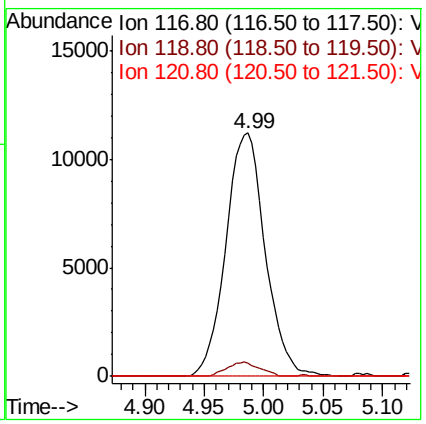


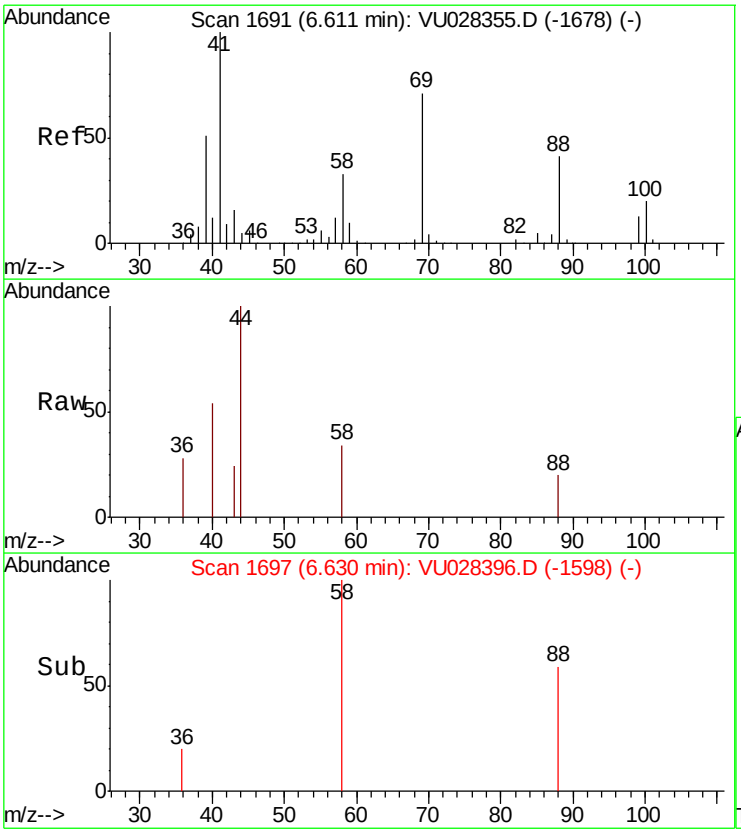
#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.14 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 25665

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.3	114.5#
121	0.0	24.7	37.1#

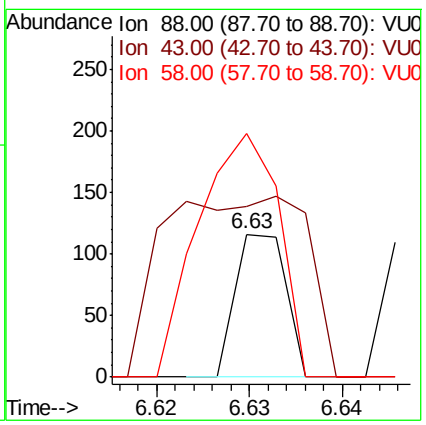


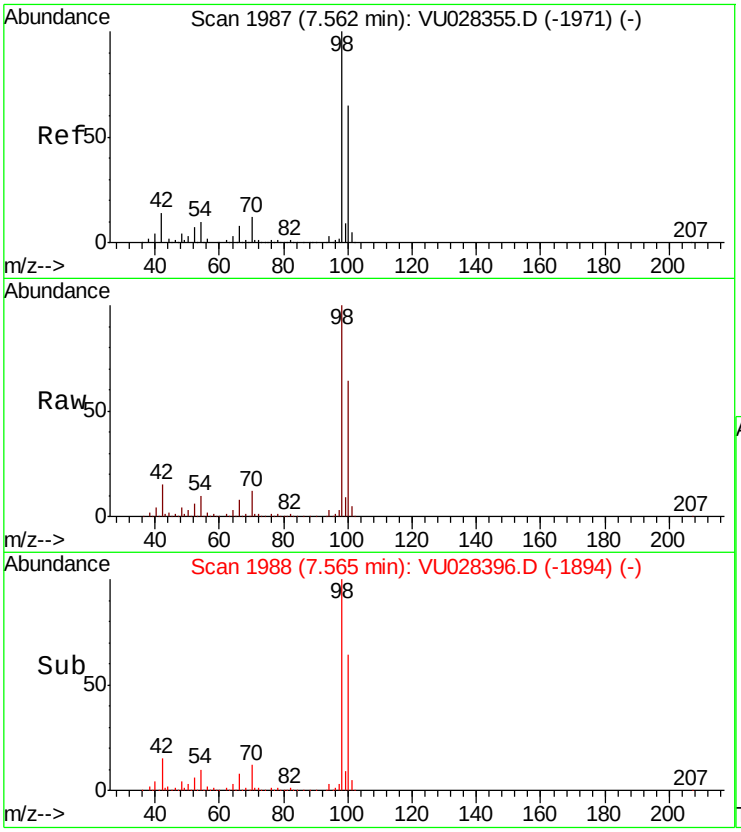


#49
1,4-Dioxane
Concen: 0.478 ug/l
RT: 6.63 min Scan# 1697
Delta R.T. 0.02 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 88 Resp: 44

Ion	Ratio	Lower	Upper
88	100		
43	359.1	32.6	48.8#
58	270.5	68.7	103.1#



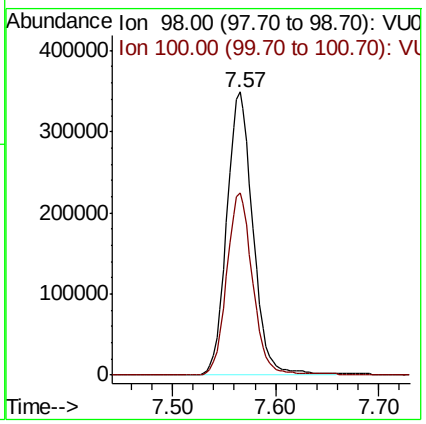


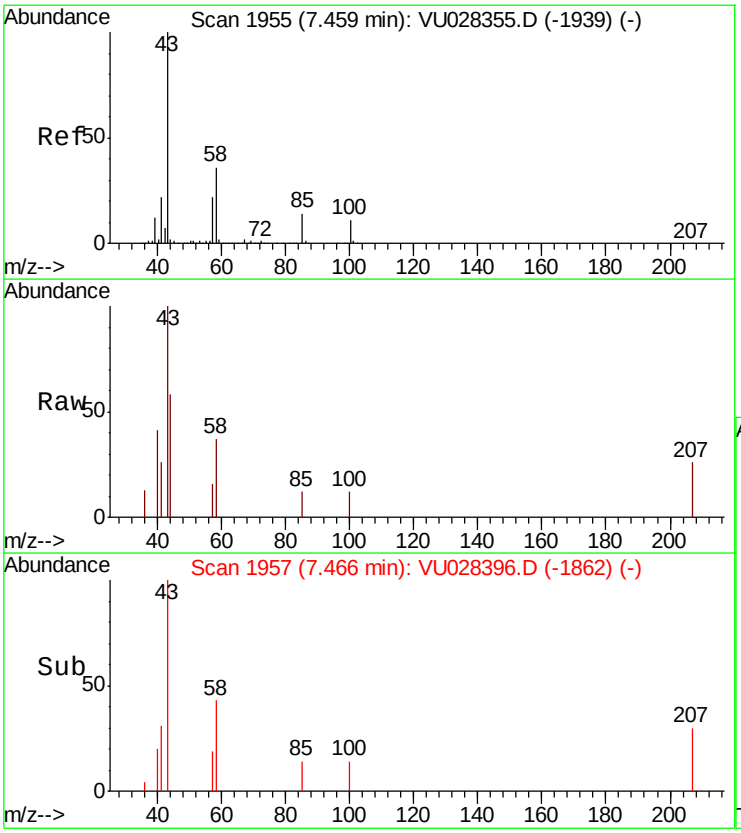
#50
Toluene-d8
Concen: 49.662 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 98 Resp: 617931

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.8	76.2

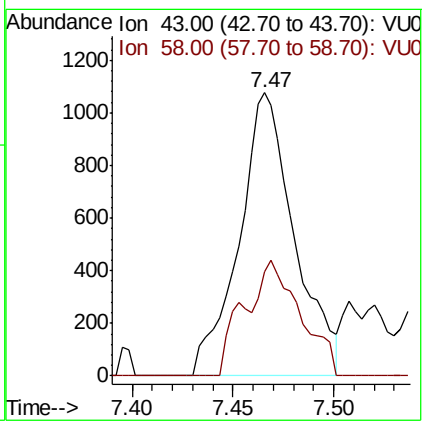


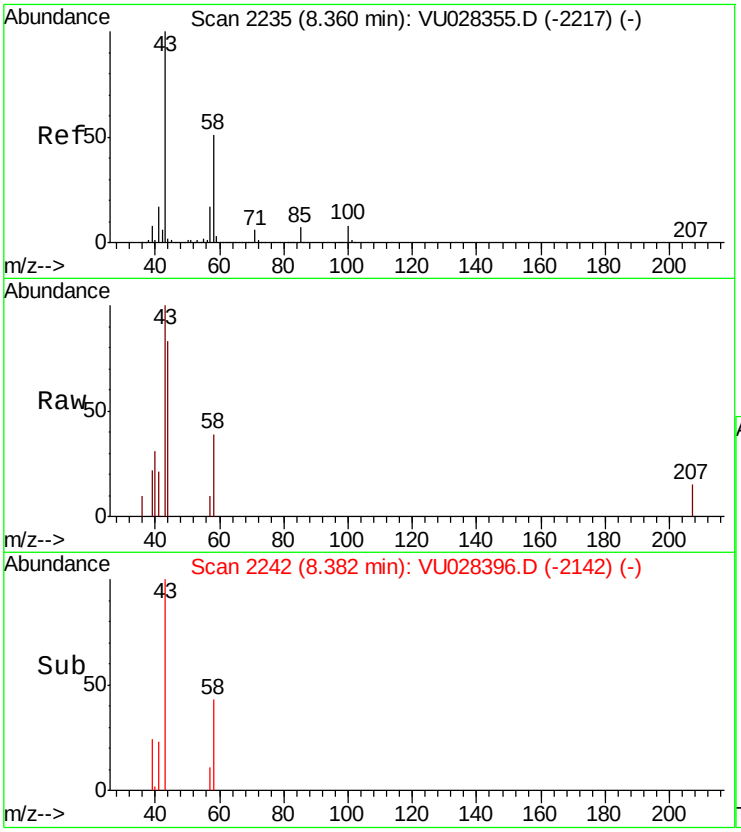


#51
4-Methyl-2-Pentanone
Concen: 0.293 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 43 Resp: 2066

Ion	Ratio	Lower	Upper
43	100		
58	30.3	28.8	43.2



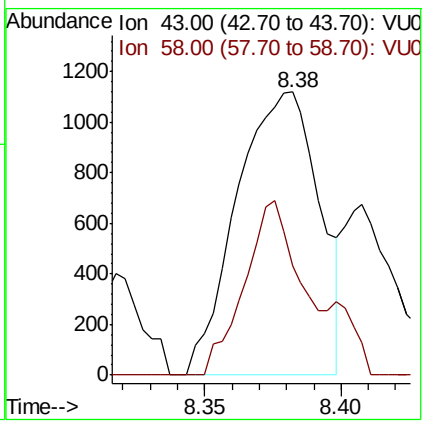


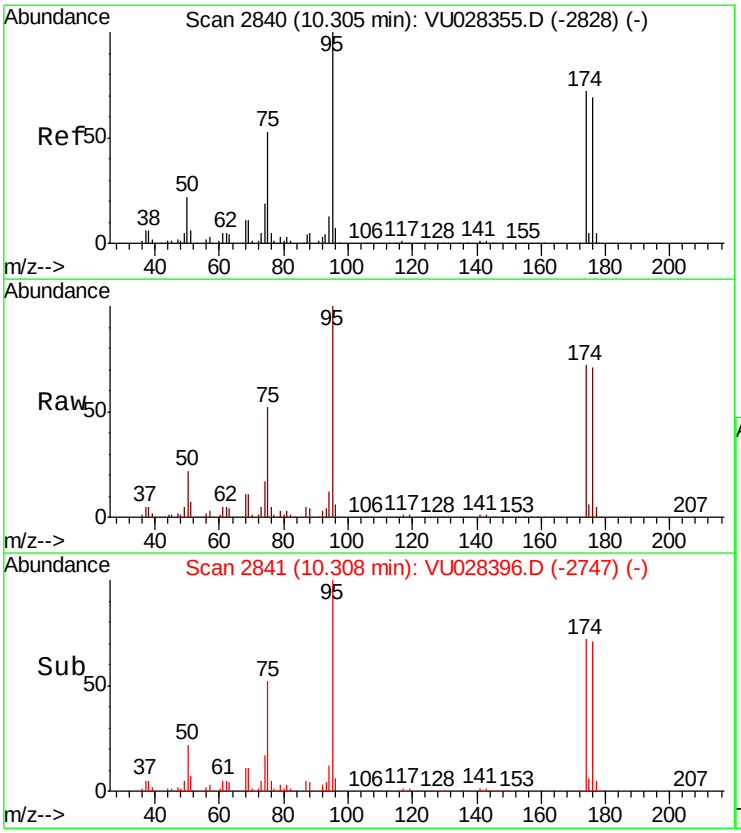
#59
2-Hexanone
Concen: 0.430 ug/l
RT: 8.38 min Scan# 2242
Delta R.T. 0.02 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2352

Ion	Ratio	Lower	Upper
43	100		
58	42.8	25.5	76.5

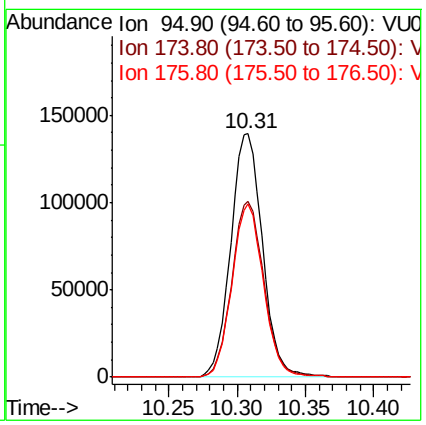


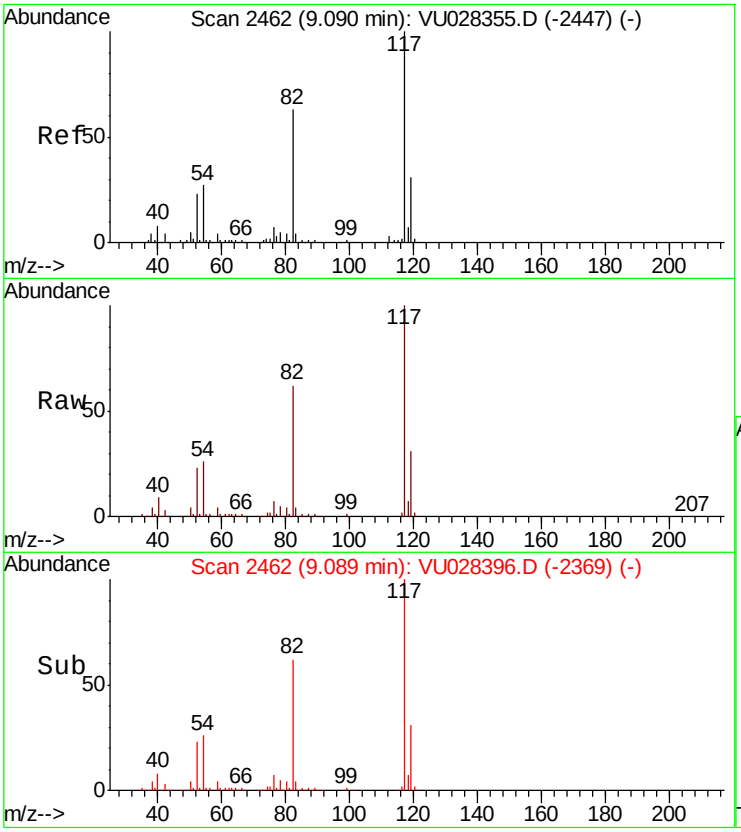


#62
4-Bromofluorobenzene
Concen: 50.340 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 95 Resp: 225758

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	145.4
176	70.5	0.0	140.8



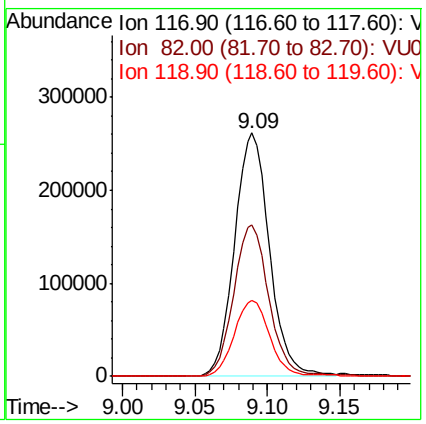


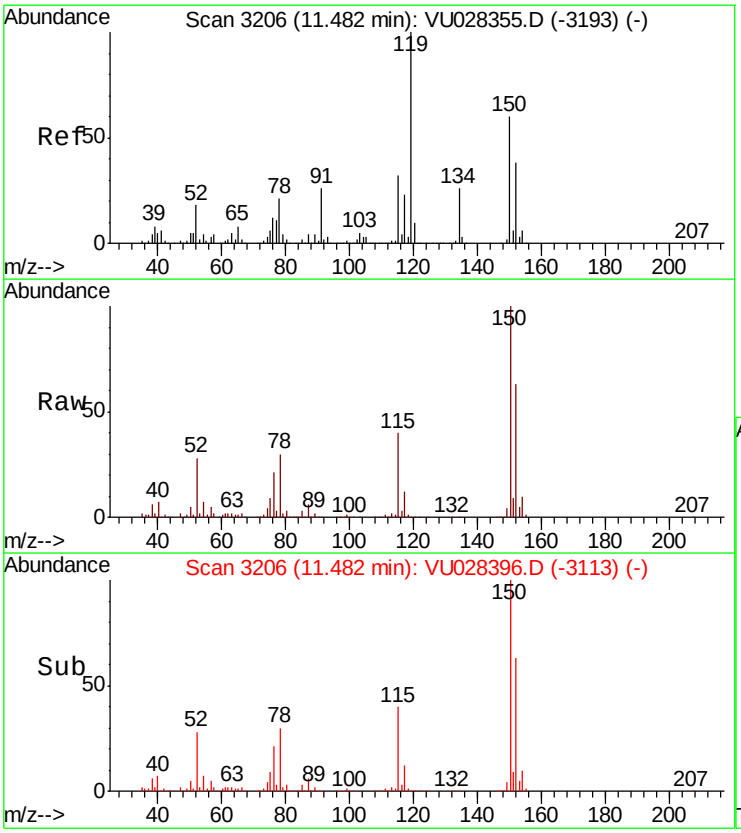
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 437333

Ion	Ratio	Lower	Upper
117	100		
82	62.5	50.3	75.5
119	31.3	24.8	37.2

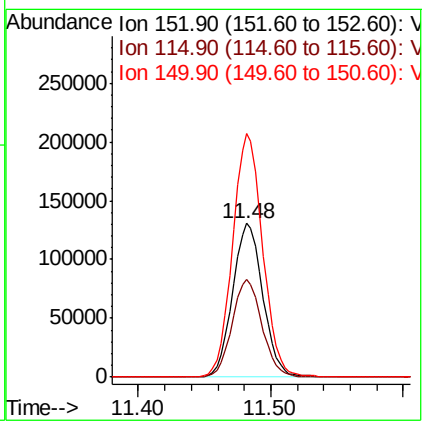


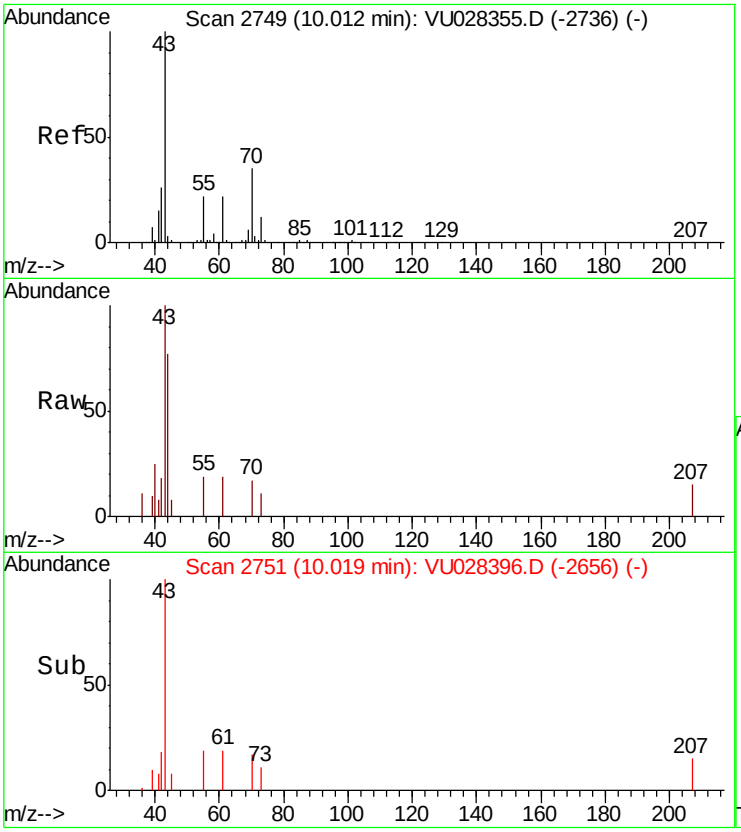


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion:152 Resp: 206939

Ion	Ratio	Lower	Upper
152	100		
115	62.5	45.0	134.8
150	157.1	0.0	349.2



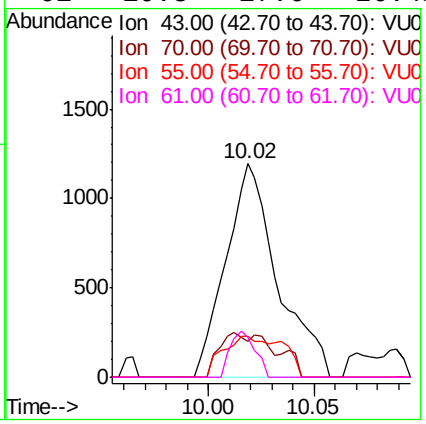


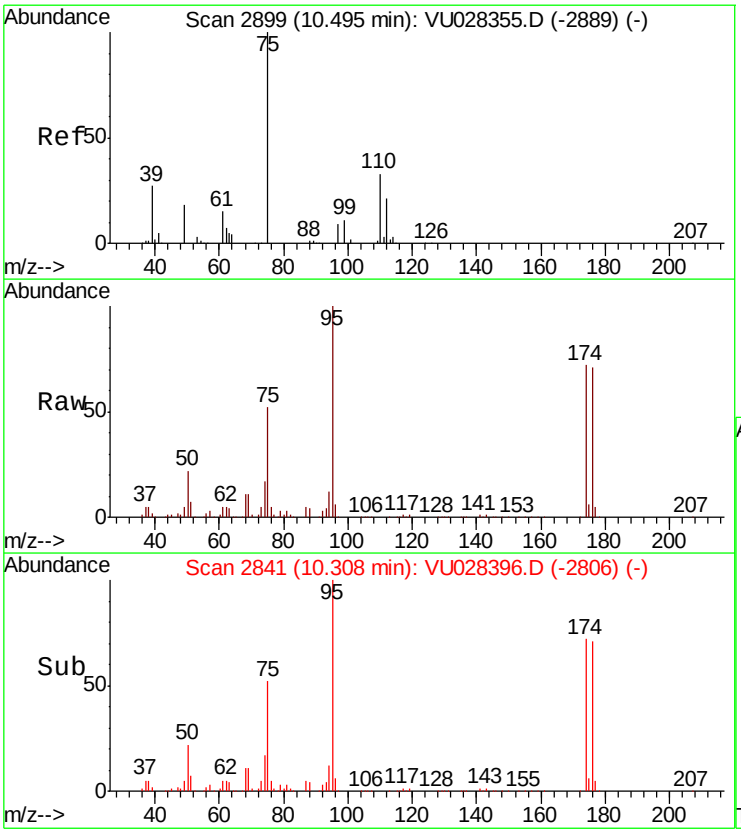
#74
N-amyl acetate
Concen: 0.201 ug/l
RT: 10.02 min Scan# 2751
Delta R.T. 0.01 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2029

Ion	Ratio	Lower	Upper
43	100		
70	11.5	28.4	42.6#
55	22.2	18.0	27.0
61	10.3	17.6	26.4#

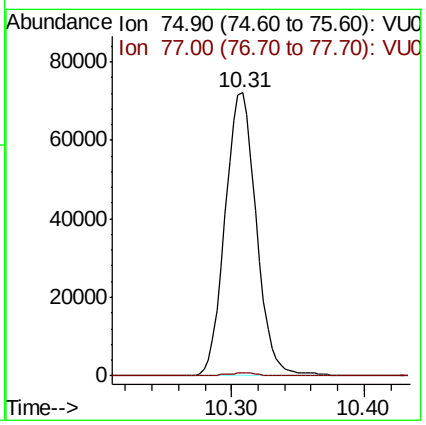


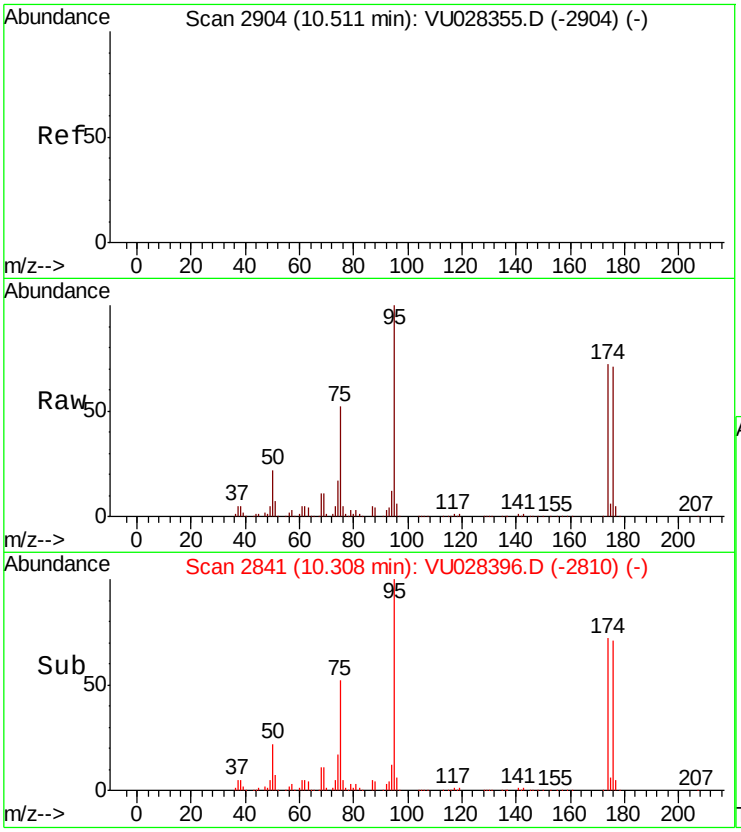


#76
1,2,3-Trichloropropane
Concen: 20.611 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 75 Resp: 118276

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.4	67.0#



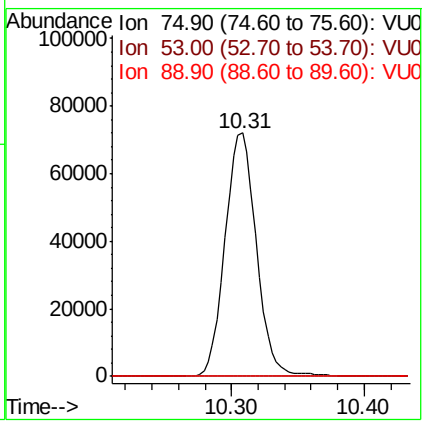


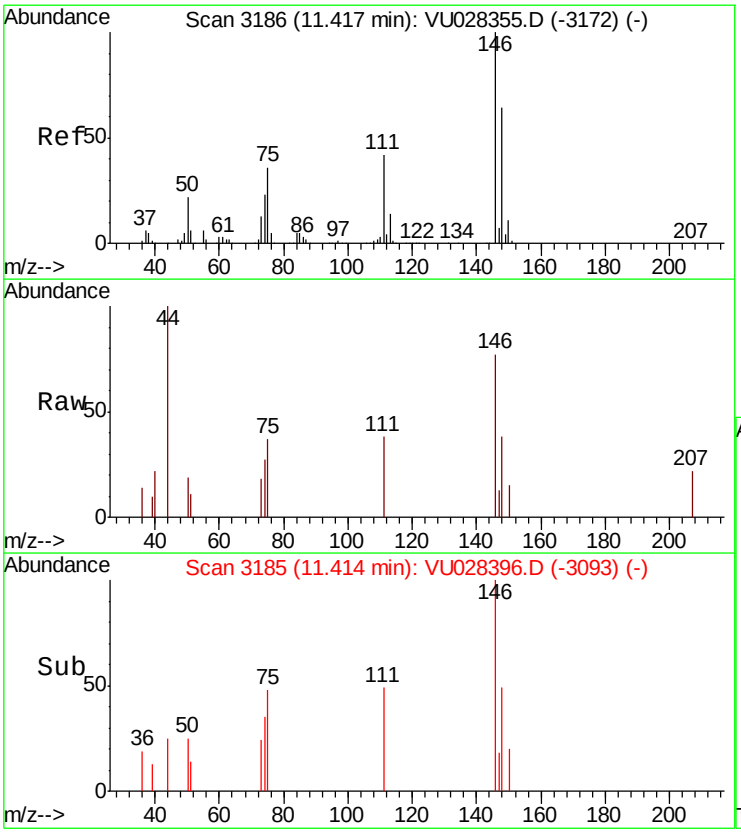
#81
trans-1,4-Dichloro-2-butene
Concen: 54.711 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 118276

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

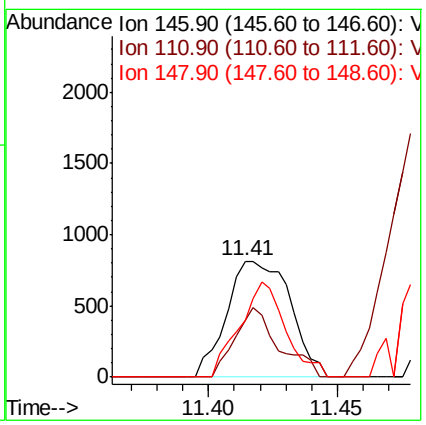


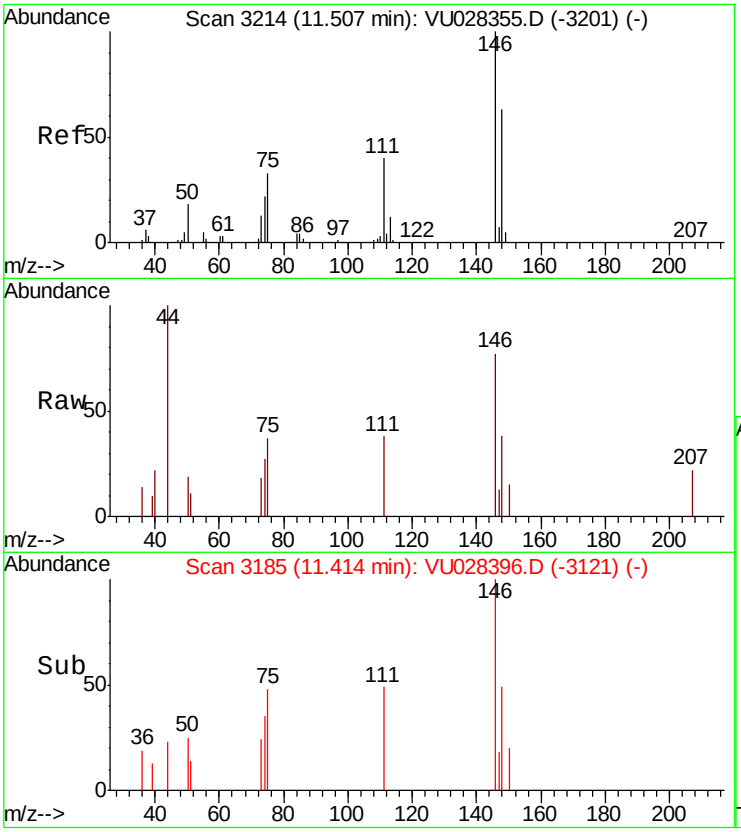


#87
1,3-Dichlorobenzene
Concen: 0.202 ug/l
RT: 11.41 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion:146 Resp: 1399

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	59.0	31.8	95.3



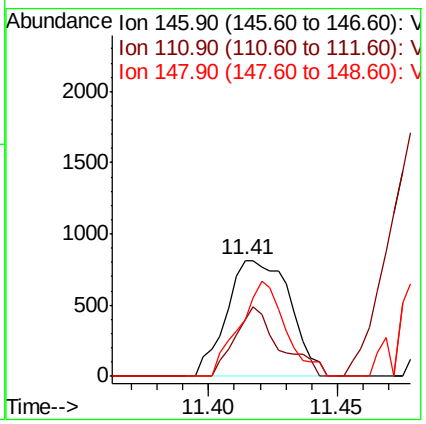


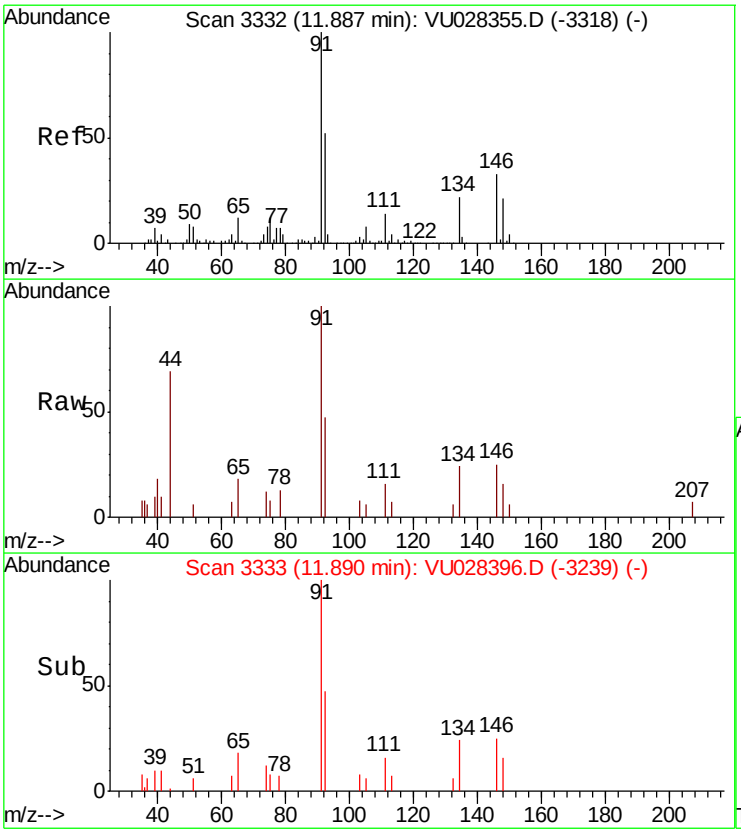
#88
1,4-Dichlorobenzene
Concen: 0.201 ug/l
RT: 11.41 min Scan# 3185
Delta R.T. -0.09 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 1399

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	59.0	31.1	93.5

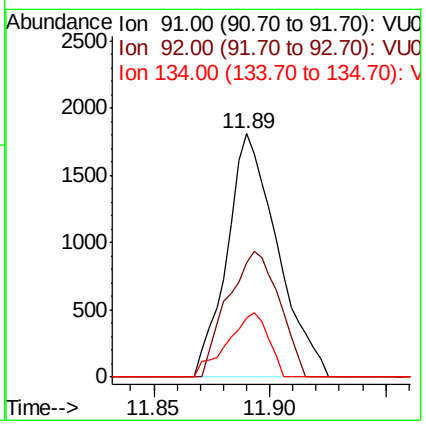


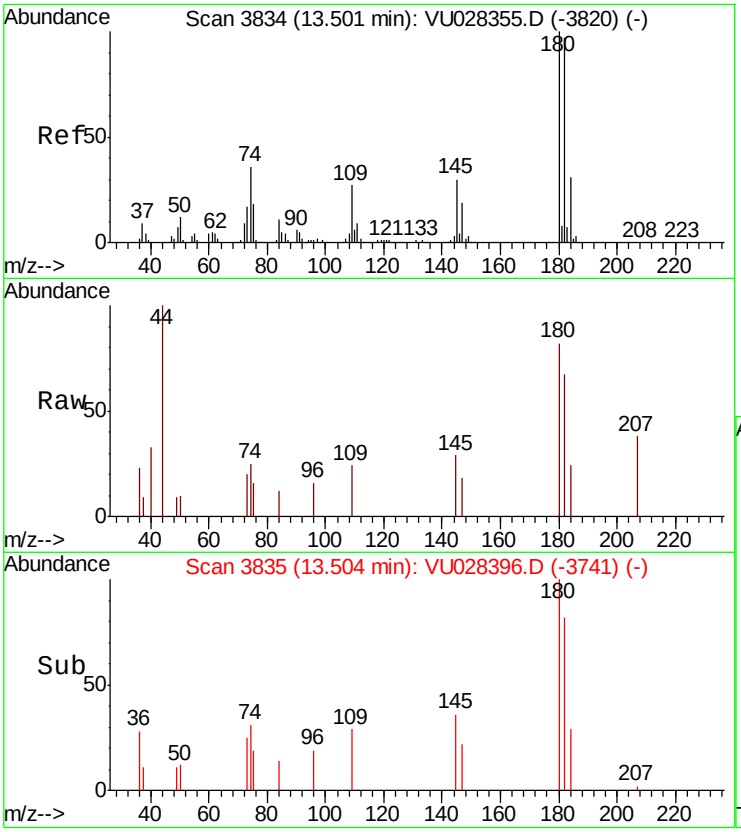


#89
n-Butylbenzene
Concen: 0.204 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion: 91 Resp: 2725

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.2	78.5
134	21.5	11.1	33.1



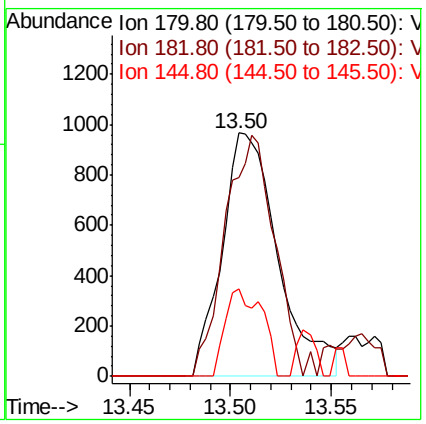


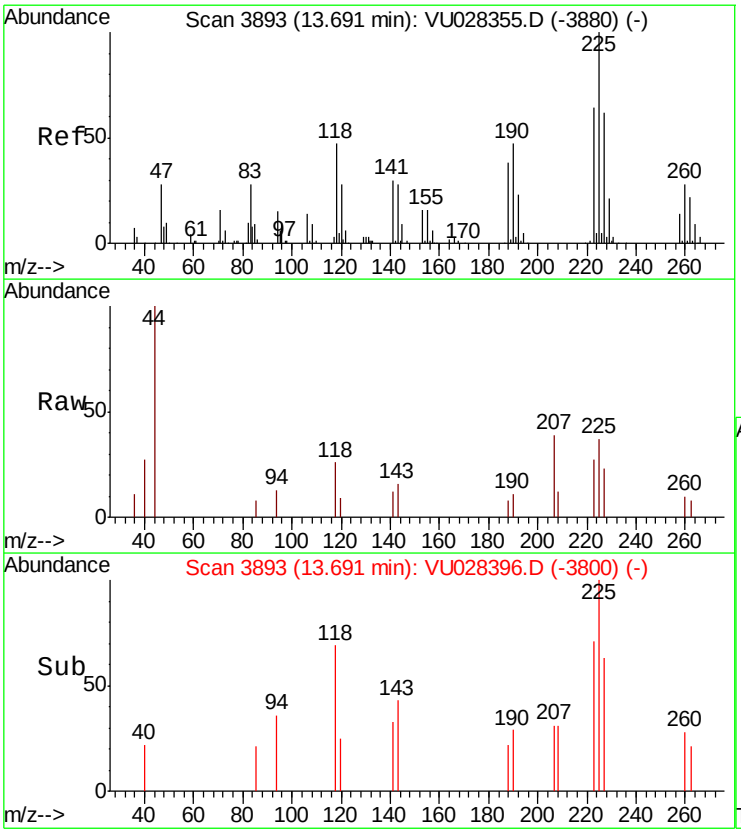
#93
1,2,4-Trichlorobenzene
Concen: 0.418 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 1886

Ion	Ratio	Lower	Upper
180	100		
182	86.5	48.3	144.9
145	23.5	15.2	45.5

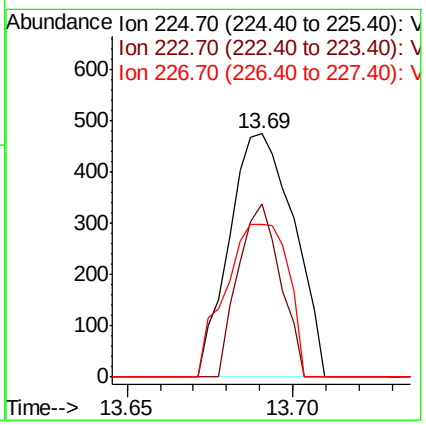


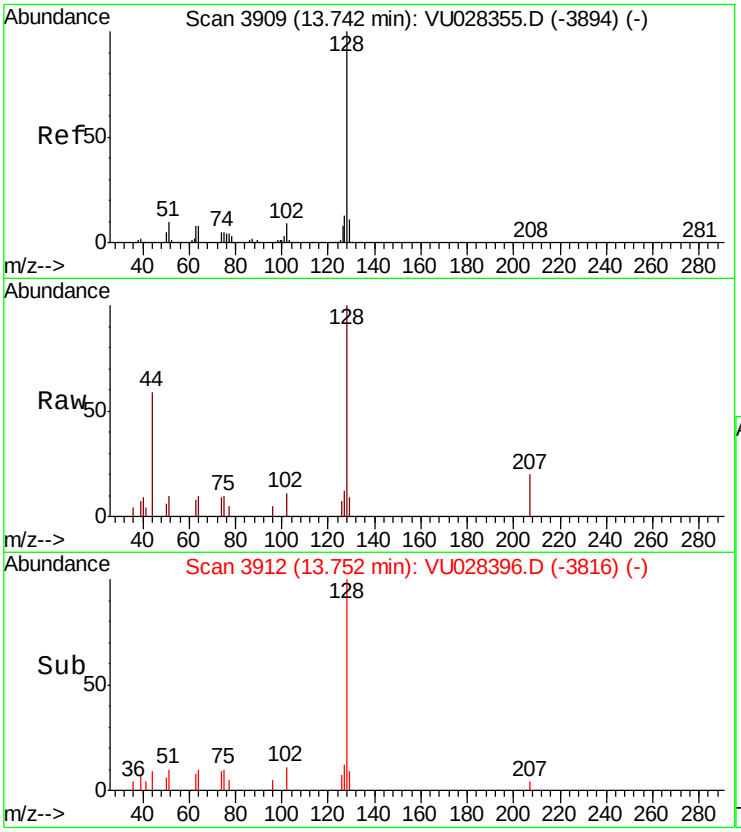


#94
Hexachlorobutadiene
Concen: 0.302 ug/l
RT: 13.69 min Scan# 3893
Delta R.T. -0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion:225 Resp: 644

Ion	Ratio	Lower	Upper
225	100		
223	46.4	31.6	94.7
227	60.6	30.8	92.4



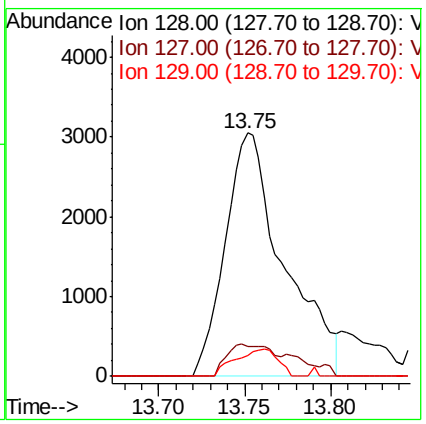


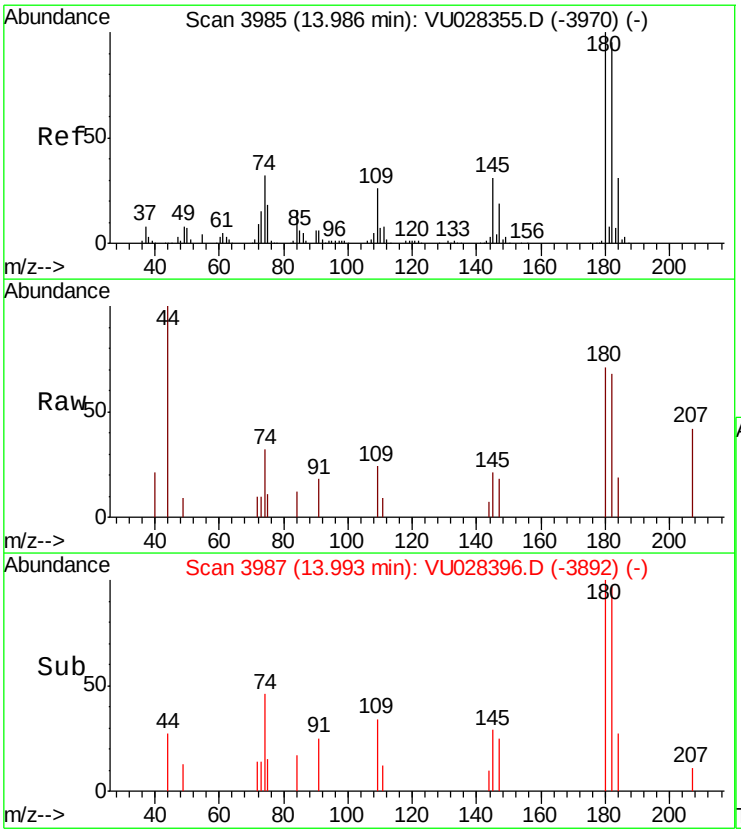
#95
Naphthalene
Concen: 3.226 ug/l
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 7210

Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.6	15.8#
129	8.1	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.363 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion:180 Resp: 1660

Ion	Ratio	Lower	Upper
180	100		
182	122.8	47.7	143.1
145	25.2	15.7	47.1