Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027566.D
Acq On : 10 Oct 2018 13:40
Operator : MD/SY
Sample : J5165-23DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-BDL

Quant Time: Oct 11 04:03:47 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	4.99	168	150313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	248315	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	215886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	95540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	110010	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.66%			
35) Dibromofluoromethane	4.88	113	79869	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.86%			
50) Toluene-d8	7.57	98	309746	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.26%			
62) 4-Bromofluorobenzene	10.31	95	104988	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.70%			
Target Compounds						Qvalue
6) Chloroethane	1.62	64	392	0.237	ug/l #	44
11) Tert butyl alcohol	2.84	59	461	0.872	ug/l #	72
13) Acrolein	2.20	56	168	0.379	ug/l #	14
16) Acetone	2.32	43	13235	8.926	ug/l	98
18) Methyl Acetate	2.63	43	753	0.223	ug/l #	67
20) Methylene Chloride	2.70	84	541	0.262	ug/l	85
25) 2-Butanone	4.28	43	3782	1.870	ug/l #	90
31) Cyclohexane	4.98	56	3519	0.639	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	12442	4.615	ug/l #	51
38) Carbon Tetrachloride	4.98	117	14546	5.973	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	1564	0.445	ug/l #	1
55) 1,1,2-Trichloroethane	8.05	97	476	0.258	ug/l #	13
56) Ethyl methacrylate	7.92	69	423	2.386	ug/l #	1
67) Ethyl Benzene	9.25	91	18176	2.258	ug/l	100
68) m/p-Xylenes	9.38	106	11740	3.986	ug/l	99
73) Isopropylbenzene	10.17	105	75148	10.830	ug/l	99
74) N-amyl acetate	10.05	43	1681	0.423	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	53401	21.562	ug/l #	37
78) n-propylbenzene	10.59	91	144677	17.352	ug/l	100
79) 2-Chlorotoluene	10.68	91	5476	1.088	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	94472	16.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	53401	56.430	ug/l #	100
82) 4-Chlorotoluene	10.77	91	10243	1.793	ug/l #	48
83) tert-Butylbenzene	11.10	119	8479	1.553	ug/l	86
84) 1,2,4-Trimethylbenzene	11.15	105	467615	81.032	ug/l	99
85) sec-Butylbenzene	11.32	105	40806	5.930	ug/l	99
86) p-Isopropyltoluene	11.48	119	15107	2.564	ug/l	97
89) n-Butylbenzene	11.89	91	27394	6.160	ug/l #	51
90) Hexachloroethane	12.14	117	2983	2.686	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.65	75	147	0.243	ug/l #	7
95) Naphthalene	13.74	128	50798	8.459	ug/l	98

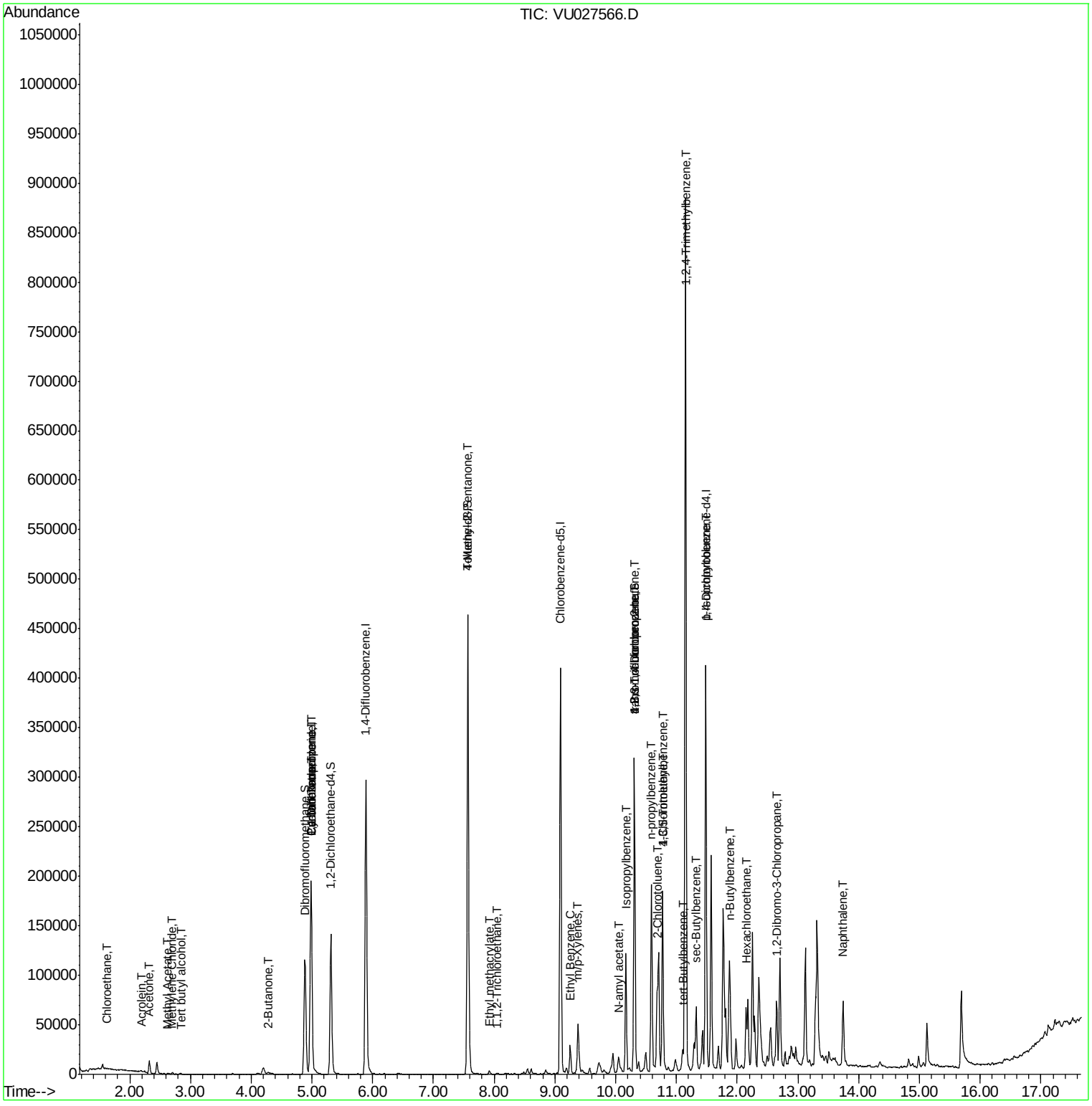
(#) = qualifier out of range (m) = manual integration (+) = signals summed

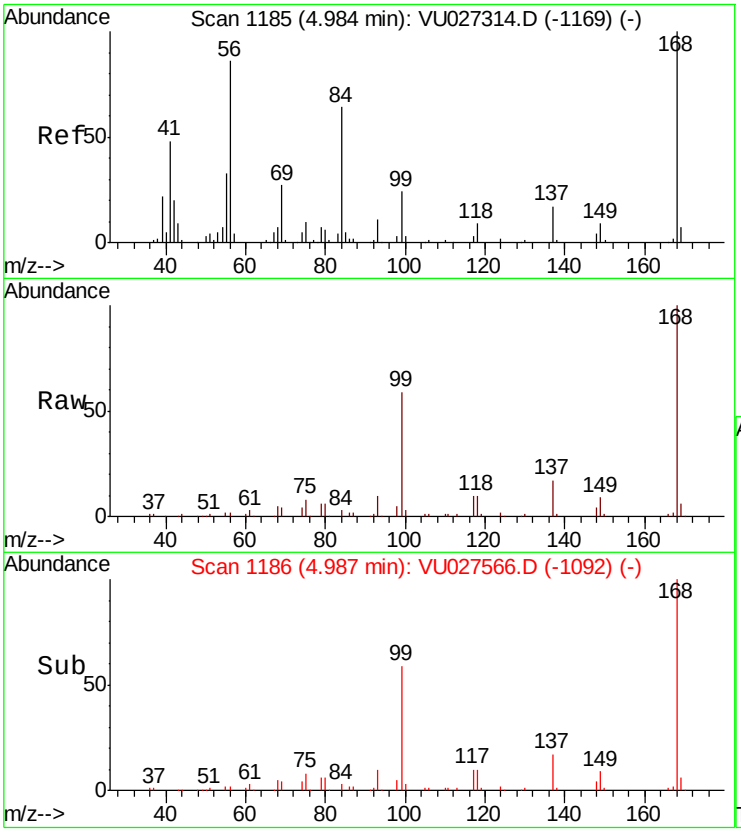
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027566.D
Acq On : 10 Oct 2018 13:40
Operator : MD/SY
Sample : J5165-23DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Quant Time: Oct 11 04:03:47 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



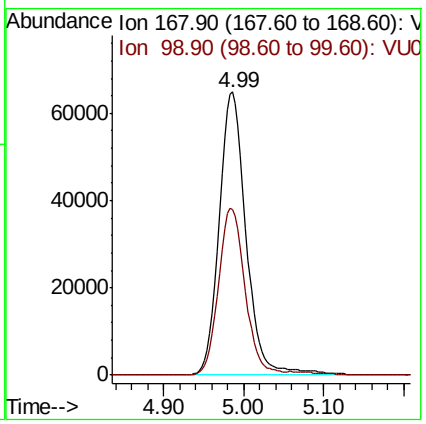


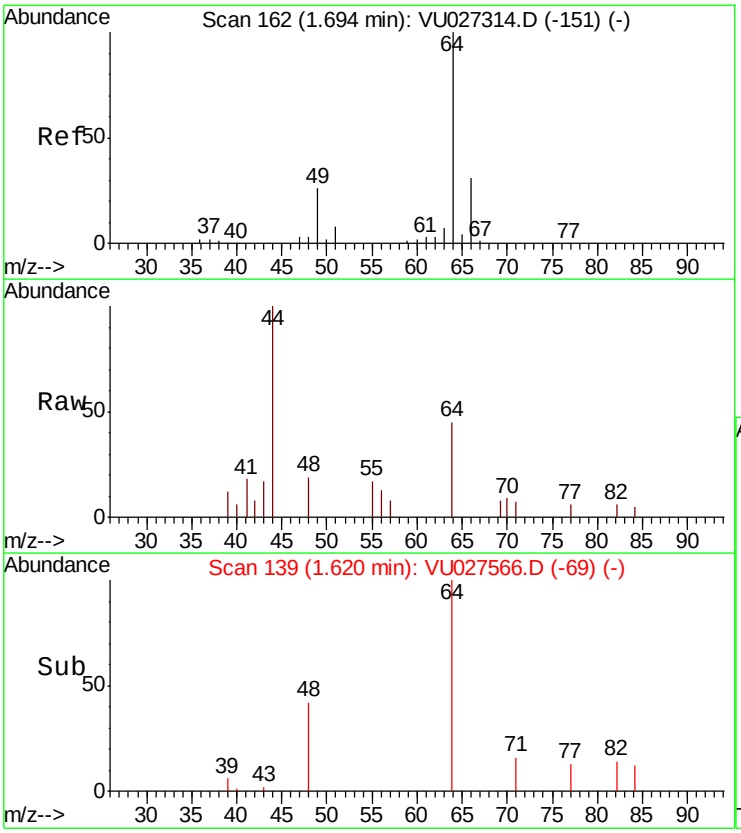
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion:168 Resp: 150313

Ion	Ratio	Lower	Upper
168	100		
99	58.7	50.8	76.2

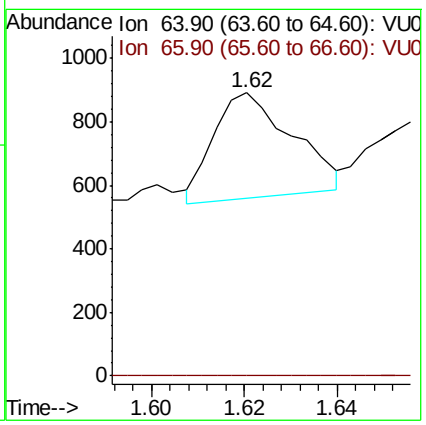


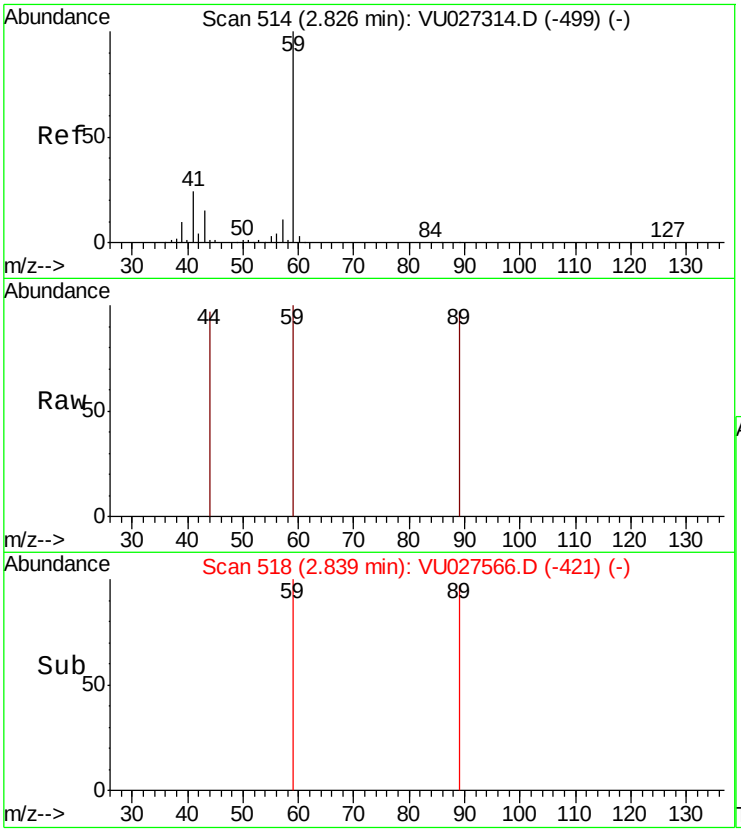


#6
Chloroethane
Concen: 0.237 ug/l
RT: 1.62 min Scan# 139
Delta R.T. -0.07 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 64 Resp: 392

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



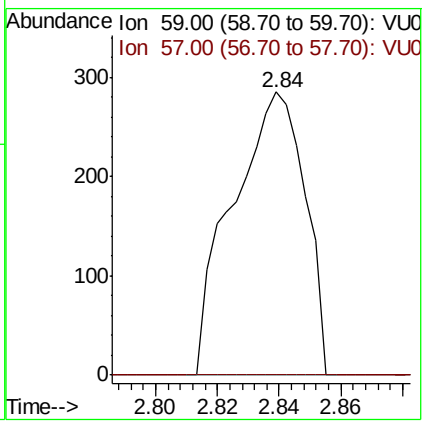


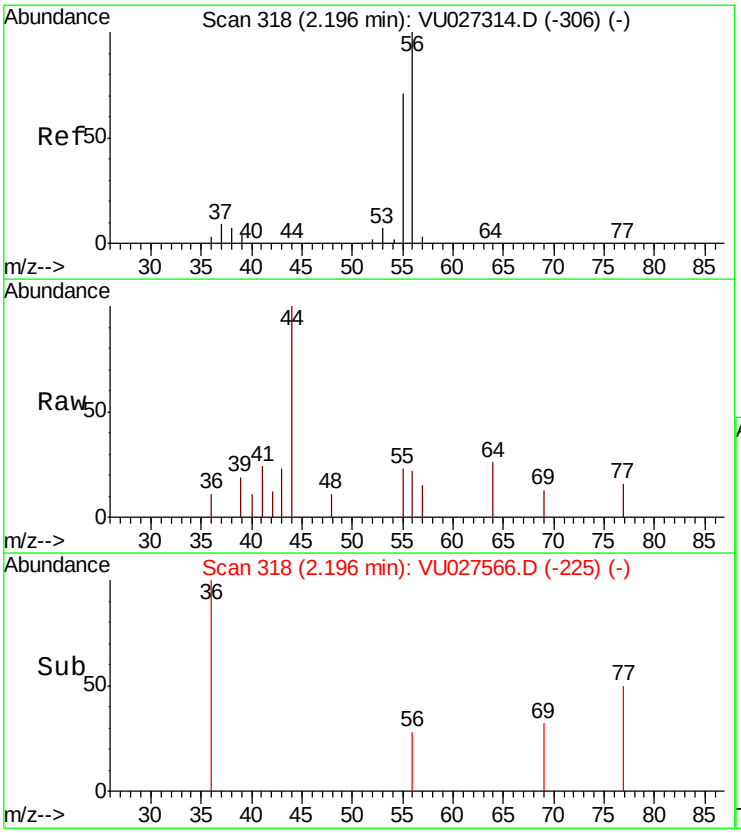
#11
Tert butyl alcohol
Concen: 0.872 ug/l
RT: 2.84 min Scan# 518
Delta R.T. 0.01 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument : MSVOA_U
ClientSampleId : EP1-MW-BDL

Tgt Ion: 59 Resp: 461

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

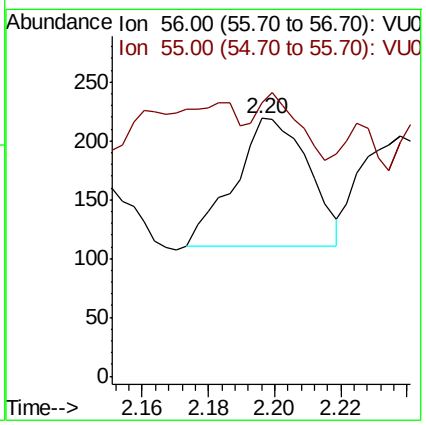


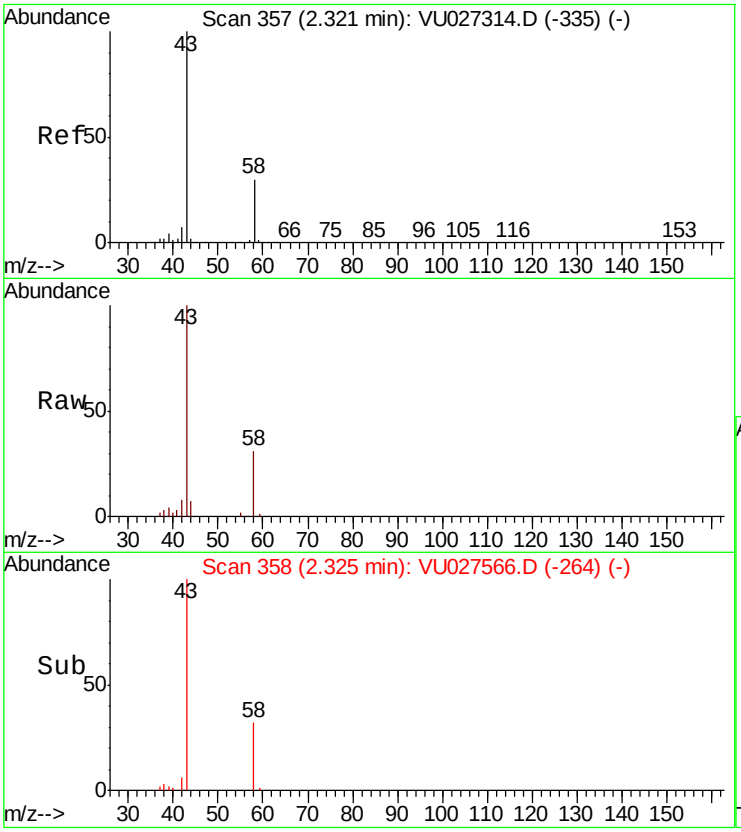


#13
Acrolein
Concen: 0.379 ug/l
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 56 Resp: 168

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.7	86.5#



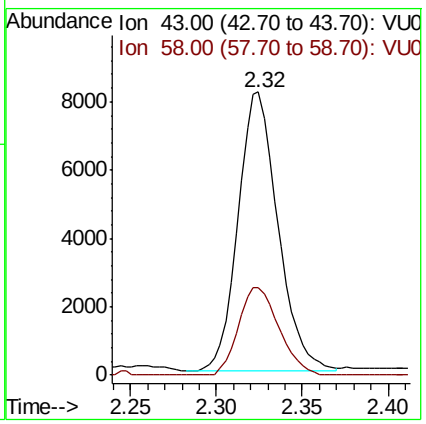


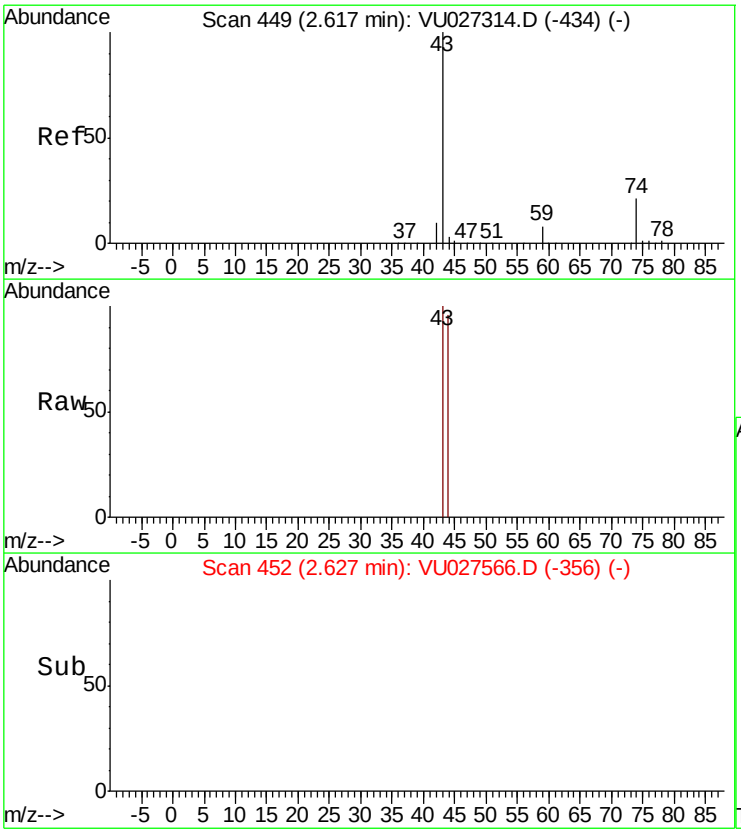
#16
Acetone
Concen: 8.926 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument : MSVOA_U
ClientSampleId : EP1-MW-BDL

Tgt Ion: 43 Resp: 13235

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.2	36.4

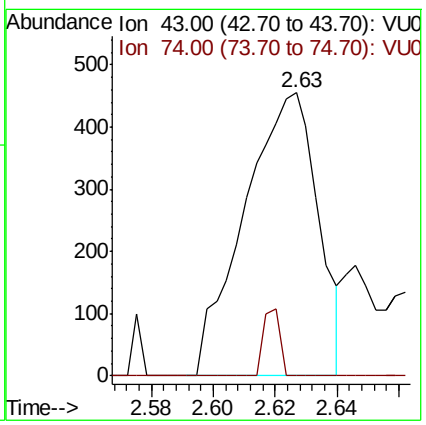


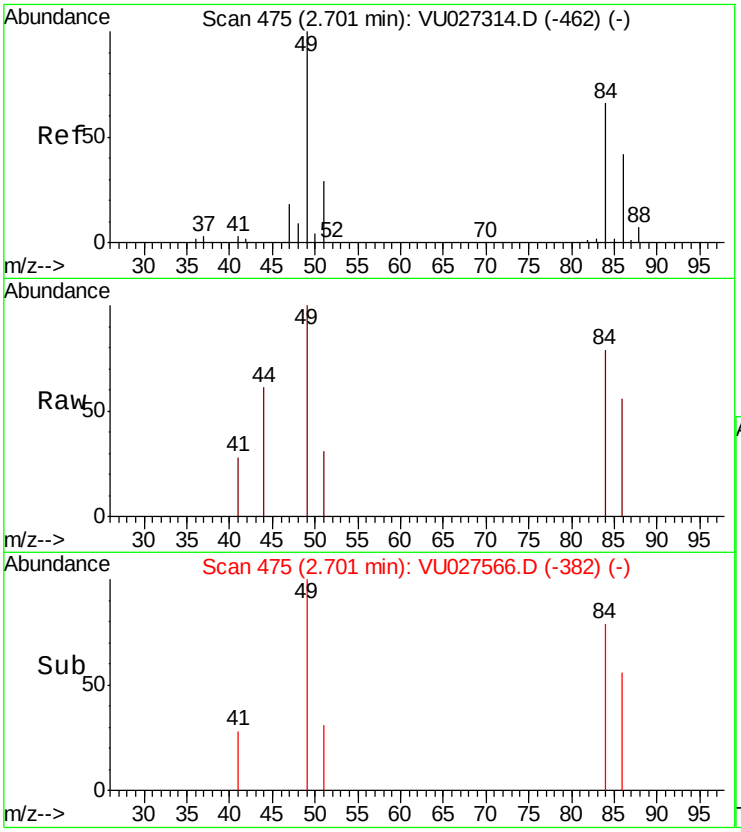


#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 43 Resp: 753

Ion	Ratio	Lower	Upper
43	100		
74	5.3	16.5	24.7#



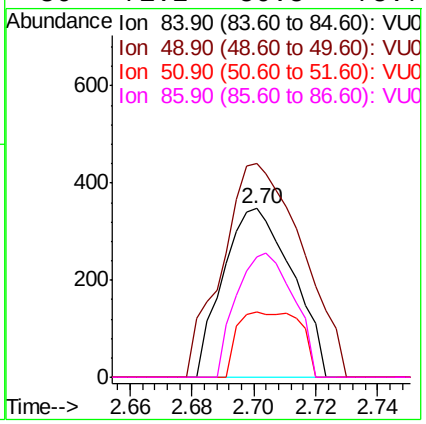


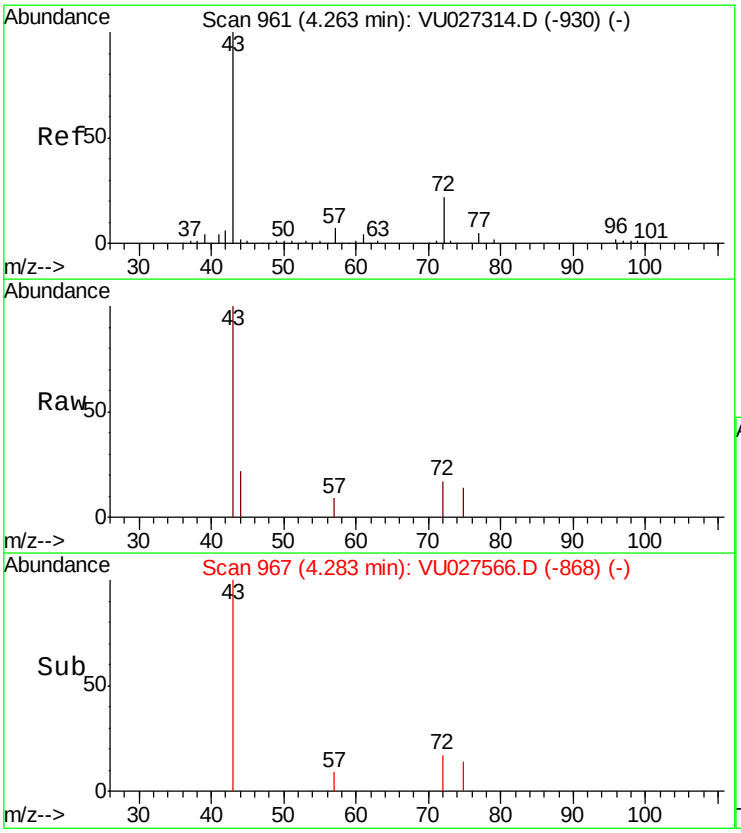
#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion: 84 Resp: 541

Ion	Ratio	Lower	Upper
84	100		
49	126.8	120.5	180.7
51	39.2	35.1	52.7
86	71.2	50.5	75.7

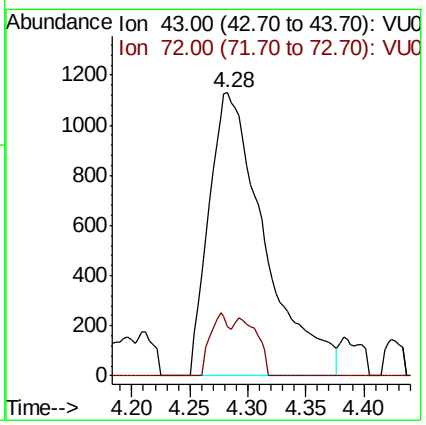


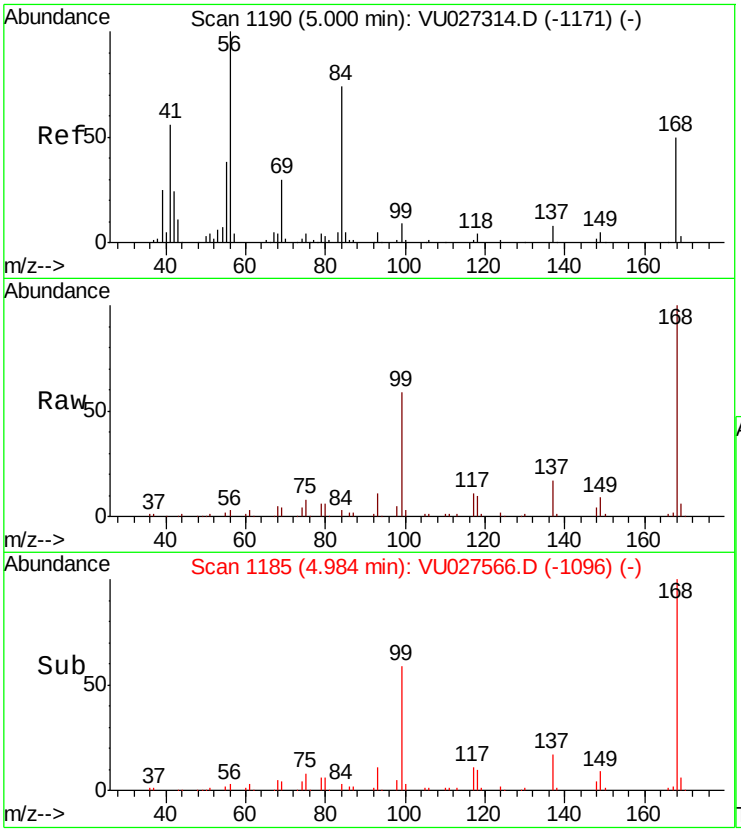


#25
2-Butanone
Concen: 1.870 ug/l
RT: 4.28 min Scan# 967
Delta R.T. 0.02 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 43 Resp: 3782

Ion	Ratio	Lower	Upper
43	100		
72	17.4	17.8	26.6#



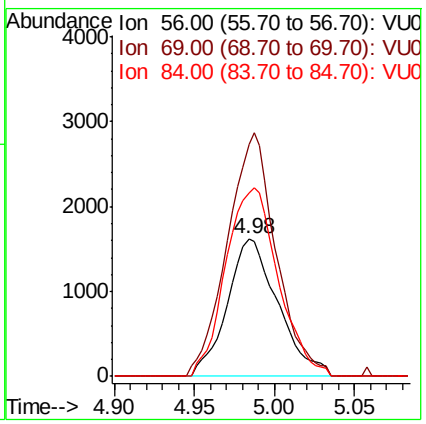


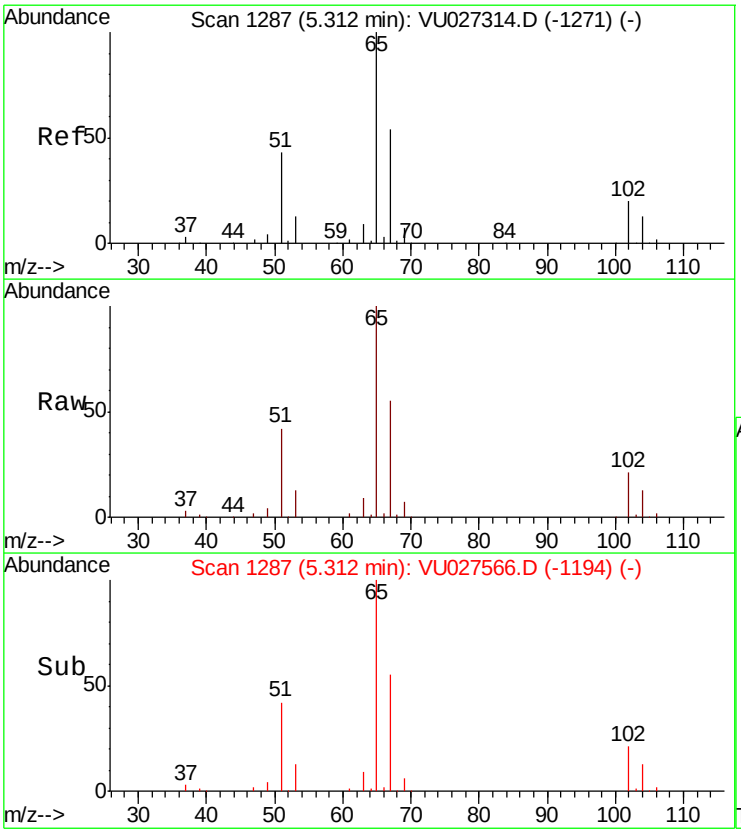
#31
Cyclohexane
Concen: 0.639 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion: 56 Resp: 3519

Ion	Ratio	Lower	Upper
56	100		
69	168.1	24.1	36.1#
84	133.4	59.1	88.7#

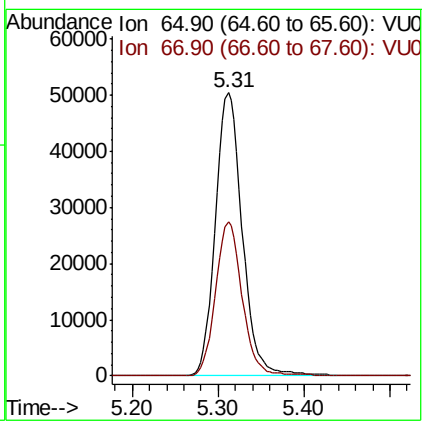


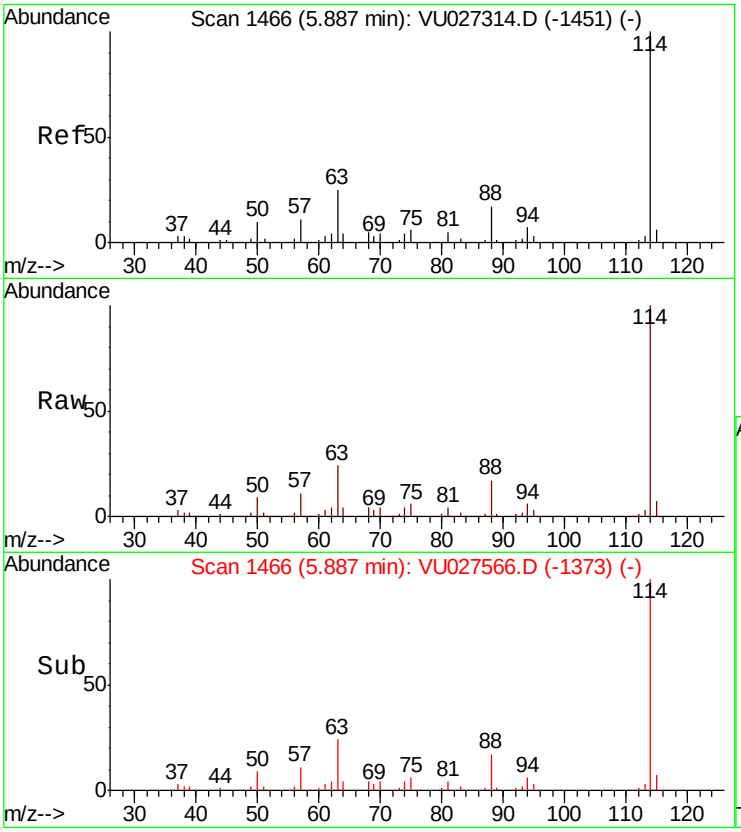


#33
1,2-Dichloroethane-d4
Concen: 43.829 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 65 Resp: 110010

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.8



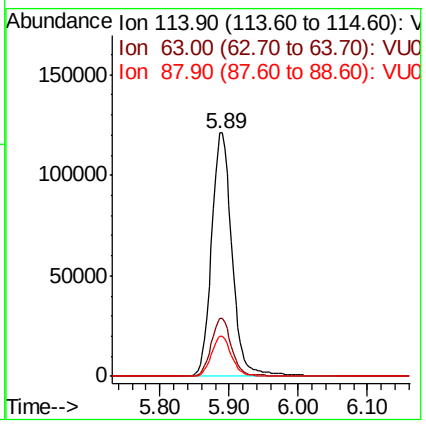


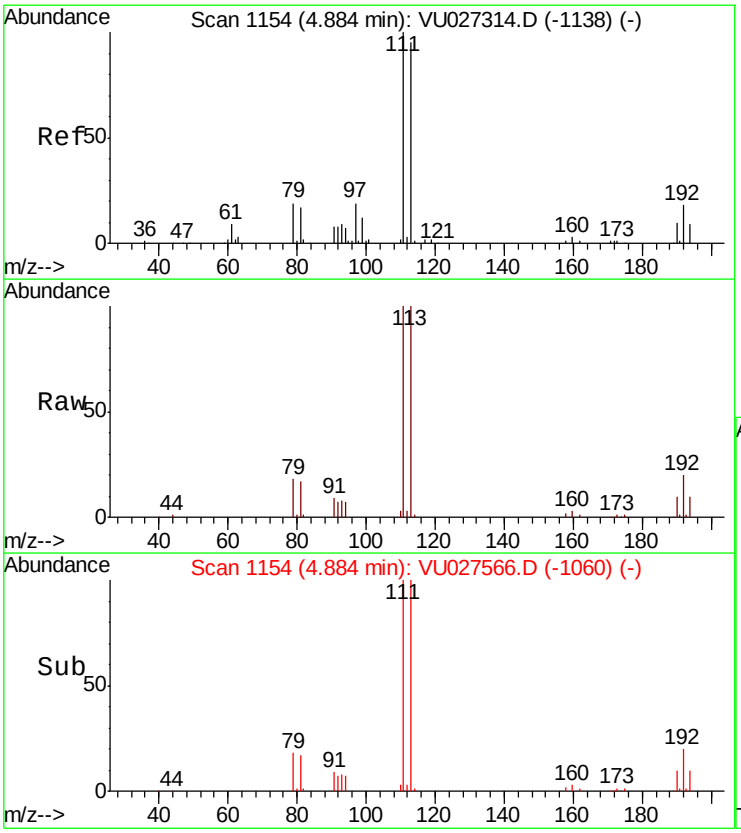
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion:114 Resp: 248315

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	50.2
88	16.7	0.0	33.8

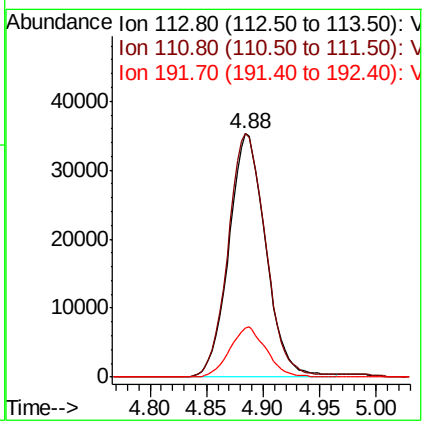


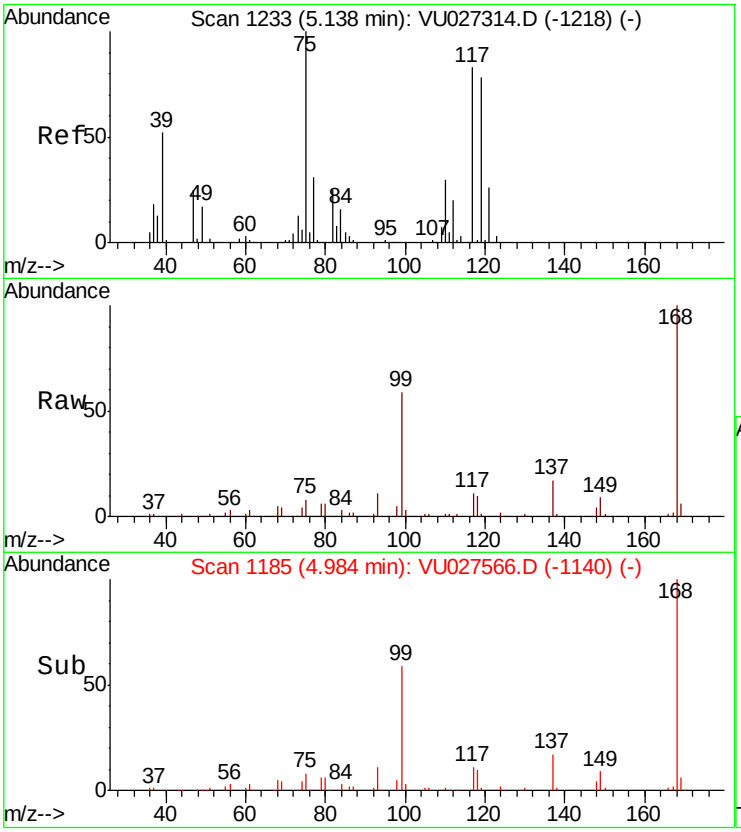


#35
Dibromofluoromethane
Concen: 46.933 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion:113 Resp: 79869

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.1	124.7
192	20.4	15.4	23.0



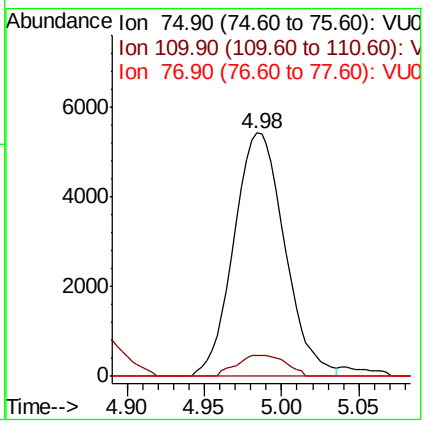


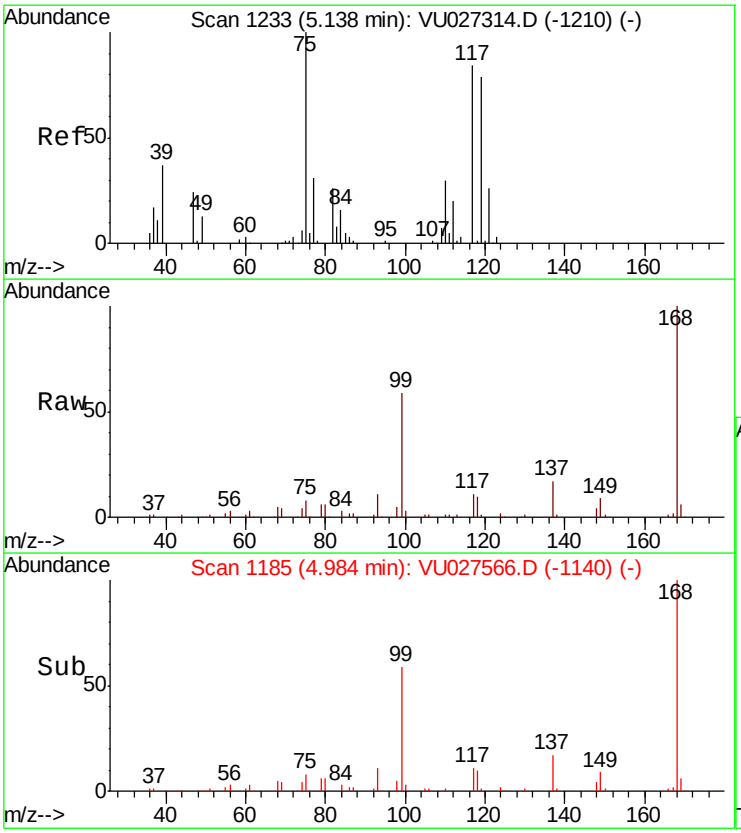
#36
1,1-Dichloropropene
Concen: 4.615 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion: 75 Resp: 12442

Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.5	46.5#
77	0.0	25.4	38.0#

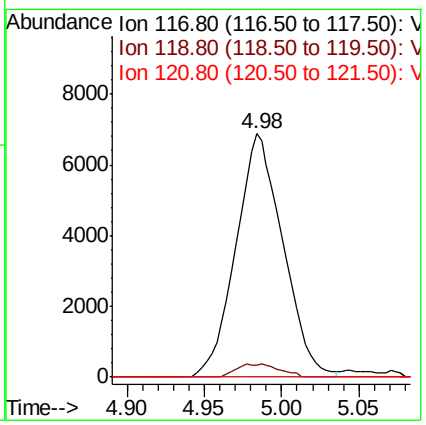


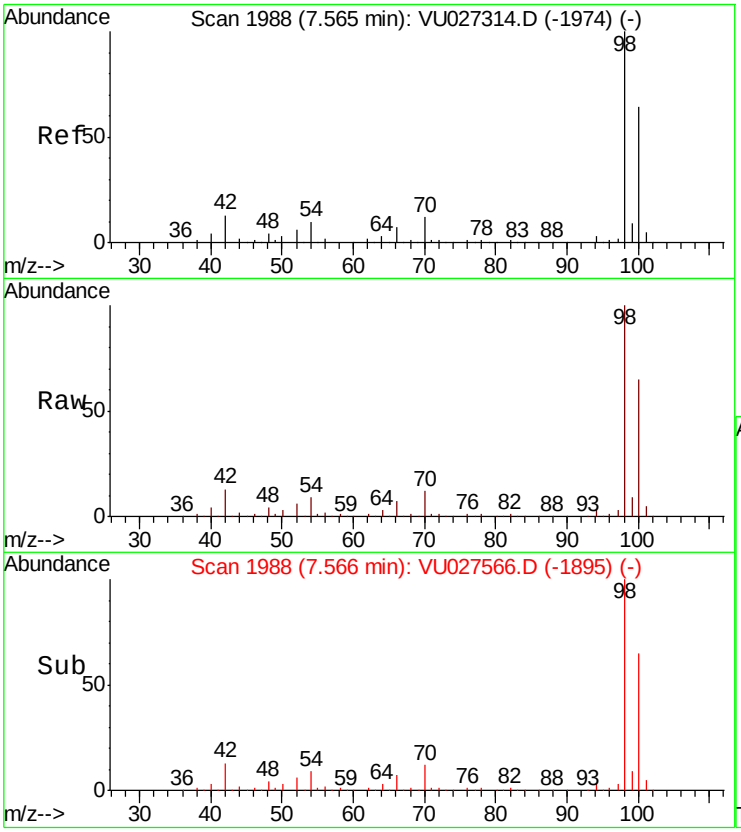


#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion:117 Resp: 14546

Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.5	111.7#
121	0.0	24.6	37.0#



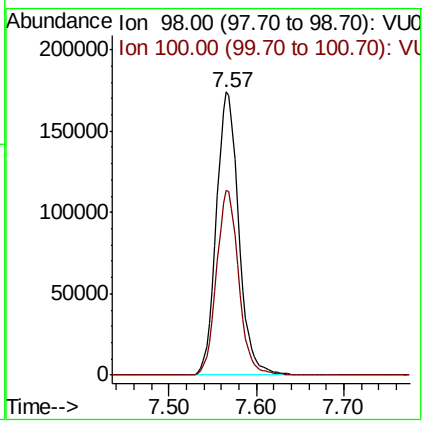


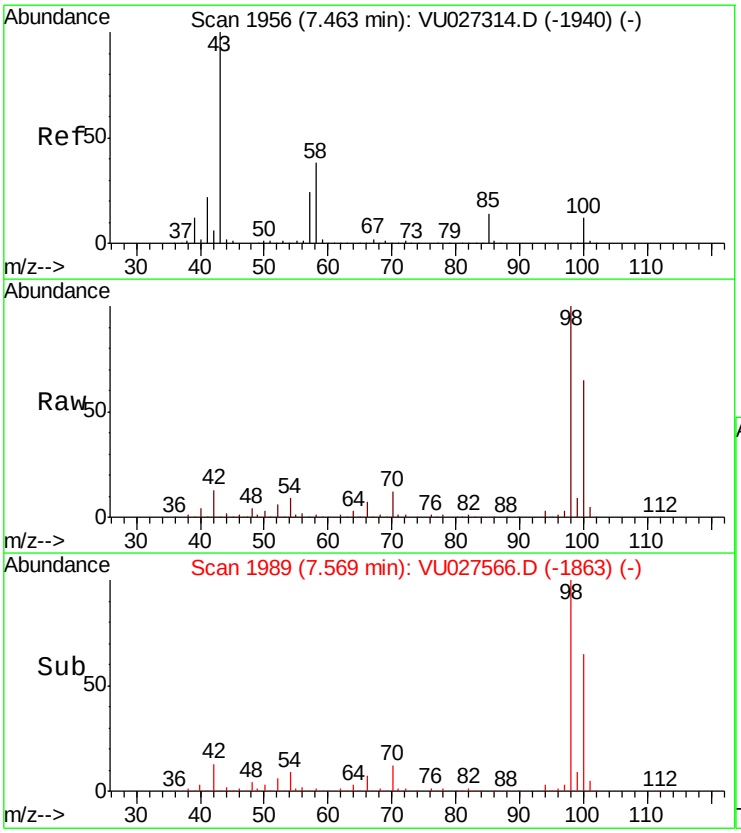
#50
Toluene-d8
Concen: 48.632 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion: 98 Resp: 309746

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1

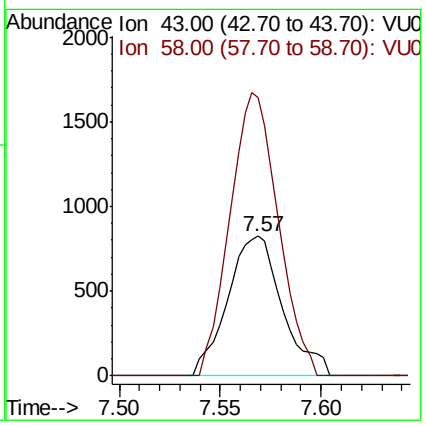


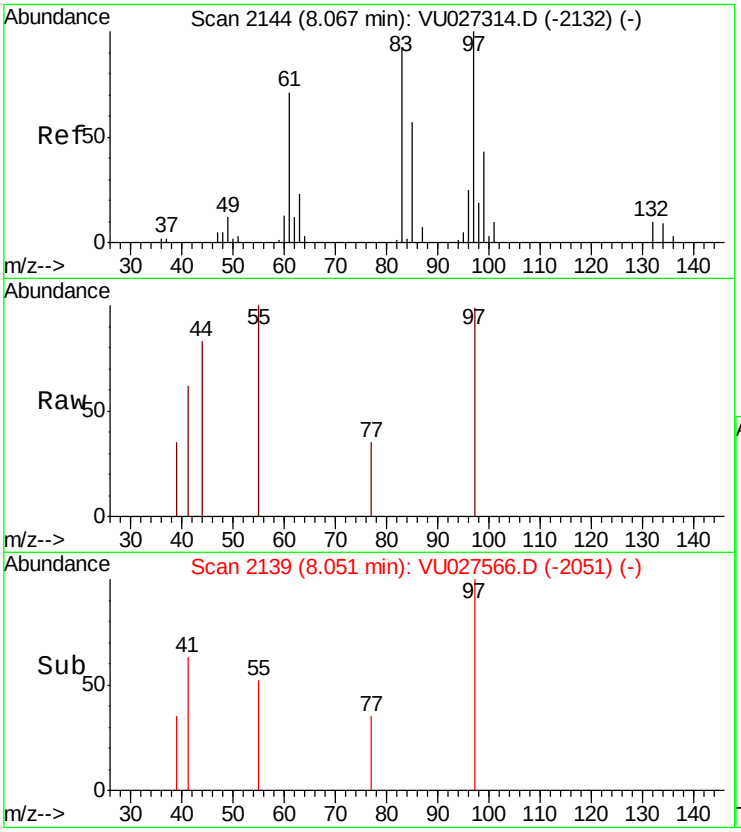


#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 43 Resp: 1564

Ion	Ratio	Lower	Upper
43	100		
58	178.7	29.8	44.8#



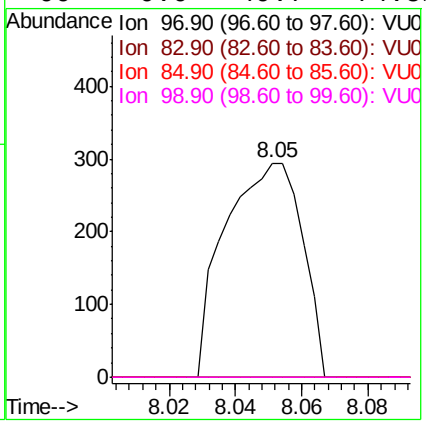


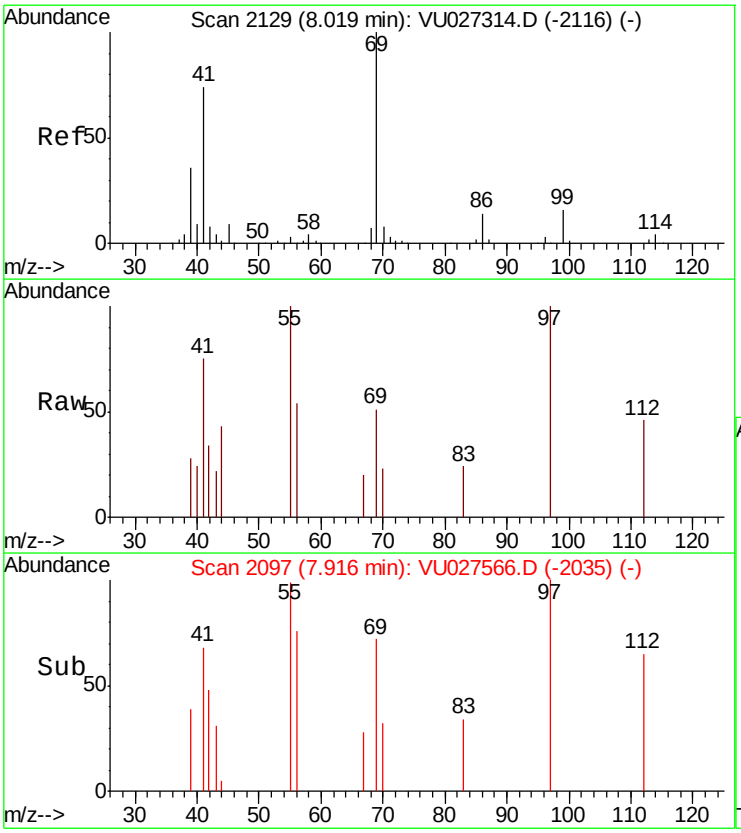
#55
1,1,2-Trichloroethane
Concen: 0.258 ug/l
RT: 8.05 min Scan# 2139
Delta R.T. -0.02 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion: 97 Resp: 476

Ion	Ratio	Lower	Upper
97	100		
83	0.0	73.0	109.6#
85	0.0	47.3	70.9#
99	0.0	49.7	74.5#

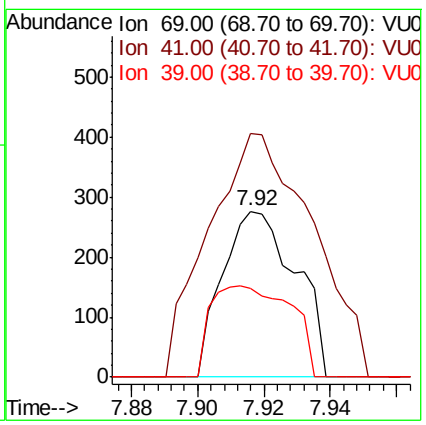


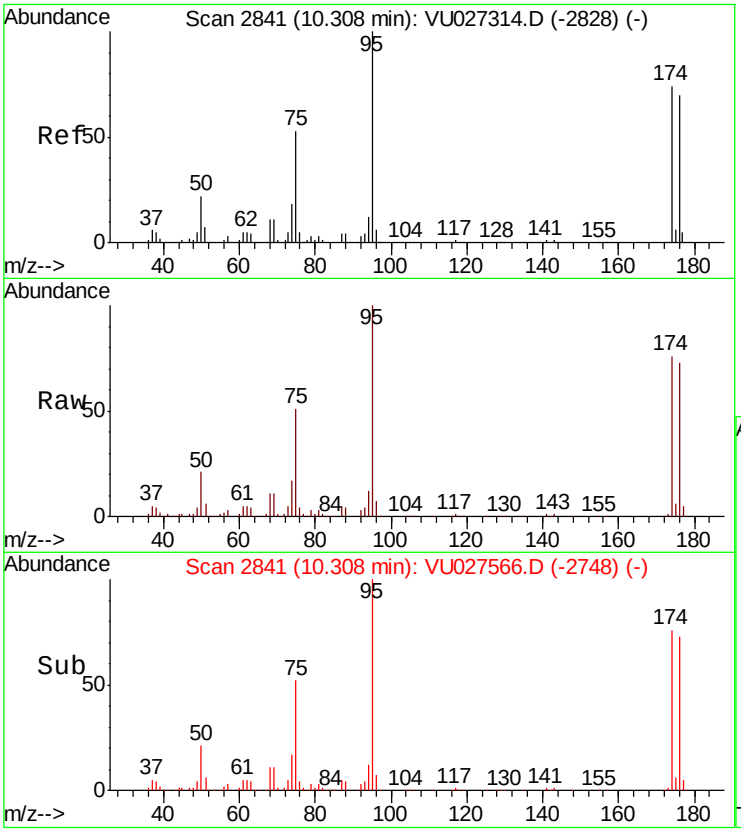


#56
Ethyl methacrylate
Concen: 2.386 ug/l
RT: 7.92 min Scan# 2097
Delta R.T. -0.10 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 69 Resp: 423

Ion	Ratio	Lower	Upper
69	100		
41	209.5	60.0	90.0#
39	60.5	29.5	44.3#



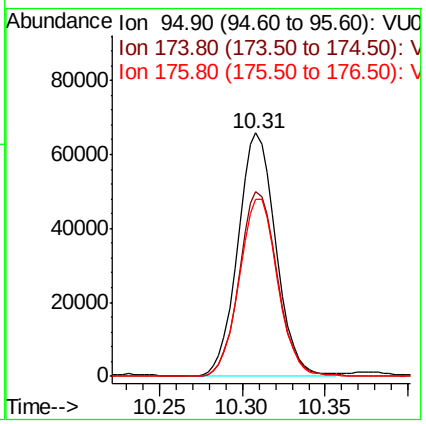


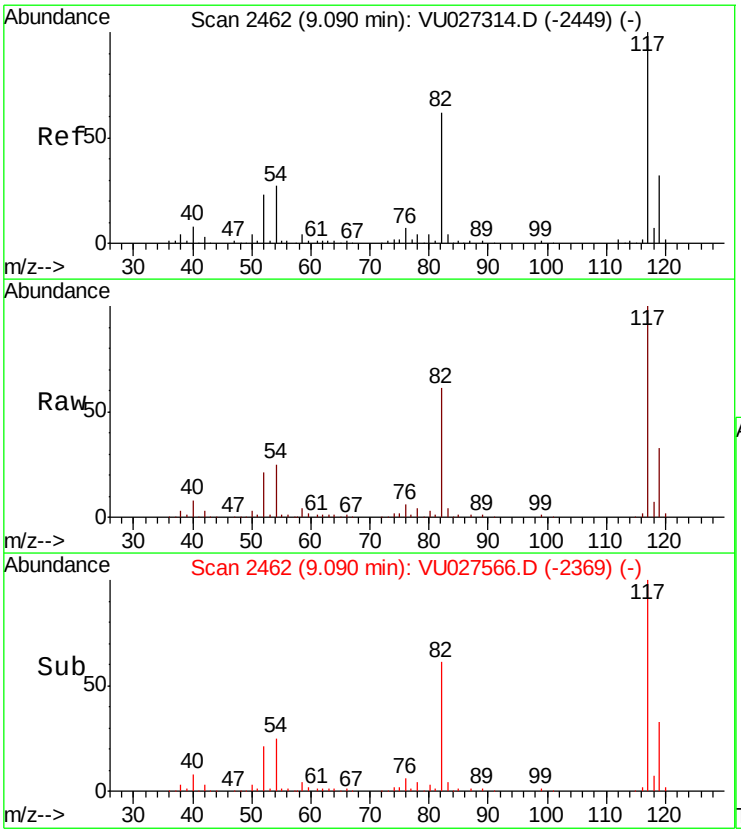
#62
4-Bromofluorobenzene
Concen: 44.354 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion: 95 Resp: 104988

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	147.8
176	73.7	0.0	140.8

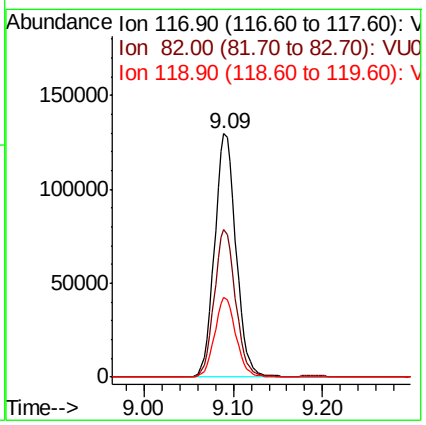


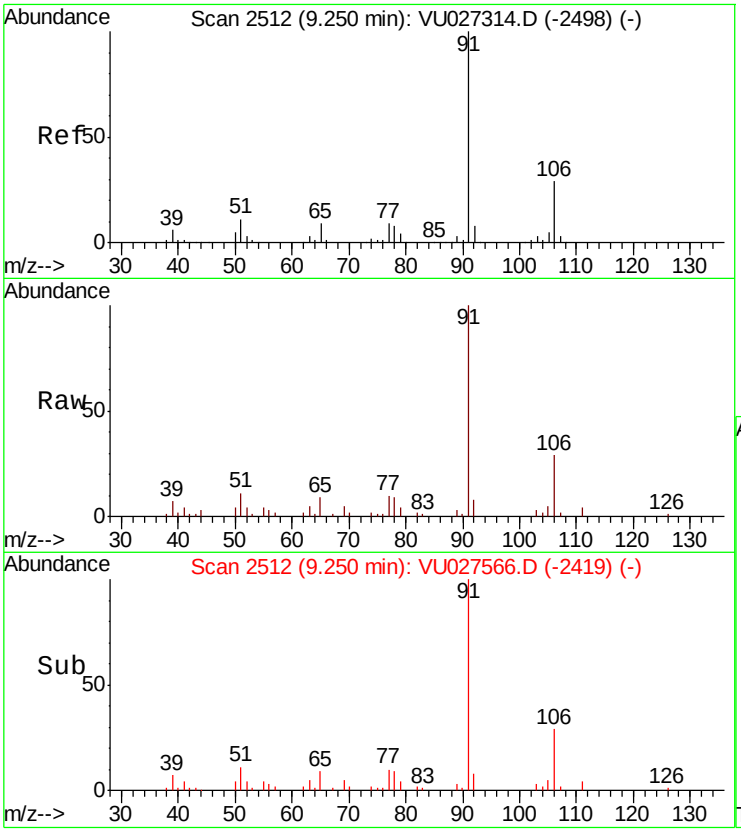


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion:117 Resp: 215886

Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.2	73.8
119	32.6	25.7	38.5



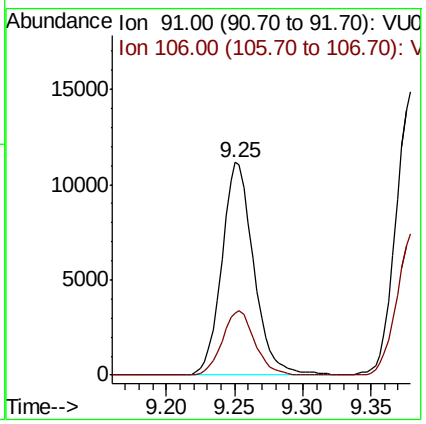


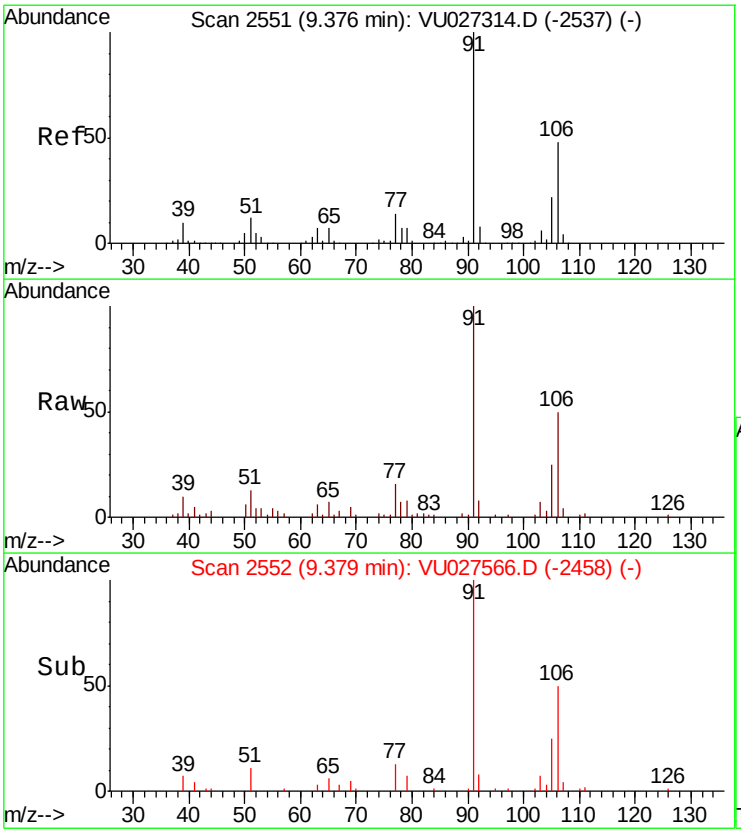
#67
Ethyl Benzene
Concen: 2.258 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion: 91 Resp: 18176

Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.6	35.4

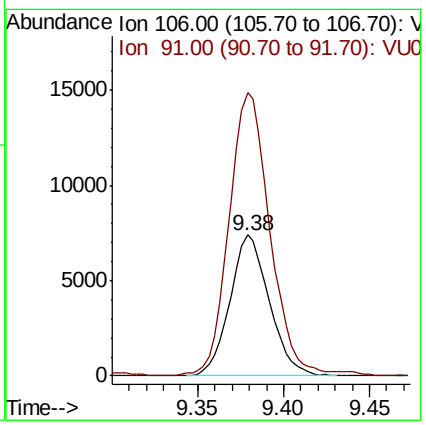


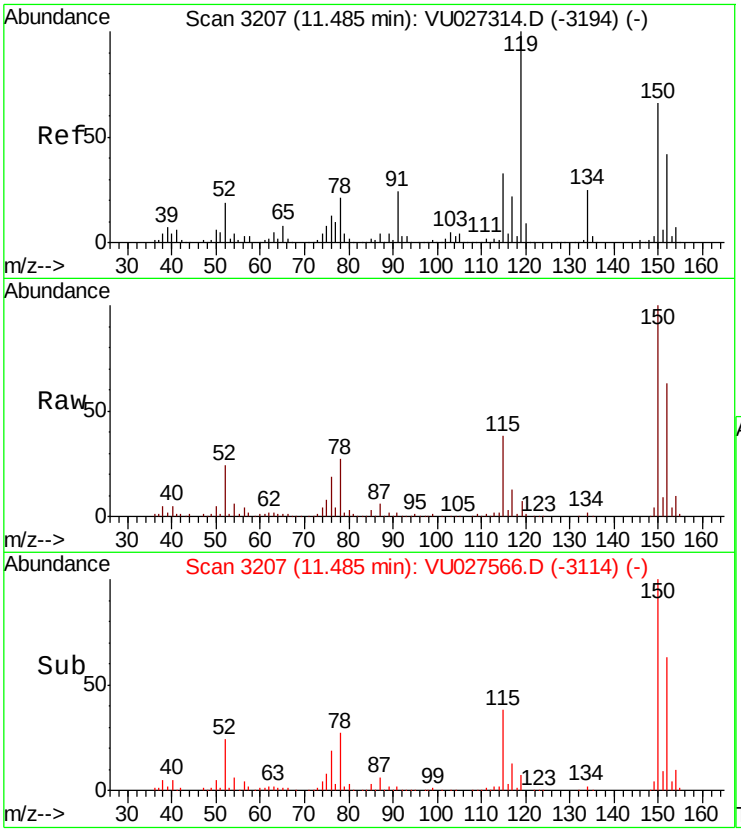


#68
m/p-Xylenes
Concen: 3.986 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion:106 Resp: 11740

Ion	Ratio	Lower	Upper
106	100		
91	208.3	168.1	252.1



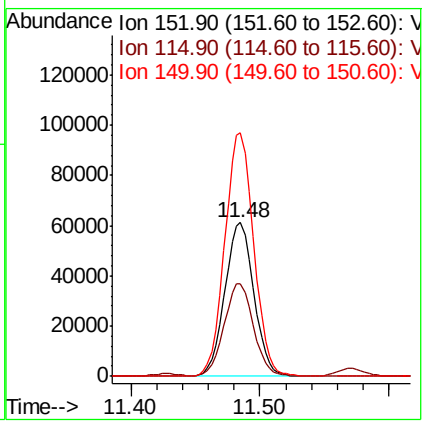


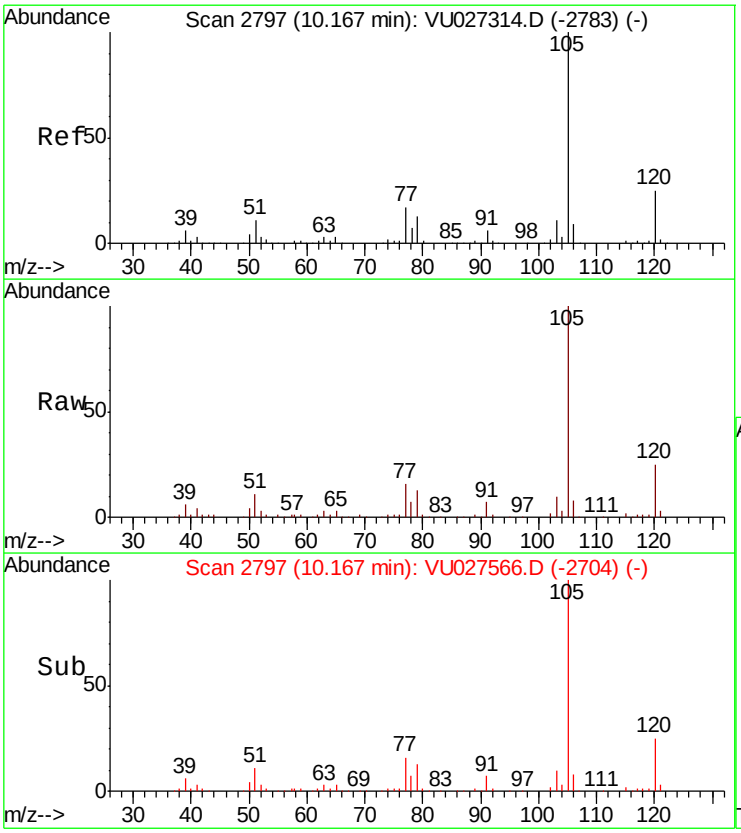
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion:152 Resp: 95540

Ion	Ratio	Lower	Upper
152	100		
115	60.9	43.4	130.2
150	158.0	0.0	349.2

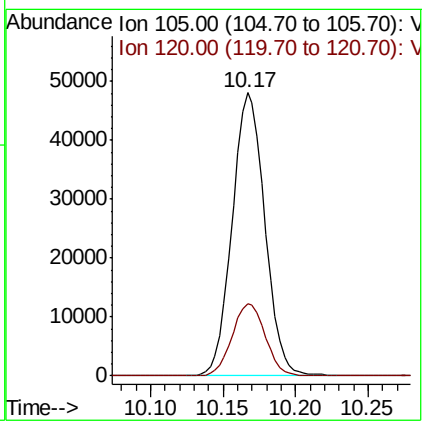


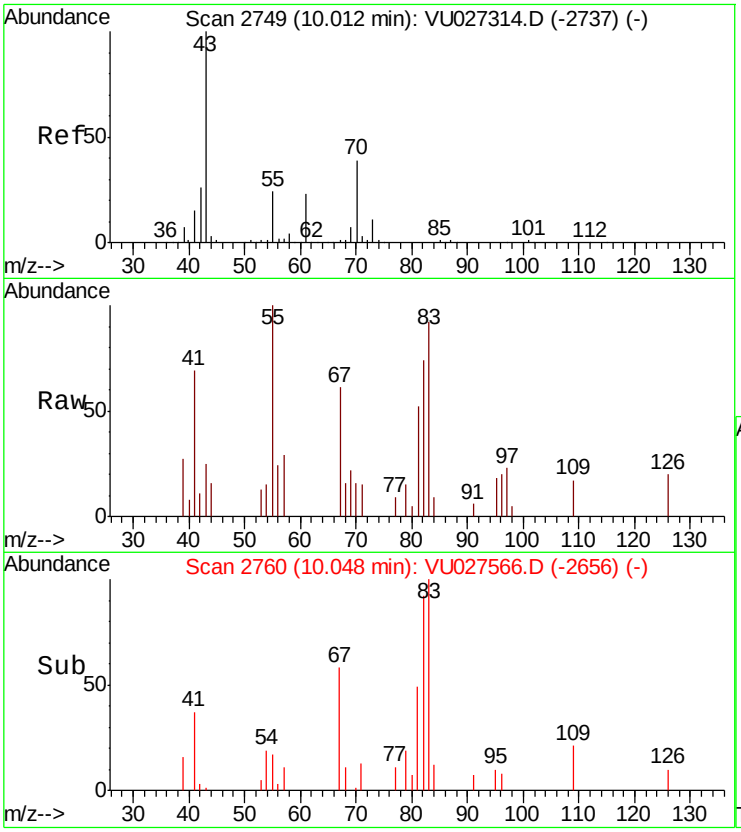


#73
Isopropylbenzene
Concen: 10.830 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion:105 Resp: 75148

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.6	37.8



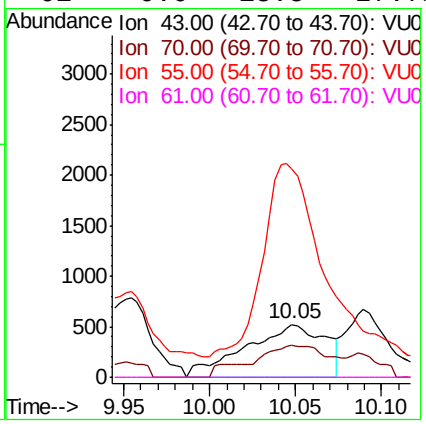


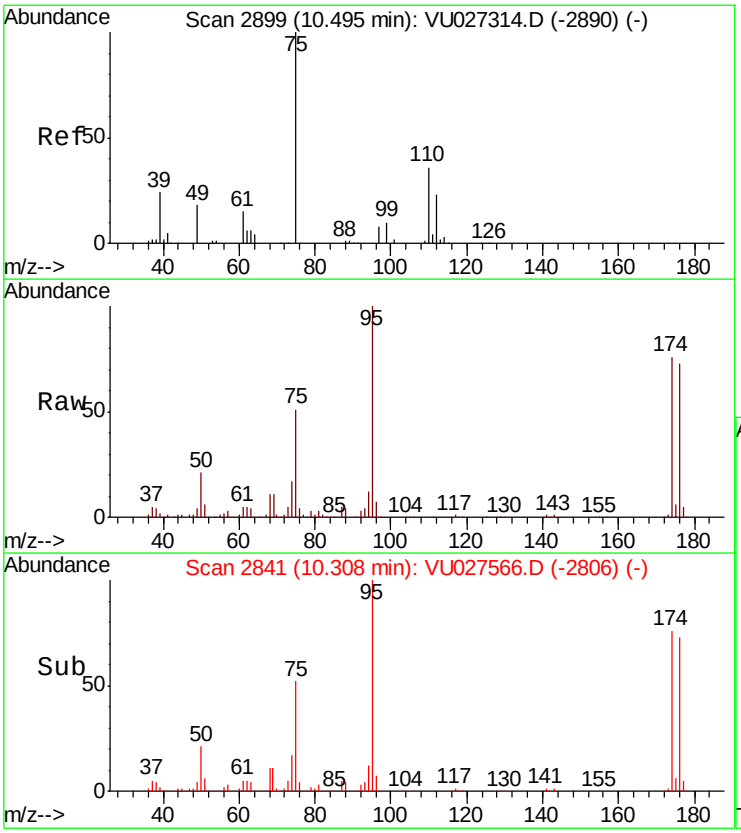
#74
N-amyl acetate
Concen: 0.423 ug/l
RT: 10.05 min Scan# 2760
Delta R.T. 0.04 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument : MSVOA_U
ClientSampleId : EP1-MW-BDL

Tgt Ion: 43 Resp: 1681

Ion	Ratio	Lower	Upper
43	100		
70	48.4	31.3	46.9#
55	277.8	19.0	28.6#
61	0.0	18.5	27.7#

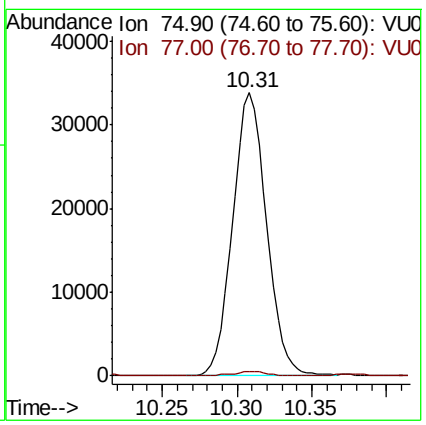


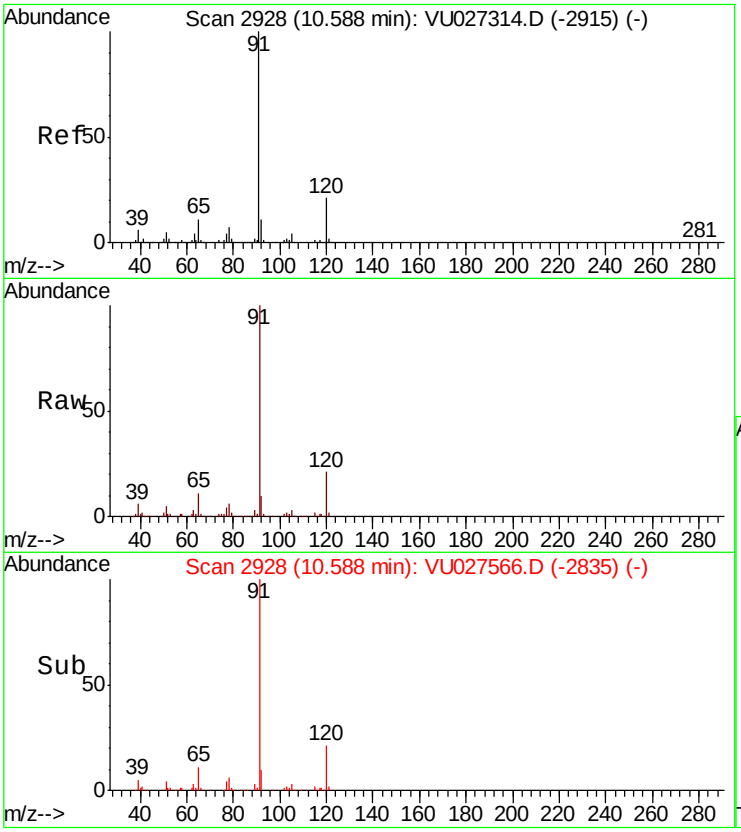


#76
1,2,3-Trichloropropane
Concen: 21.562 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 75 Resp: 53401

Ion	Ratio	Lower	Upper
75	100		
77	1.6	20.3	60.9#



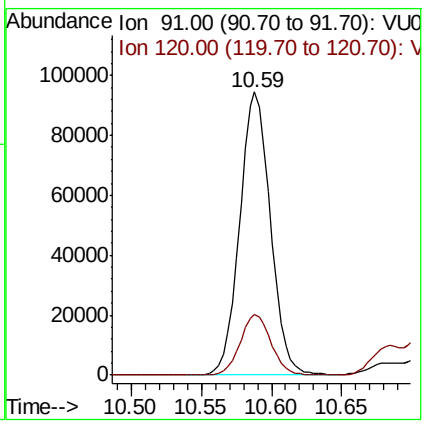


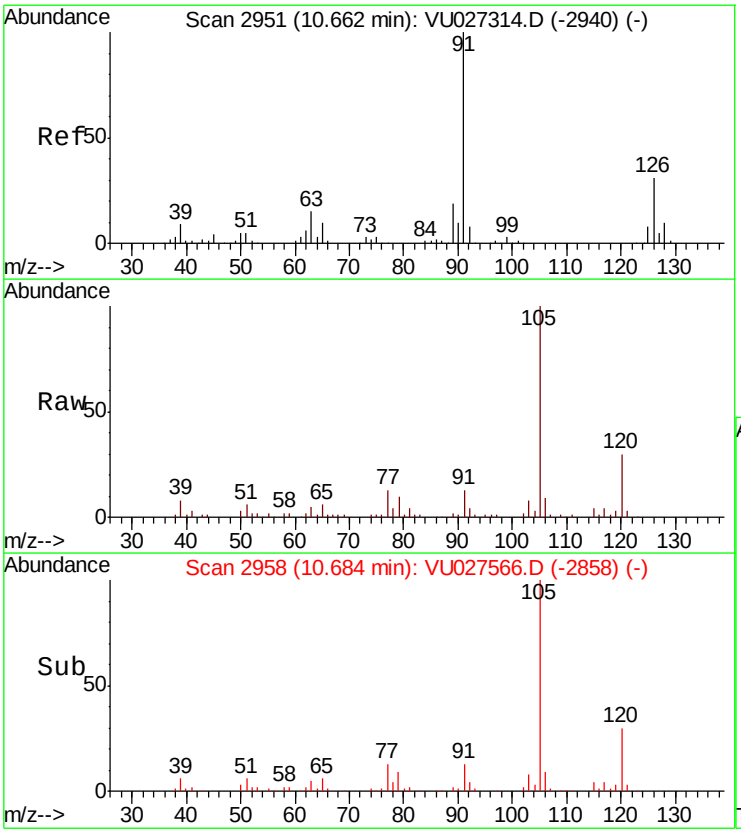
#78
n-propylbenzene
Concen: 17.352 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument : MSVOA_U
ClientSampleId : EP1-MW-BDL

Tgt Ion: 91 Resp: 144677

Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.6	31.8

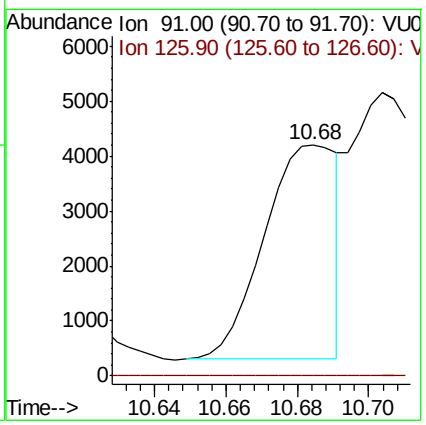


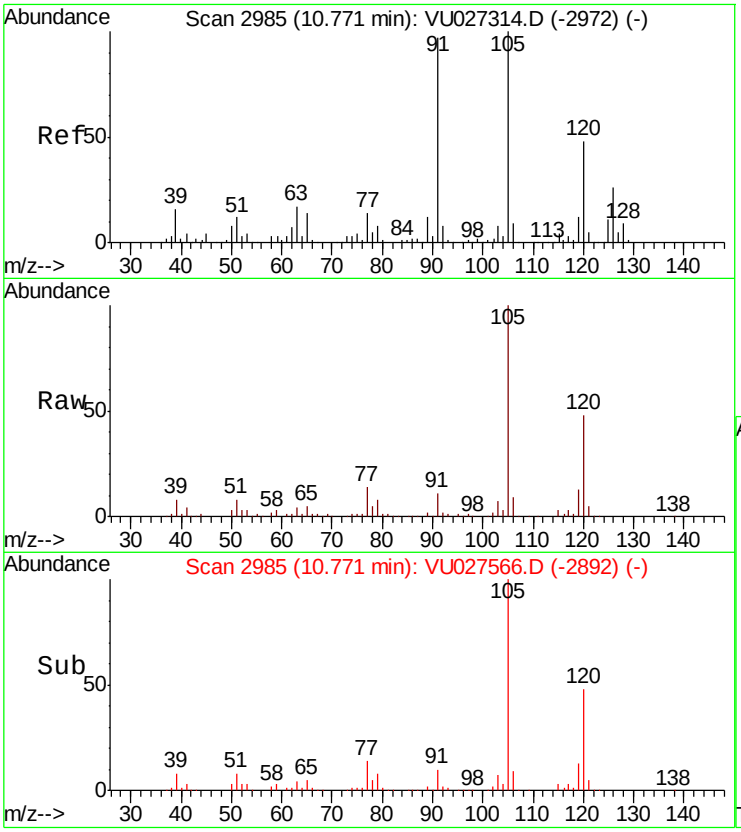


#79
2-Chlorotoluene
Concen: 1.088 ug/l
RT: 10.68 min Scan# 2958
Delta R.T. 0.02 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 91 Resp: 5476

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.7	47.1#



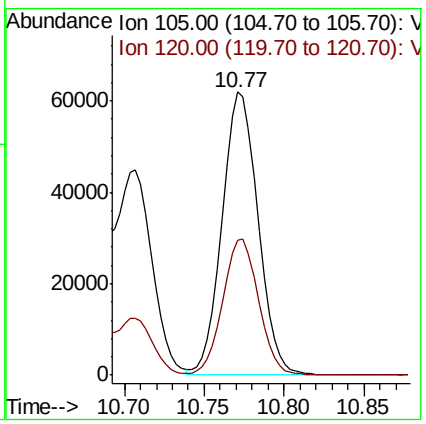


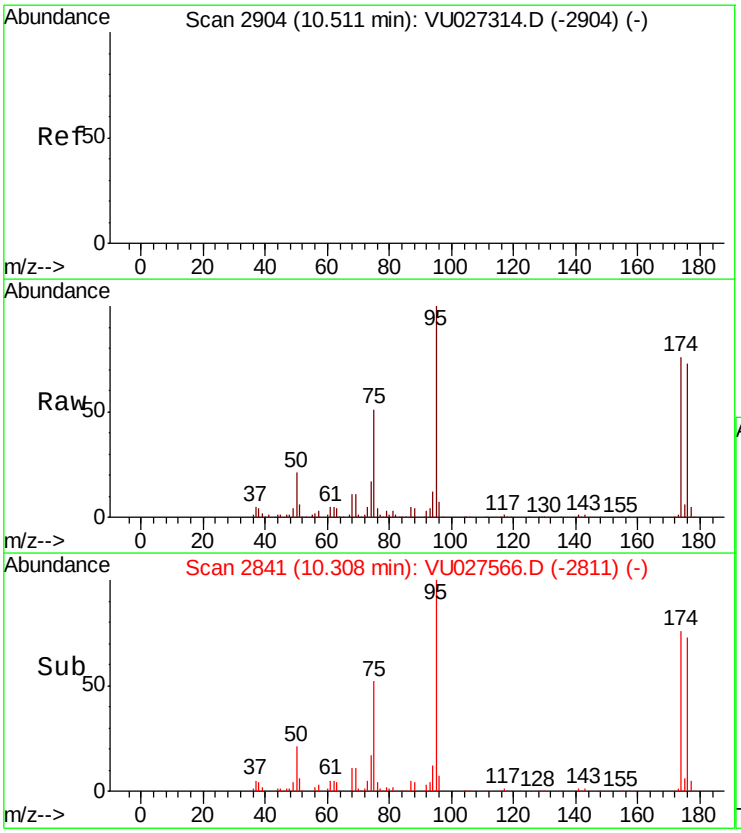
#80
1,3,5-Trimethylbenzene
Concen: 16.723 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion:105 Resp: 94472

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.4

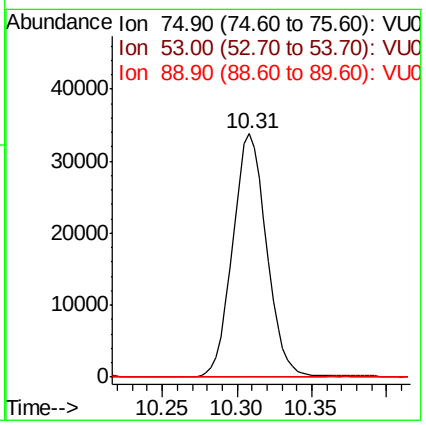


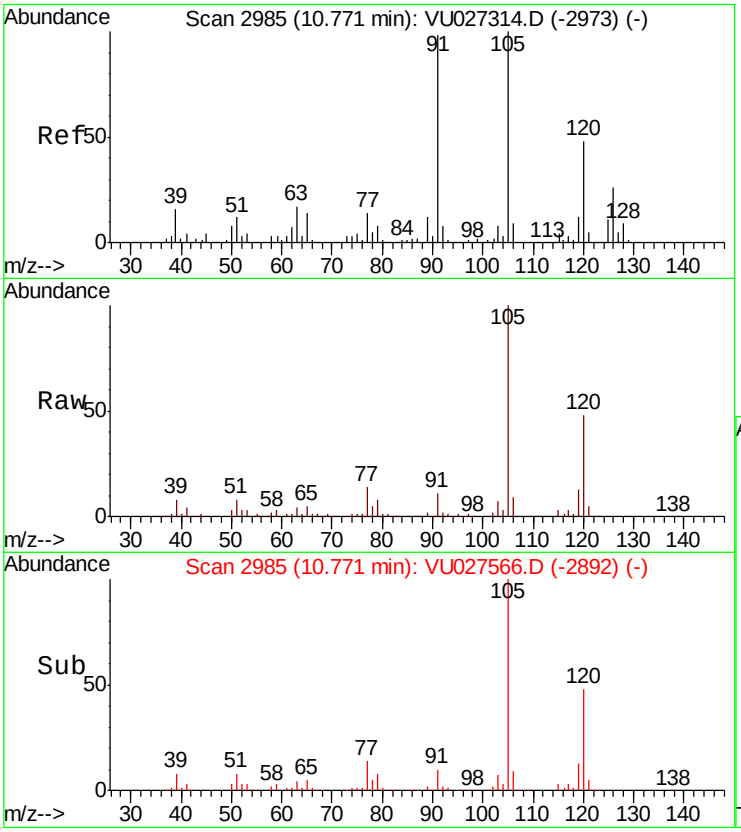


#81
trans-1,4-Dichloro-2-butene
Concen: 56.430 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 75 Resp: 53401

Ion	Ratio	Lower	Upper
75	100		
53	0.2	0.0	0.0#
89	0.0	0.0	0.0



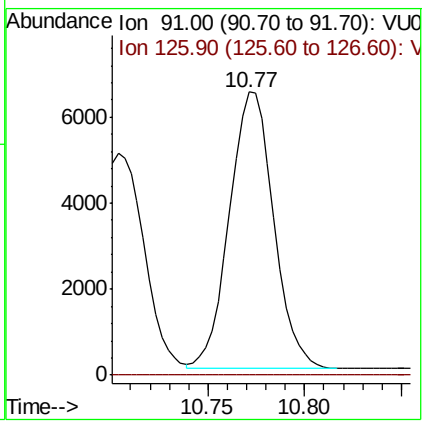


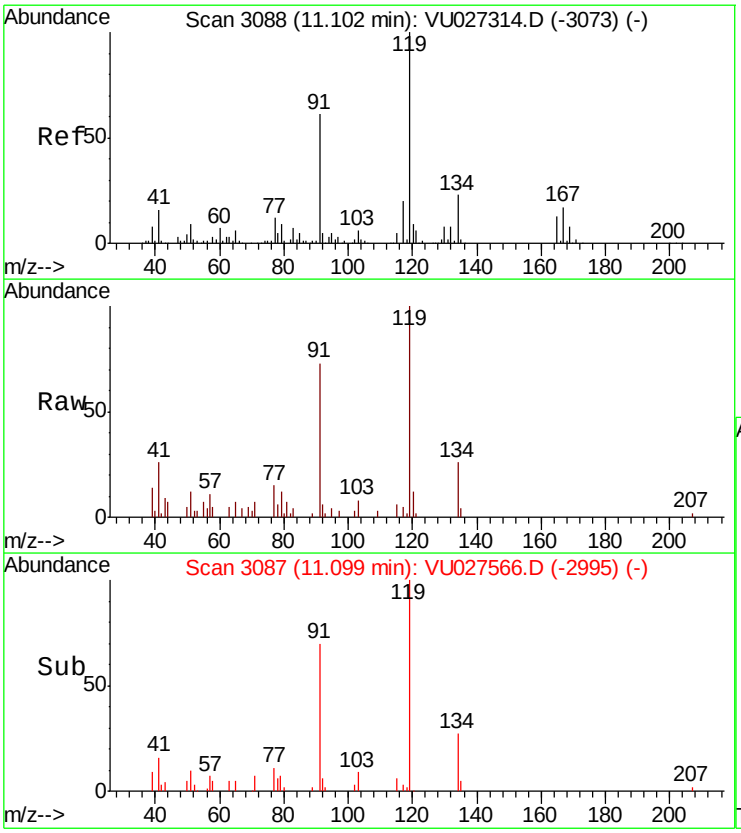
#82
4-Chlorotoluene
Concen: 1.793 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument : MSVOA_U
ClientSampleId : EP1-MW-BDL

Tgt Ion: 91 Resp: 10243

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.6	40.8#

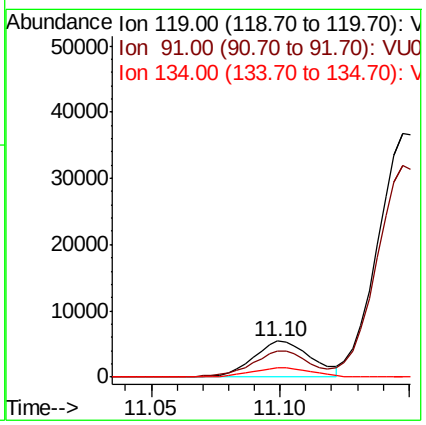


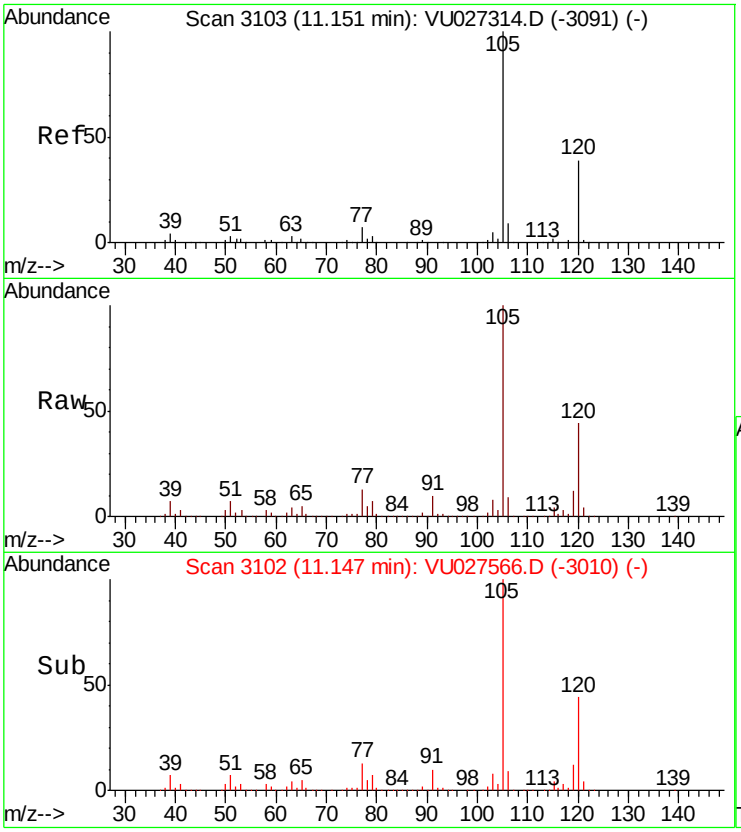


#83
tert-Butylbenzene
Concen: 1.553 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion:119 Resp: 8479

Ion	Ratio	Lower	Upper
119	100		
91	73.2	30.3	91.0
134	26.1	11.5	34.4



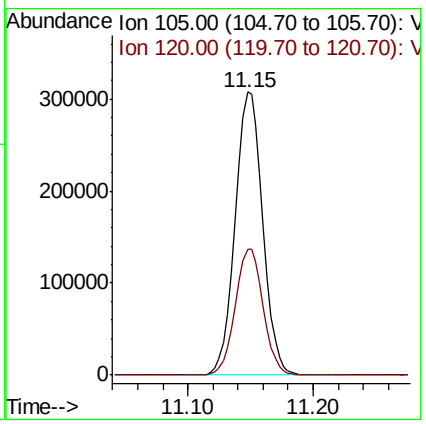


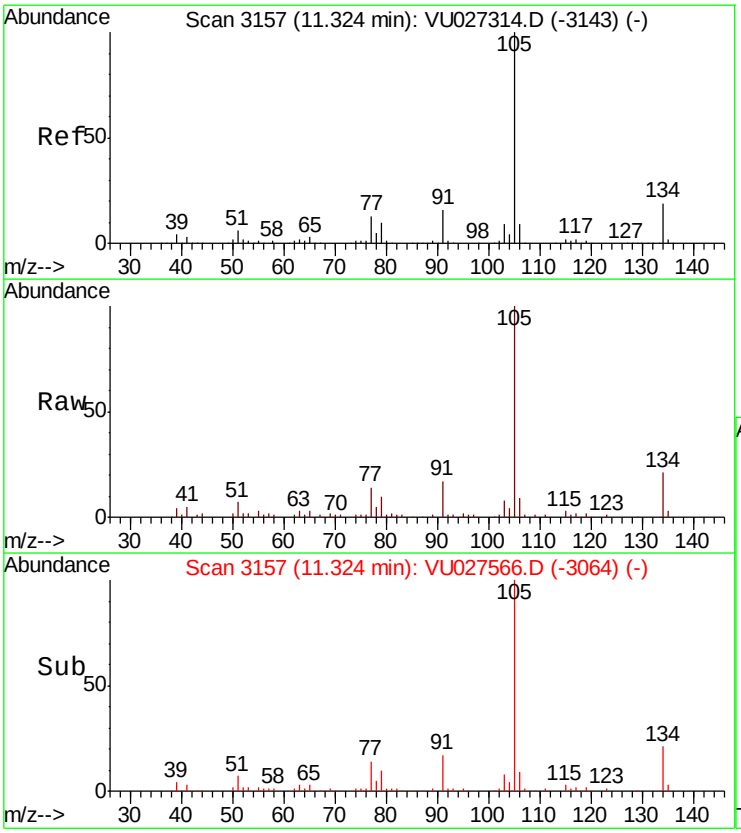
#84
1,2,4-Trimethylbenzene
Concen: 81.032 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion:105 Resp: 467615

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.5

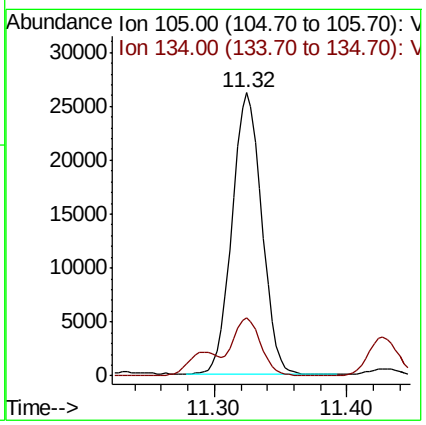


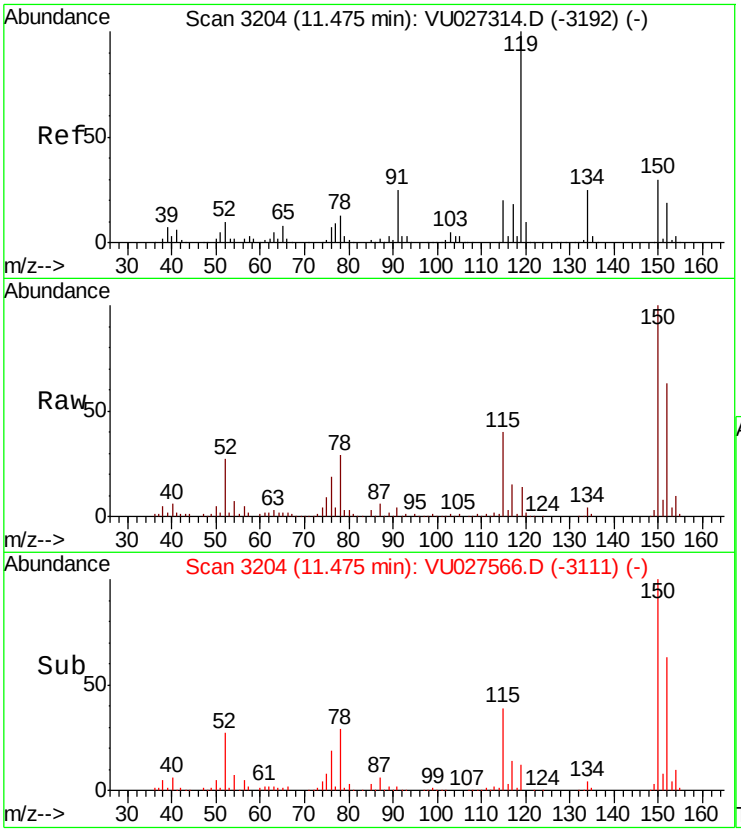


#85
sec-Butylbenzene
Concen: 5.930 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion:105 Resp: 40806

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.6	28.6



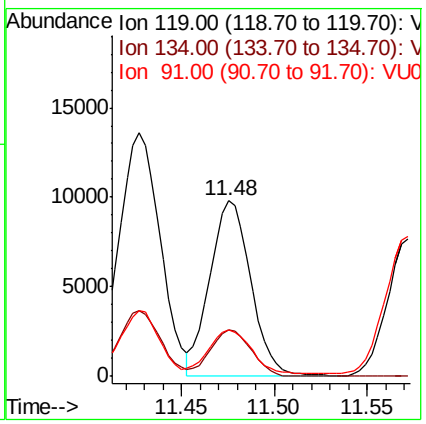


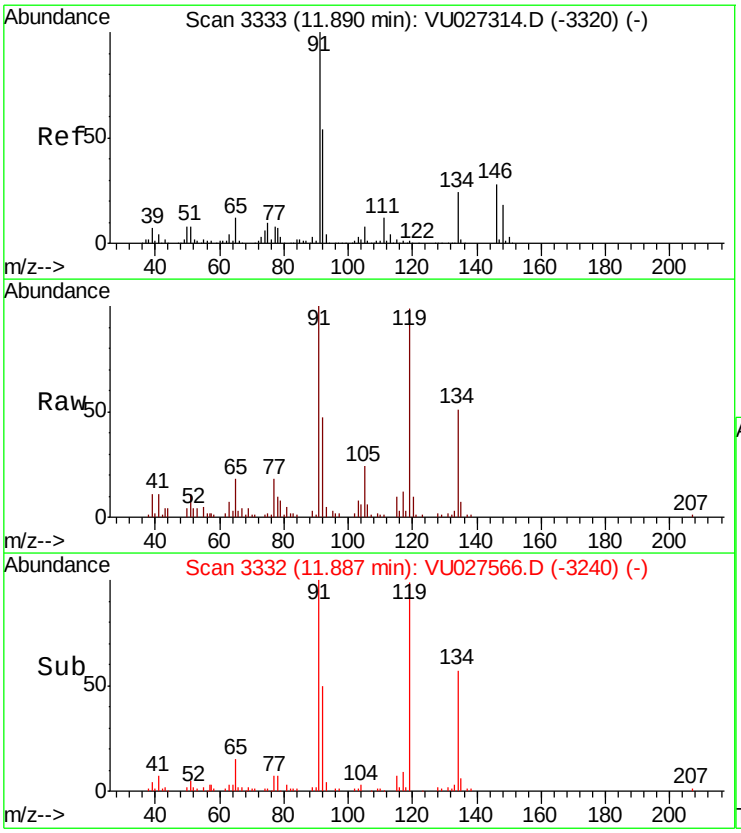
#86
p-Isopropyltoluene
Concen: 2.564 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion:119 Resp: 15107

Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.7	38.1
91	26.2	12.2	36.4

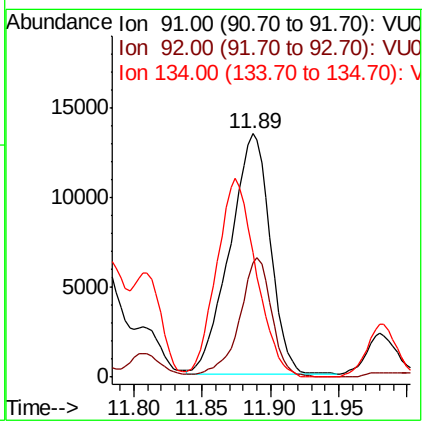


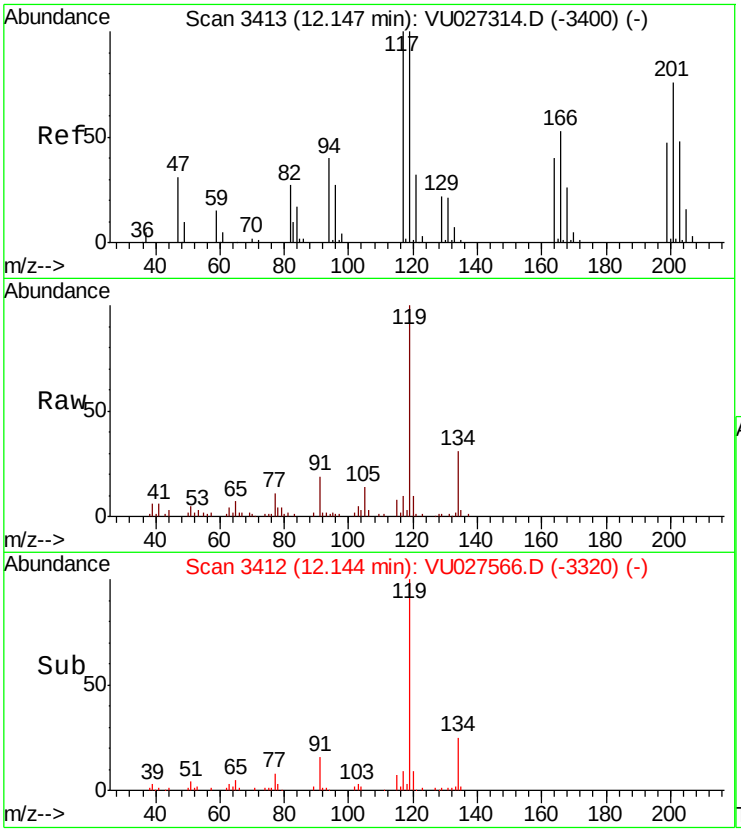


#89
n-Butylbenzene
Concen: 6.160 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 91 Resp: 27394

Ion	Ratio	Lower	Upper
91	100		
92	40.2	27.0	81.0
134	81.6	11.7	35.1#



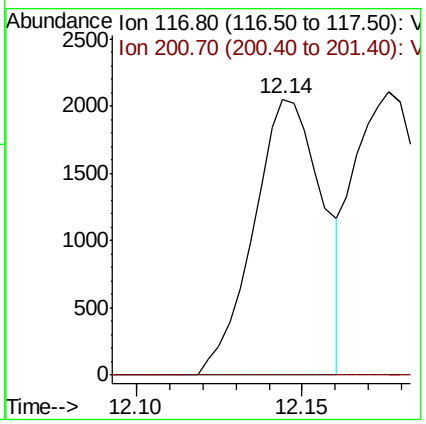


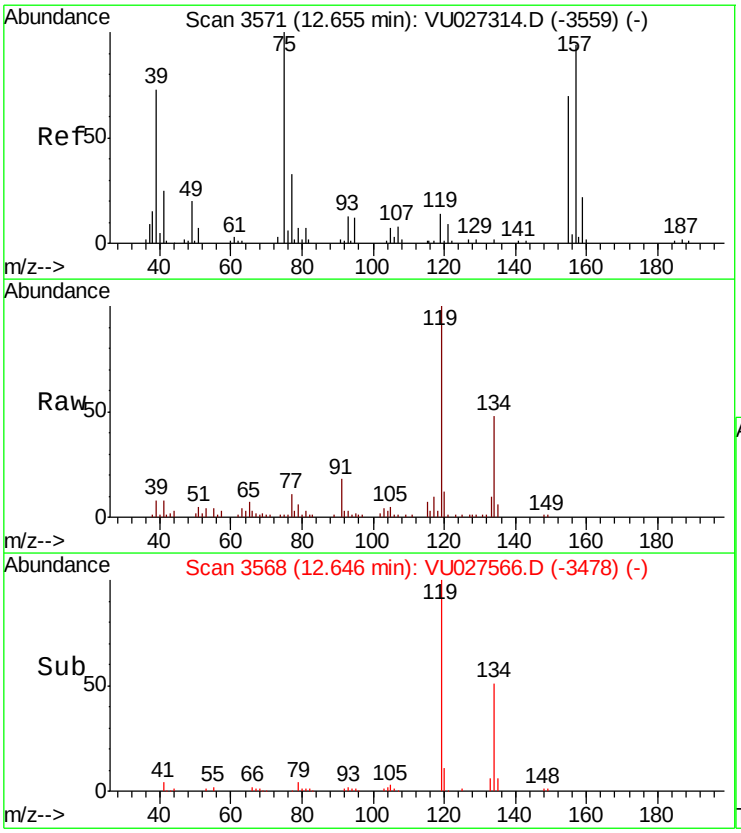
#90
Hexachloroethane
Concen: 2.686 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion:117 Resp: 2983

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.9	113.6#

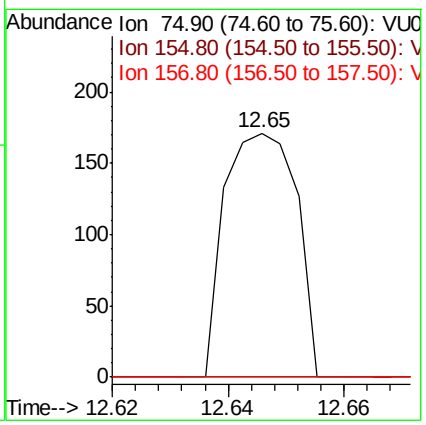


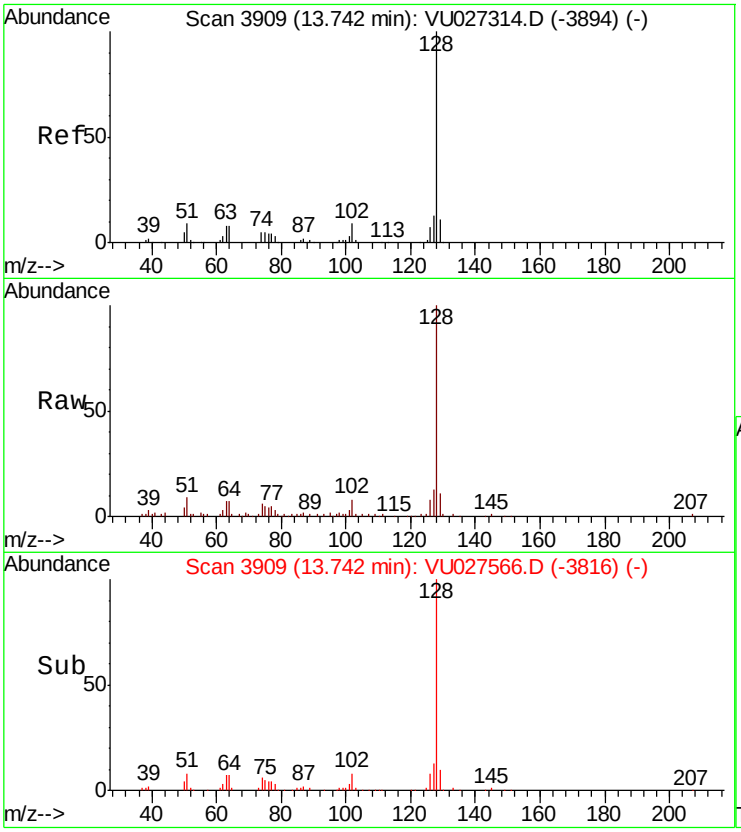


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.243 ug/l
RT: 12.65 min Scan# 3568
Delta R.T. -0.01 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Tgt Ion: 75 Resp: 147

Ion	Ratio	Lower	Upper
75	100		
155	0.0	35.9	107.8#
157	0.0	46.9	140.6#





#95
Naphthalene
Concen: 8.459 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027566.D
Acq: 10 Oct 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-BDL

Tgt Ion:128 Resp: 50798

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.7	8.6	12.8