Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027556.D
Acq On : 10 Oct 2018 08:36
Operator : MD/SY
Sample : VU1010WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU1010WBL02

Quant Time: Oct 11 04:01:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.98	168	125095	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.88	114	202952	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	178454	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	77482	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	92066	44.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.14%				
35) Dibromofluoromethane	4.88	113	68040	48.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.84%				
50) Toluene-d8	7.57	98	252278	48.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.92%				
62) 4-Bromofluorobenzene	10.31	95	87328	45.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.28%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	2015	0.825	ug/l		91
5) Bromomethane	1.60	94	2628	2.646	ug/l		92
10) Methyl Iodide	2.39	142	906	8.967	ug/l	#	85
11) Tert butyl alcohol	2.83	59	1415	3.217	ug/l	#	72
16) Acetone	2.34	43	753	0.610	ug/l		97
18) Methyl Acetate	2.62	43	24205	8.598	ug/l		99
29) Tetrahydrofuran	4.67	42	313	0.295	ug/l	#	39
31) Cyclohexane	4.98	56	2939	0.642	ug/l	#	1
36) 1,1-Dichloropropene	4.98	75	10722	4.866	ug/l	#	49
38) Carbon Tetrachloride	4.97	117	12377	6.218	ug/l	#	18
70) Styrene	9.82	104	81	2.317	ug/l	#	24
76) 1,2,3-Trichloropropane	10.31	75	45120	22.464	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	10.31	75	45120	58.792	ug/l	#	100
88) 1,4-Dichlorobenzene	11.51	146	575	0.227	ug/l	#	25
89) n-Butylbenzene	11.90	91	490	2.042	ug/l	#	74
93) 1,2,4-Trichlorobenzene	13.51	180	492	0.315	ug/l	#	87
95) Naphthalene	13.75	128	2626	2.093	ug/l	#	85
96) 1,2,3-Trichlorobenzene	14.00	180	659	0.406	ug/l	#	86

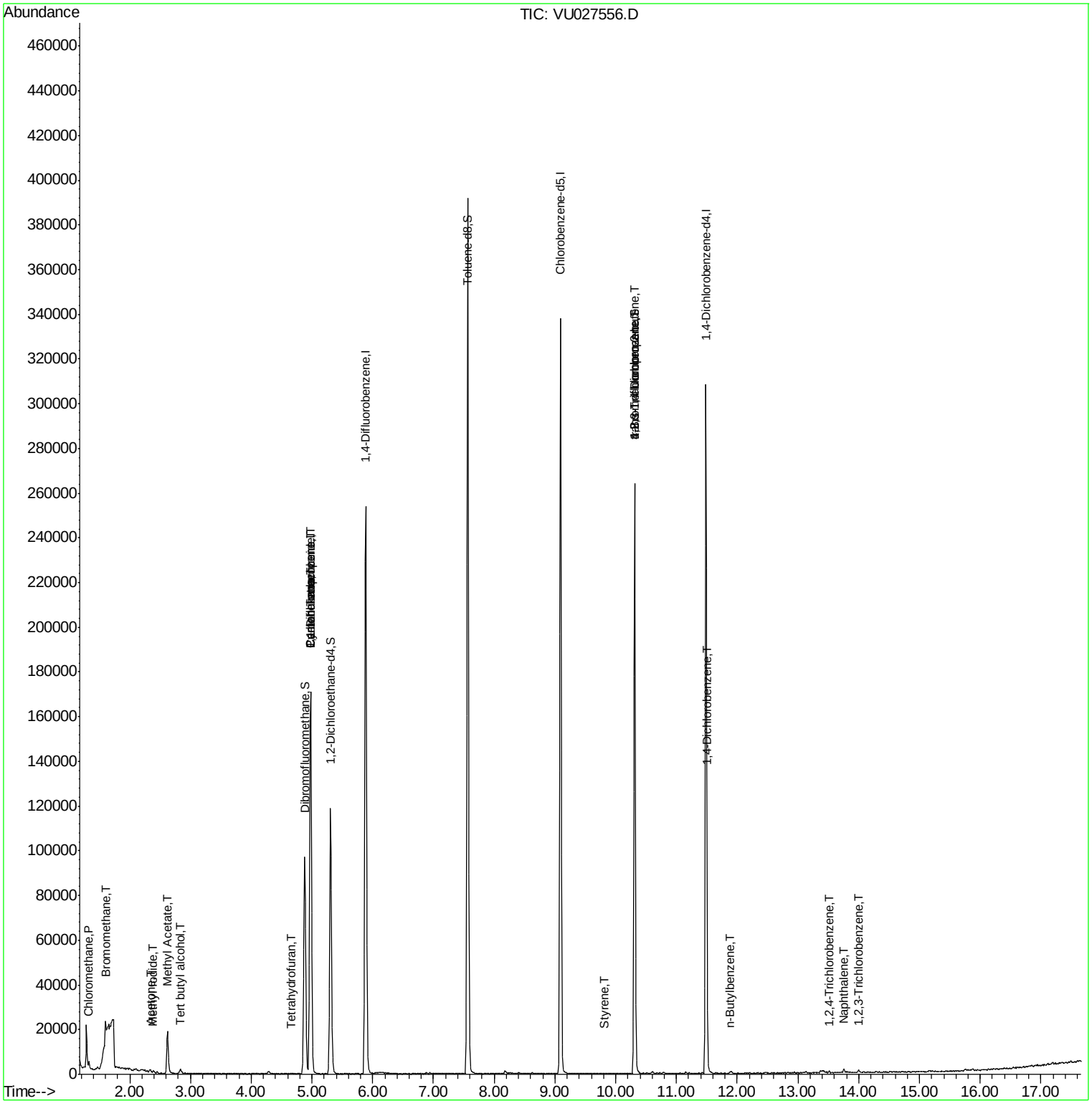
(#) = qualifier out of range (m) = manual integration (+) = signals summed

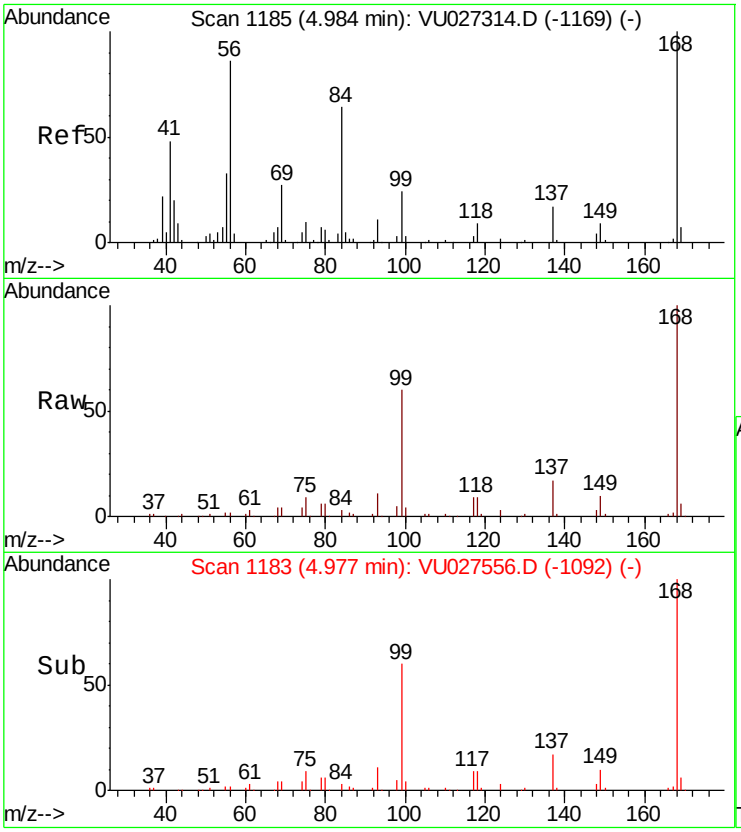
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027556.D
Acq On : 10 Oct 2018 08:36
Operator : MD/SY
Sample : VU1010WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBL02

Quant Time: Oct 11 04:01:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration



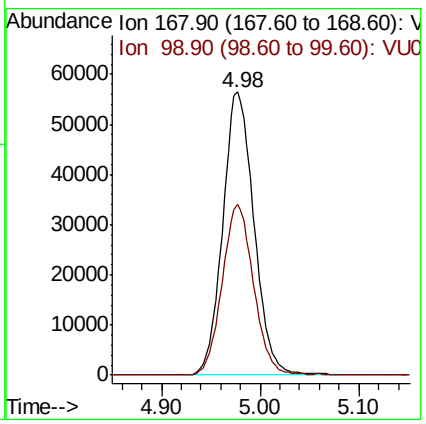


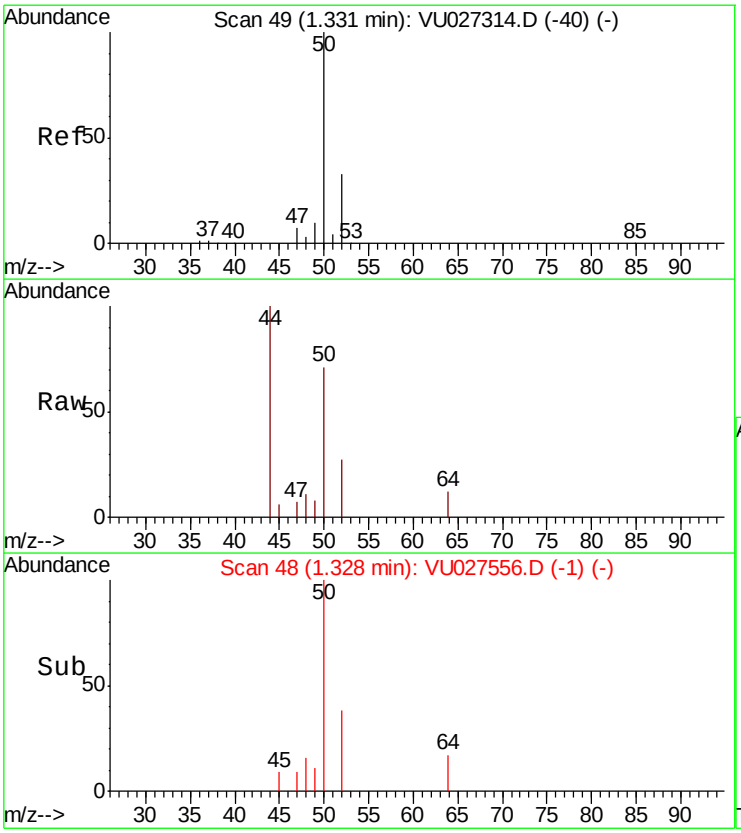
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBL02

Tgt Ion:168 Resp: 125095

Ion	Ratio	Lower	Upper
168	100		
99	60.2	50.8	76.2

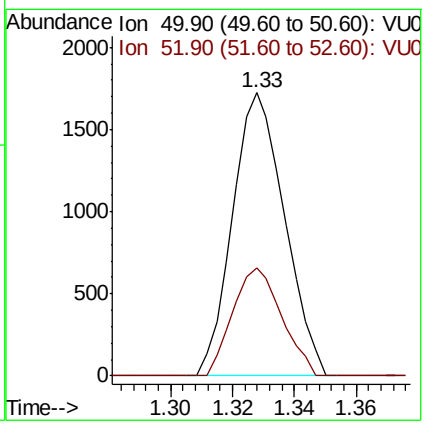


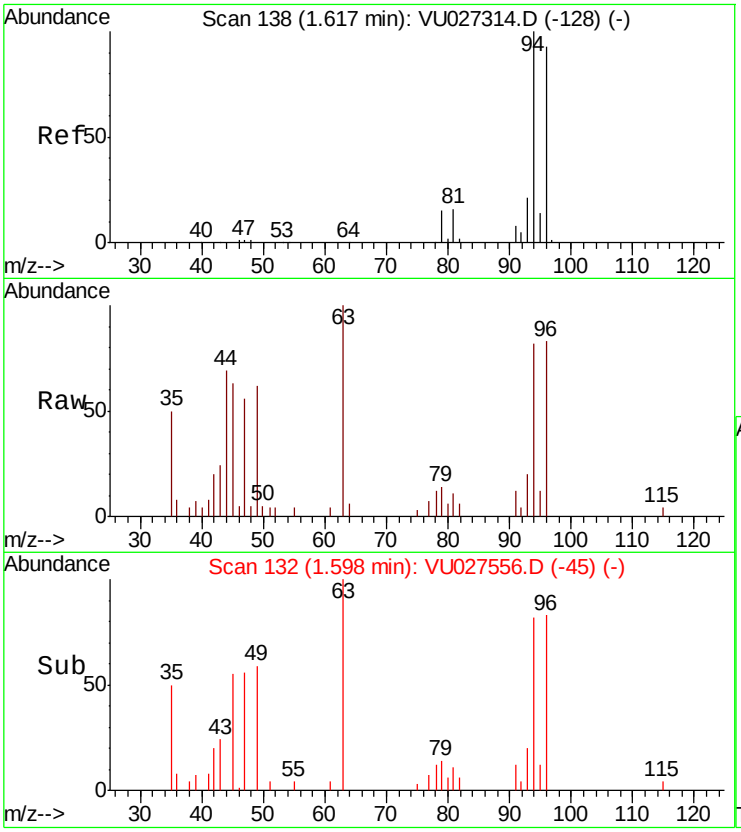


#3
Chloromethane
Concen: 0.825 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion: 50 Resp: 2015

Ion	Ratio	Lower	Upper
50	100		
52	38.2	26.5	39.7



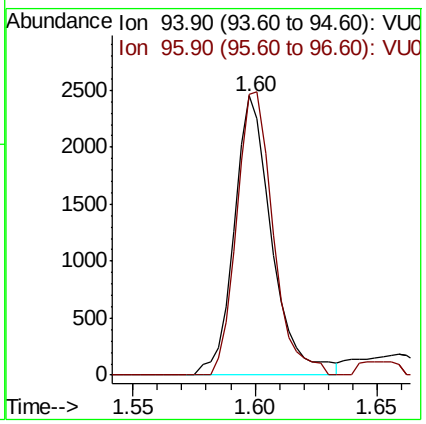


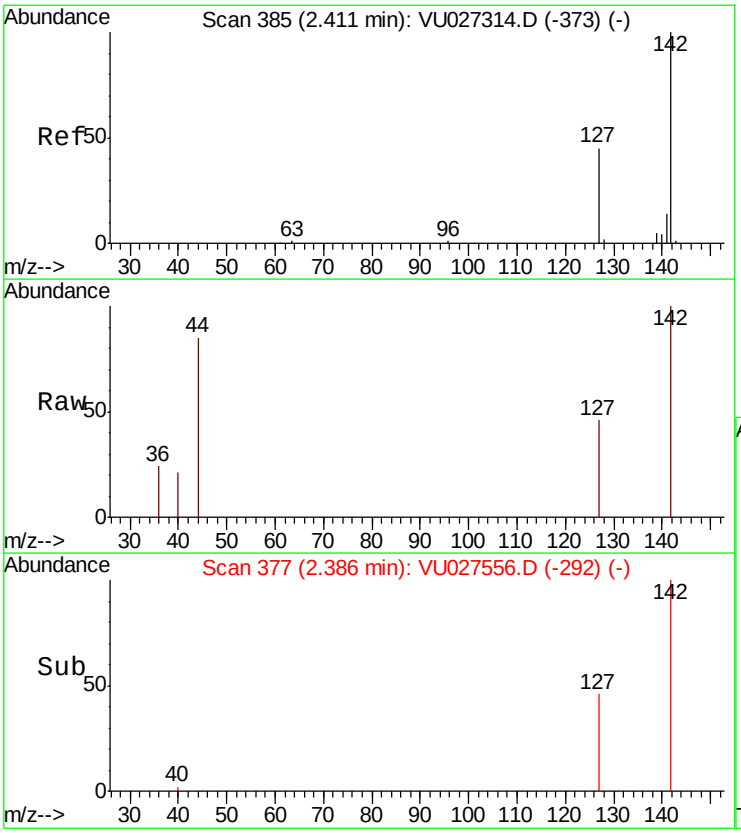
#5
Bromomethane
Concen: 2.646 ug/l
RT: 1.60 min Scan# 132
Delta R.T. -0.02 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBL02

Tgt Ion: 94 Resp: 2628

Ion	Ratio	Lower	Upper
94	100		
96	100.7	74.6	111.8

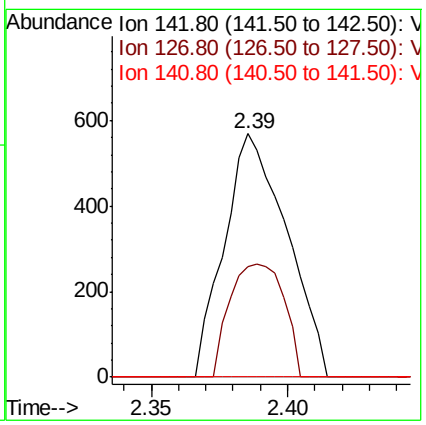


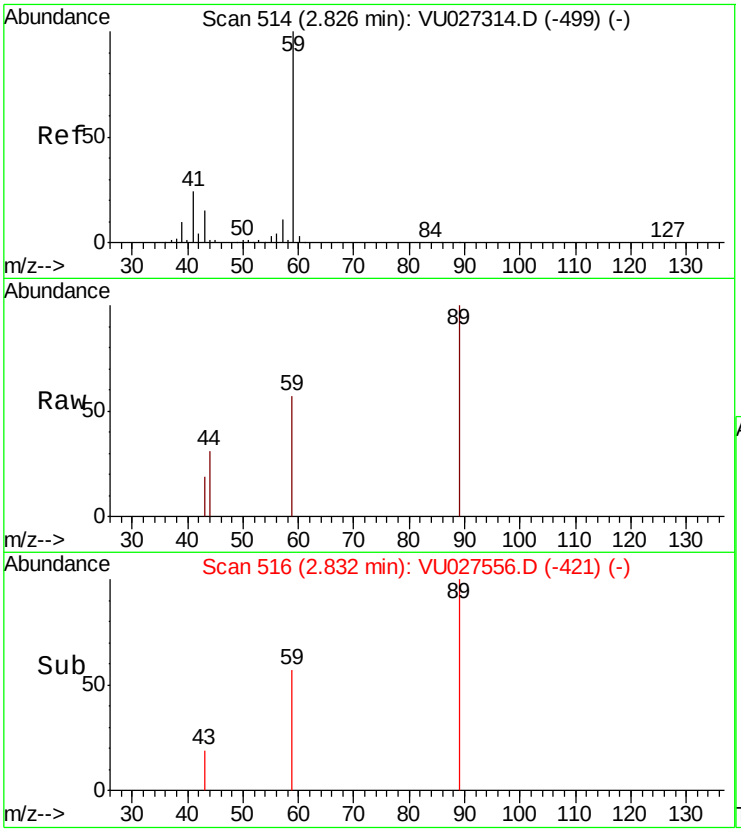


#10
Methyl Iodide
Concen: 8.967 ug/l
RT: 2.39 min Scan# 377
Delta R.T. -0.03 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion:142 Resp: 906

Ion	Ratio	Lower	Upper
142	100		
127	40.1	36.3	54.5
141	0.0	11.6	17.4#



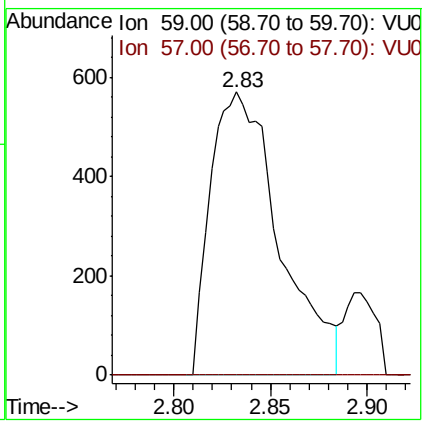


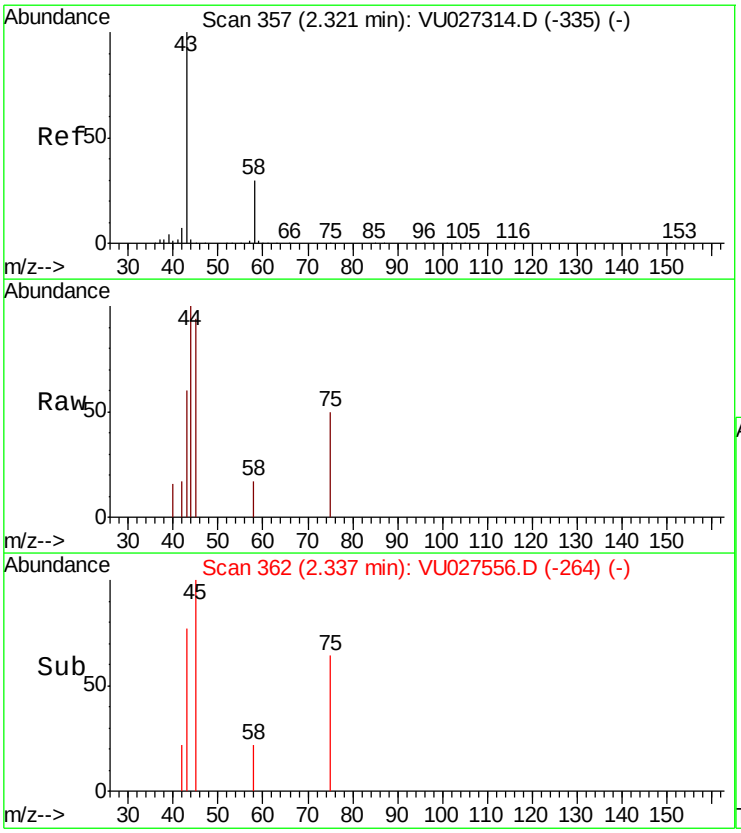
#11
Tert butyl alcohol
Concen: 3.217 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBL02

Tgt Ion: 59 Resp: 1415

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

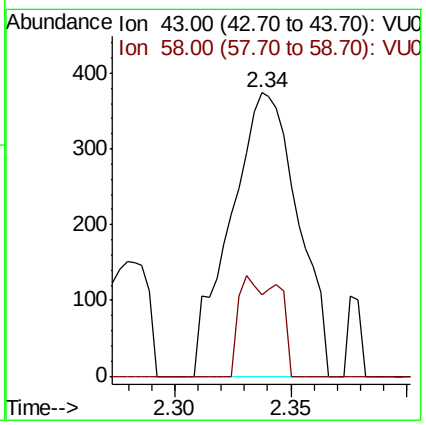


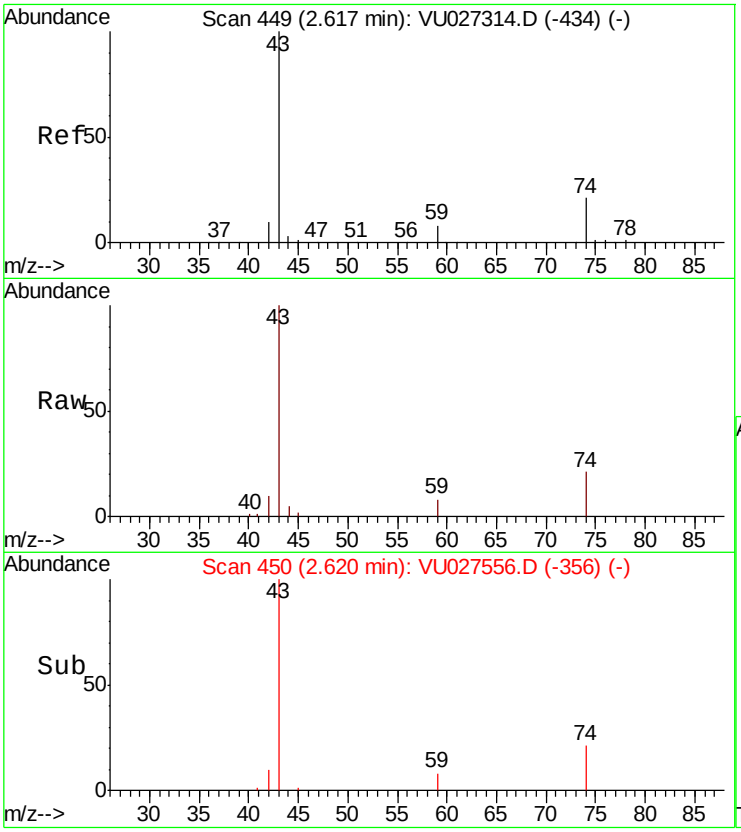


#16
Acetone
Concen: 0.610 ug/l
RT: 2.34 min Scan# 362
Delta R.T. 0.02 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion: 43 Resp: 753

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.2	36.4



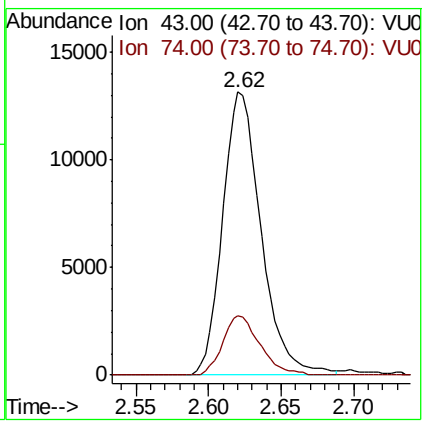


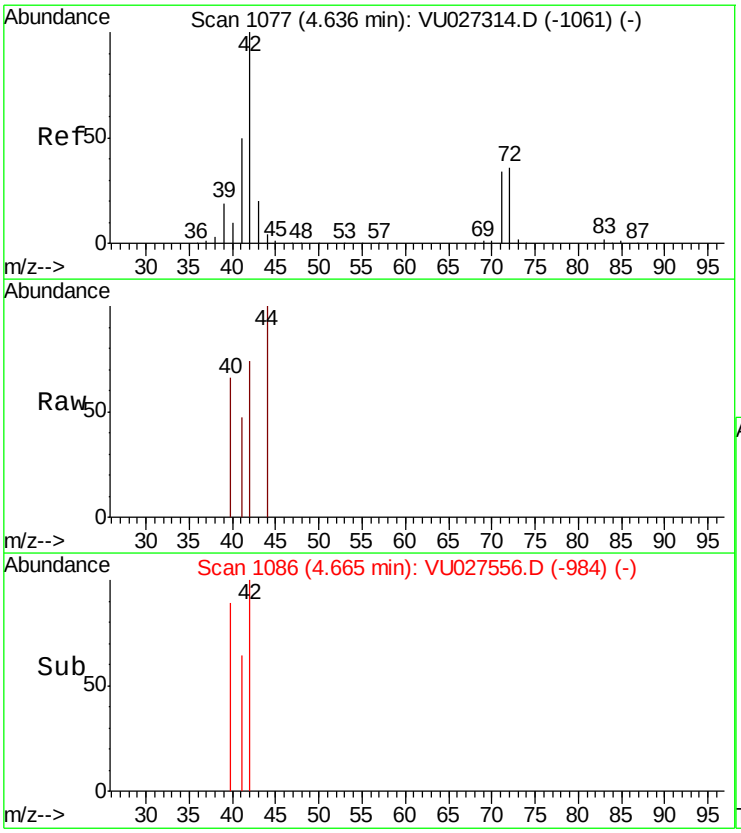
#18
Methyl Acetate
Concen: 8.598 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument : MSVOA_U
ClientSampleId : VU1010WBL02

Tgt Ion: 43 Resp: 24205

Ion	Ratio	Lower	Upper
43	100		
74	20.1	16.5	24.7

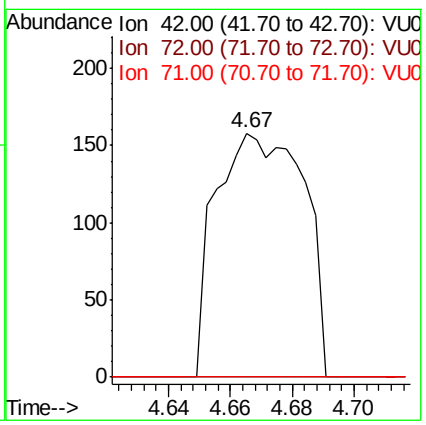


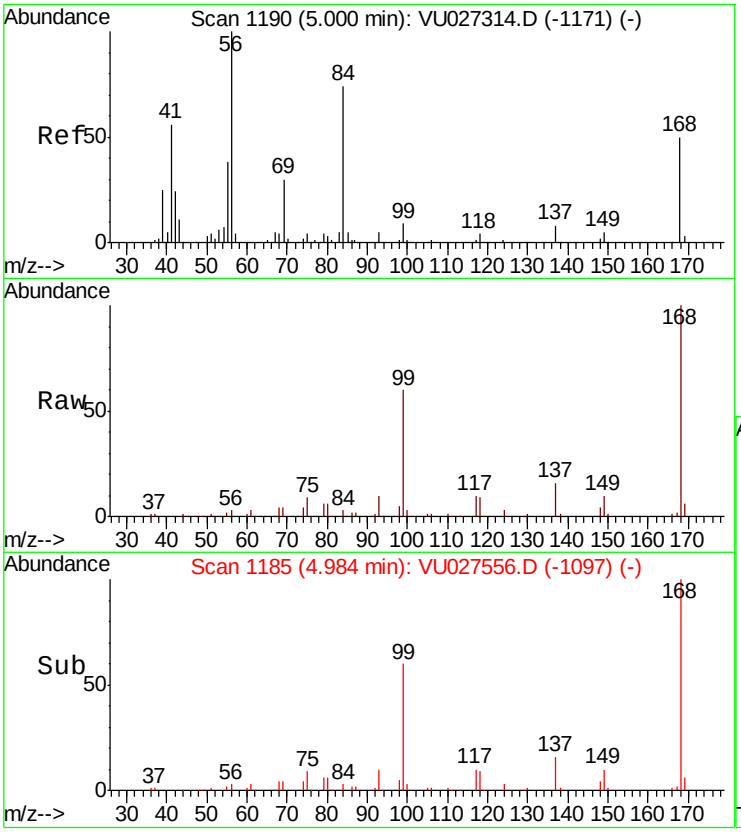


#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.03 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion: 42 Resp: 313

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.1	45.1#
71	0.0	27.7	41.5#



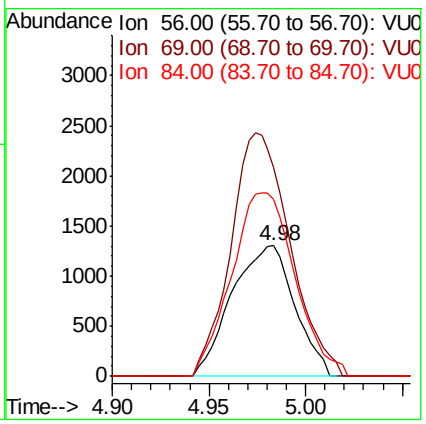


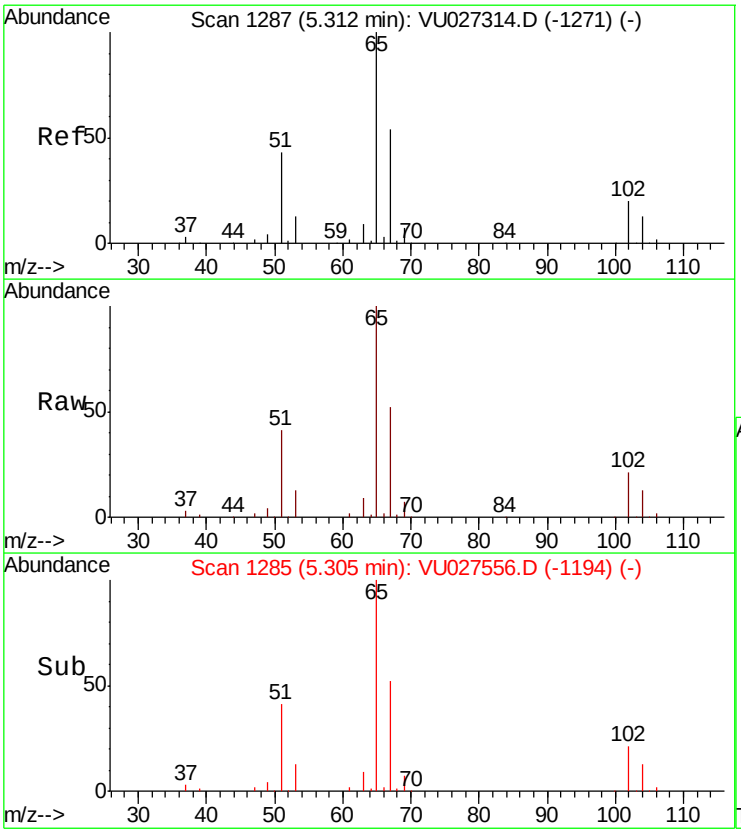
#31
Cyclohexane
Concen: 0.642 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument : MSVOA_U
ClientSampleId : VU1010WBL02

Tgt Ion: 56 Resp: 2939

Ion	Ratio	Lower	Upper
56	100		
69	159.9	24.1	36.1#
84	136.0	59.1	88.7#

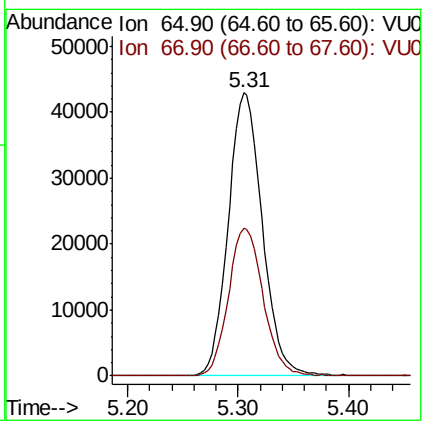


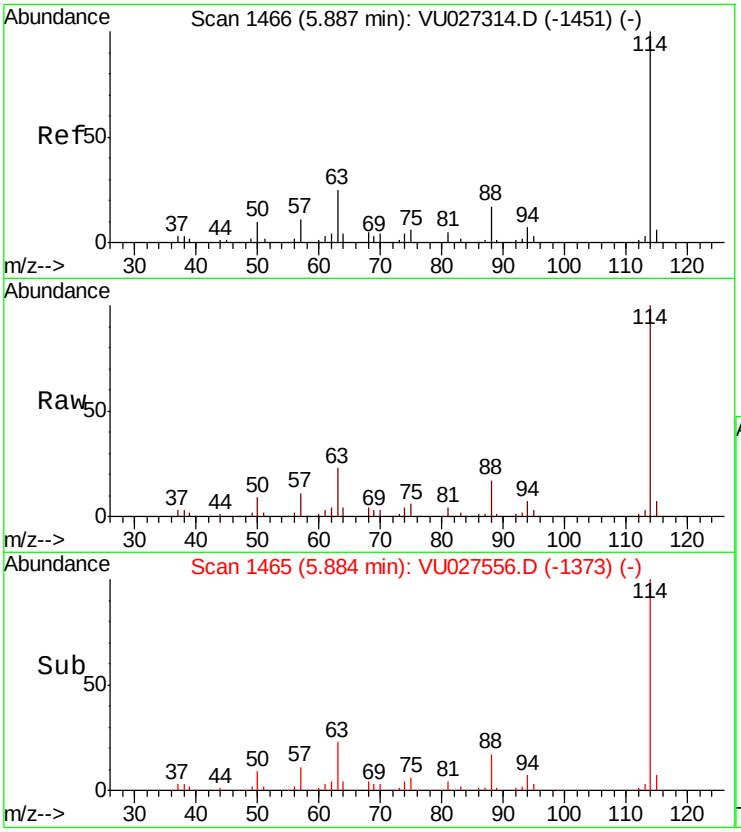


#33
1,2-Dichloroethane-d4
Concen: 44.075 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. -0.01 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion: 65 Resp: 92066

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8



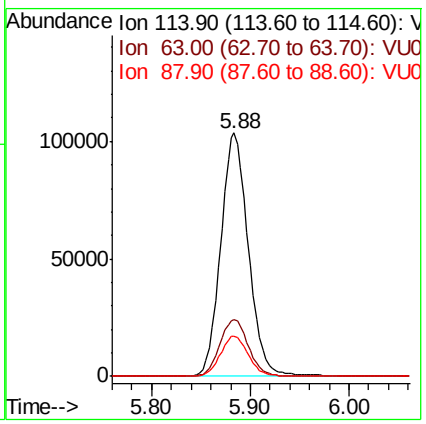


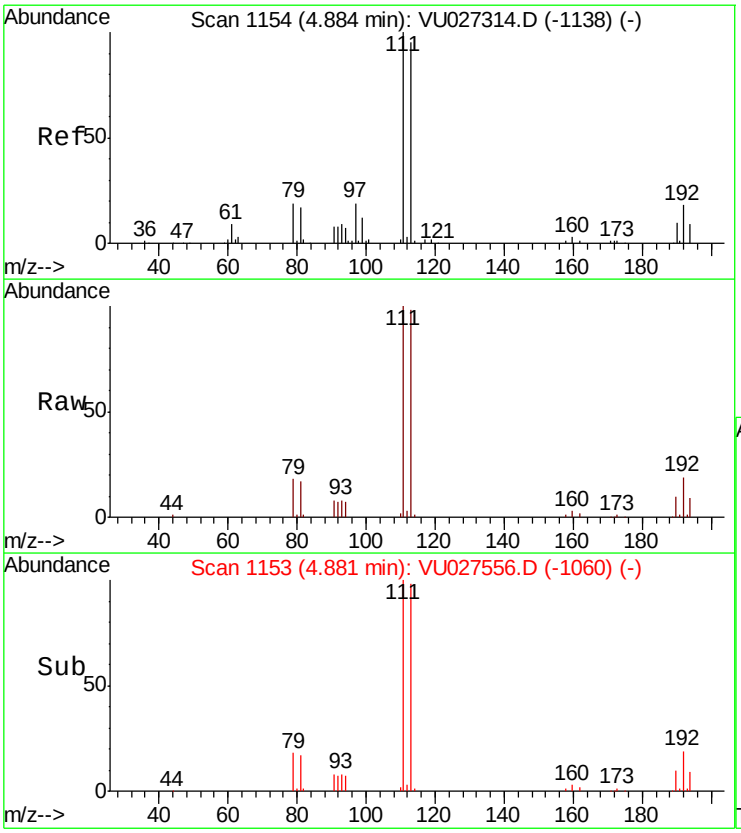
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBL02

Tgt Ion:114 Resp: 202952

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	50.2
88	16.7	0.0	33.8

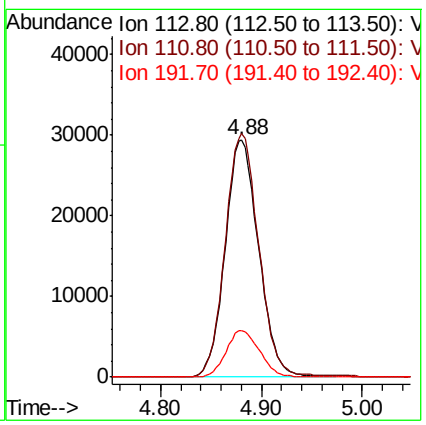


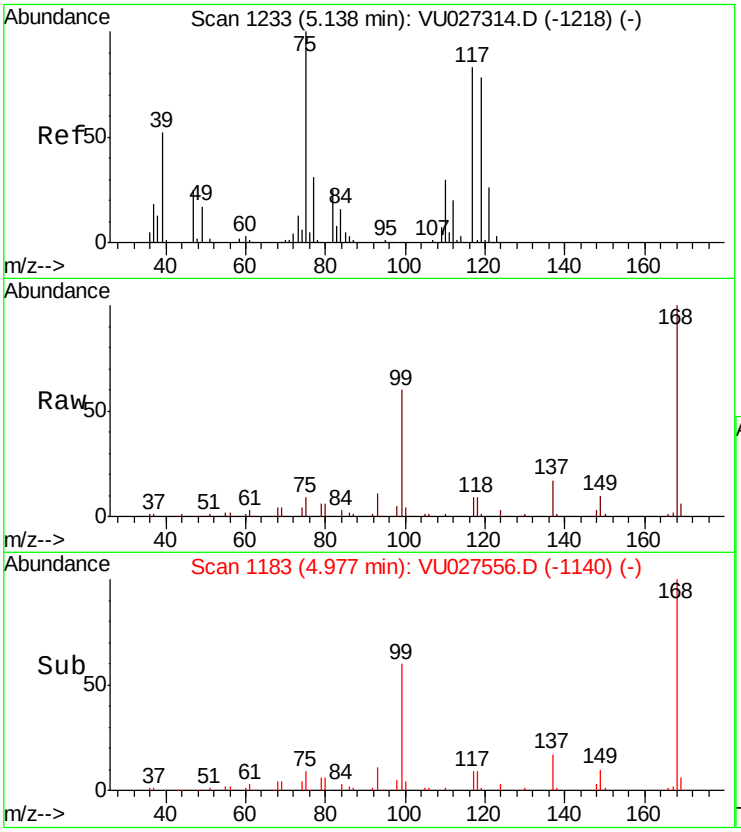


#35
Dibromofluoromethane
Concen: 48.918 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion:113 Resp: 68040

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	19.6	15.4	23.0



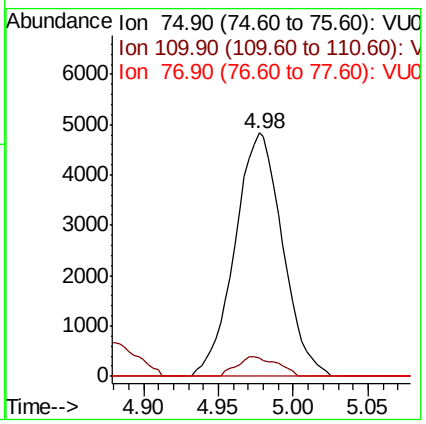


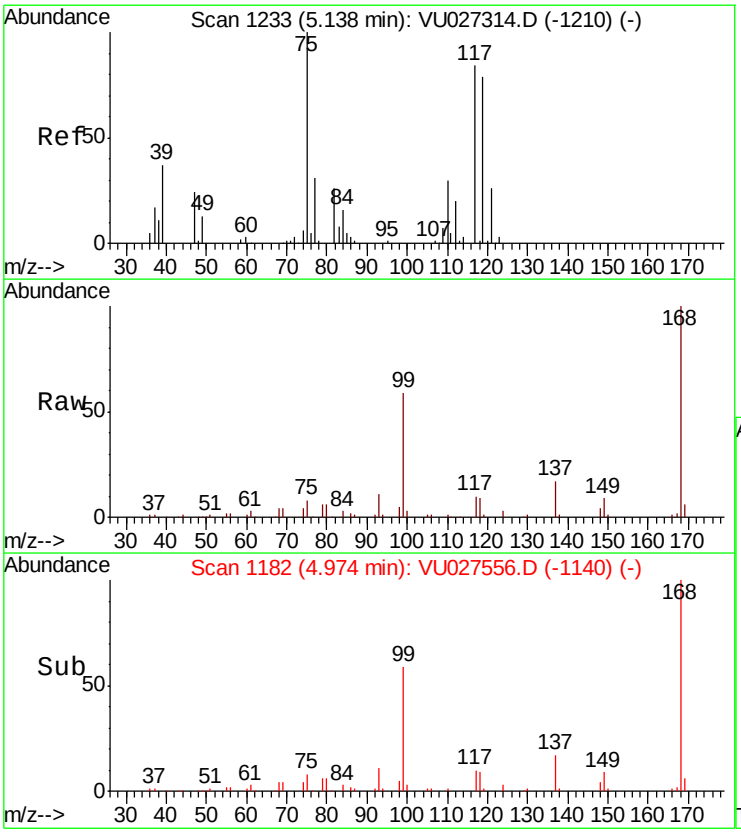
#36
1,1-Dichloropropene
Concen: 4.866 ug/l
RT: 4.98 min Scan# 1183
Delta R.T. -0.16 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument : MSVOA_U
ClientSampleId : VU1010WBL02

Tgt Ion: 75 Resp: 10722

Ion	Ratio	Lower	Upper
75	100		
110	6.9	15.5	46.5#
77	0.0	25.4	38.0#

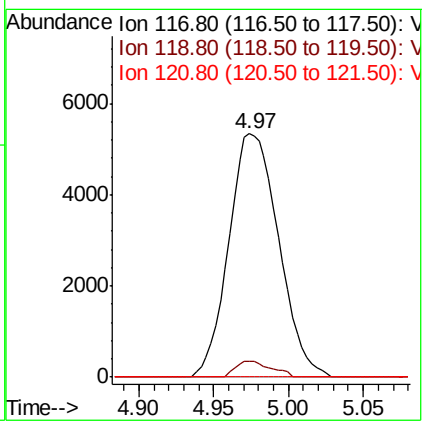


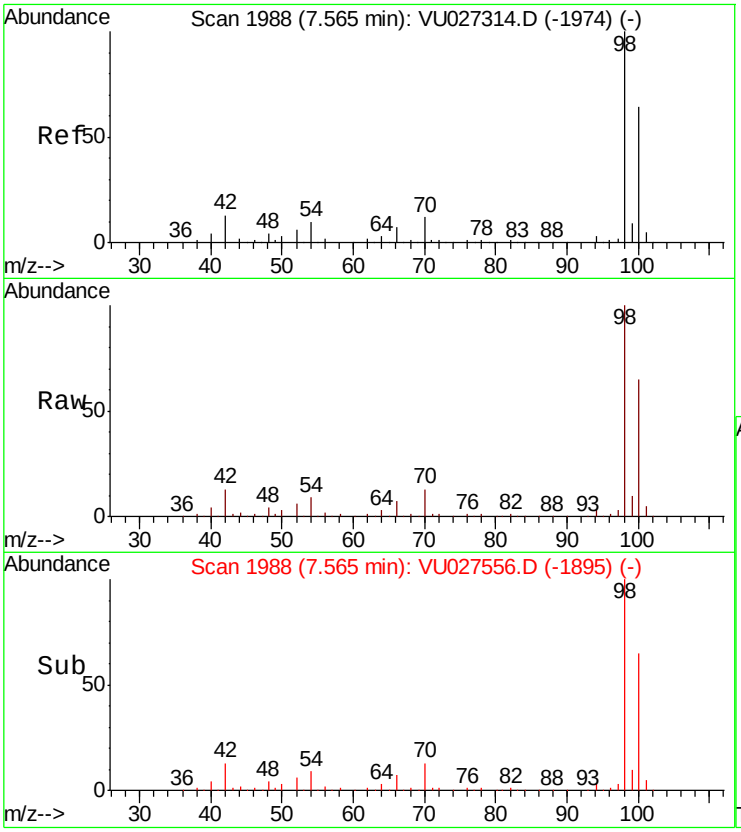


#38
Carbon Tetrachloride
Concen: 6.218 ug/l
RT: 4.97 min Scan# 1182
Delta R.T. -0.16 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion:117 Resp: 12377

Ion	Ratio	Lower	Upper
117	100		
119	6.6	74.5	111.7#
121	0.0	24.6	37.0#



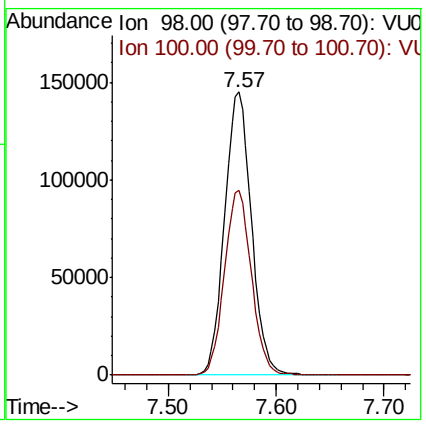


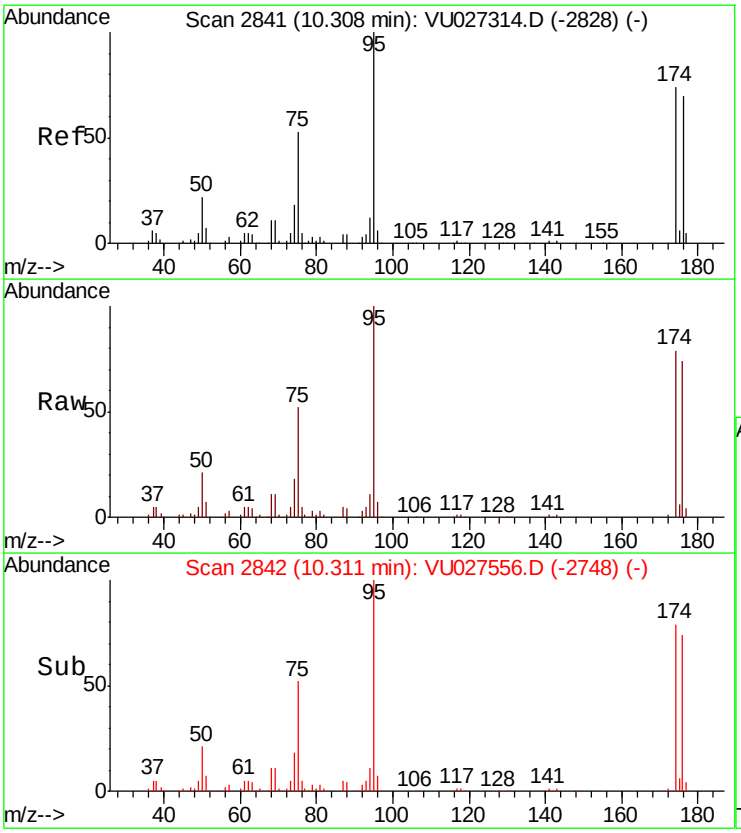
#50
Toluene-d8
Concen: 48.462 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBL02

Tgt Ion: 98 Resp: 252278

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.1	78.1

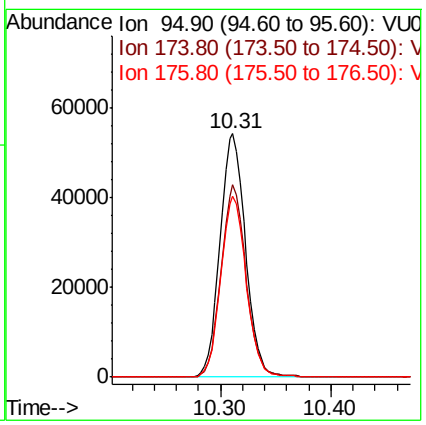


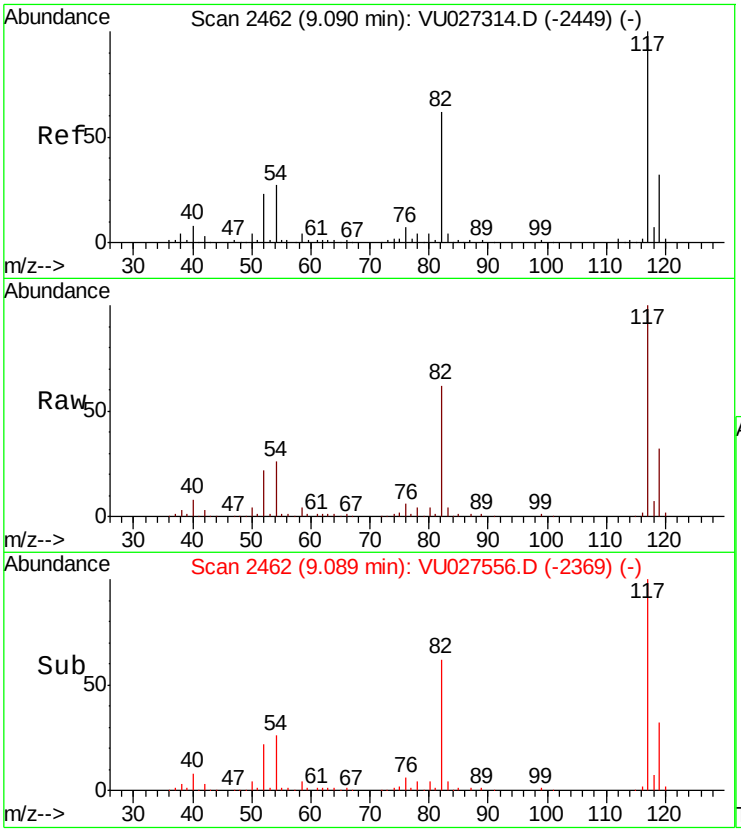


#62
4-Bromofluorobenzene
Concen: 45.139 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion: 95 Resp: 87328

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	147.8
176	74.0	0.0	140.8



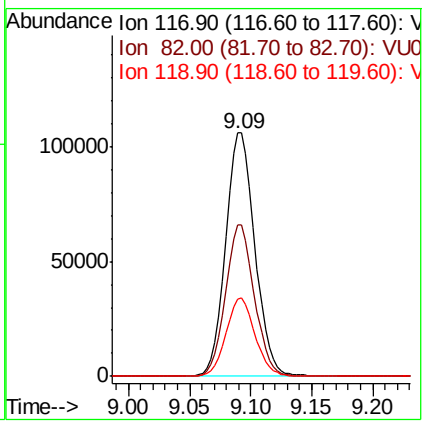


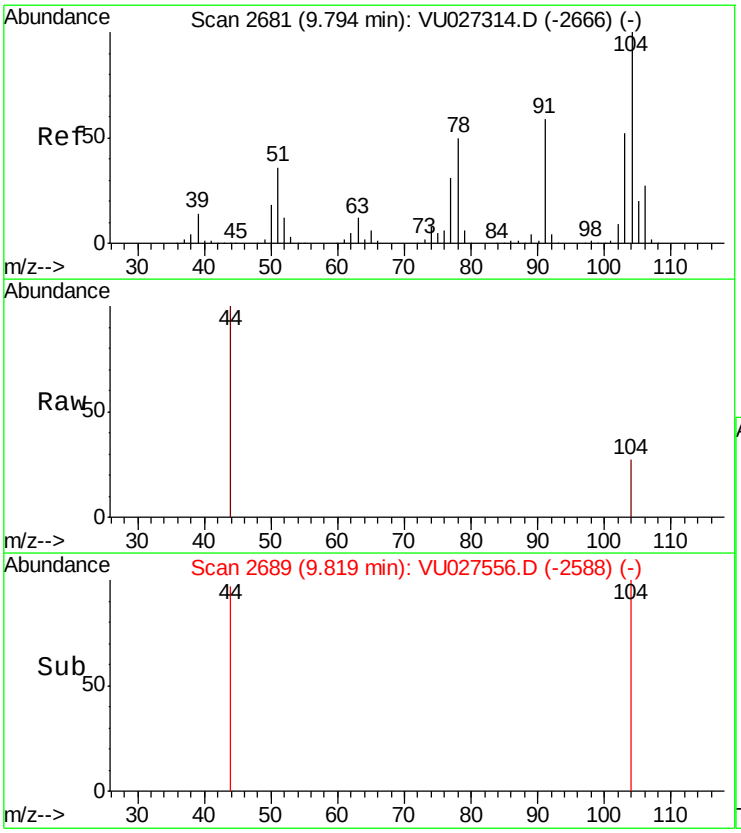
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument : MSVOA_U
ClientSampleId : VU1010WBL02

Tgt Ion:117 Resp: 178454

Ion	Ratio	Lower	Upper
117	100		
82	62.1	49.2	73.8
119	31.9	25.7	38.5

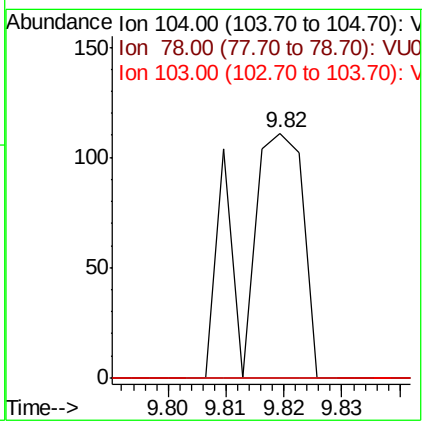


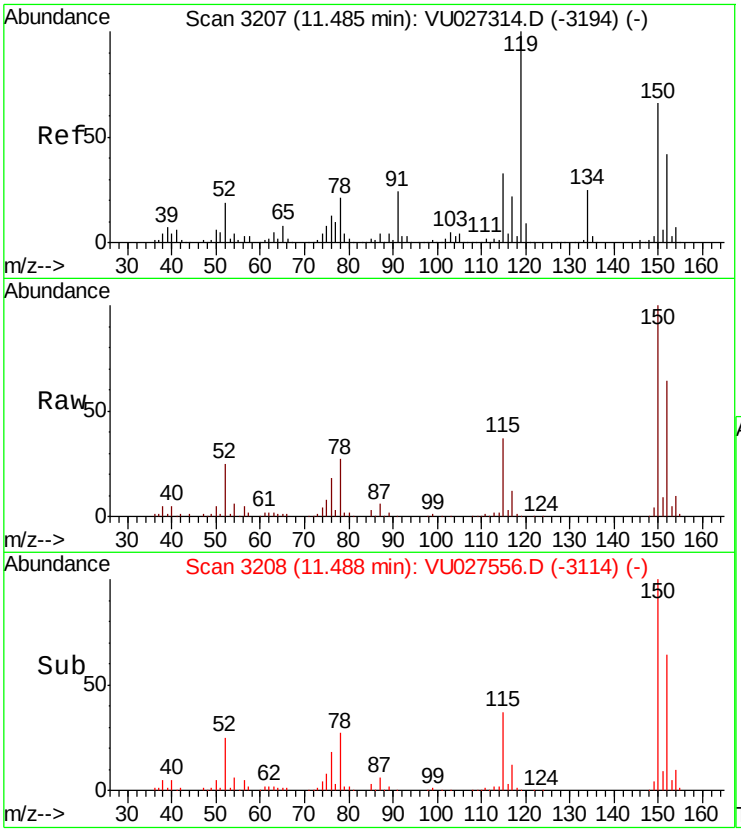


#70
Styrene
Concen: 2.317 ug/l
RT: 9.82 min Scan# 2689
Delta R.T. 0.03 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion:104 Resp: 81

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.9	64.3#
103	0.0	43.9	65.9#



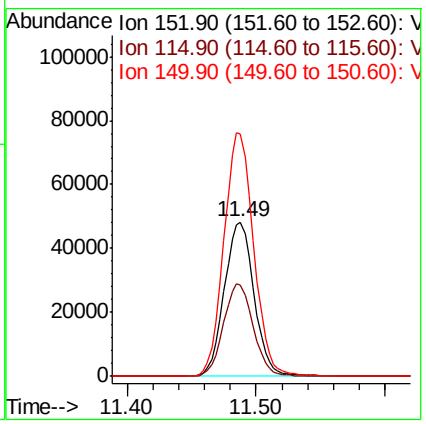


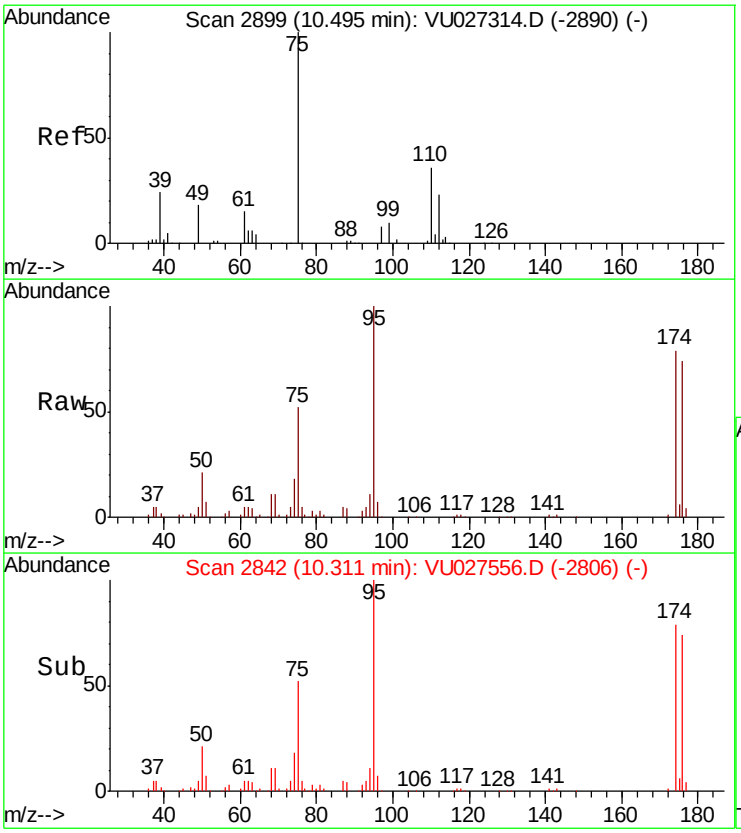
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3208
Delta R.T. 0.00 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument : MSVOA_U
ClientSampleId : VU1010WBL02

Tgt Ion:152 Resp: 77482

Ion	Ratio	Lower	Upper
152	100		
115	59.5	43.4	130.2
150	157.5	0.0	349.2

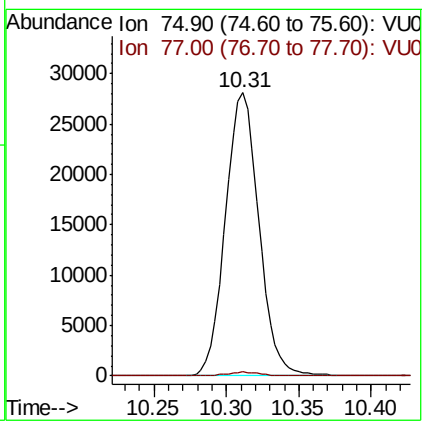


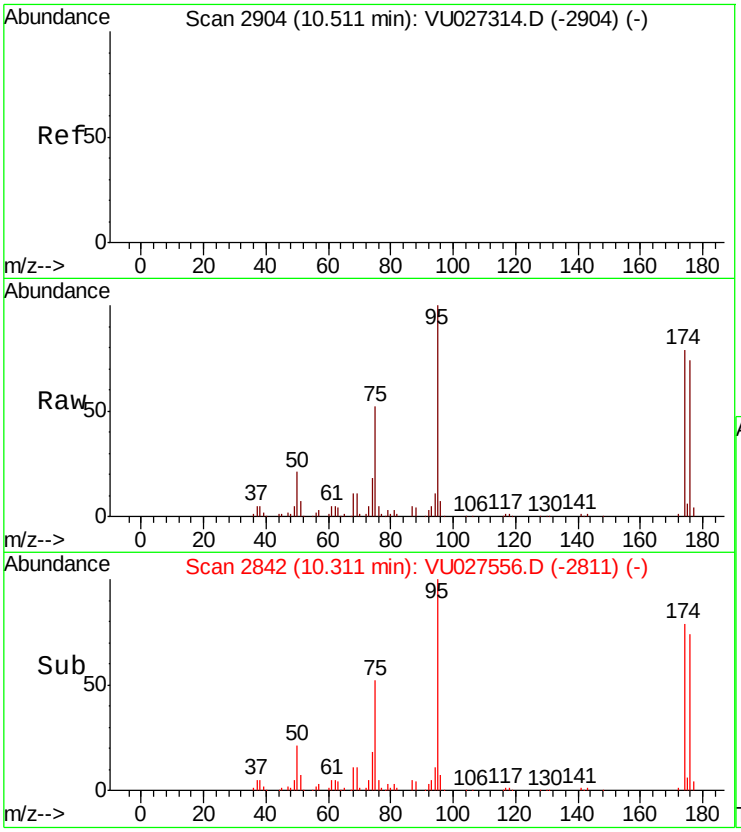


#76
1,2,3-Trichloropropane
Concen: 22.464 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. -0.18 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion: 75 Resp: 45120

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.3	60.9#



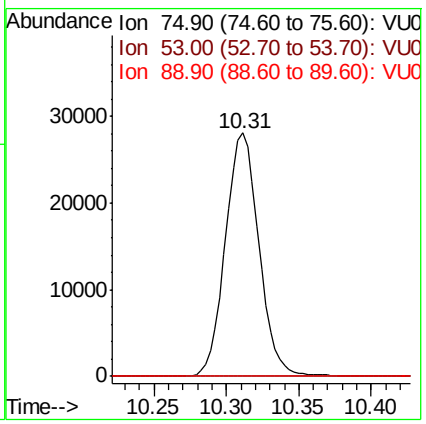


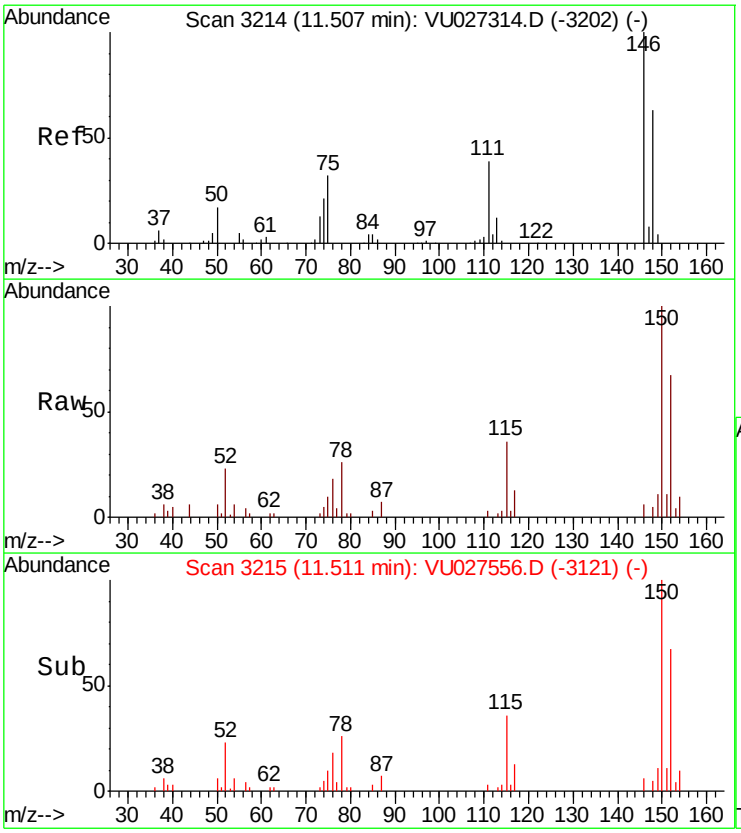
#81
trans-1,4-Dichloro-2-butene
Concen: 58.792 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. -0.20 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument : MSVOA_U
ClientSampleId : VU1010WBL02

Tgt Ion: 75 Resp: 45120

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

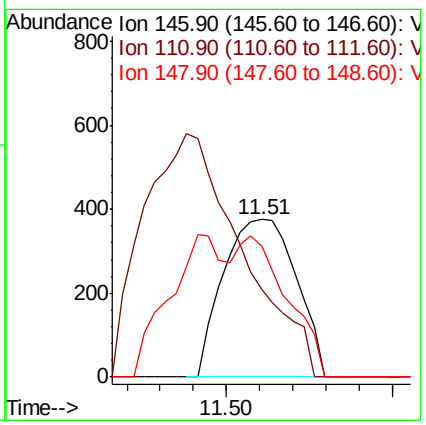


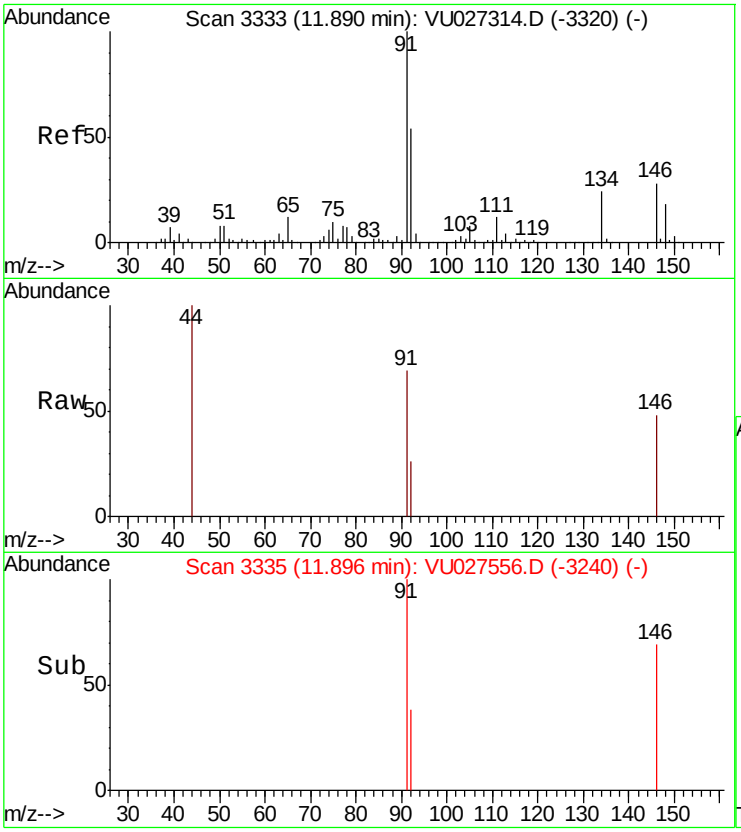


#88
1,4-Dichlorobenzene
Concen: 0.227 ug/l
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion:146 Resp: 575

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.4	61.2#
148	0.0	31.9	95.5#



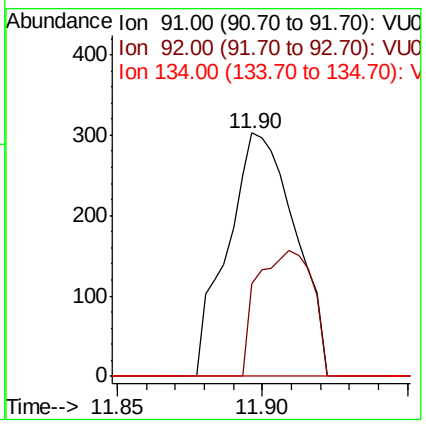


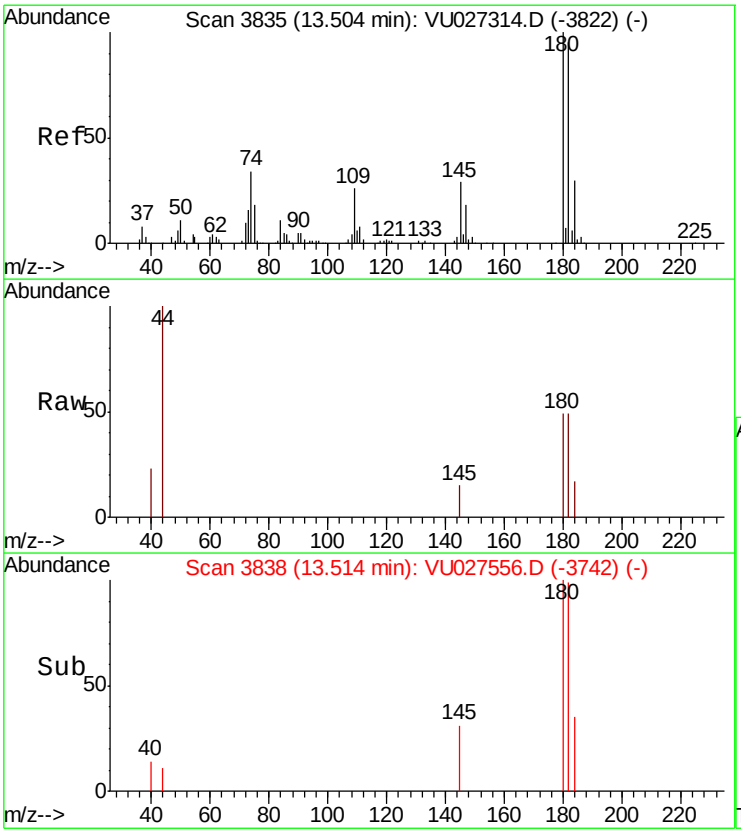
#89
n-Butylbenzene
Concen: 2.042 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument : MSVOA_U
ClientSampleId : VU1010WBL02

Tgt Ion: 91 Resp: 490

Ion	Ratio	Lower	Upper
91	100		
92	42.0	27.0	81.0
134	0.0	11.7	35.1#

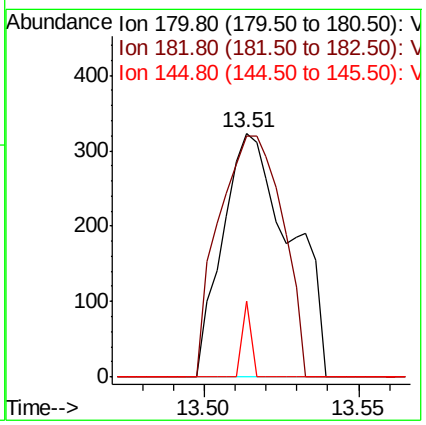


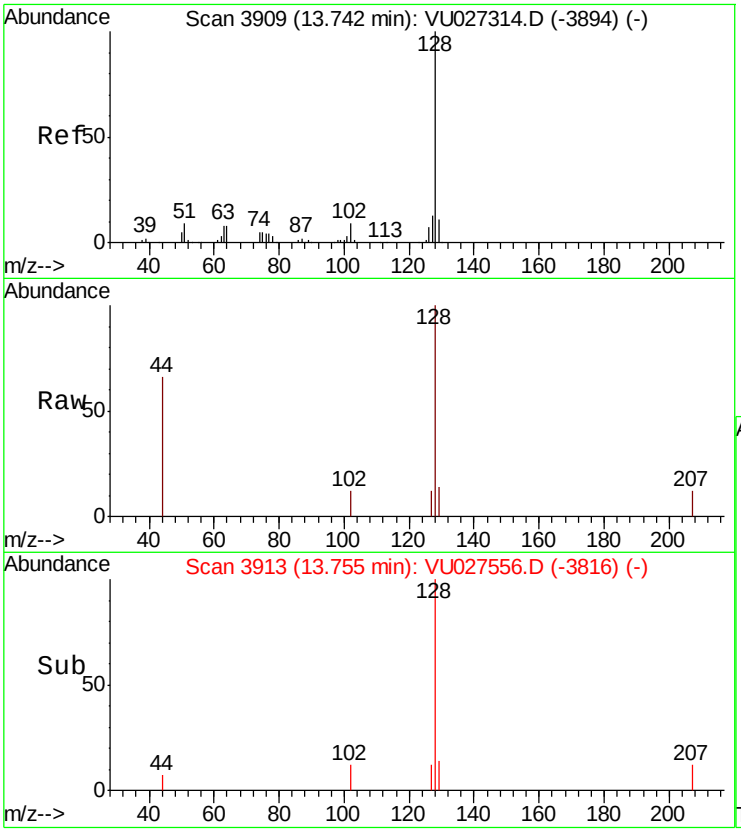


#93
1,2,4-Trichlorobenzene
Concen: 0.315 ug/l
RT: 13.51 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion:180 Resp: 492

Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.4	142.3
145	3.9	14.6	44.0#



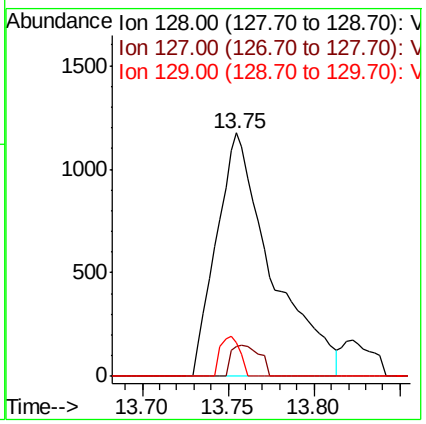


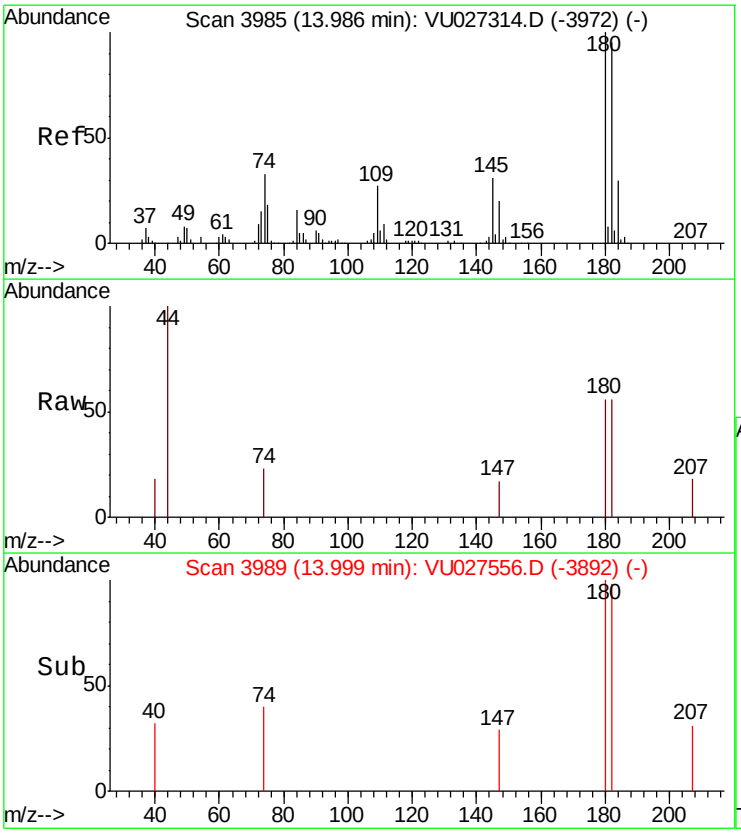
#95
Naphthalene
Concen: 2.093 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Instrument : MSVOA_U
ClientSampleId : VU1010WBL02

Tgt Ion:128 Resp: 2626

Ion	Ratio	Lower	Upper
128	100		
127	6.7	10.5	15.7#
129	5.8	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.406 ug/l
RT: 14.00 min Scan# 3989
Delta R.T. 0.01 min
Lab File: VU027556.D
Acq: 10 Oct 2018 08:36

Tgt Ion:180 Resp: 659

Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.4	142.2
145	9.3	15.9	47.7#