Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
Data File : VU028477.D
Acq On : 05 Dec 2018 14:01
Operator : MD/SY
Sample : J6208-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-6

Quant Time: Dec 06 01:33:26 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	392648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	720300	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	668047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	320256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	301815	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.98%			
35) Dibromofluoromethane	4.88	113	92318	19.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 38.54%			
50) Toluene-d8	7.57	98	937093	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.84%			
62) 4-Bromofluorobenzene	10.31	95	340259	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.56%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	3359	2.253	ug/l #	76
13) Acrolein	2.18	56	311	0.235	ug/l #	1
14) Allyl chloride	2.70	41	267351	24.395	ug/l #	27
16) Acetone	2.32	43	104680	26.077	ug/l	94
18) Methyl Acetate	2.70	43	29919	2.677	ug/l #	90
20) Methylene Chloride	2.70	84	6270956	1109.142	ug/l	91
25) 2-Butanone	4.28	43	11327	1.969	ug/l	91
28) Bromochloromethane	4.56	49	9223	1.734	ug/l #	89
29) Tetrahydrofuran	4.65	42	1009	0.270	ug/l #	82
31) Cyclohexane	4.98	56	9590	0.496	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	32388	4.109	ug/l #	50
37) Ethyl Acetate	4.28	43	11327	1.055	ug/l #	71
38) Carbon Tetrachloride	4.98	117	36627	5.659	ug/l #	16
48) Methyl methacrylate	6.54	41	19342	2.181	ug/l #	26
51) 4-Methyl-2-Pentanone	7.47	43	6963	0.640	ug/l	98
59) 2-Hexanone	8.37	43	2395	0.284	ug/l	80
67) Ethyl Benzene	9.25	91	6792	0.260	ug/l	100
68) m/p-Xylenes	9.37	106	10281	1.093	ug/l	87
69) o-Xylene	9.78	106	3839	0.411	ug/l	96
76) 1,2,3-Trichloropropane	10.31	75	170602	19.210	ug/l #	33
80) 1,3,5-Trimethylbenzene	10.77	105	10333	0.492	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.31	75	170602	50.992	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	34392	1.618	ug/l	99
89) n-Butylbenzene	11.89	91	4229	0.205	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.50	180	1793	0.256	ug/l #	71
95) Naphthalene	13.74	128	258675	11.888	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	1495	0.211	ug/l #	90

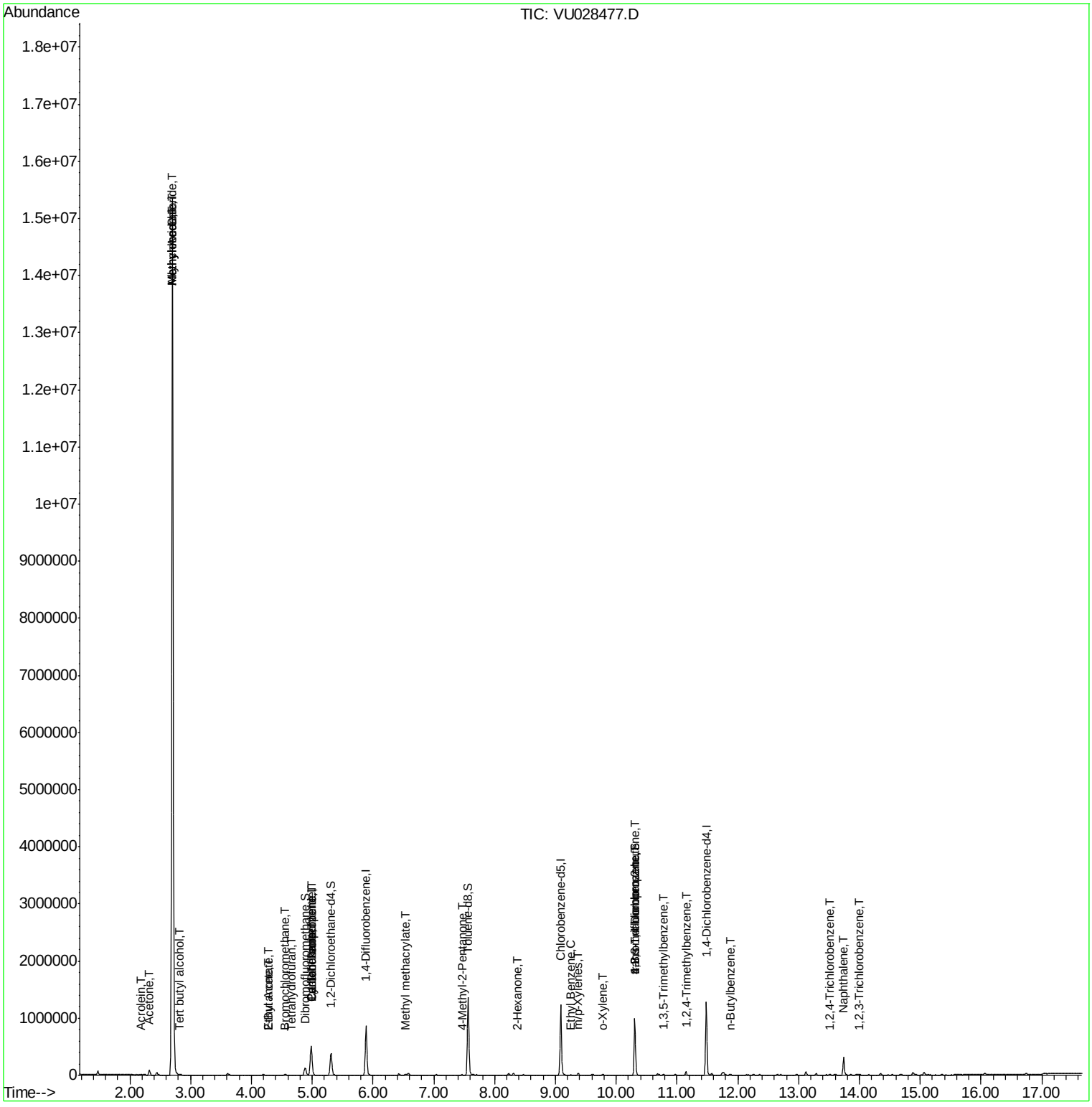
(#) = qualifier out of range (m) = manual integration (+) = signals summed

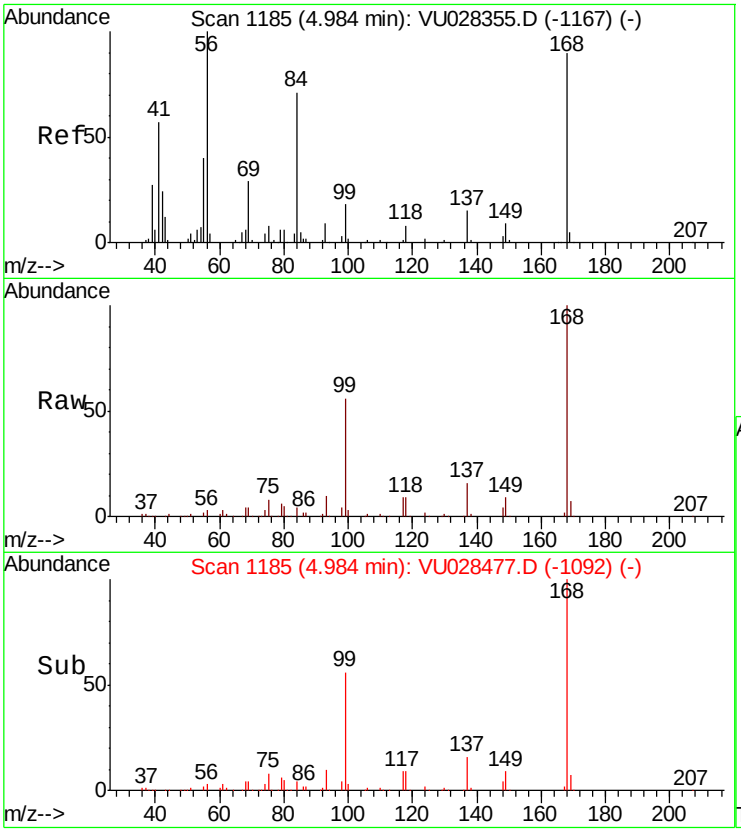
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120518\
Data File : VU028477.D
Acq On : 05 Dec 2018 14:01
Operator : MD/SY
Sample : J6208-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Quant Time: Dec 06 01:33:26 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



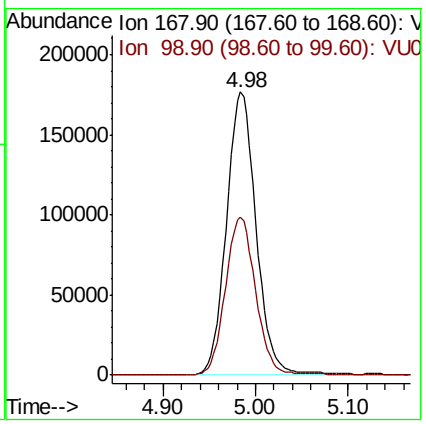


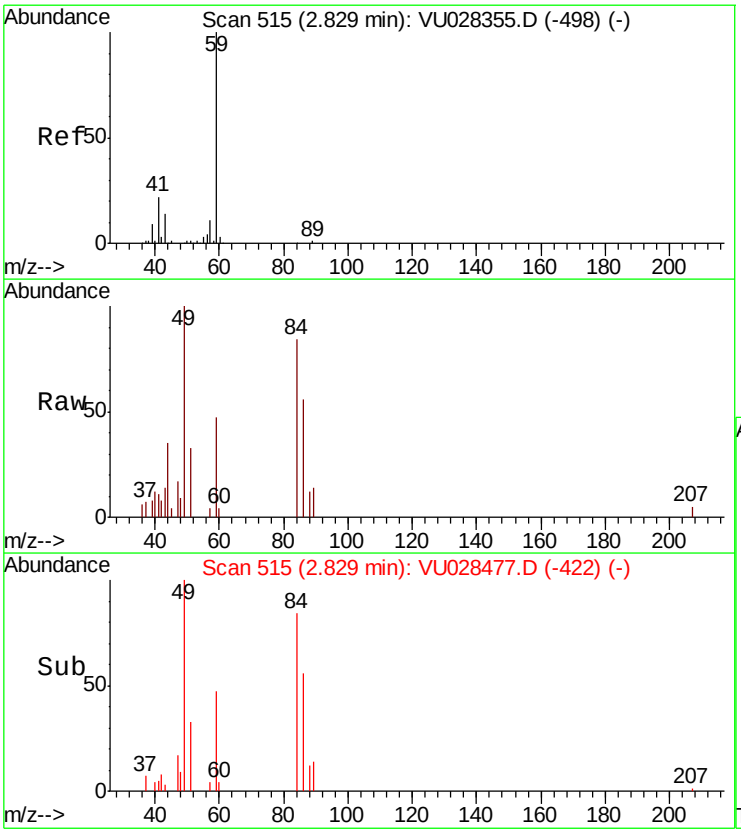
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:168 Resp: 392648

Ion	Ratio	Lower	Upper
168	100		
99	55.8	49.6	74.4

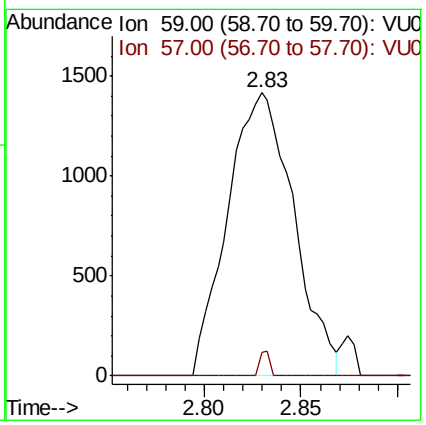


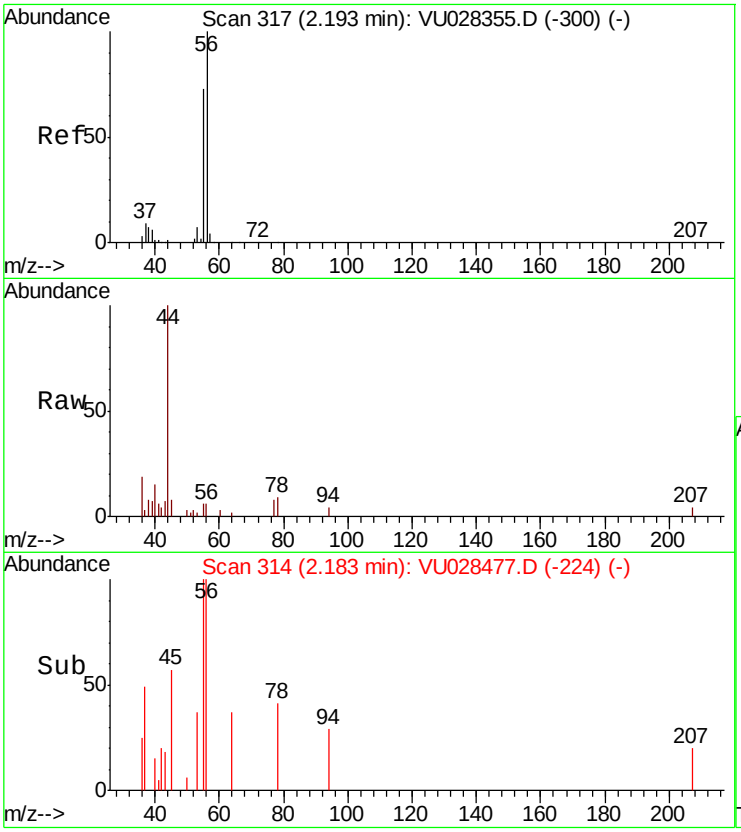


#11
Tert butyl alcohol
Concen: 2.253 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 59 Resp: 3359

Ion	Ratio	Lower	Upper
59	100		
57	1.4	8.3	12.5#



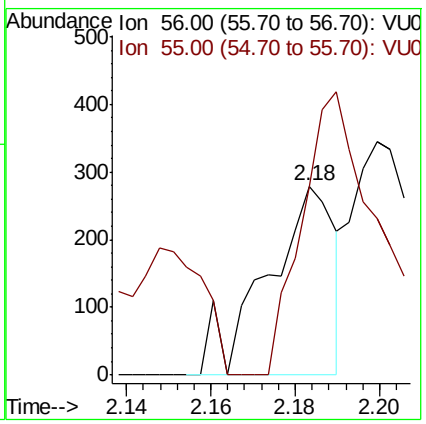


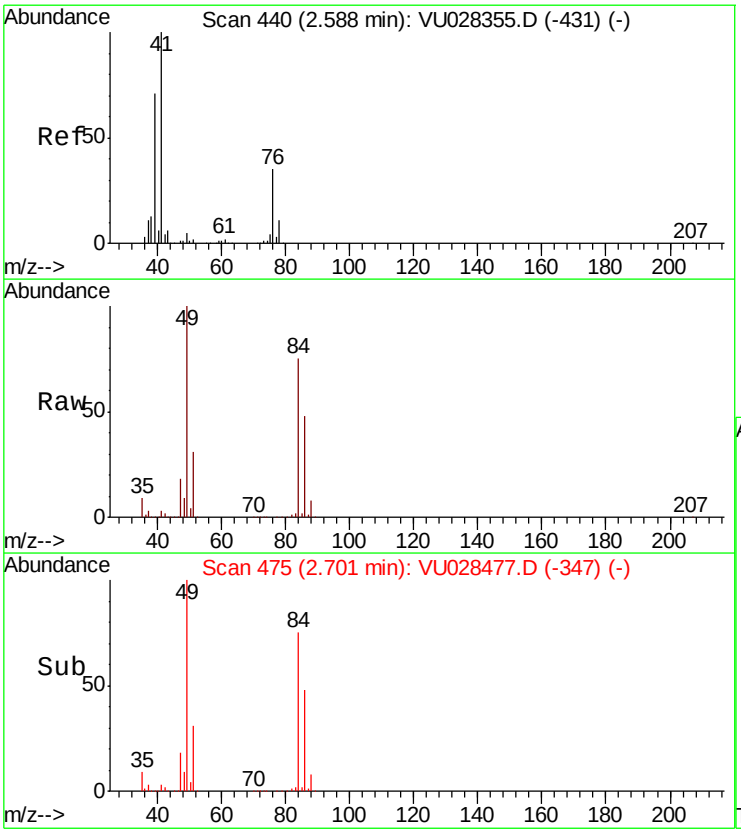
#13
Acrolein
Concen: 0.235 ug/l
RT: 2.18 min Scan# 314
Delta R.T. -0.01 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion: 56 Resp: 311

Ion	Ratio	Lower	Upper
56	100		
55	164.3	56.6	85.0#

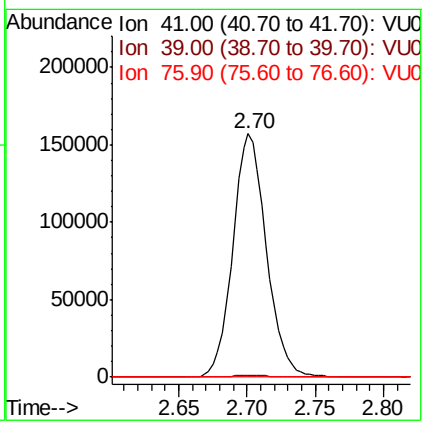


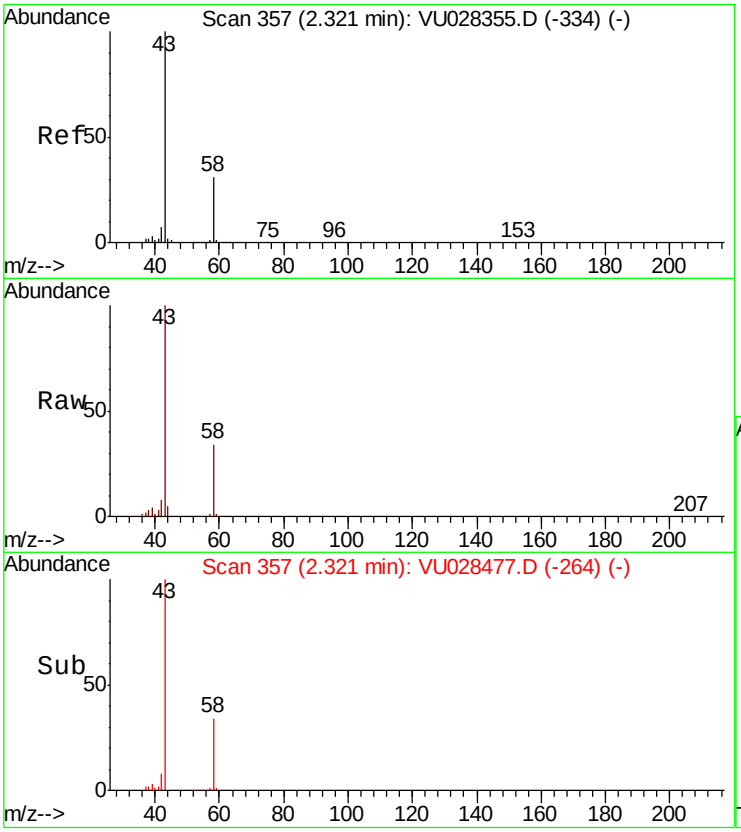


#14
Allyl chloride
Concen: 24.395 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.11 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 41 Resp: 267351

Ion	Ratio	Lower	Upper
41	100		
39	0.8	51.6	77.4#
76	0.0	24.4	36.6#



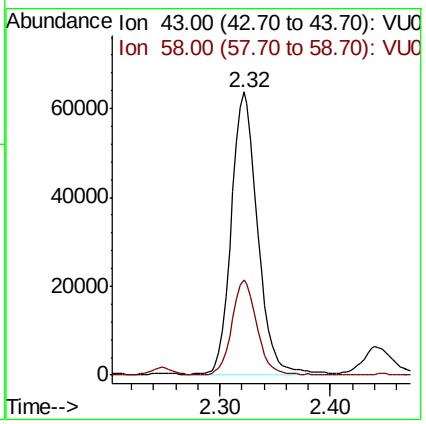


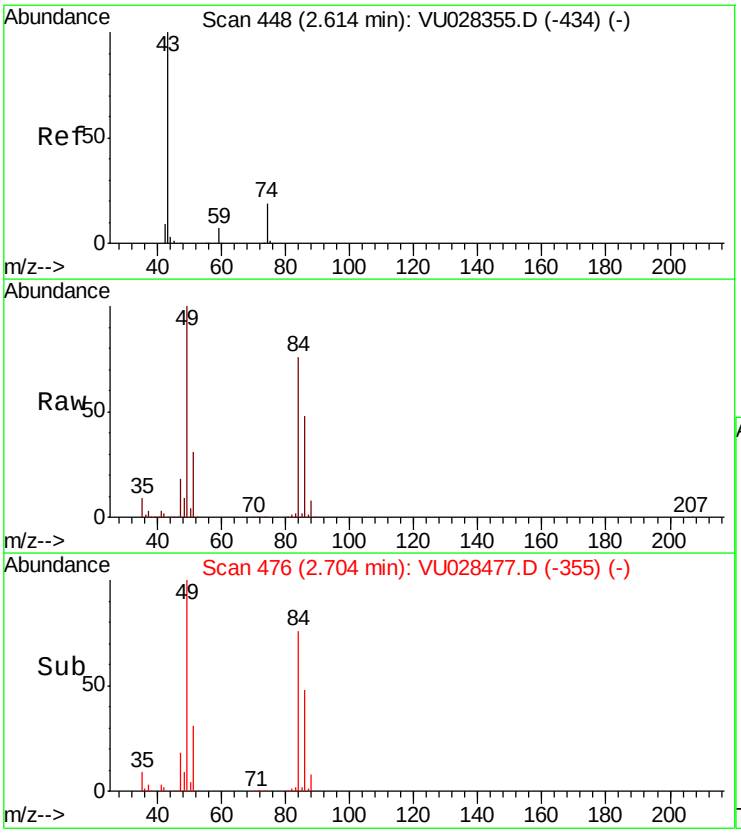
#16
Acetone
Concen: 26.077 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion: 43 Resp: 104680

Ion	Ratio	Lower	Upper
43	100		
58	33.9	24.4	36.6

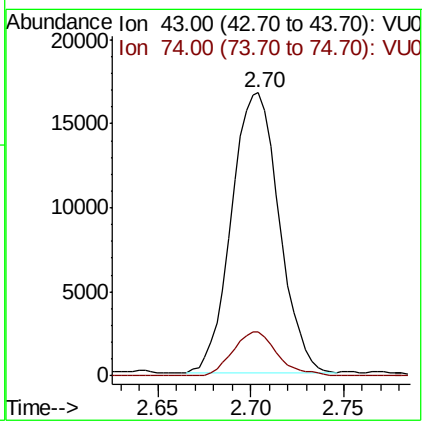


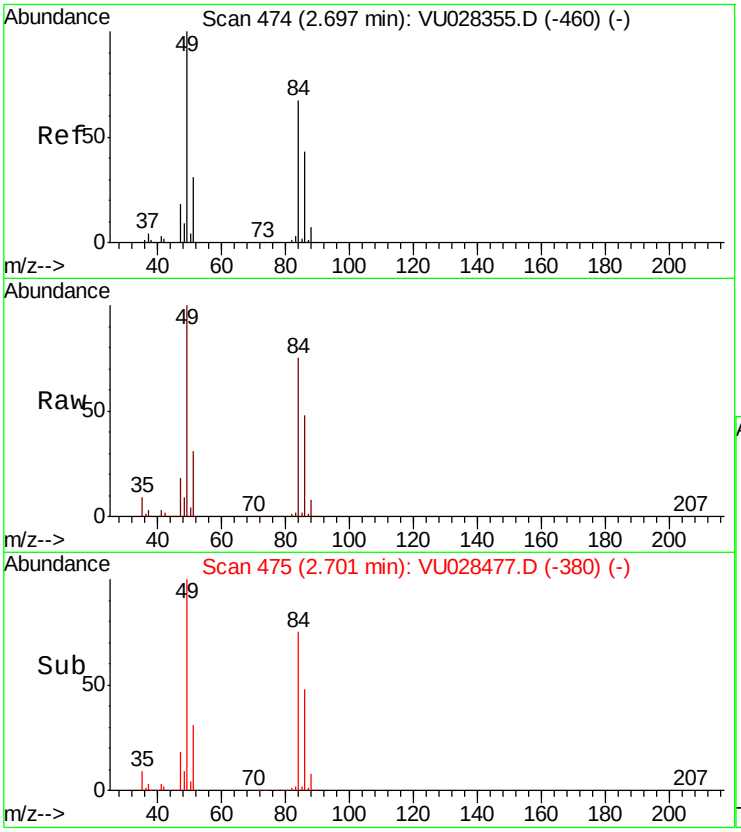


#18
Methyl Acetate
Concen: 2.677 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.09 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 43 Resp: 29919

Ion	Ratio	Lower	Upper
43	100		
74	14.6	15.3	22.9#



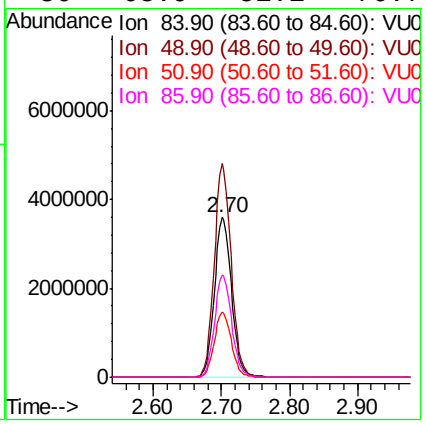


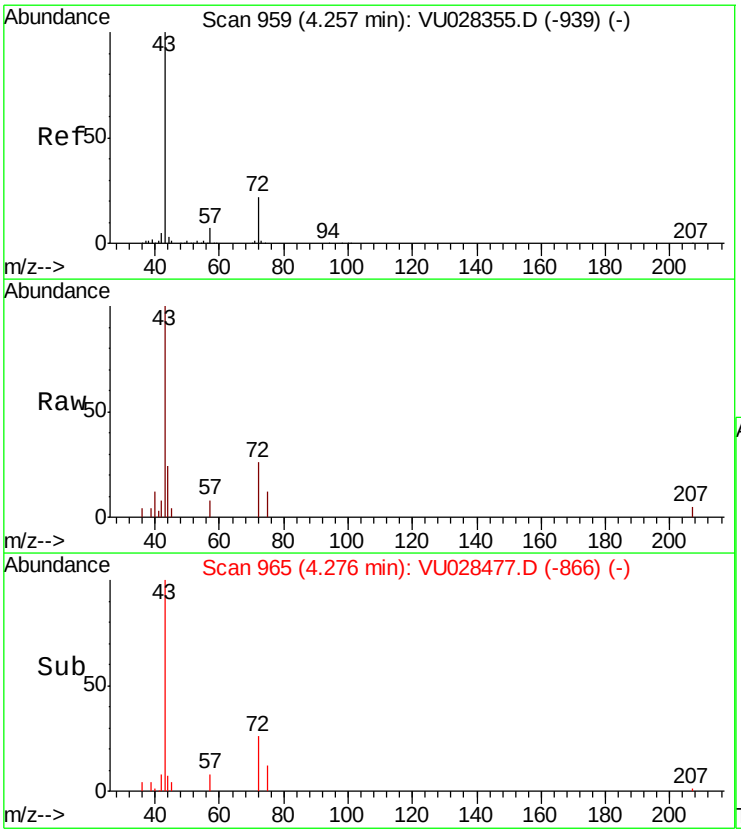
#20
Methylene Chloride
Concen: 1109.142 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion: 84 Resp: 6270956

Ion	Ratio	Lower	Upper
84	100		
49	133.6	120.0	180.0
51	41.1	36.9	55.3
86	63.9	51.1	76.7

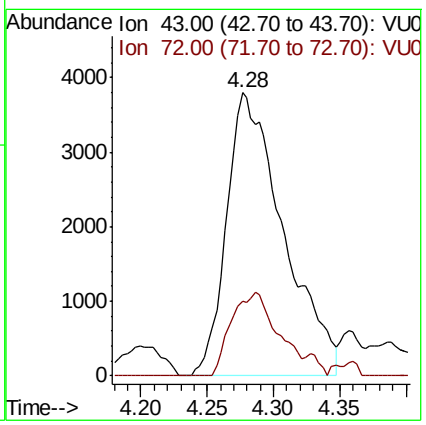


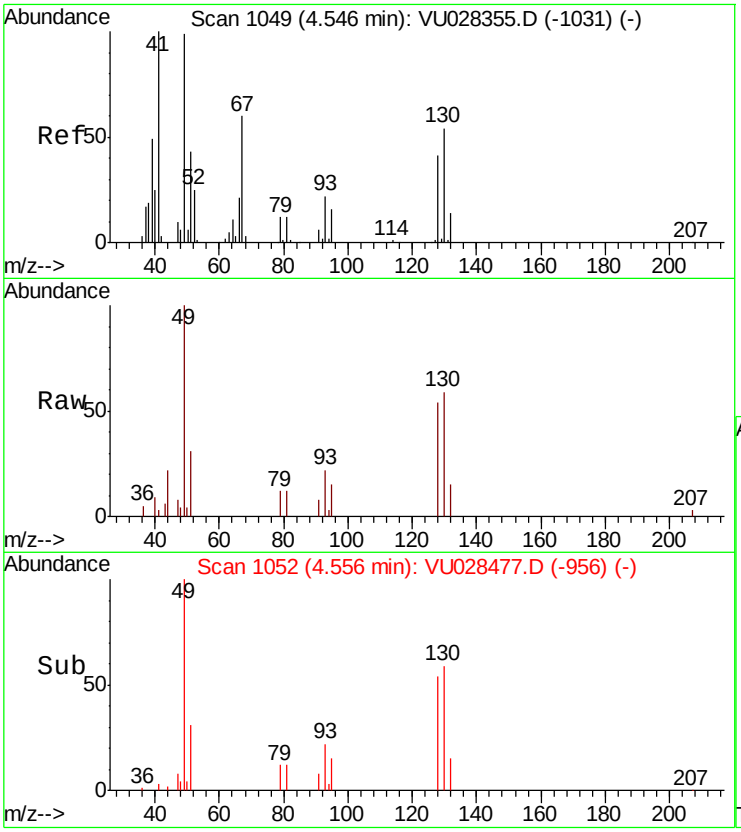


#25
2-Butanone
Concen: 1.969 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 43 Resp: 11327

Ion	Ratio	Lower	Upper
43	100		
72	26.3	17.7	26.5



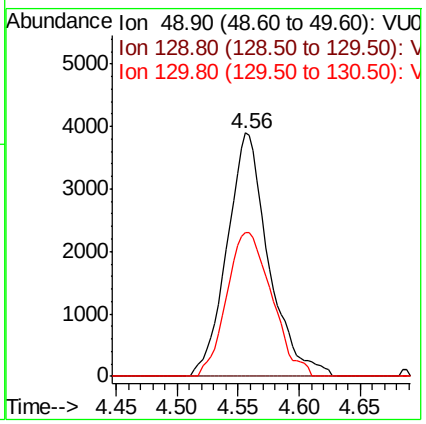


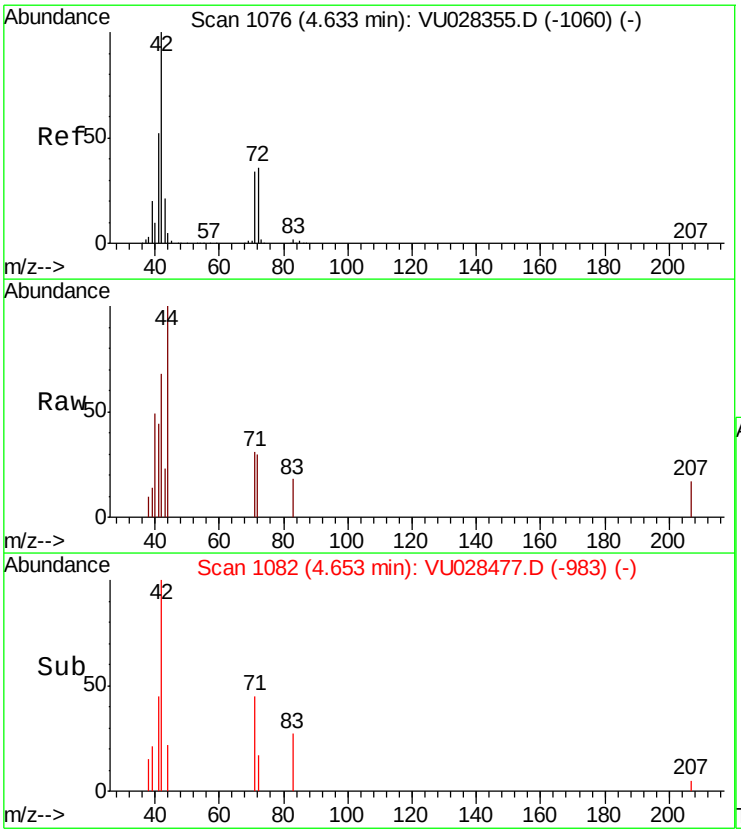
#28
Bromochloromethane
Concen: 1.734 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion: 49 Resp: 9223

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.6
130	64.1	44.5	66.7

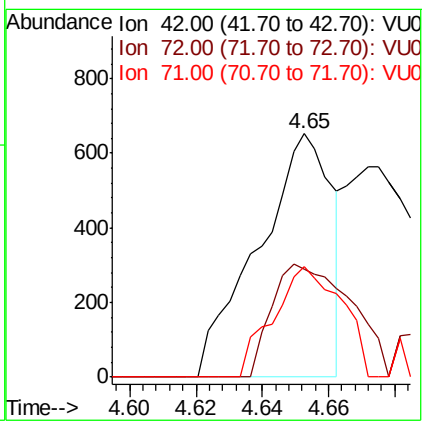


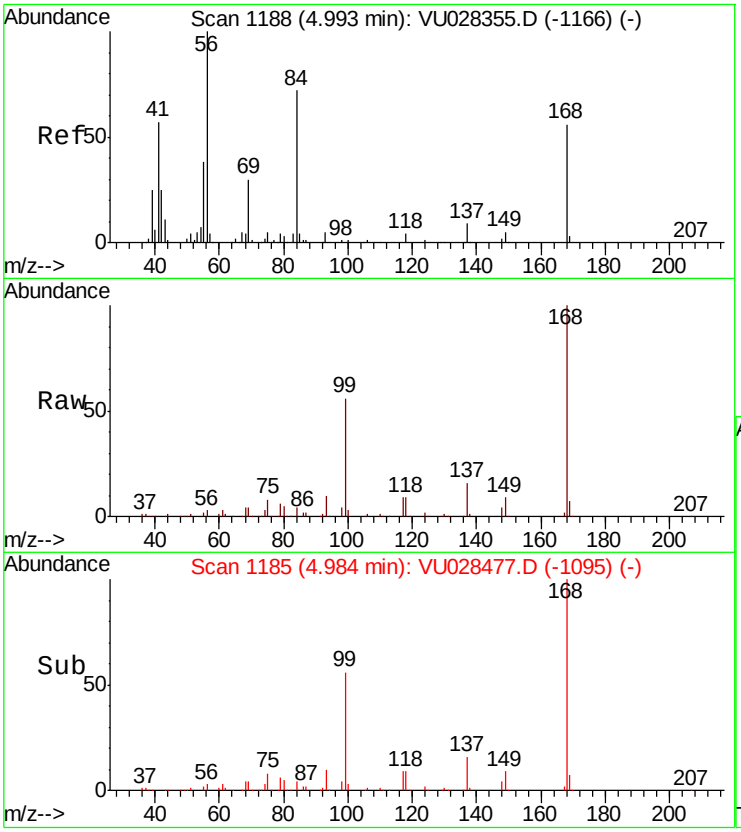


#29
Tetrahydrofuran
Concen: 0.270 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 42 Resp: 1009

Ion	Ratio	Lower	Upper
42	100		
72	49.9	29.5	44.3#
71	42.1	27.7	41.5#



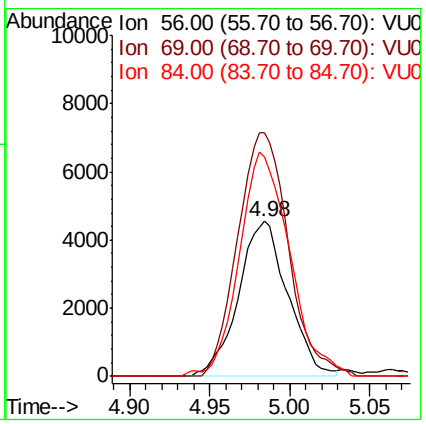


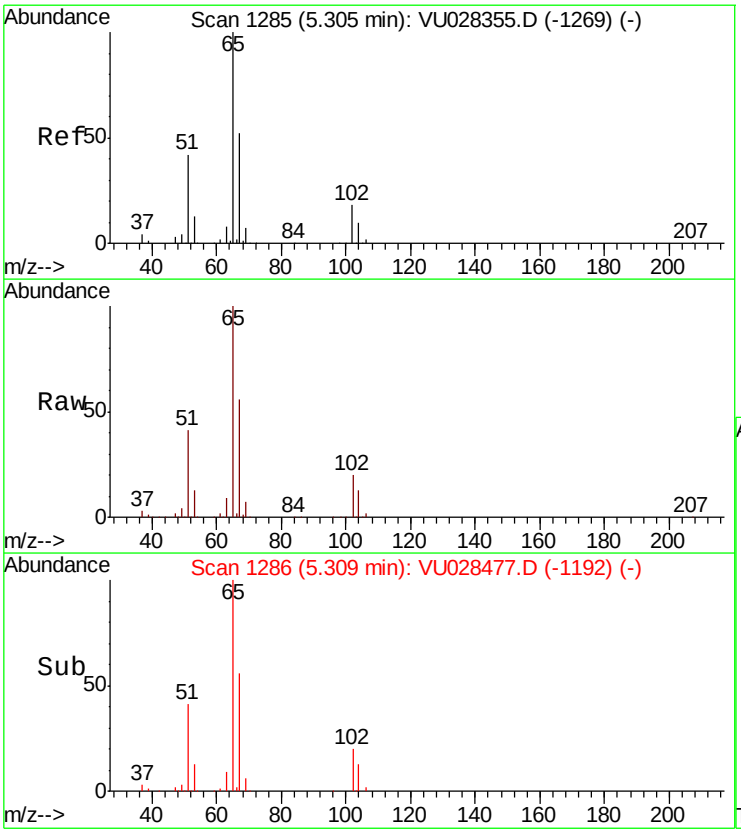
#31
Cyclohexane
Concen: 0.496 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion: 56 Resp: 9590

Ion	Ratio	Lower	Upper
56	100		
69	156.6	23.7	35.5#
84	139.4	57.3	85.9#

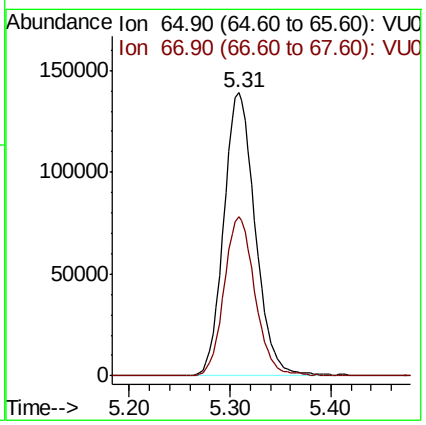


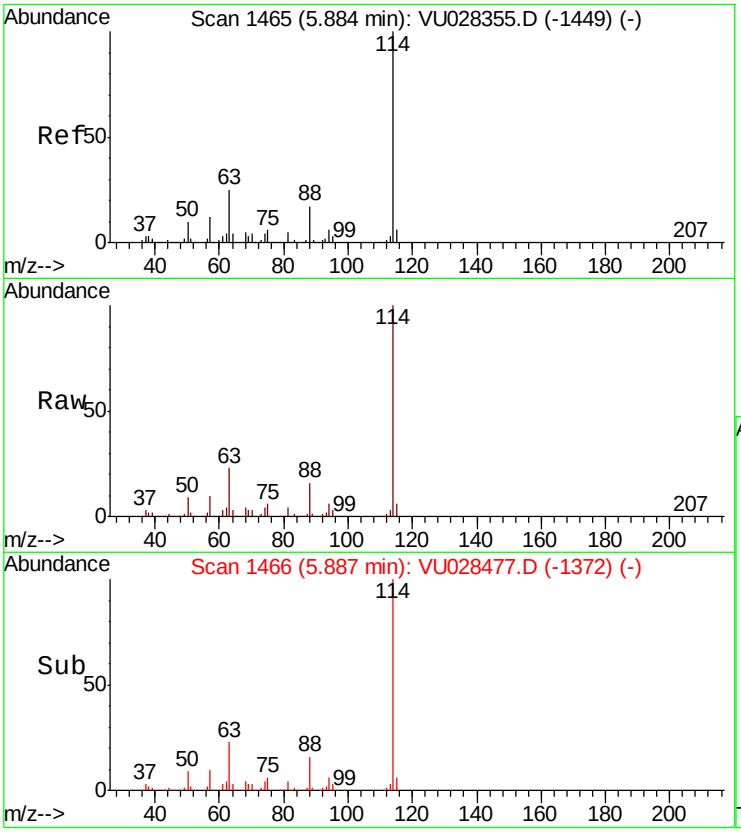


#33
1,2-Dichloroethane-d4
Concen: 45.993 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 65 Resp: 301815

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	106.8



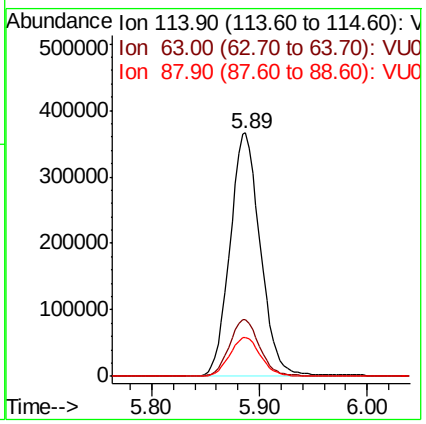


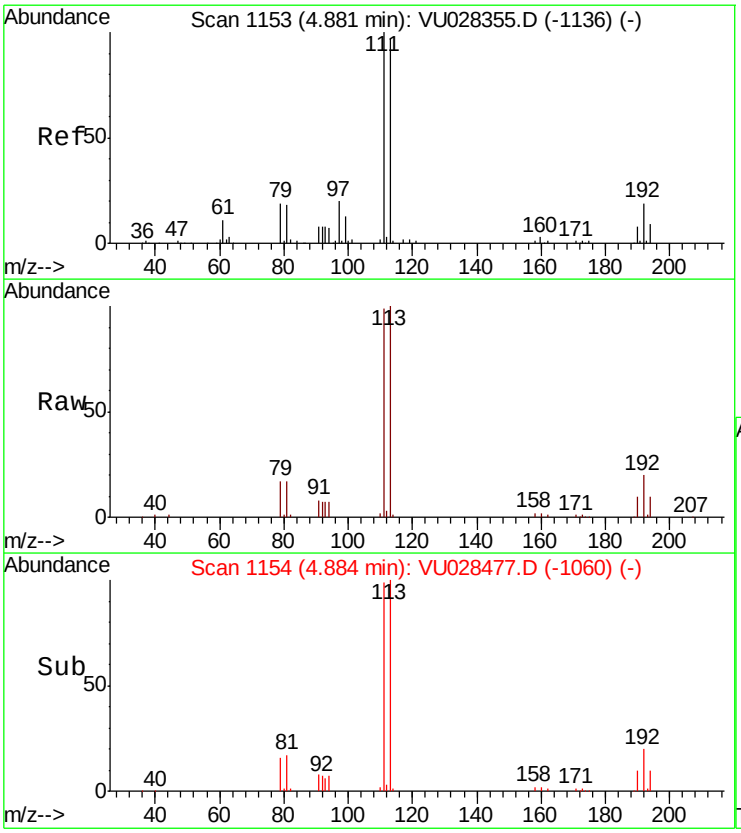
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:114 Resp: 720300

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	50.0
88	16.2	0.0	34.4

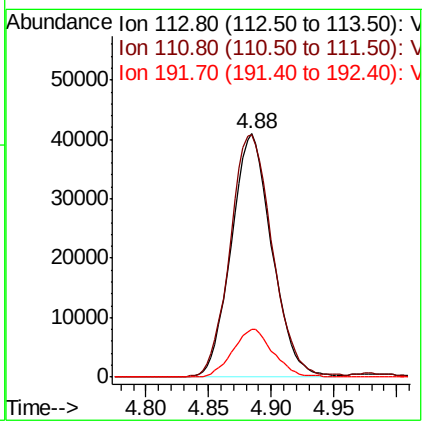


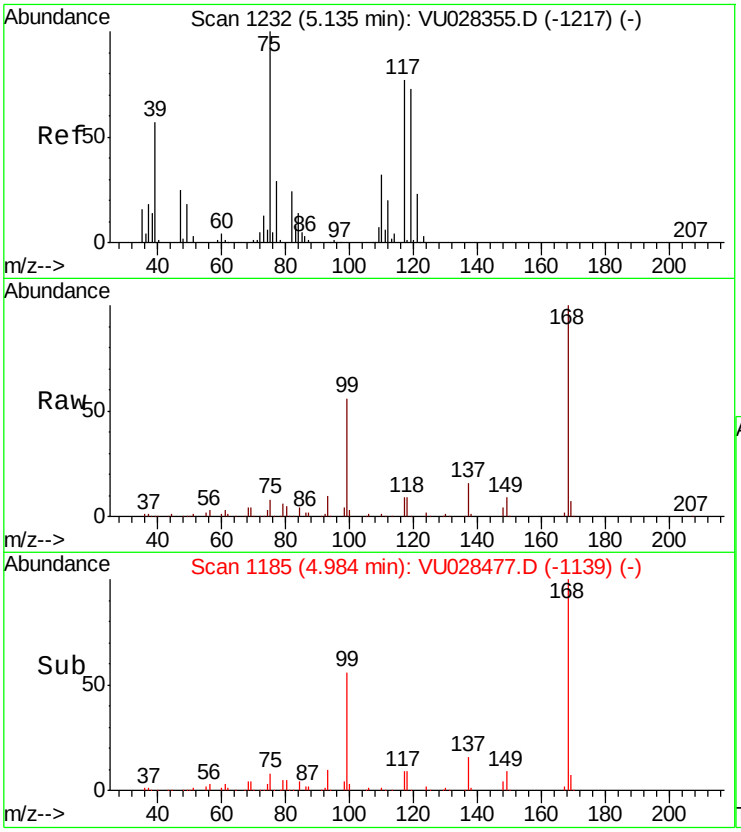


#35
Dibromofluoromethane
Concen: 19.274 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion:113 Resp: 92318

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	19.6	15.4	23.0



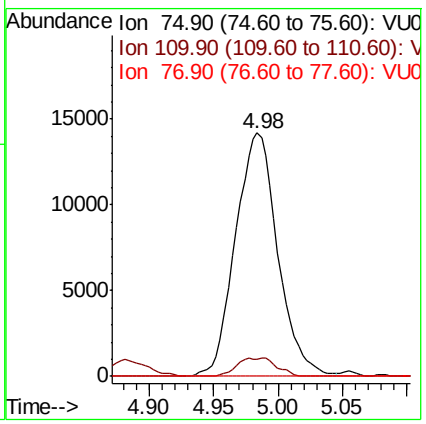


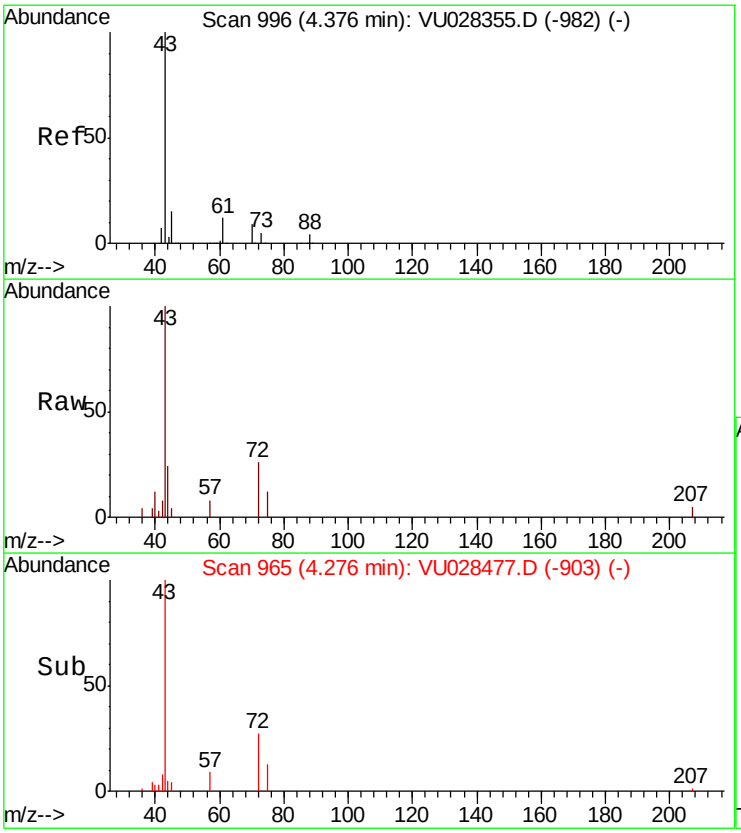
#36
1,1-Dichloropropene
Concen: 4.109 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion: 75 Resp: 32388

Ion	Ratio	Lower	Upper
75	100		
110	7.1	15.8	47.4#
77	0.0	24.6	36.8#

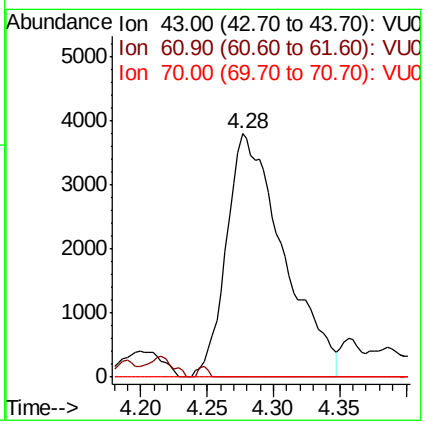


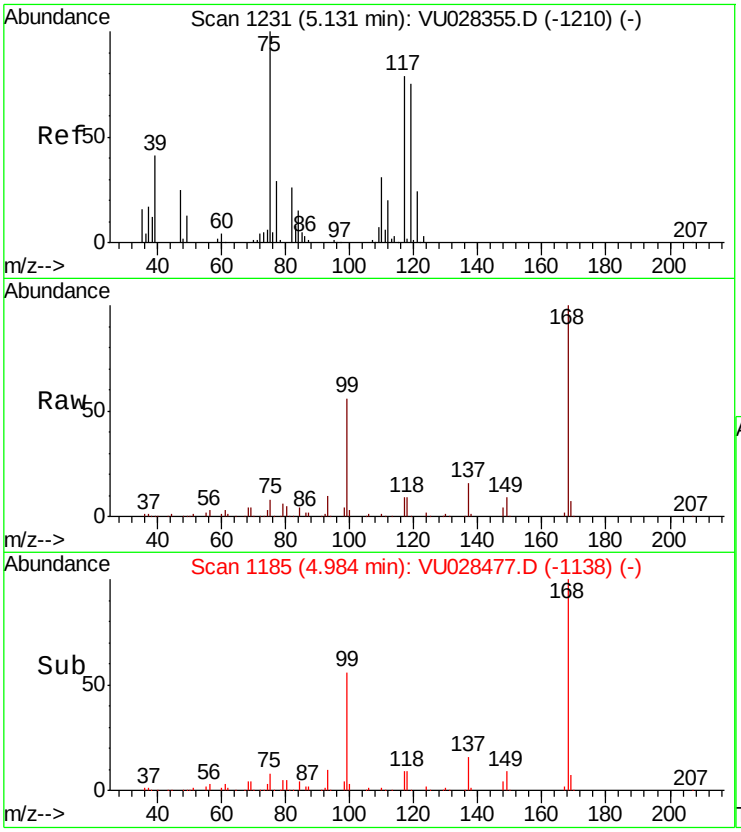


#37
Ethyl Acetate
Concen: 1.055 ug/l
RT: 4.28 min Scan# 965
Delta R.T. -0.10 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 43 Resp: 11327

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.4#
70	0.0	6.9	10.3#



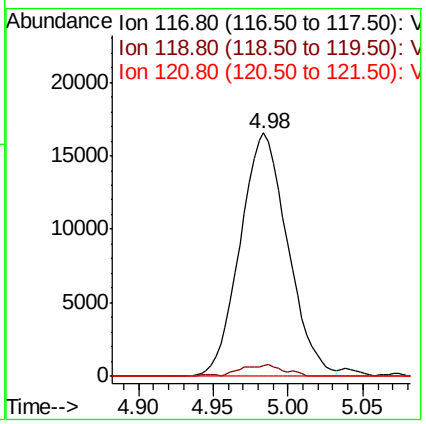


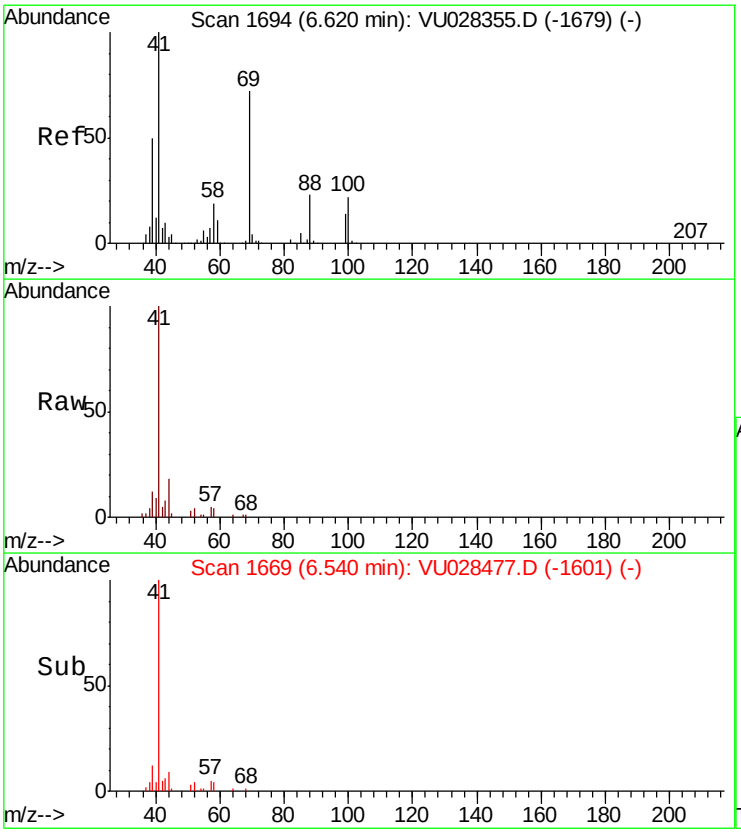
#38
Carbon Tetrachloride
Concen: 5.659 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion:117 Resp: 36627

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	24.7	37.1#

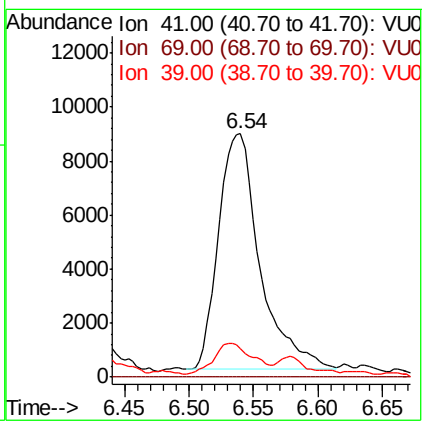


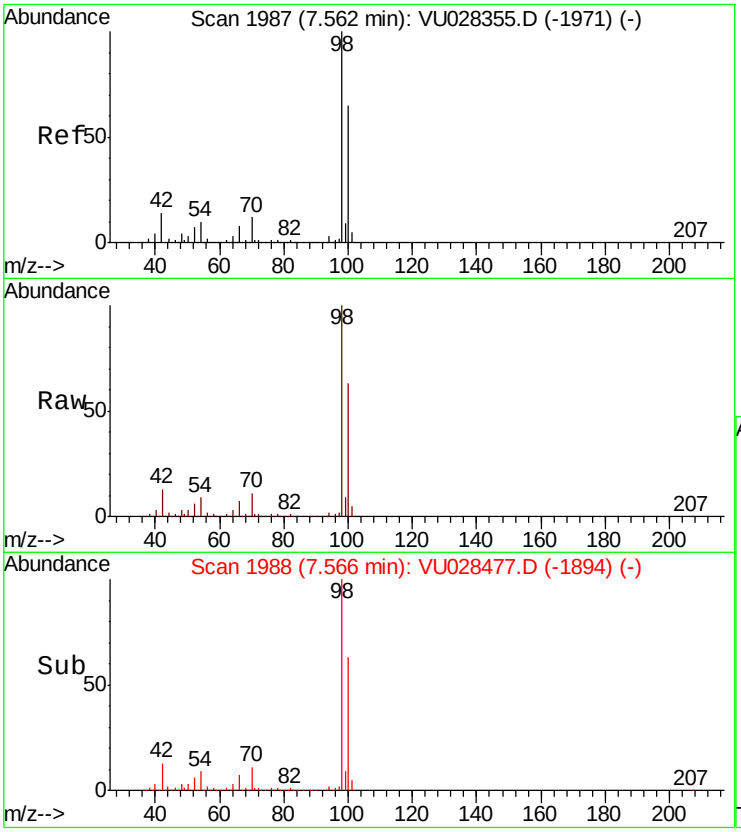


#48
Methyl methacrylate
Concen: 2.181 ug/l
RT: 6.54 min Scan# 1669
Delta R.T. -0.08 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 41 Resp: 19342

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.0	88.4#
39	12.5	40.5	60.7#



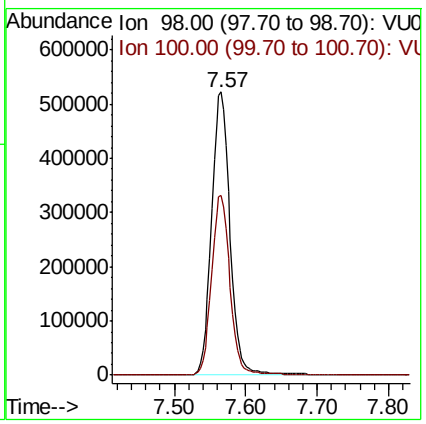


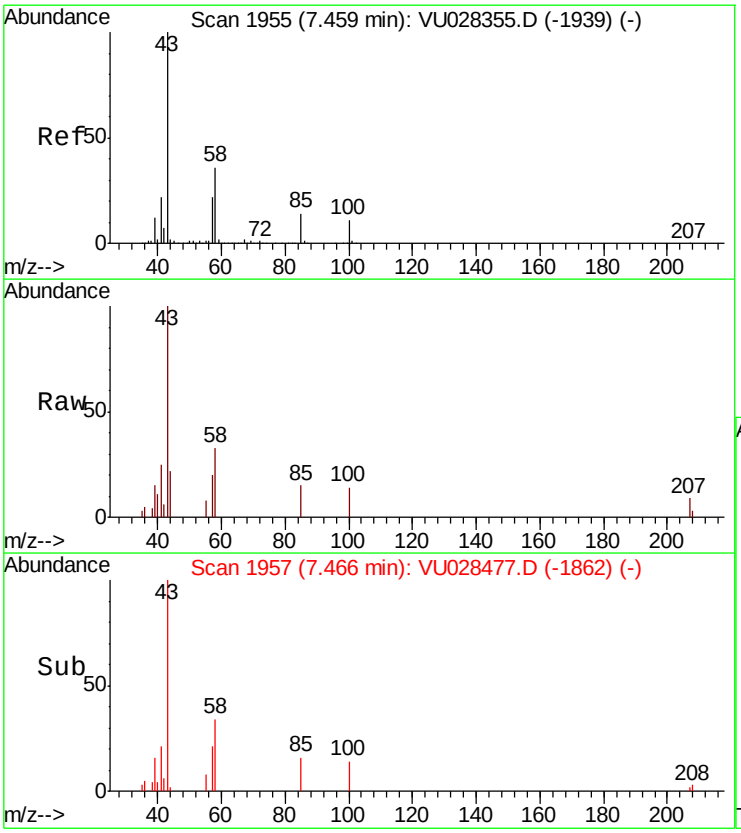
#50
Toluene-d8
Concen: 48.920 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion: 98 Resp: 937093

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.8	76.2

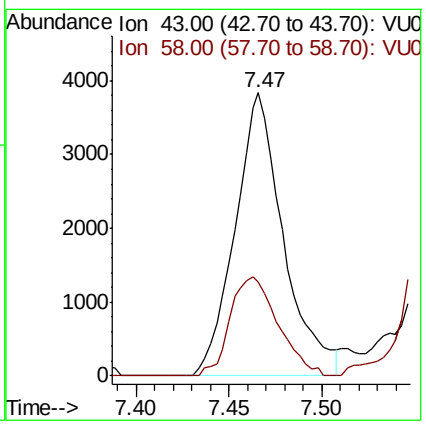


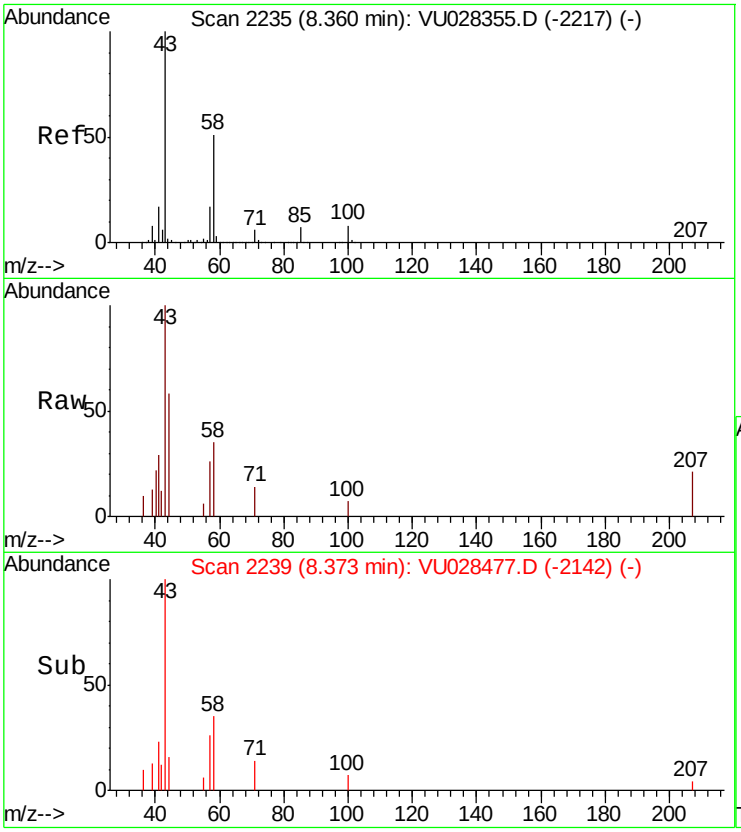


#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 43 Resp: 6963

Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.8	43.2



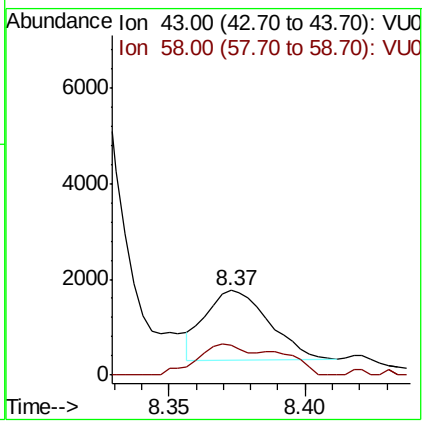


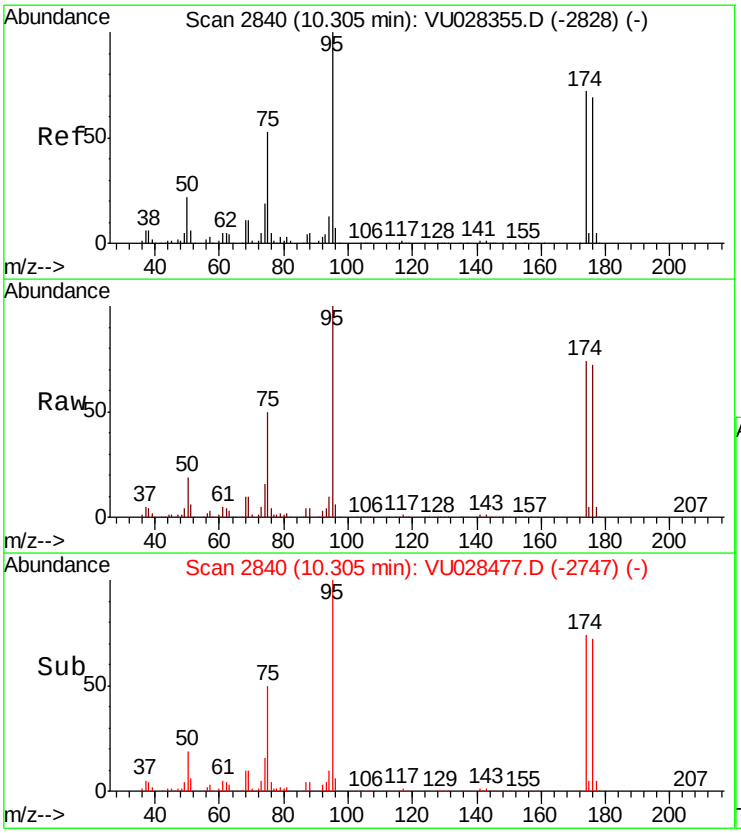
#59
2-Hexanone
Concen: 0.284 ug/l
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion: 43 Resp: 2395

Ion	Ratio	Lower	Upper
43	100		
58	36.7	25.5	76.5

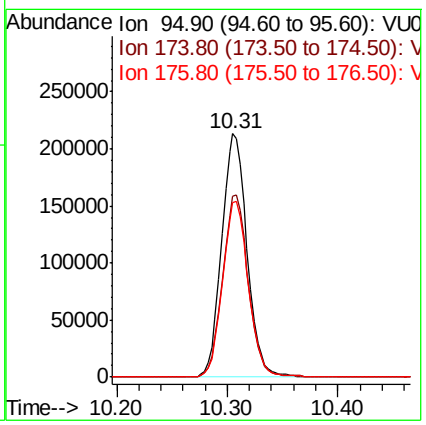


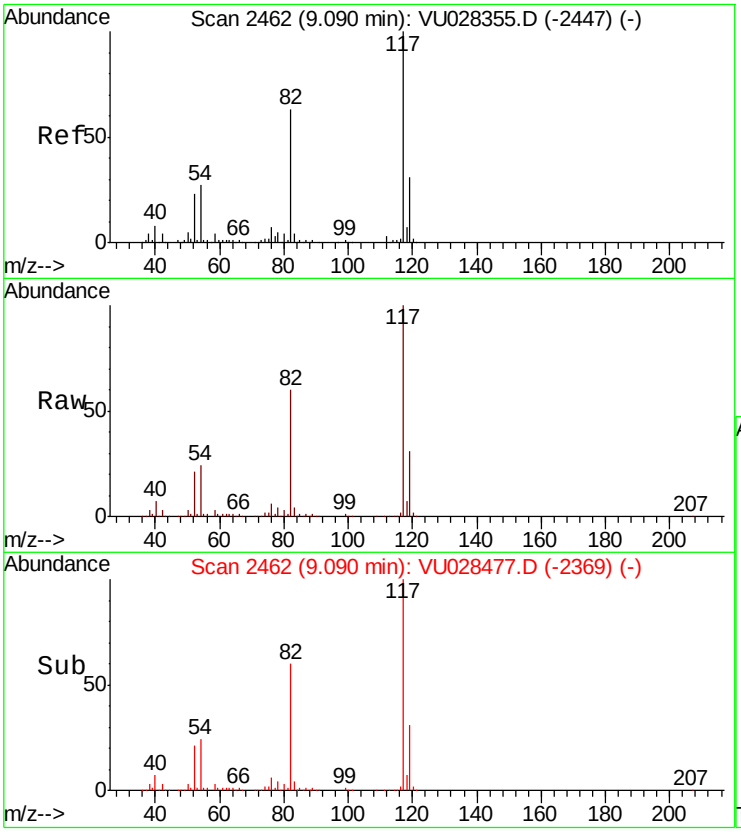


#62
4-Bromofluorobenzene
Concen: 49.283 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 95 Resp: 340259

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	145.4
176	73.7	0.0	140.8



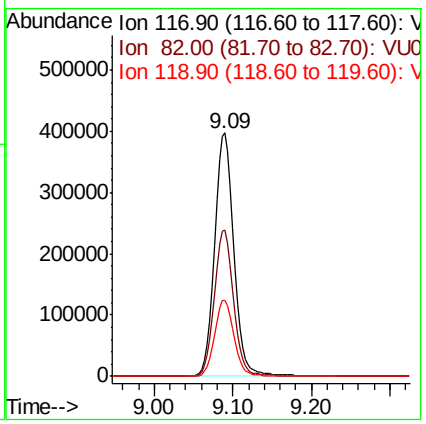


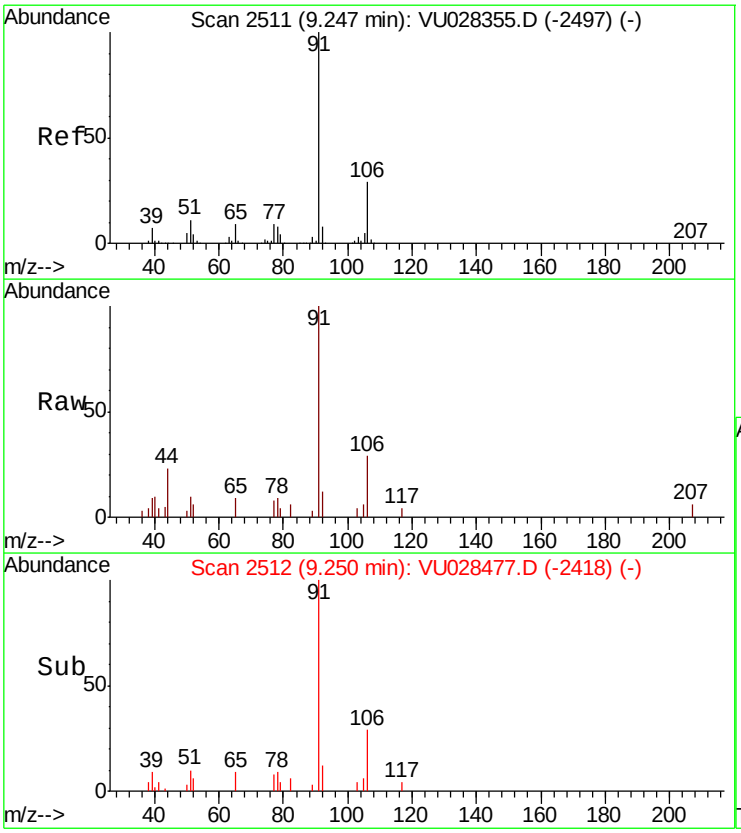
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion:117 Resp: 668047

Ion	Ratio	Lower	Upper
117	100		
82	60.1	50.3	75.5
119	31.2	24.8	37.2

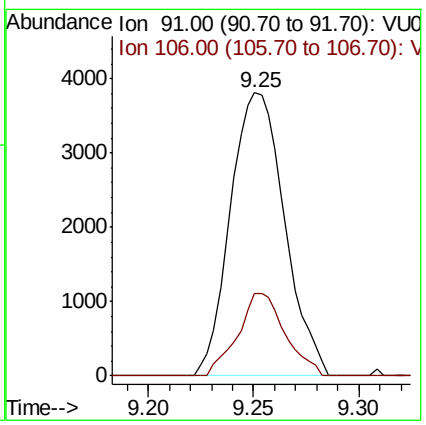


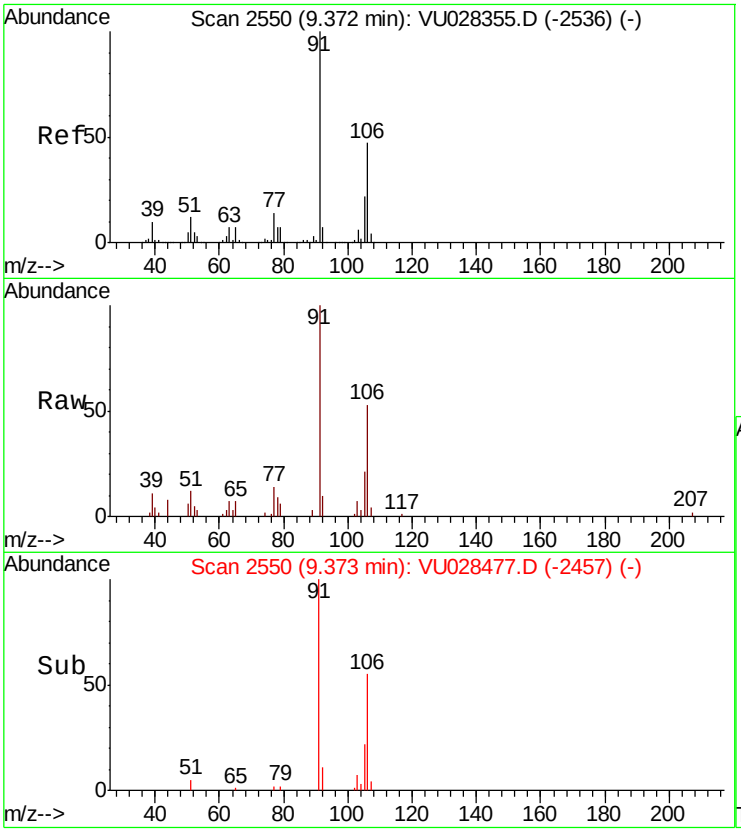


#67
Ethyl Benzene
Concen: 0.260 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 91 Resp: 6792

Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.3	34.9



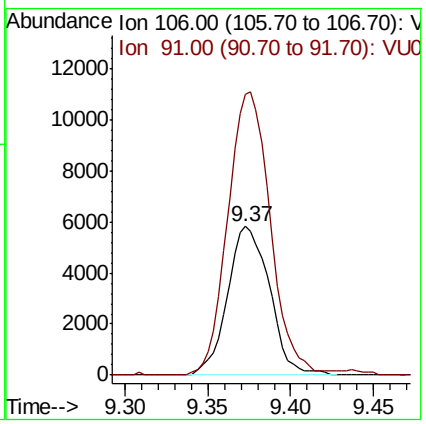


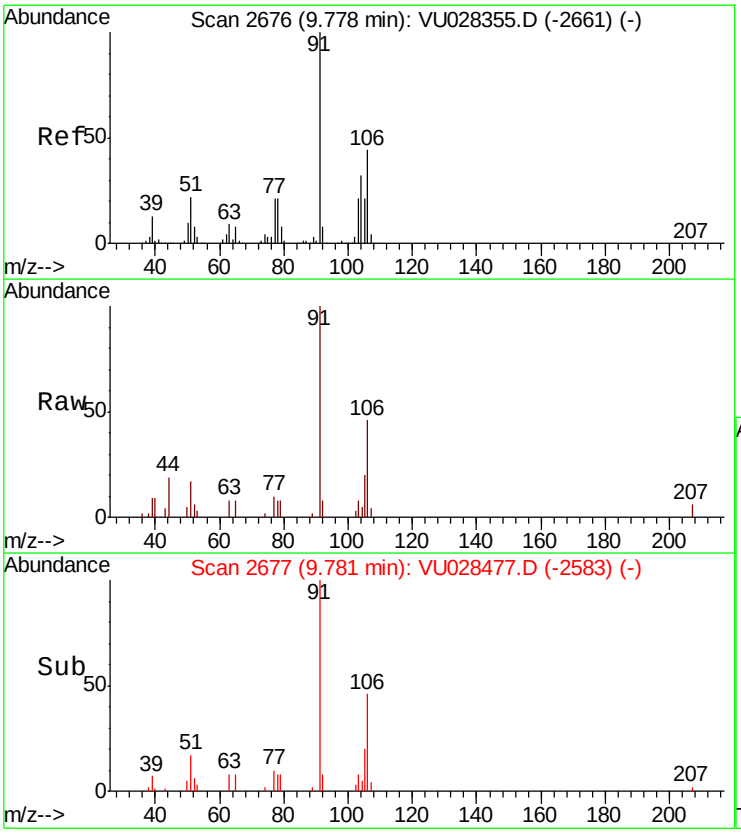
#68
m/p-Xylenes
Concen: 1.093 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion:106 Resp: 10281

Ion	Ratio	Lower	Upper
106	100		
91	192.6	171.0	256.6

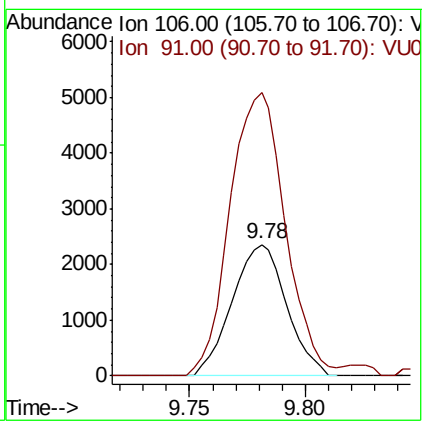


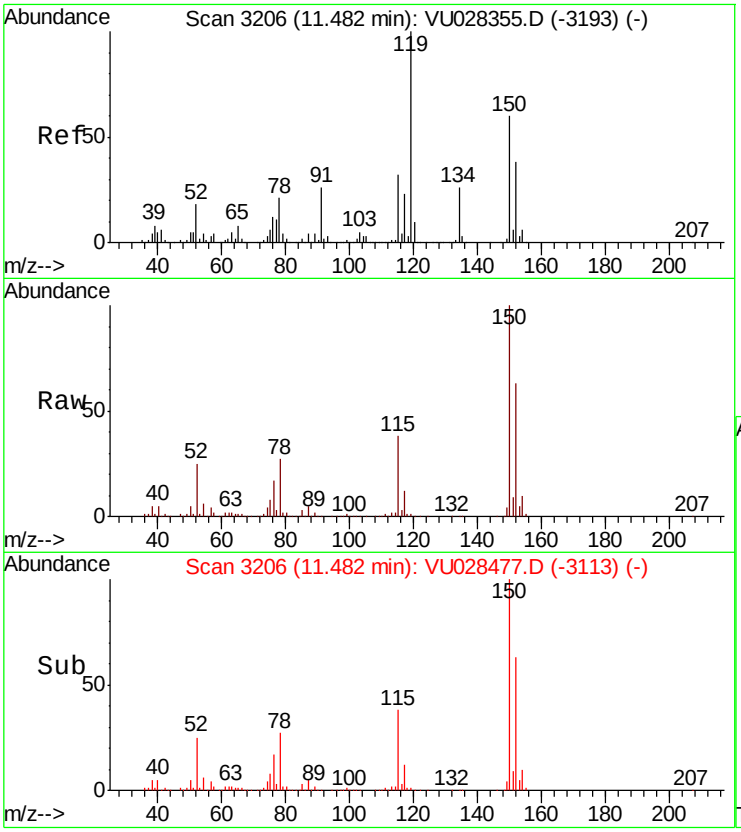


#69
o-Xylene
Concen: 0.411 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion:106 Resp: 3839

Ion	Ratio	Lower	Upper
106	100		
91	219.5	112.7	338.0



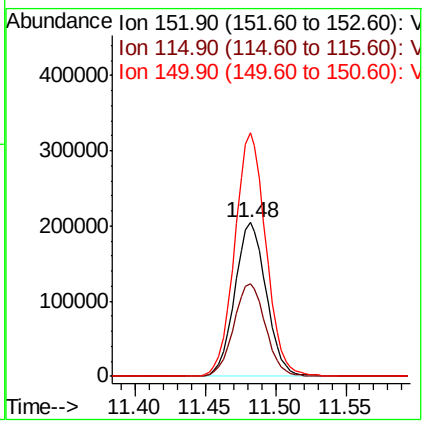


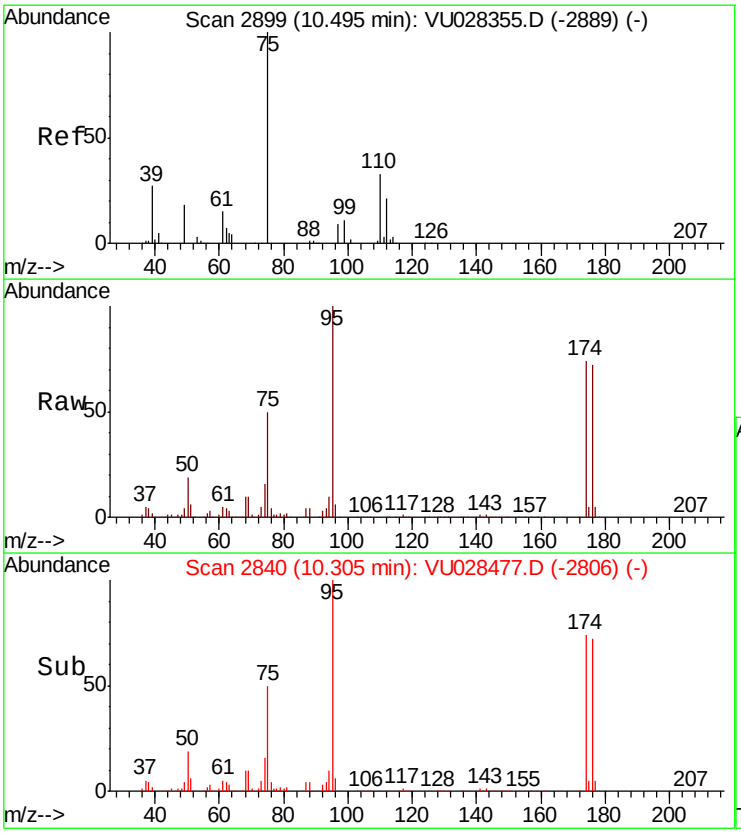
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 320256

Ion	Ratio	Lower	Upper
152	100		
115	61.0	45.0	134.8
150	156.8	0.0	349.2

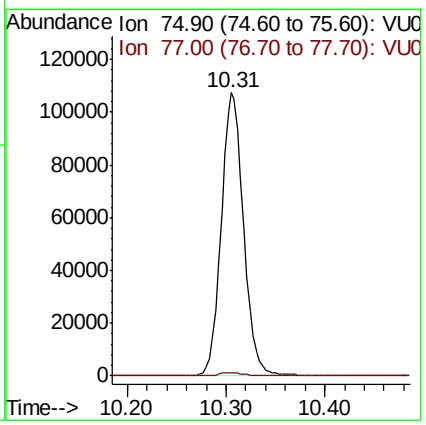


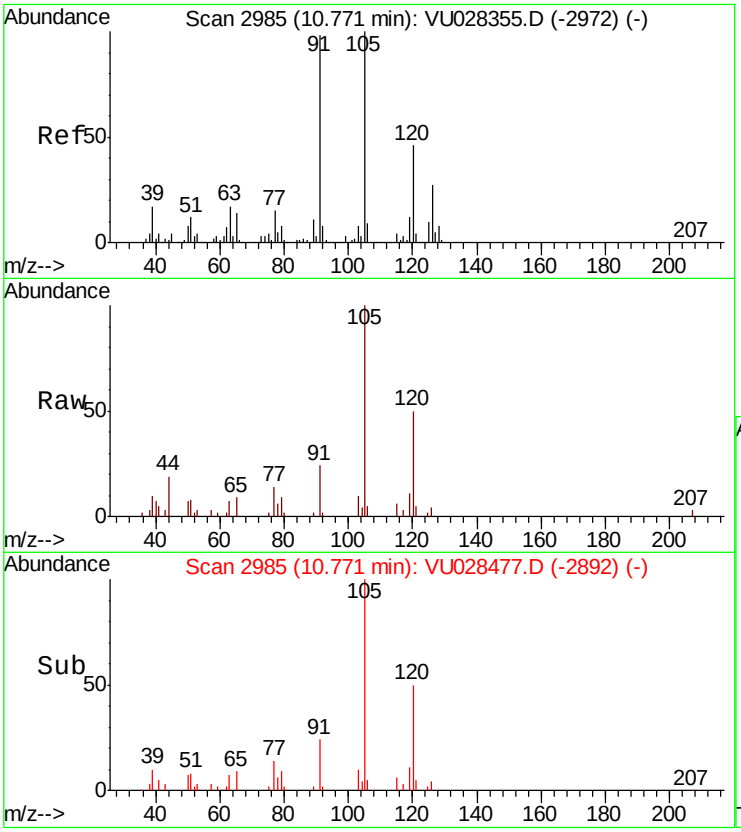


#76
1,2,3-Trichloropropane
Concen: 19.210 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 75 Resp: 170602

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.4	67.0#



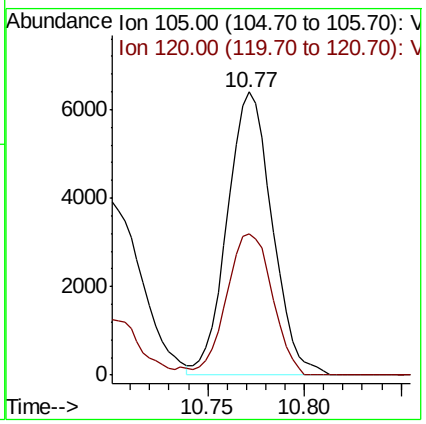


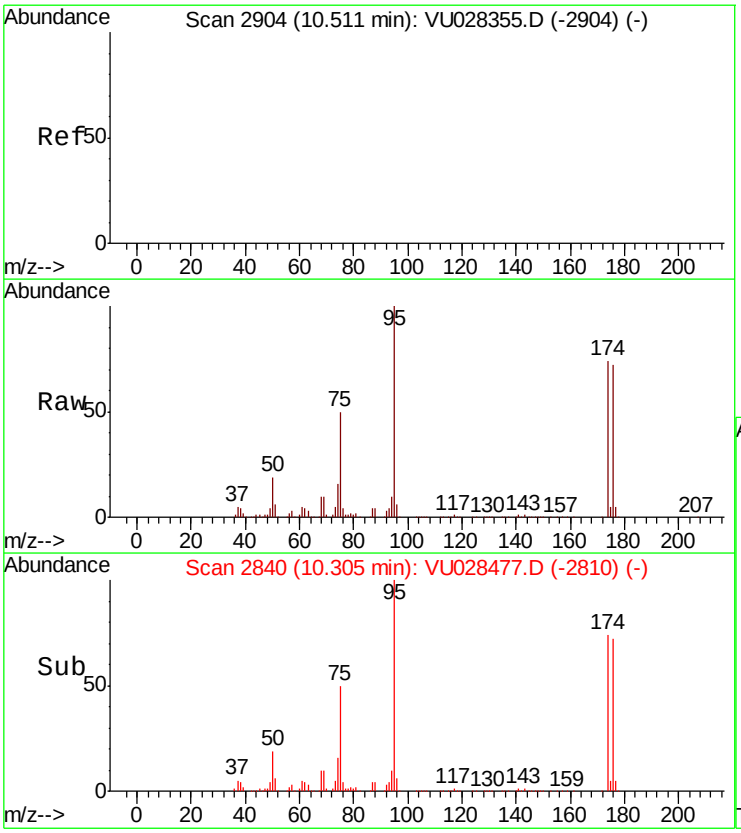
#80
1,3,5-Trimethylbenzene
Concen: 0.492 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:105 Resp: 10333

Ion	Ratio	Lower	Upper
105	100		
120	50.5	23.4	70.0

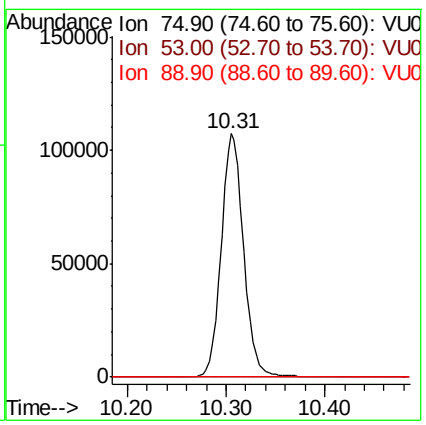


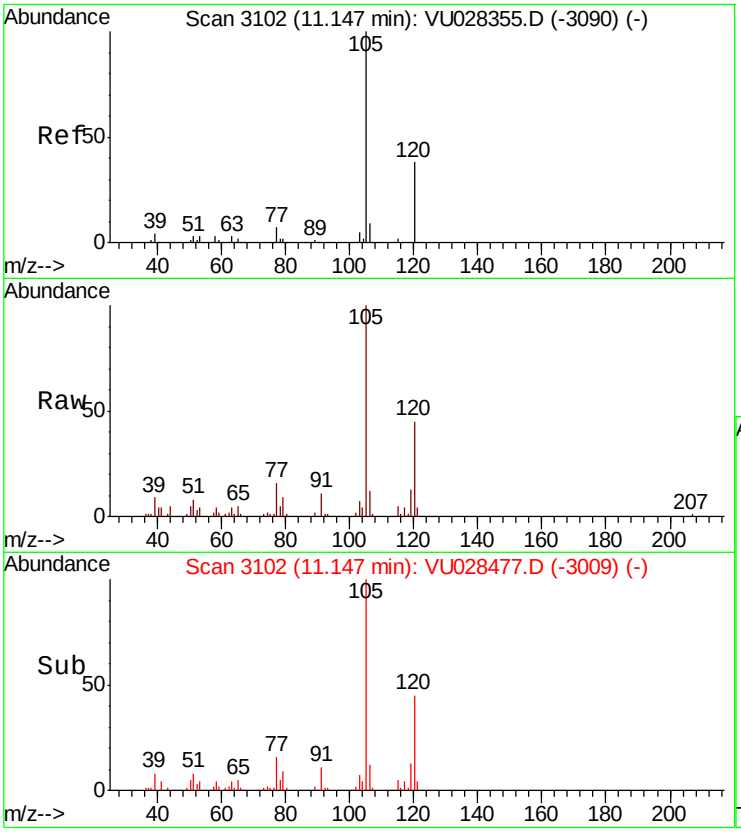


#81
trans-1,4-Dichloro-2-butene
Concen: 50.992 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. -0.20 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 75 Resp: 170602

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



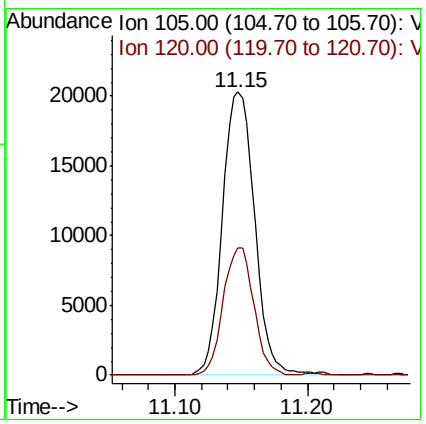


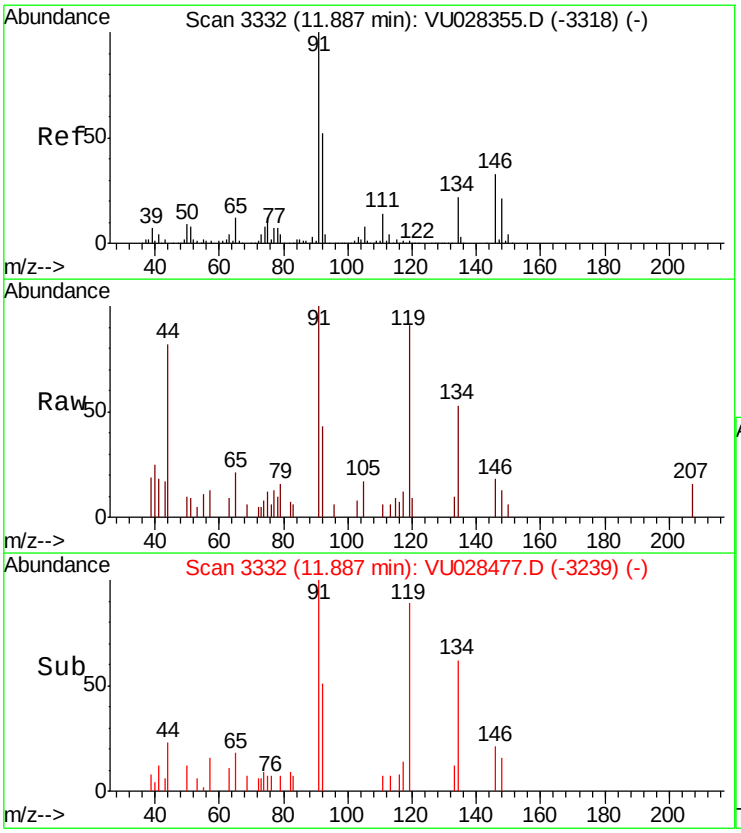
#84
1,2,4-Trimethylbenzene
Concen: 1.618 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:105 Resp: 34392

Ion	Ratio	Lower	Upper
105	100		
120	42.5	21.4	64.3

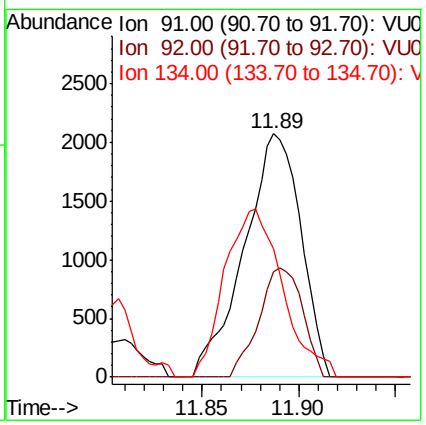


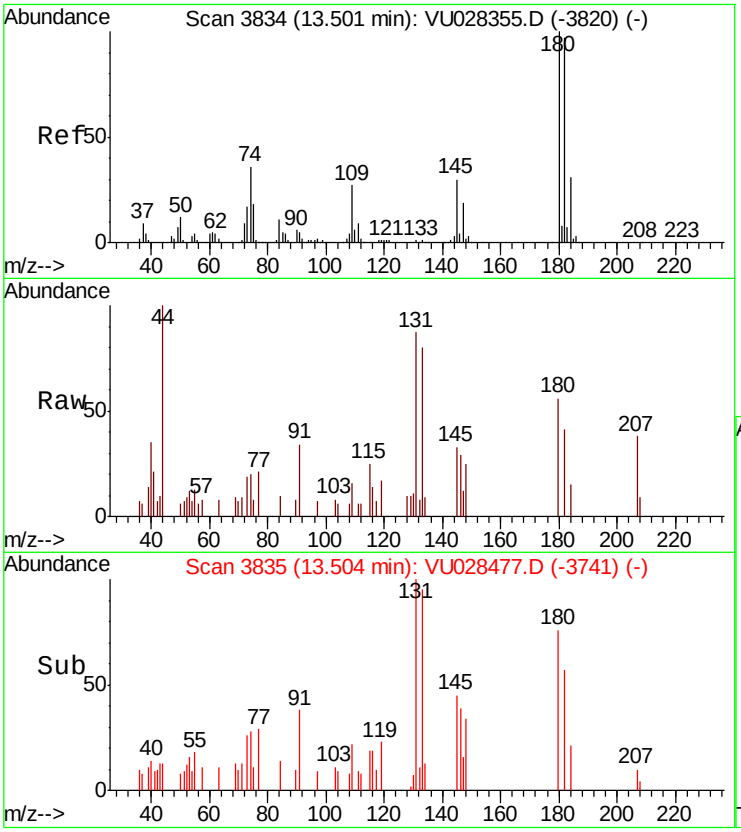


#89
n-Butylbenzene
Concen: 0.205 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 91 Resp: 4229

Ion	Ratio	Lower	Upper
91	100		
92	34.6	26.2	78.5
134	70.4	11.1	33.1#



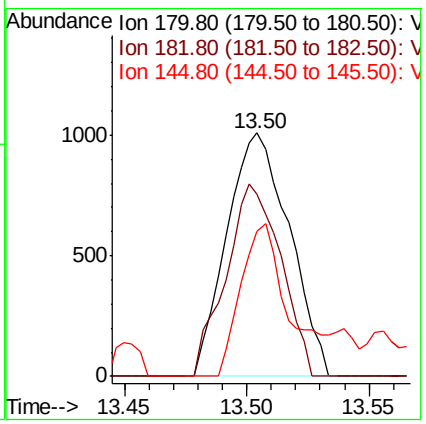


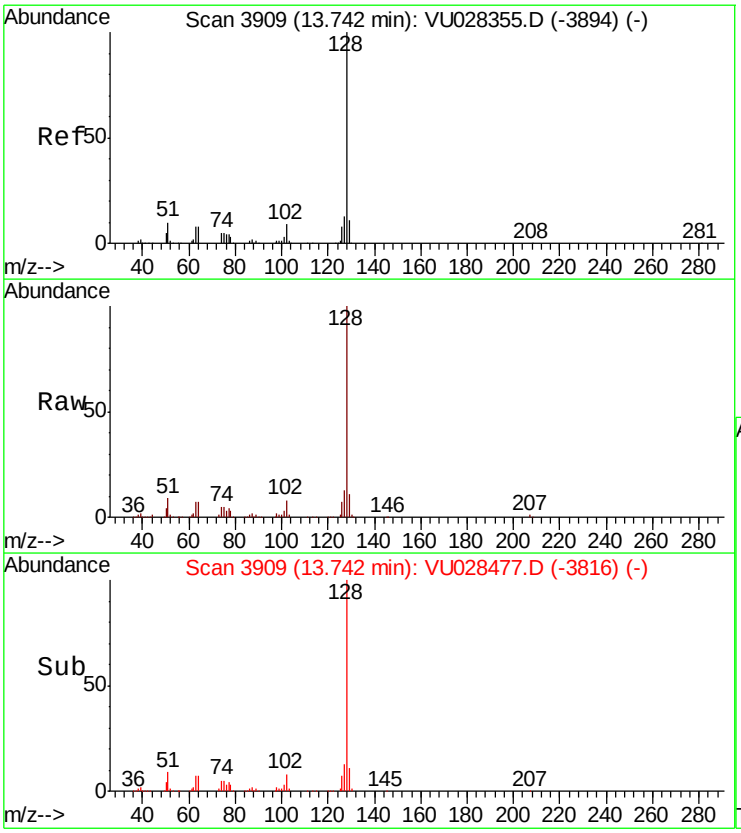
#93
1,2,4-Trichlorobenzene
Concen: 0.256 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:180 Resp: 1793

Ion	Ratio	Lower	Upper
180	100		
182	69.4	48.3	144.9
145	48.5	15.2	45.5#

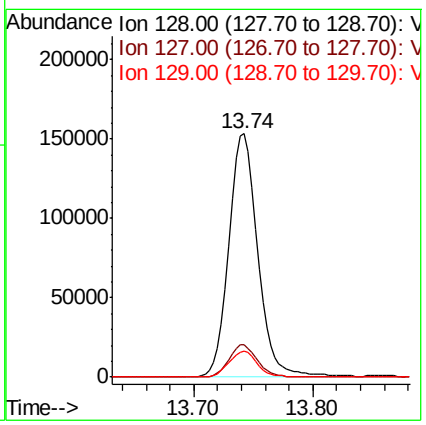


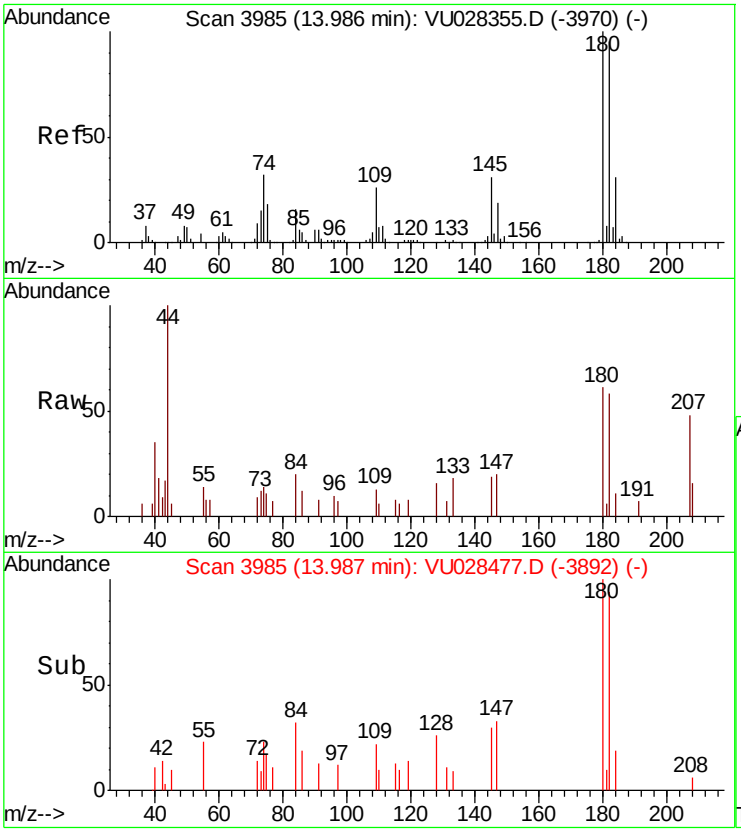


#95
Naphthalene
Concen: 11.888 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Tgt Ion:128 Resp: 258675

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.5	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.211 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028477.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:180 Resp: 1495

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	8.2	15.7	47.1#