Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112818\
Data File : VU028359.D
Acq On : 28 Nov 2018 12:22
Operator : MD/SY
Sample : VU1128WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Quant Time: Nov 29 06:14:40 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	254476	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.88	114	466136	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	411123	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	157497	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.30	65	211629	49.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.52%				
35) Dibromofluoromethane	4.88	113	157073	50.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.34%				
50) Toluene-d8	7.56	98	607258	48.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.98%				
62) 4-Bromofluorobenzene	10.31	95	199663	44.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.38%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	20553	3.106	ug/l		93
10) Methyl Iodide	2.40	142	1234	0.467	ug/l	#	79
11) Tert butyl alcohol	2.83	59	393	0.407	ug/l	#	72
13) Acrolein	2.20	56	569	0.662	ug/l	#	22
16) Acetone	2.32	43	1285	0.494	ug/l		90
17) Carbon Disulfide	2.48	76	6412	0.614	ug/l		97
18) Methyl Acetate	2.62	43	2558	0.353	ug/l	#	85
20) Methylene Chloride	2.70	84	1352	0.295	ug/l	#	78
21) trans-1,2-Dichloroethene	2.98	96	727	0.231	ug/l	#	54
31) Cyclohexane	4.98	56	7021	0.611	ug/l	#	1
36) 1,1-Dichloropropene	4.98	75	22273	4.367	ug/l	#	51
38) Carbon Tetrachloride	4.98	117	24835	5.929	ug/l	#	15
51) 4-Methyl-2-Pentanone	7.46	43	1428	0.203	ug/l	#	75
59) 2-Hexanone	8.37	43	2059	0.378	ug/l		72
76) 1,2,3-Trichloropropane	10.30	75	106116	24.297	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	10.30	75	106116	64.495	ug/l	#	100
82) 4-Chlorotoluene	10.77	91	2106	0.205	ug/l		86
87) 1,3-Dichlorobenzene	11.42	146	1435	0.273	ug/l		89
88) 1,4-Dichlorobenzene	11.42	146	1435	0.271	ug/l		88
89) n-Butylbenzene	11.90	91	2197	0.217	ug/l		76
91) 1,2-Dichlorobenzene	11.89	146	1419	0.270	ug/l		83
93) 1,2,4-Trichlorobenzene	13.51	180	1855	0.540	ug/l	#	81
94) Hexachlorobutadiene	13.69	225	554	0.341	ug/l		87
95) Naphthalene	13.75	128	7533	3.371	ug/l	#	91
96) 1,2,3-Trichlorobenzene	13.99	180	2240	0.644	ug/l		79

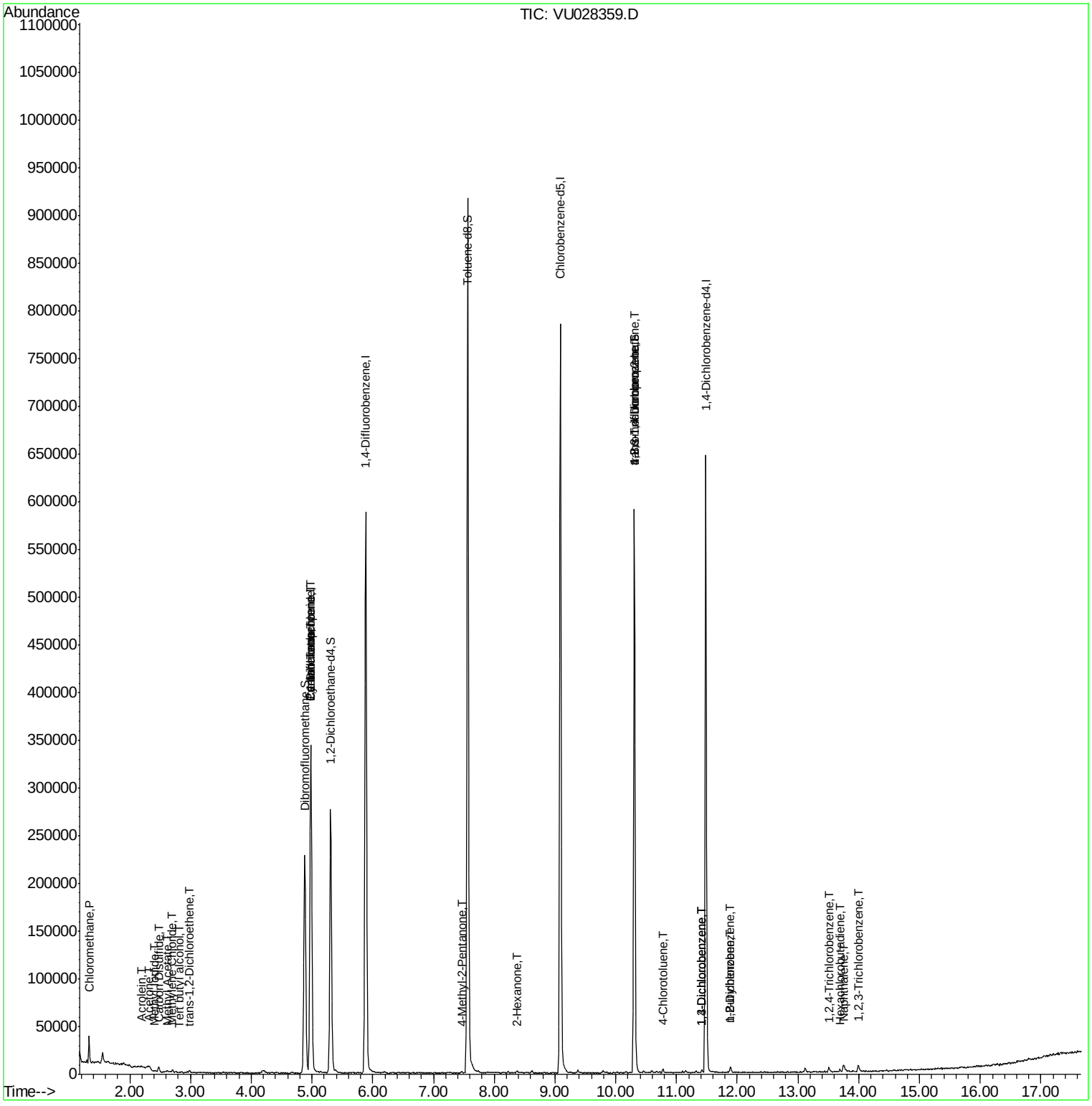
(#) = qualifier out of range (m) = manual integration (+) = signals summed

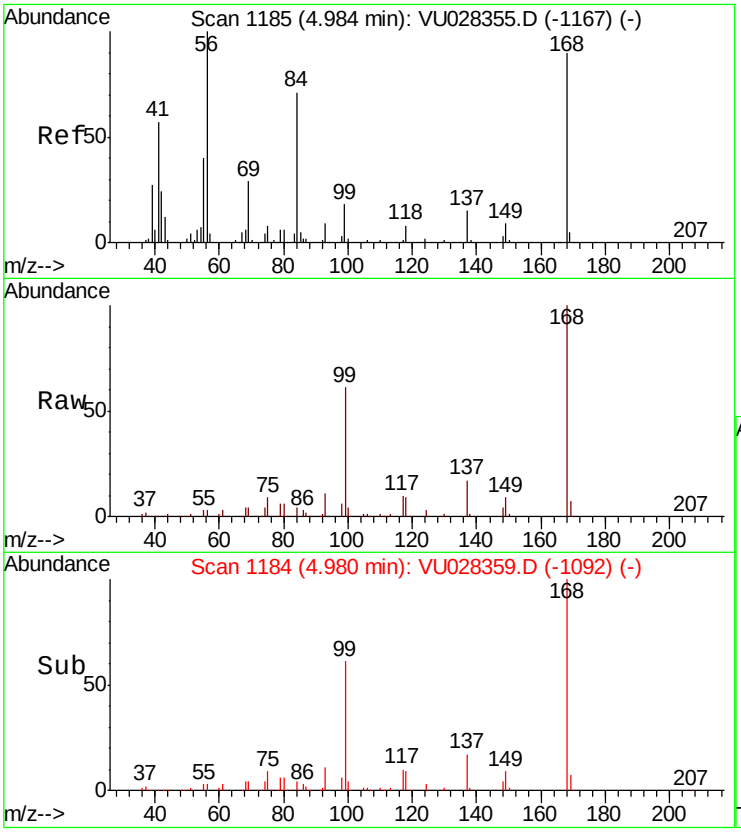
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
Data File : VU028359.D
Acq On : 28 Nov 2018 12:22
Operator : MD/SY
Sample : VU1128WBL01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBL01

Quant Time: Nov 29 06:14:40 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



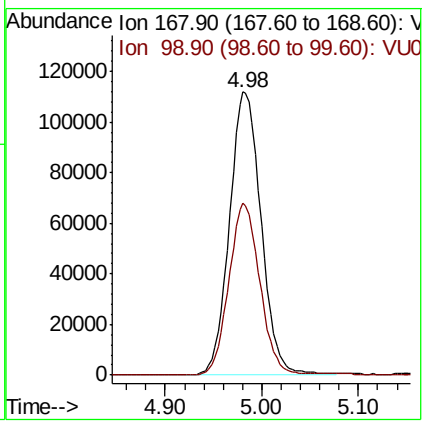


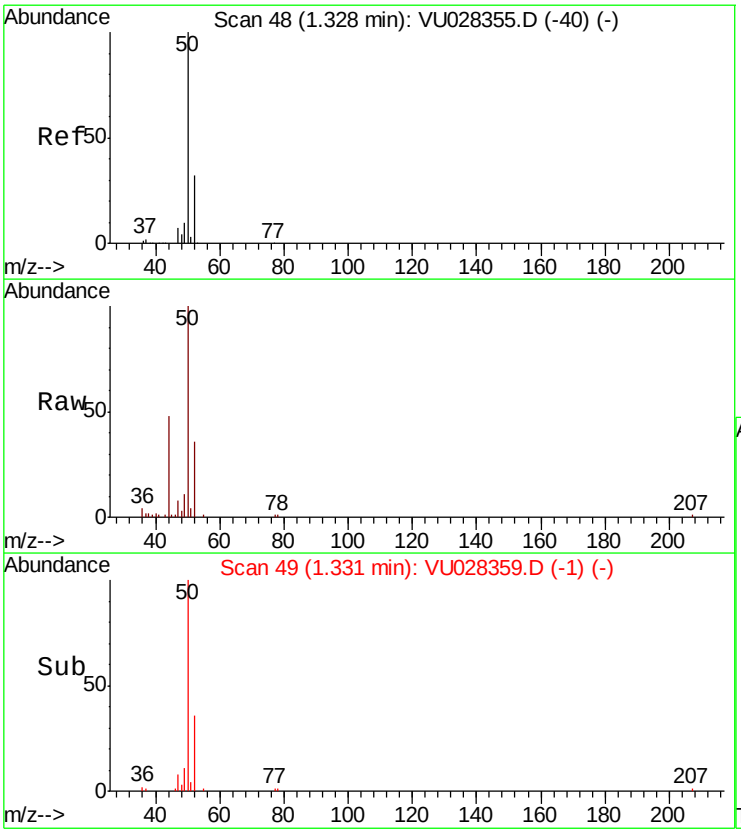
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion:168 Resp: 254476

Ion	Ratio	Lower	Upper
168	100		
99	60.6	49.6	74.4

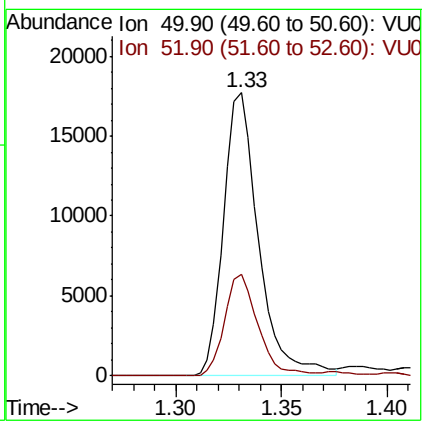


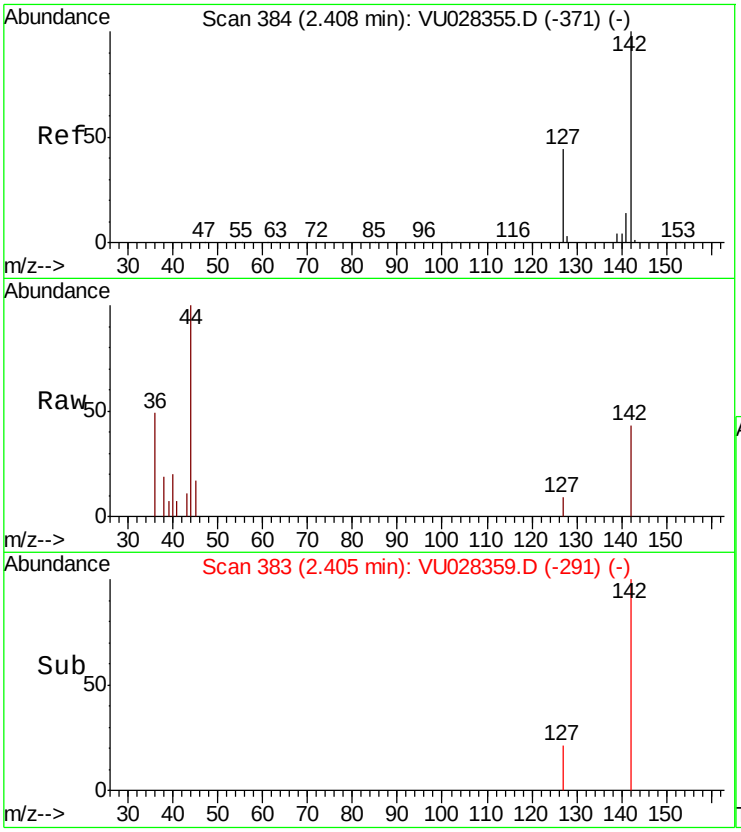


#3
Chloromethane
Concen: 3.106 ug/l
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 50 Resp: 20553

Ion	Ratio	Lower	Upper
50	100		
52	36.0	25.4	38.2



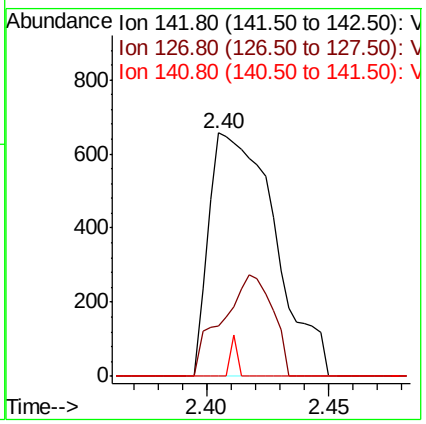


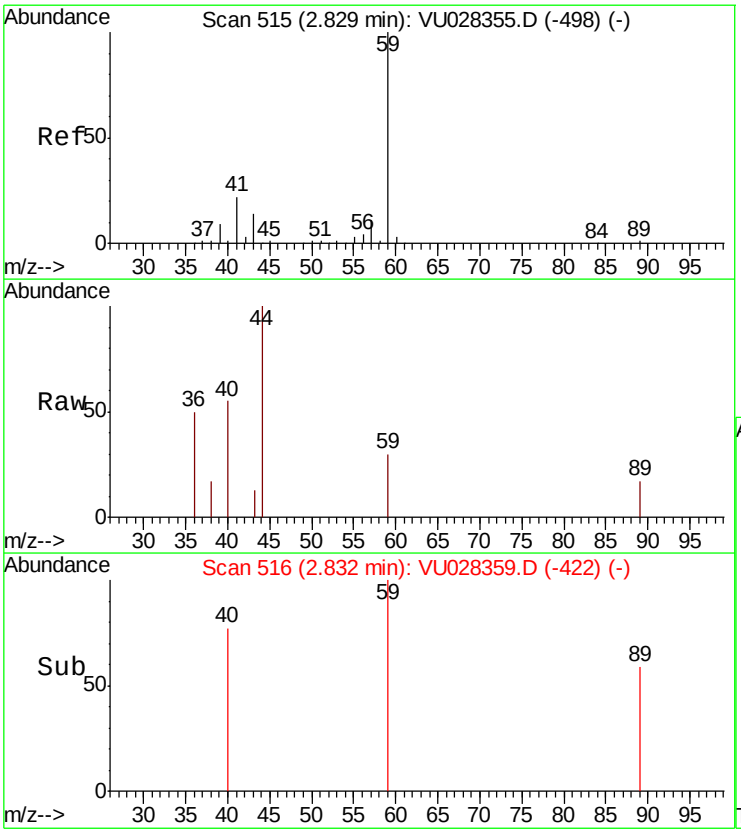
#10
Methyl Iodide
Concen: 0.467 ug/l
RT: 2.40 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion:142 Resp: 1234

Ion	Ratio	Lower	Upper
142	100		
127	31.8	35.0	52.6#
141	1.7	11.2	16.8#

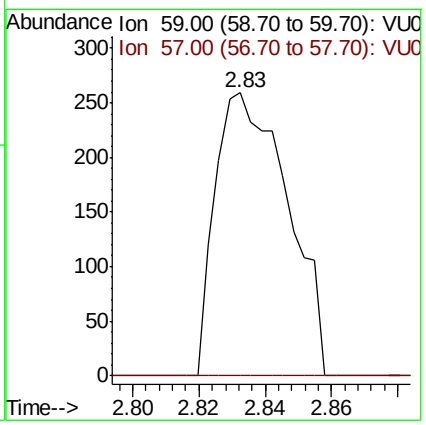


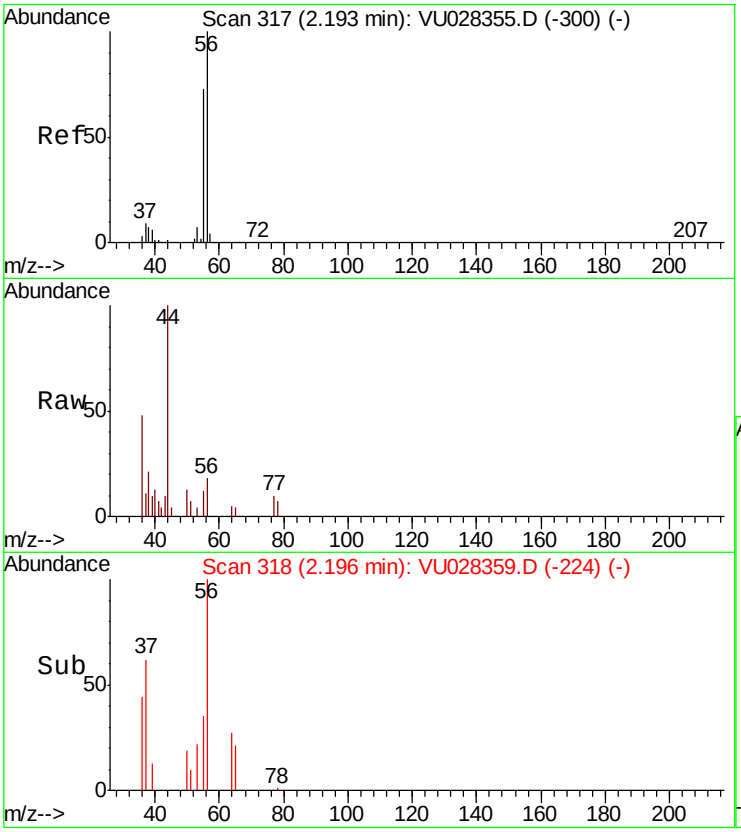


#11
Tert butyl alcohol
Concen: 0.407 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 59 Resp: 393

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



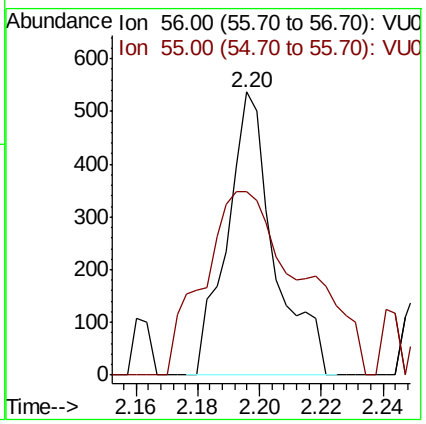


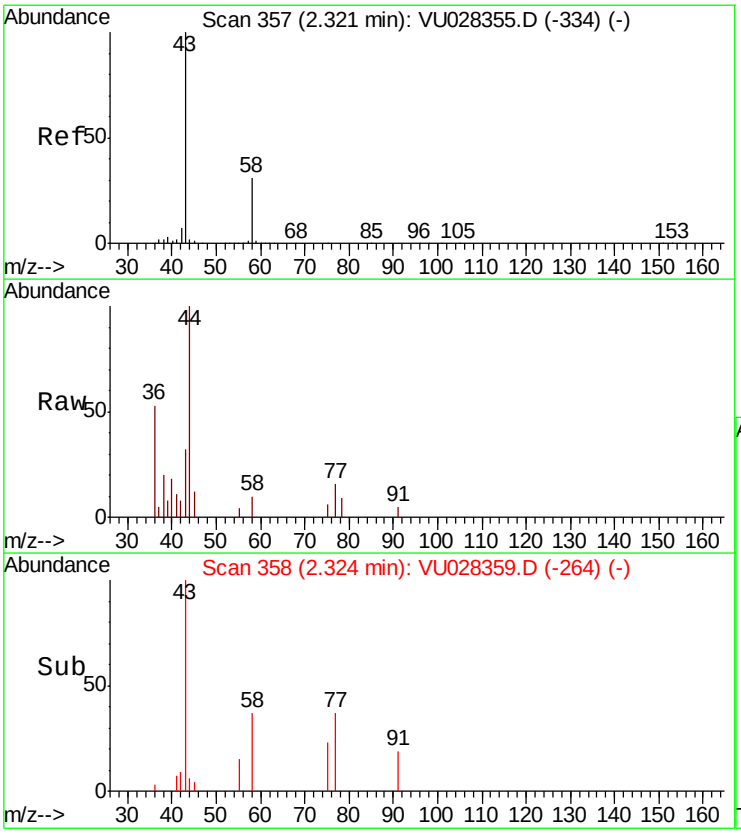
#13
Acrolein
Concen: 0.662 ug/l
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion: 56 Resp: 569

Ion	Ratio	Lower	Upper
56	100		
55	135.1	56.6	85.0#

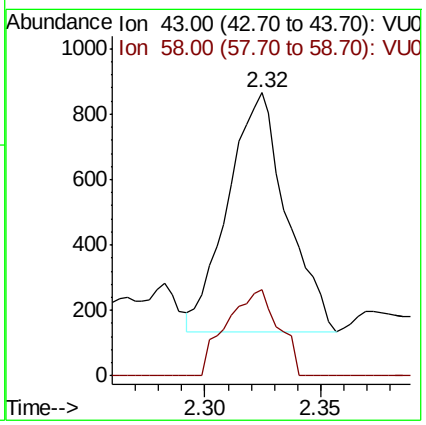


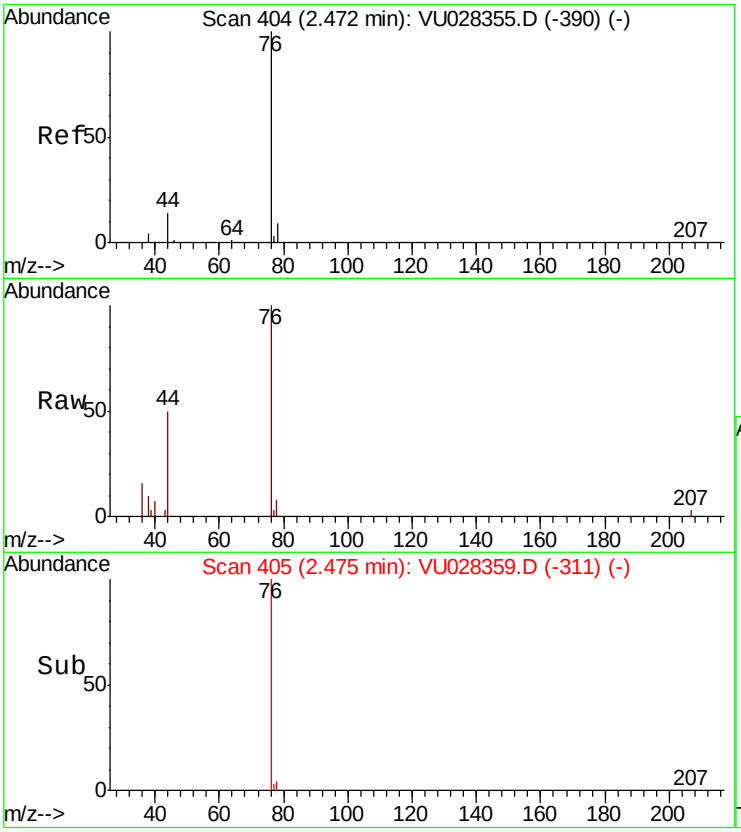


#16
Acetone
Concen: 0.494 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 43 Resp: 1285

Ion	Ratio	Lower	Upper
43	100		
58	35.9	24.4	36.6



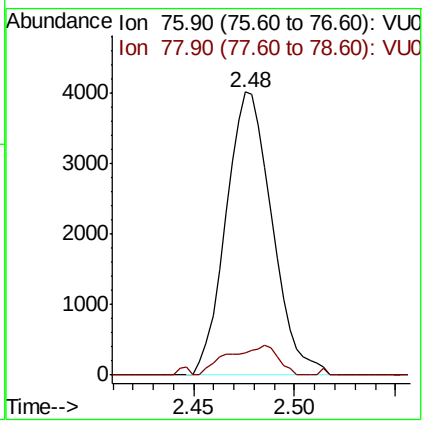


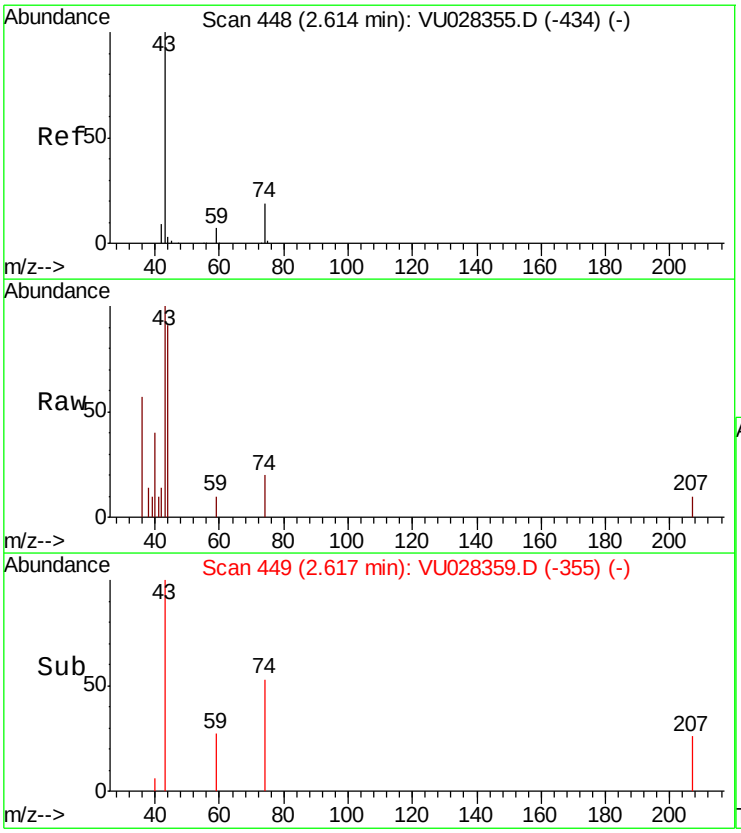
#17
Carbon Disulfide
Concen: 0.614 ug/l
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion: 76 Resp: 6412

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.4	11.2

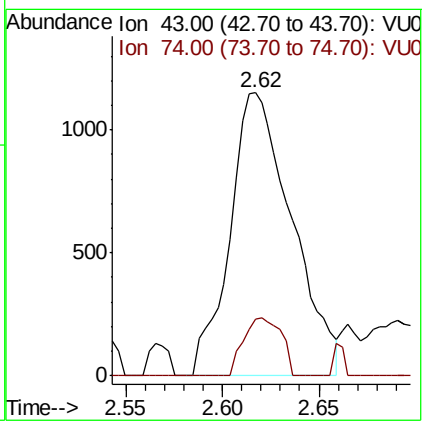


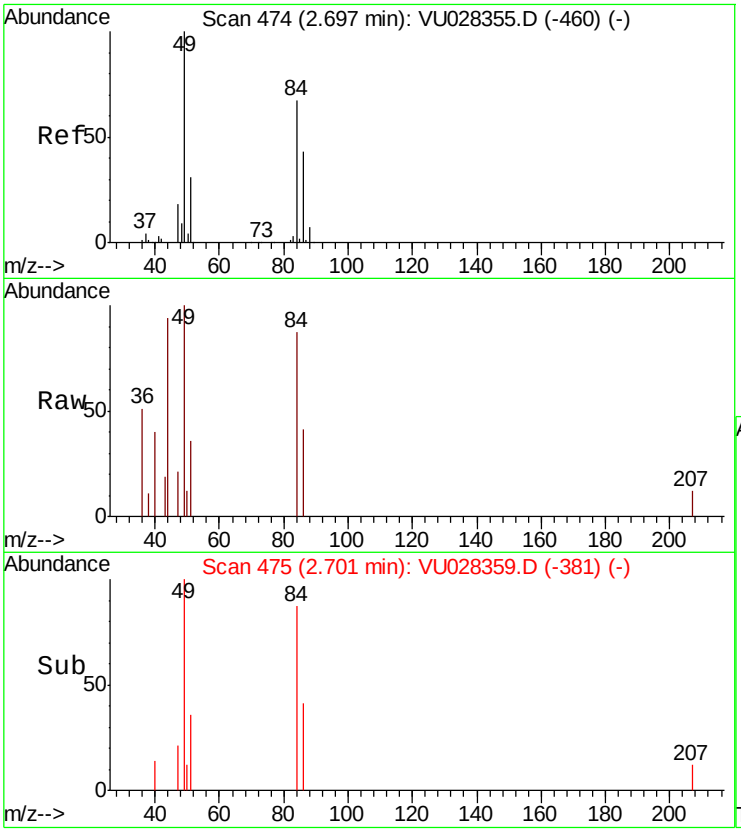


#18
Methyl Acetate
Concen: 0.353 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 43 Resp: 2558

Ion	Ratio	Lower	Upper
43	100		
74	12.4	15.3	22.9#



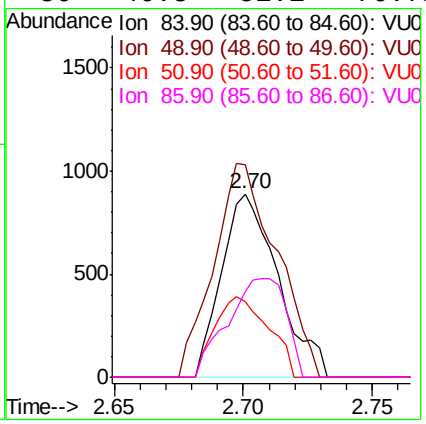


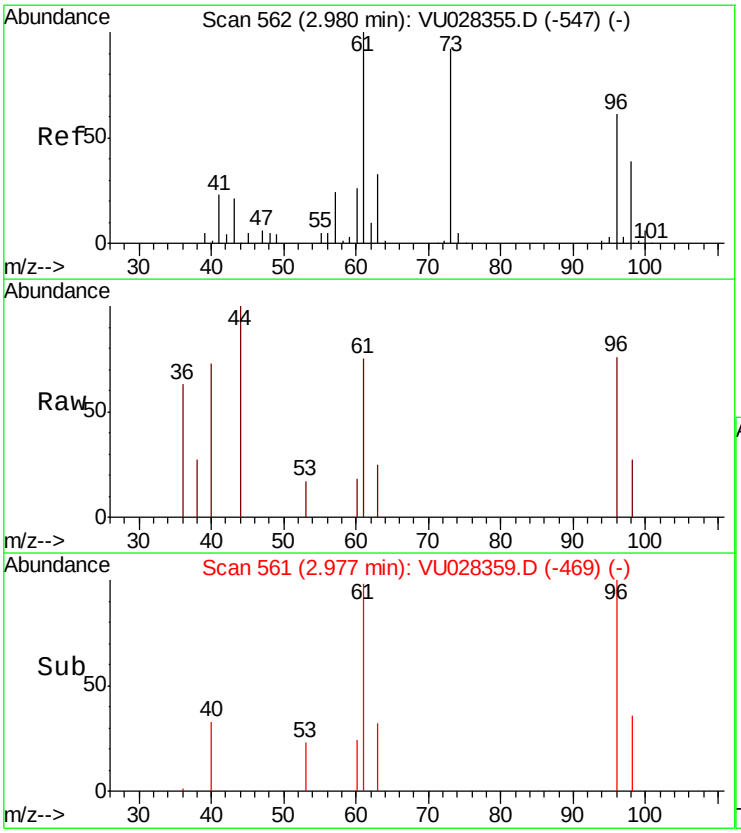
#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion: 84 Resp: 1352

Ion	Ratio	Lower	Upper
84	100		
49	115.5	120.0	180.0#
51	41.4	36.9	55.3
86	46.8	51.1	76.7#

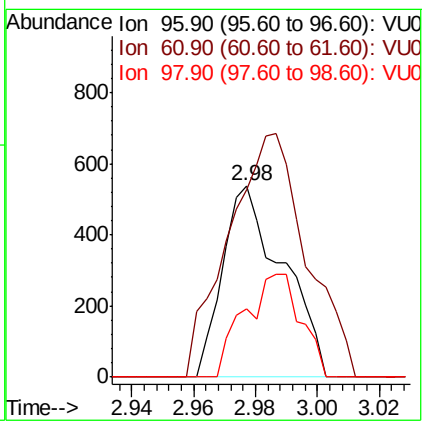


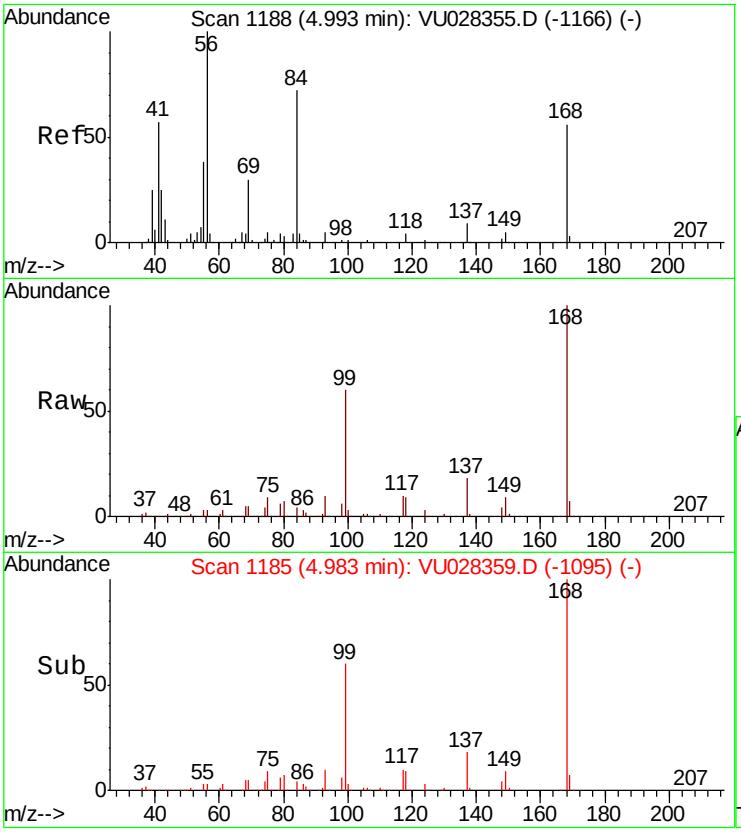


#21
trans-1,2-Dichloroethene
Concen: 0.231 ug/l
RT: 2.98 min Scan# 561
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 96 Resp: 727

Ion	Ratio	Lower	Upper
96	100		
61	97.8	131.1	196.7#
98	35.6	51.7	77.5#



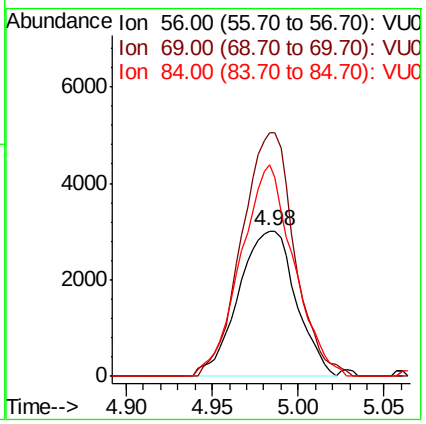


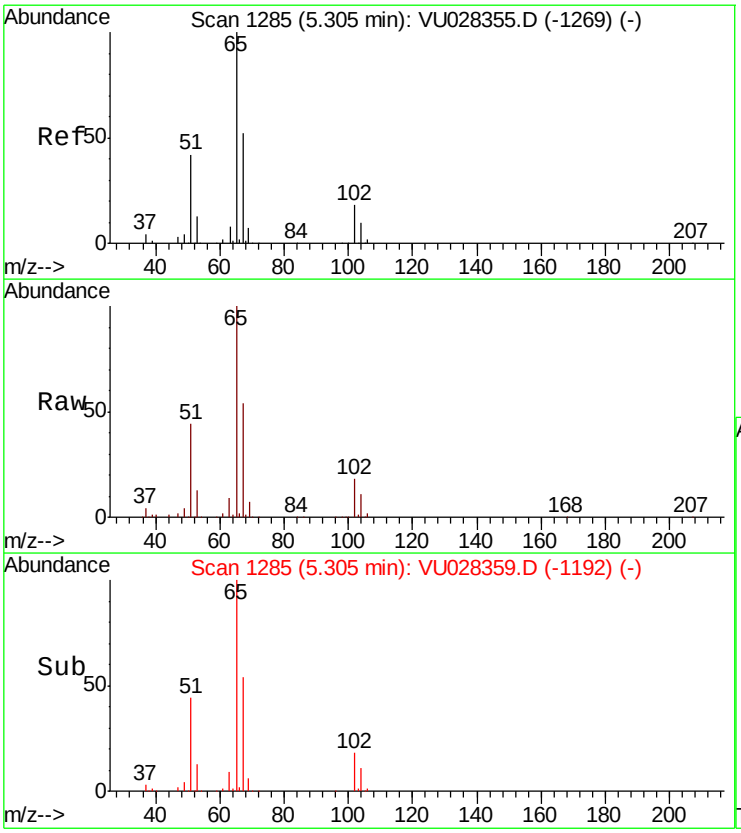
#31
Cyclohexane
Concen: 0.611 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion: 56 Resp: 7021

Ion	Ratio	Lower	Upper
56	100		
69	167.5	23.7	35.5#
84	145.8	57.3	85.9#

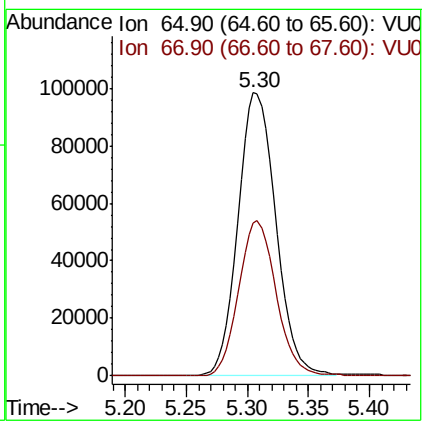


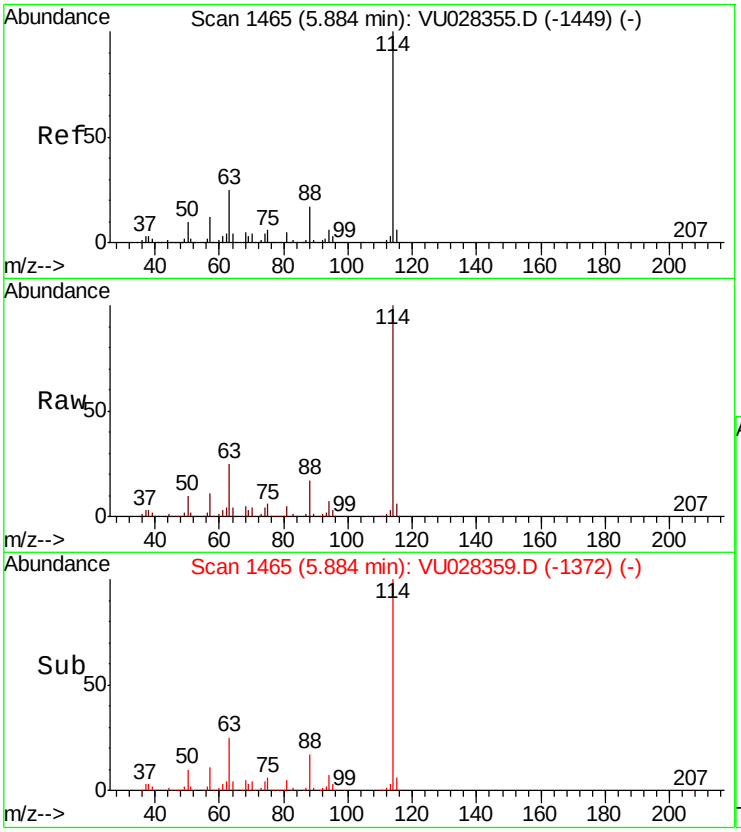


#33
1,2-Dichloroethane-d4
Concen: 49.761 ug/l
RT: 5.30 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 65 Resp: 211629

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.8



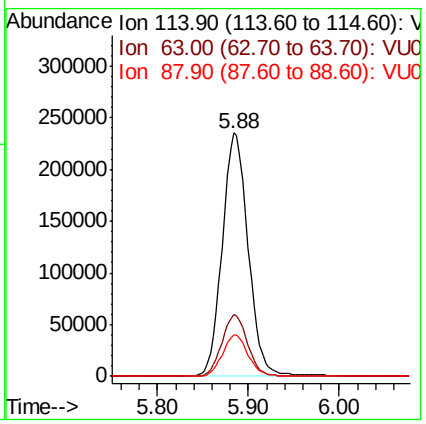


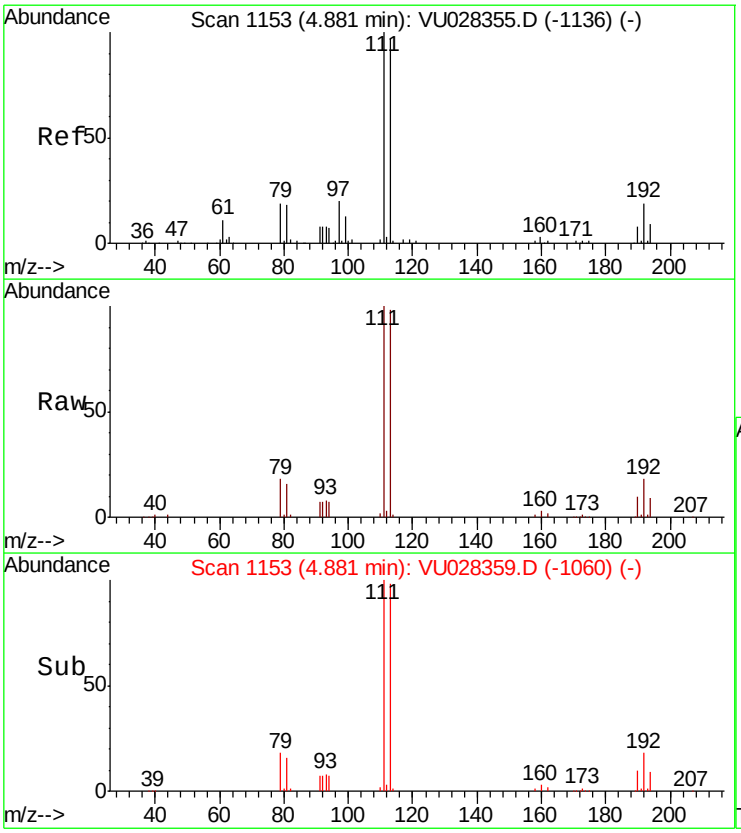
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion:114 Resp: 466136

Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	50.0
88	16.9	0.0	34.4

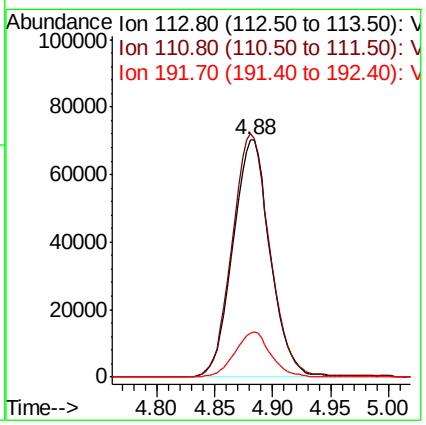


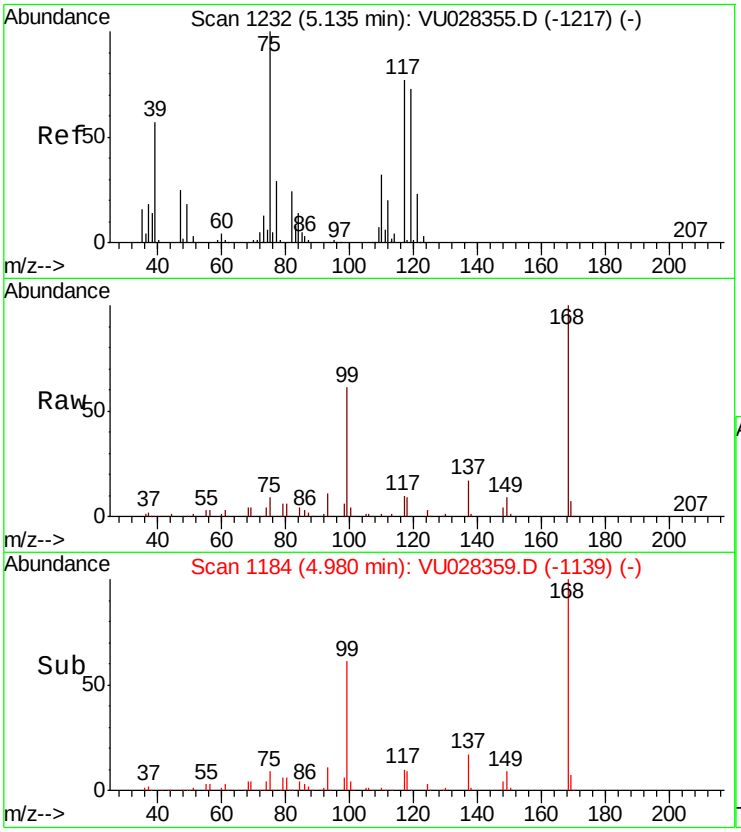


#35
Dibromofluoromethane
Concen: 50.675 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion:113 Resp: 157073

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.3	15.4	23.0



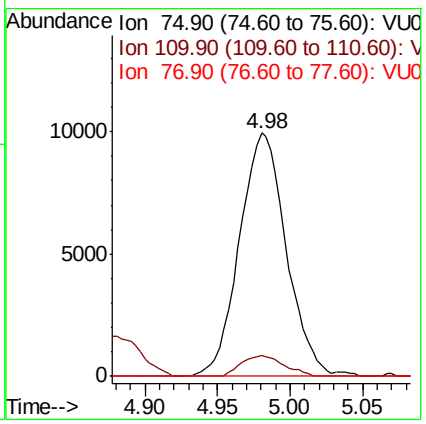


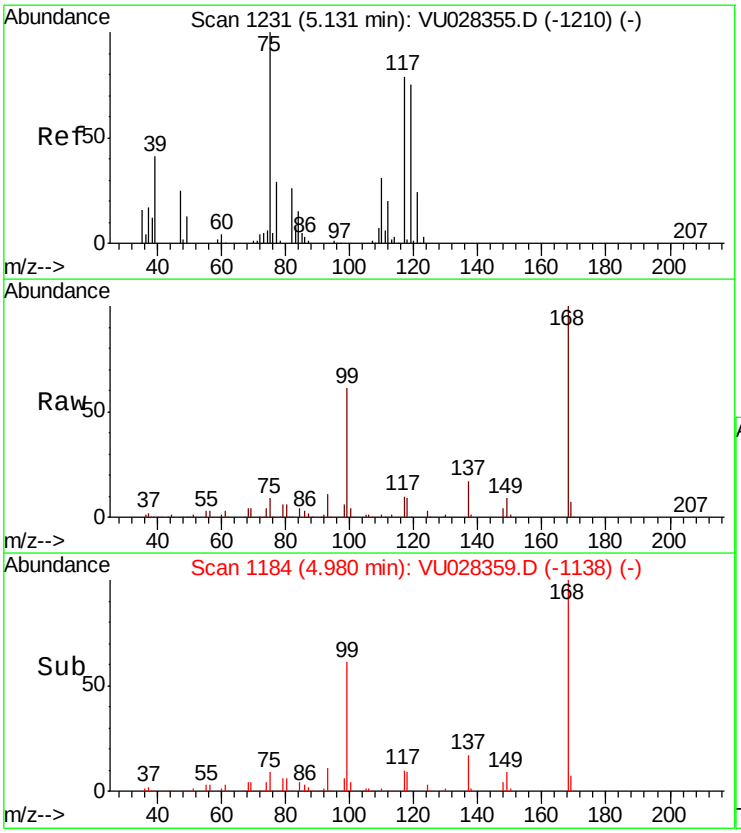
#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBL01

Tgt Ion: 75 Resp: 22273

Ion	Ratio	Lower	Upper
75	100		
110	7.8	15.8	47.4#
77	0.0	24.6	36.8#

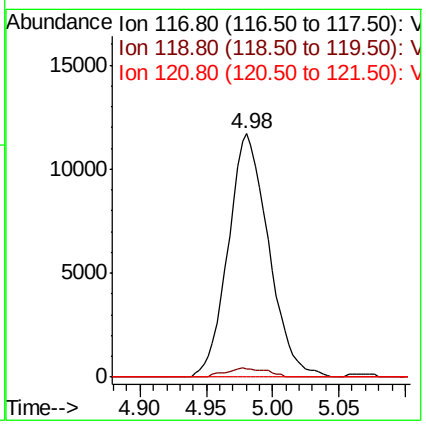


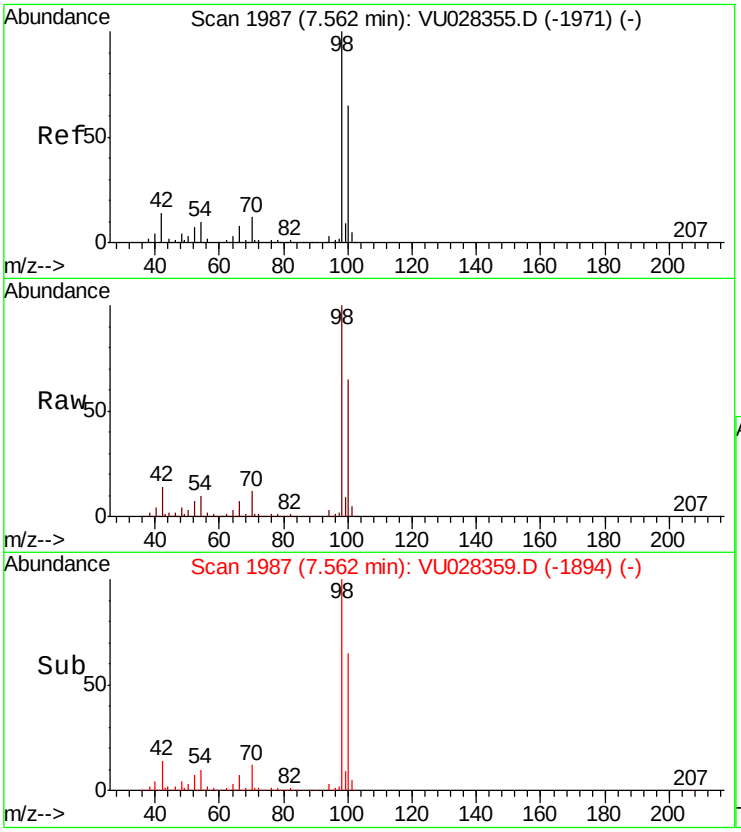


#38
Carbon Tetrachloride
Concen: 5.929 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion:117 Resp: 24835

Ion	Ratio	Lower	Upper
117	100		
119	3.5	76.3	114.5#
121	0.0	24.7	37.1#



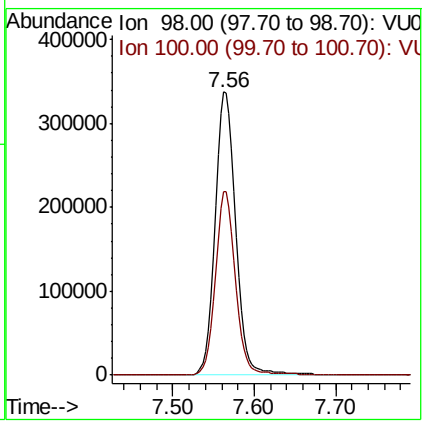


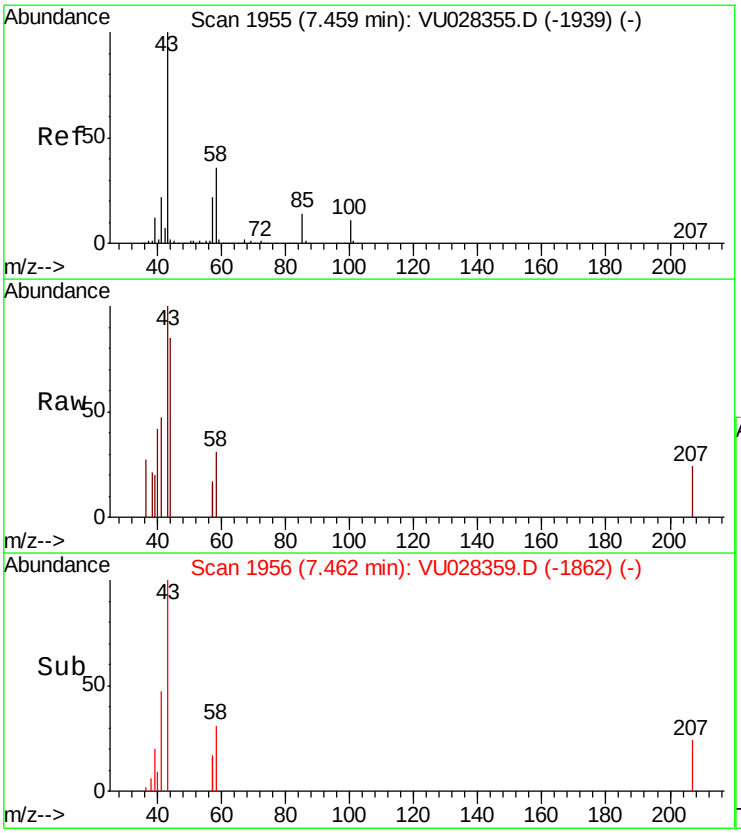
#50
Toluene-d8
Concen: 48.987 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion: 98 Resp: 607258

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.8	76.2

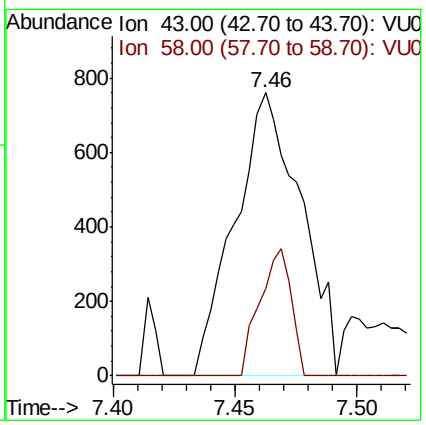


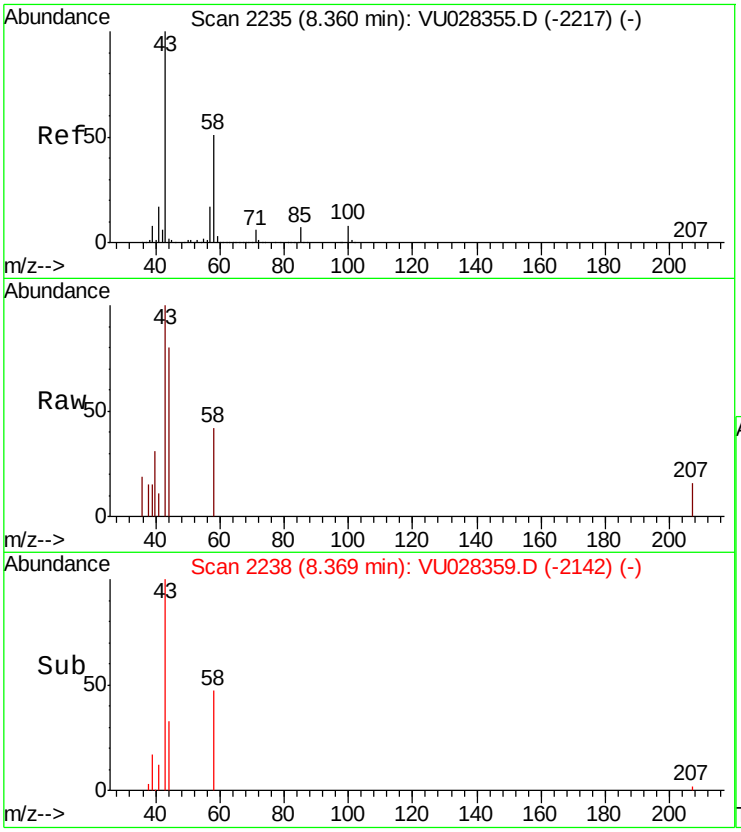


#51
4-Methyl-2-Pentanone
Concen: 0.203 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 43 Resp: 1428

Ion	Ratio	Lower	Upper
43	100		
58	21.4	28.8	43.2#



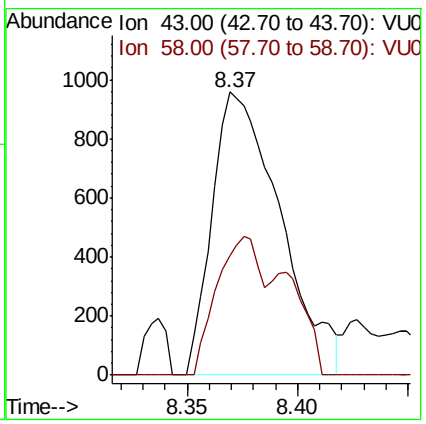


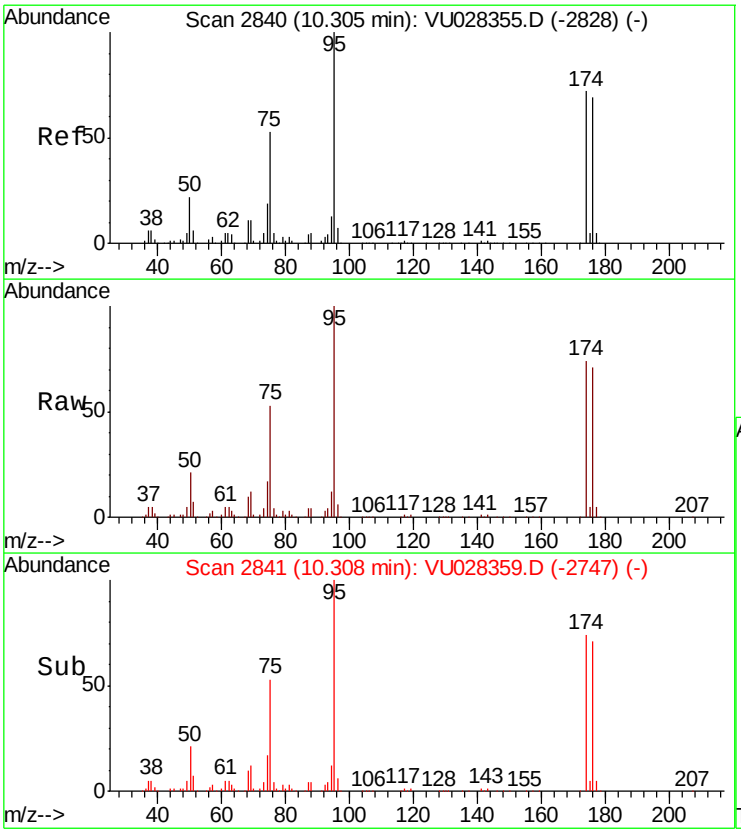
#59
2-Hexanone
Concen: 0.378 ug/l
RT: 8.37 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion: 43 Resp: 2059

Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.5	76.5

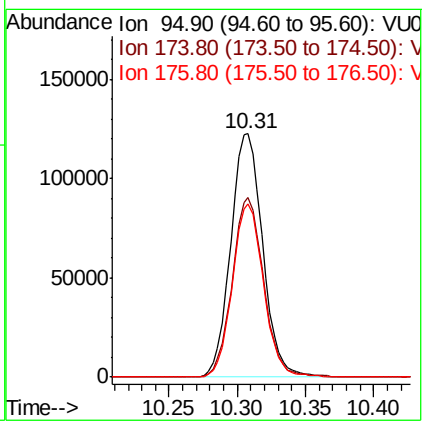


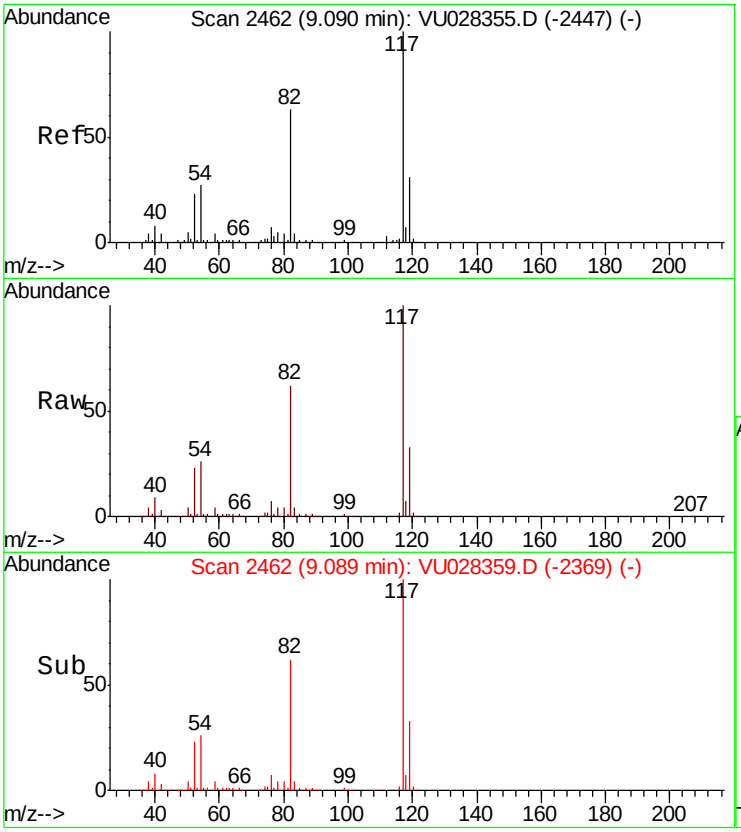


#62
4-Bromofluorobenzene
Concen: 44.688 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 95 Resp: 199663

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	145.4
176	69.4	0.0	140.8



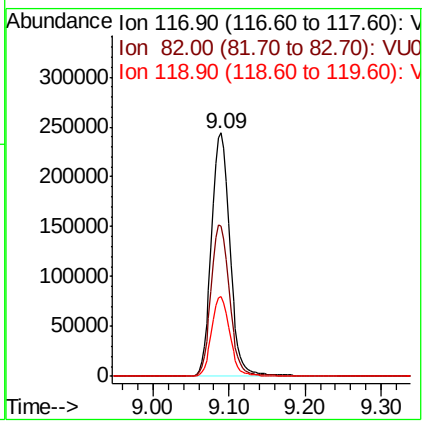


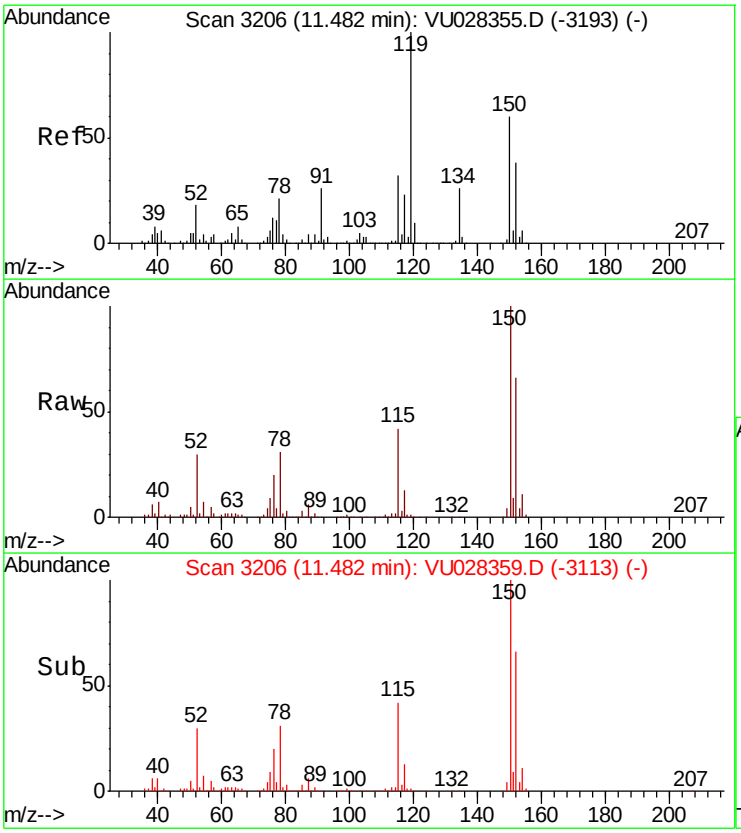
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion:117 Resp: 411123

Ion	Ratio	Lower	Upper
117	100		
82	61.9	50.3	75.5
119	32.6	24.8	37.2

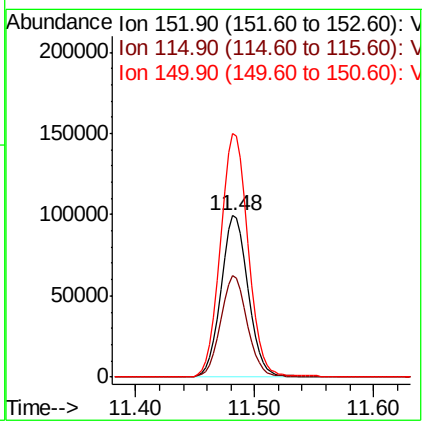


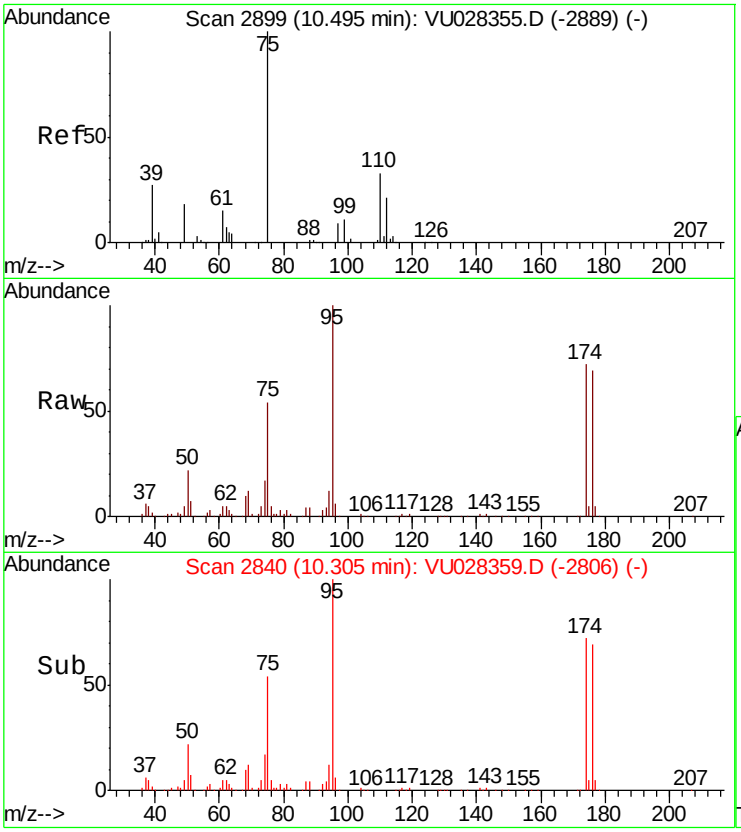


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion:152 Resp: 157497

Ion	Ratio	Lower	Upper
152	100		
115	61.6	45.0	134.8
150	153.4	0.0	349.2



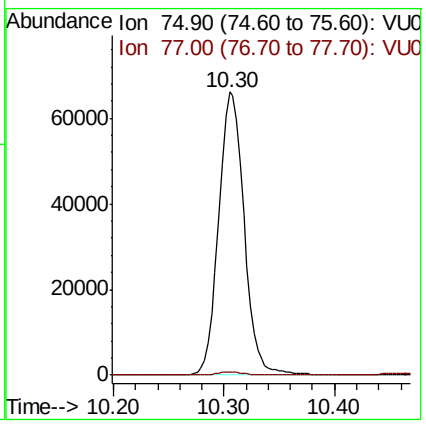


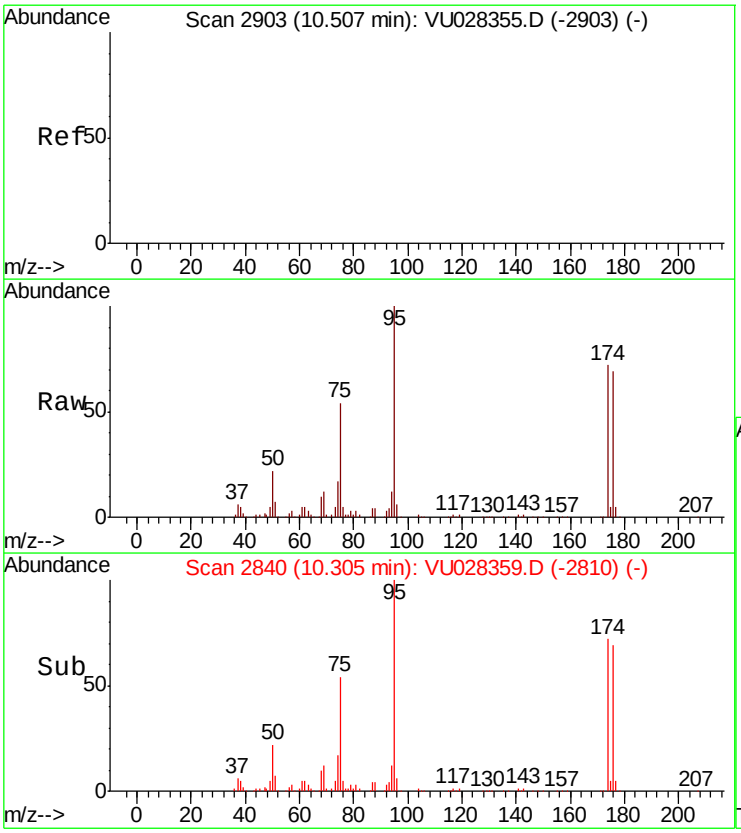
#76
1,2,3-Trichloropropane
Concen: 24.297 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBL01

Tgt Ion: 75 Resp: 106116

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.4	67.0#

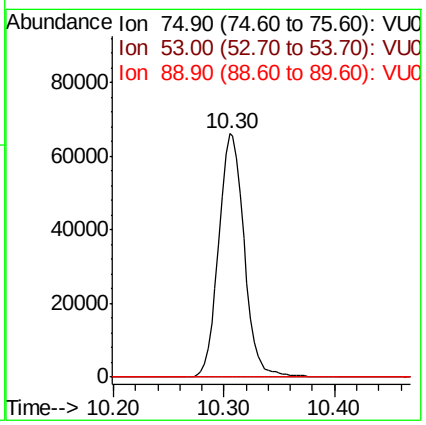


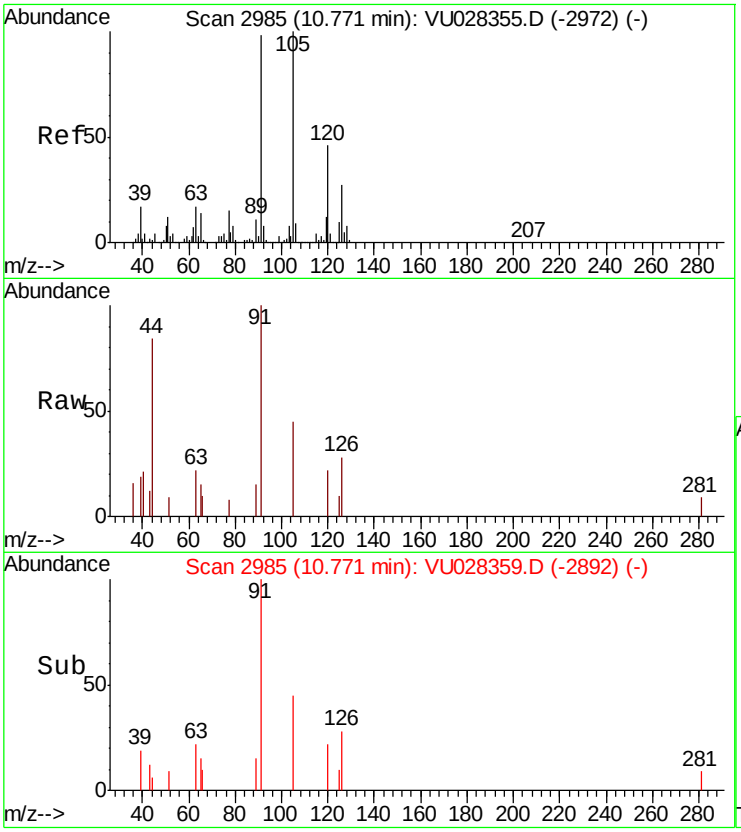


#81
trans-1,4-Dichloro-2-butene
Concen: 64.495 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.20 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 75 Resp: 106116

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



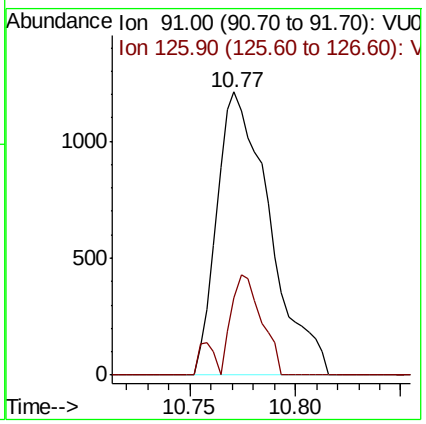


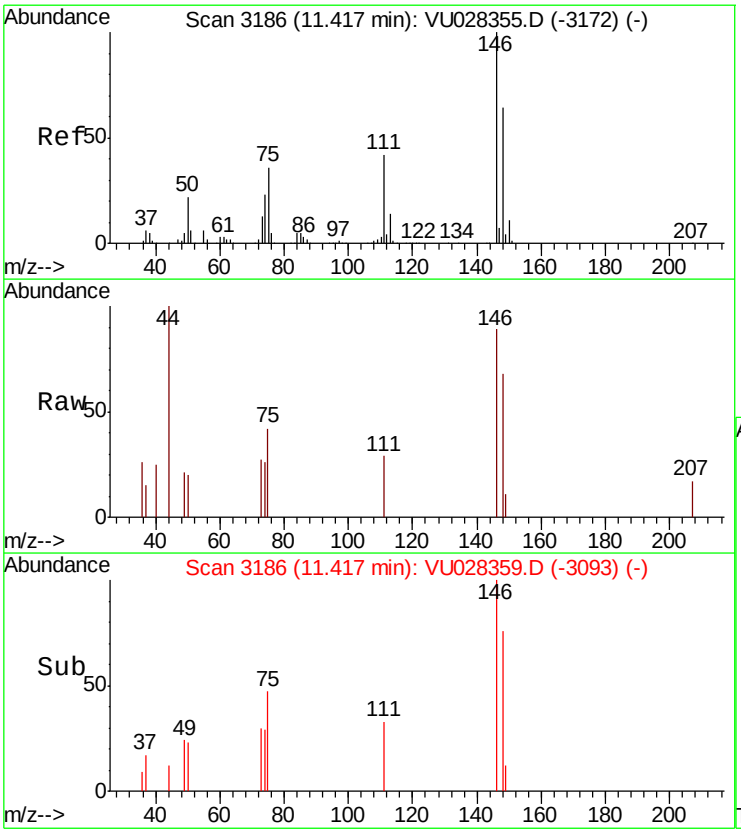
#82
4-Chlorotoluene
Concen: 0.205 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBL01

Tgt Ion: 91 Resp: 2106

Ion	Ratio	Lower	Upper
91	100		
126	20.4	13.9	41.6

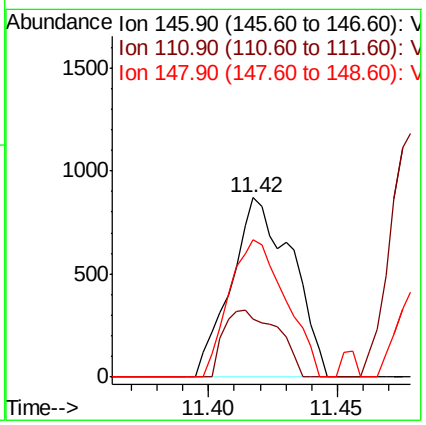


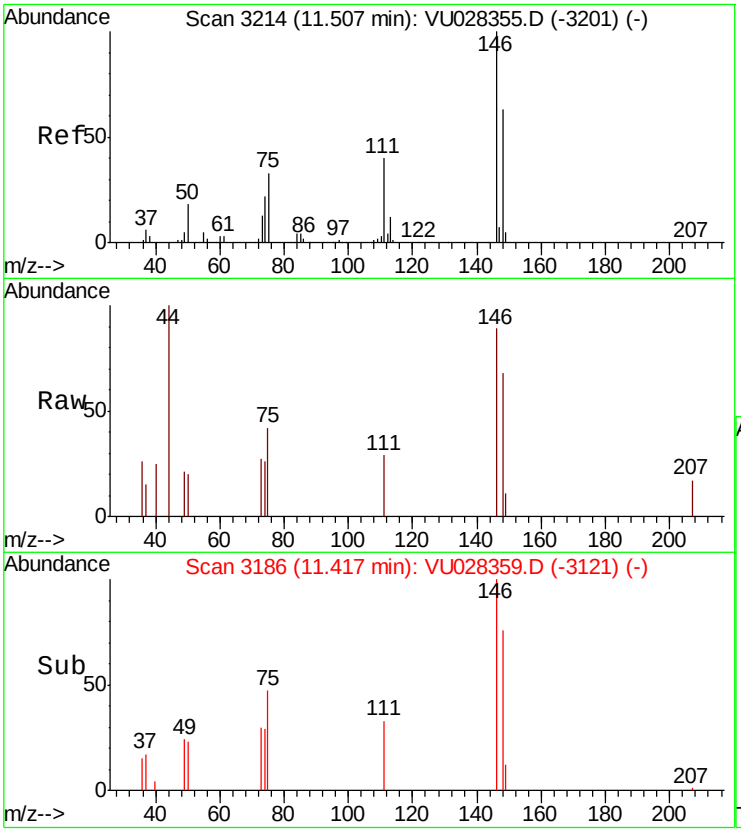


#87
1,3-Dichlorobenzene
Concen: 0.273 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion:146 Resp: 1435

Ion	Ratio	Lower	Upper
146	100		
111	33.2	20.8	62.4
148	70.5	31.8	95.3



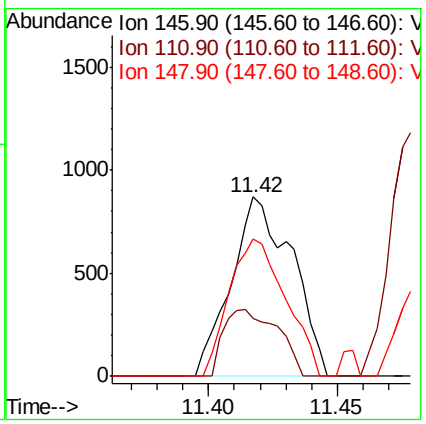


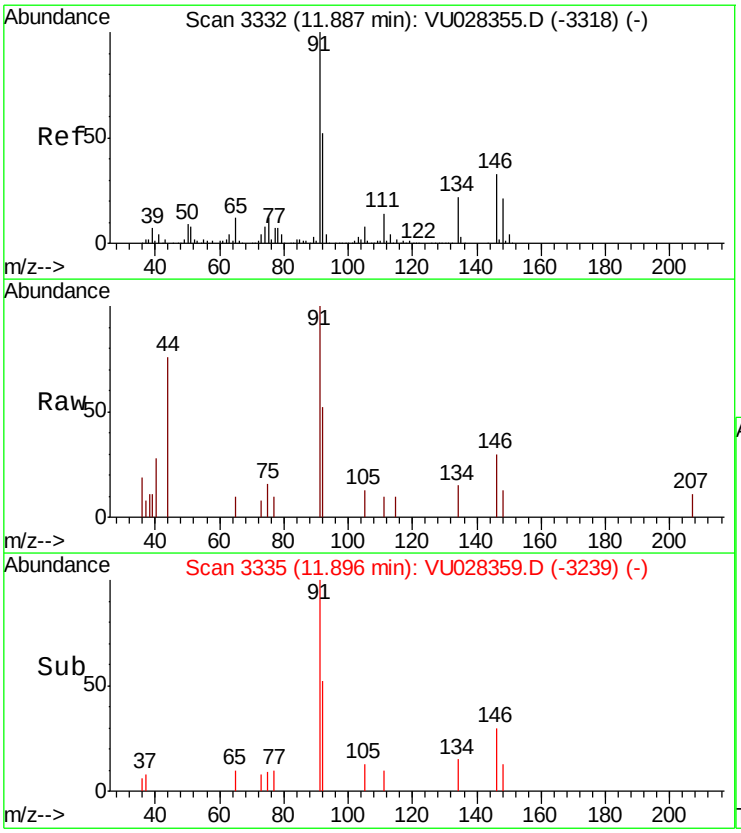
#88
1,4-Dichlorobenzene
Concen: 0.271 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. -0.09 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion:146 Resp: 1435

Ion	Ratio	Lower	Upper
146	100		
111	33.2	20.6	61.9
148	70.5	31.1	93.5

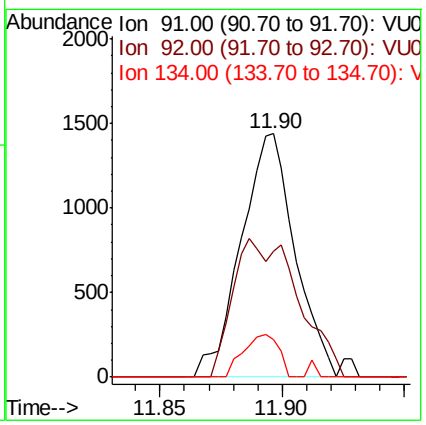


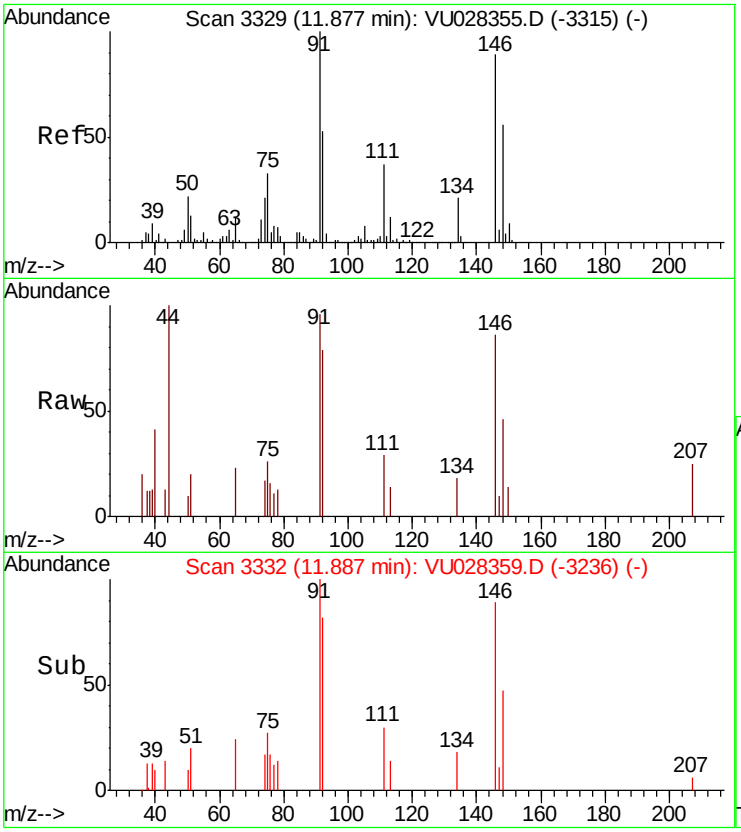


#89
n-Butylbenzene
Concen: 0.217 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 91 Resp: 2197

Ion	Ratio	Lower	Upper
91	100		
92	35.1	26.2	78.5
134	11.4	11.1	33.1



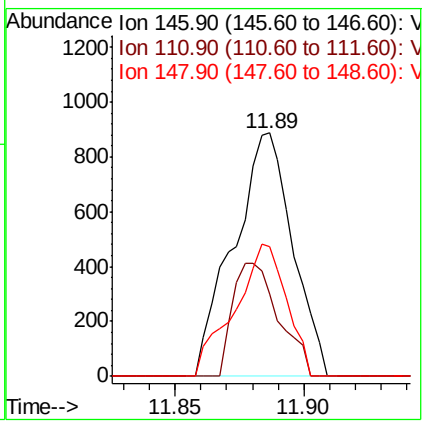


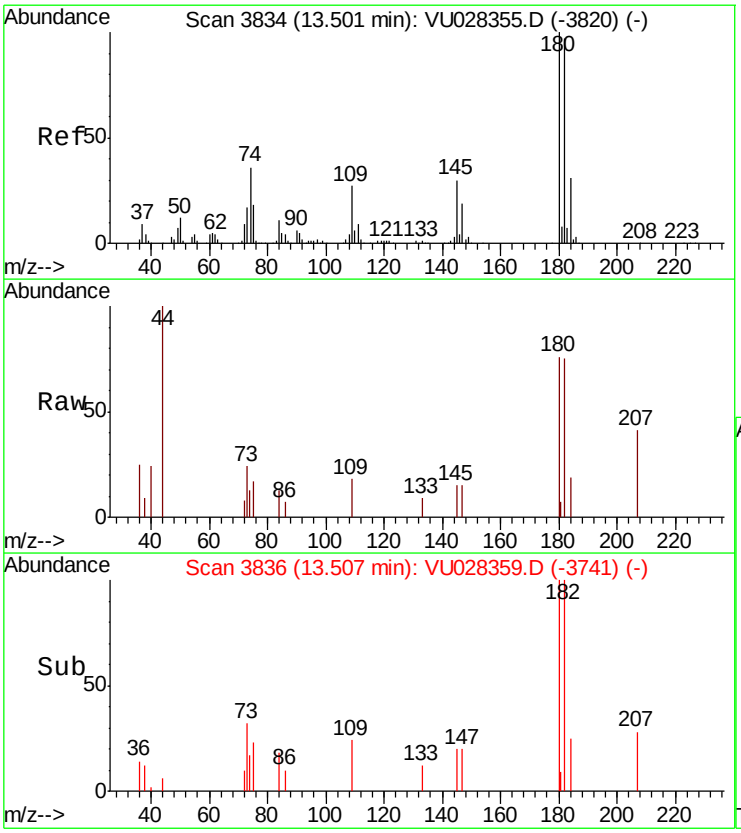
#91
1,2-Dichlorobenzene
Concen: 0.270 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.01 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion:146 Resp: 1419

Ion	Ratio	Lower	Upper
146	100		
111	36.3	21.4	64.3
148	47.9	32.2	96.6

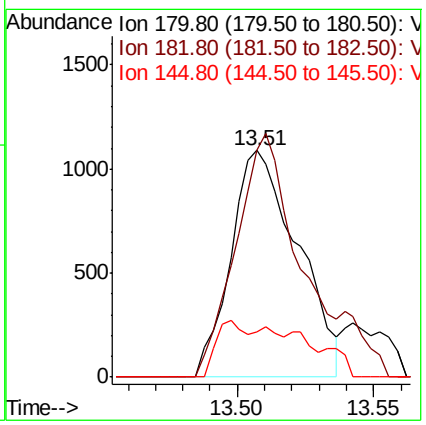


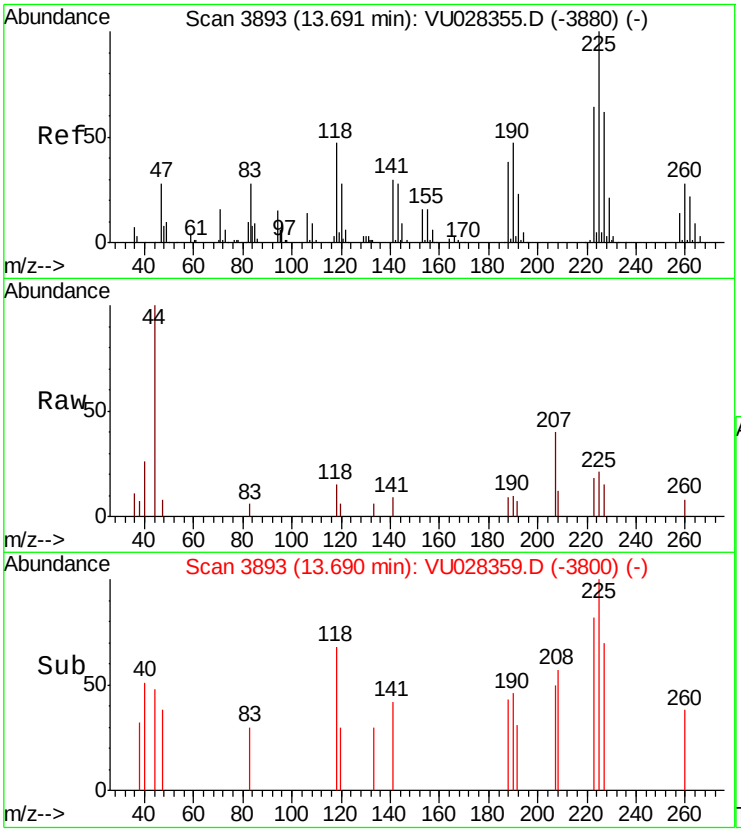


#93
1,2,4-Trichlorobenzene
Concen: 0.540 ug/l
RT: 13.51 min Scan# 3836
Delta R.T. 0.01 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion:180 Resp: 1855

Ion	Ratio	Lower	Upper
180	100		
182	109.8	48.3	144.9
145	11.5	15.2	45.5#



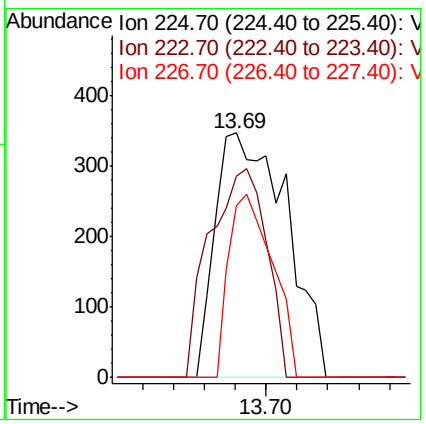


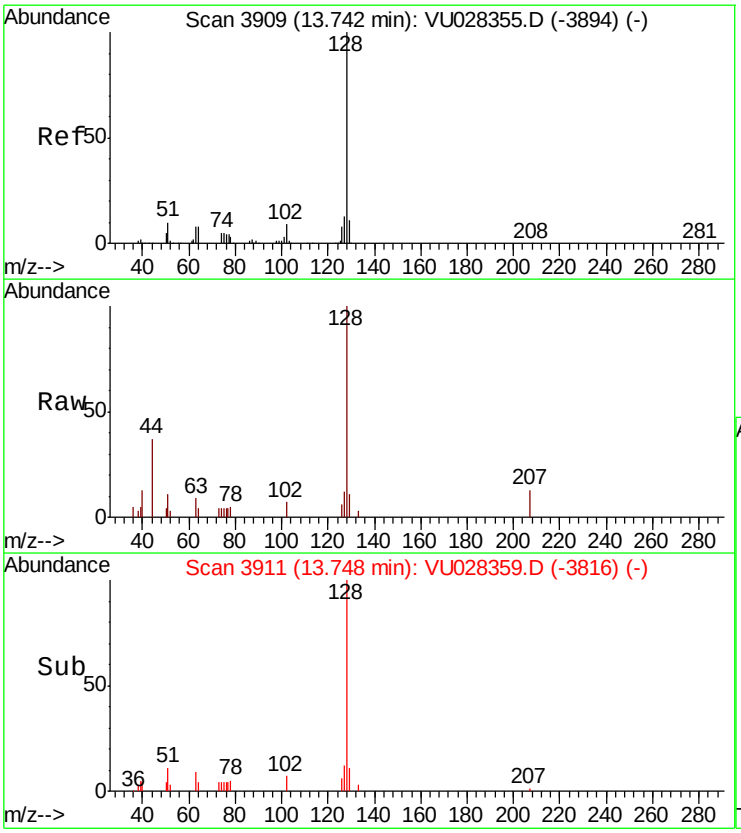
#94
Hexachlorobutadiene
Concen: 0.341 ug/l
RT: 13.69 min Scan# 3893
Delta R.T. -0.00 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument : MSVOA_U
ClientSampleId : VU1128WBL01

Tgt Ion:225 Resp: 554

Ion	Ratio	Lower	Upper
225	100		
223	68.4	31.6	94.7
227	46.0	30.8	92.4

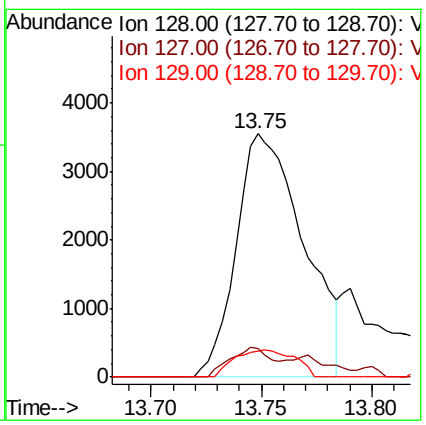


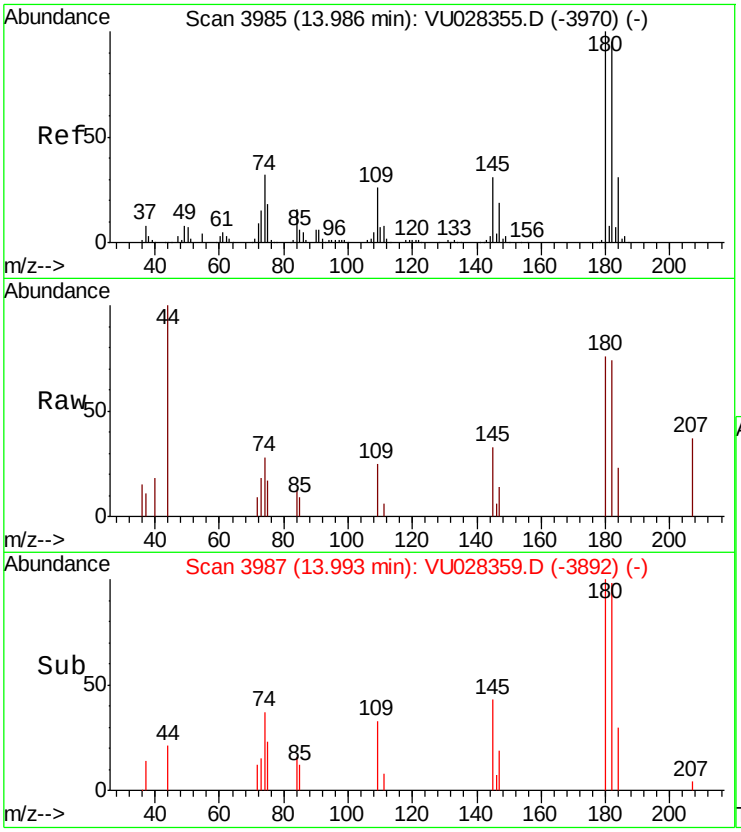


#95
Naphthalene
Concen: 3.371 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Tgt Ion:128 Resp: 7533

Ion	Ratio	Lower	Upper
128	100		
127	7.5	10.6	15.8#
129	9.9	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.644 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU028359.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBL01

Tgt Ion:180 Resp: 2240

Ion	Ratio	Lower	Upper
180	100		
182	118.0	47.7	143.1
145	38.4	15.7	47.1