Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120318\
Data File : VU028445.D
Acq On : 03 Dec 2018 16:42
Operator : MD/SY
Sample : J5764-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Quant Time: Dec 04 06:57:01 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	290355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	549895	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	526693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	254910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	246571	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.62%			
35) Dibromofluoromethane	4.88	113	183765	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.52%			
50) Toluene-d8	7.57	98	724742	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
62) 4-Bromofluorobenzene	10.30	95	268696	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	501	0.454	ug/l #	72
14) Allyl chloride	2.70	41	34992	4.318	ug/l #	27
16) Acetone	2.32	43	19736	6.649	ug/l	99
18) Methyl Acetate	2.62	43	2392	0.289	ug/l #	79
20) Methylene Chloride	2.70	84	739646	176.847	ug/l	95
25) 2-Butanone	4.29	43	1540	0.362	ug/l	93
29) Tetrahydrofuran	4.66	42	1056	0.382	ug/l #	82
31) Cyclohexane	4.98	56	7362	0.530	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	25607	4.255	ug/l #	51
38) Carbon Tetrachloride	4.98	117	28766	5.821	ug/l #	16
43) Isopropyl Acetate	5.55	43	30902	2.378	ug/l	99
45) 1,2-Dichloropropane	6.70	63	2403	0.460	ug/l #	43
48) Methyl methacrylate	6.70	41	180836	26.715	ug/l #	48
49) 1,4-Dioxane	6.69	88	41	0.379	ug/l #	1
51) 4-Methyl-2-Pentanone	7.56	43	17401	2.097	ug/l	91
54) cis-1,3-Dichloropropene	7.42	75	60711	7.948	ug/l #	58
57) 1,3-Dichloropropane	8.41	76	14040	1.792	ug/l #	43
59) 2-Hexanone	8.41	43	225448	35.068	ug/l #	53
68) m/p-Xylenes	9.38	106	2127	0.287	ug/l	89
74) N-amyl acetate	9.76	43	21939	1.766	ug/l #	56
76) 1,2,3-Trichloropropane	10.30	75	141886	20.072	ug/l #	33
80) 1,3,5-Trimethylbenzene	10.77	105	6617	0.396	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.30	75	141886	53.281	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	10880	0.643	ug/l	94
95) Naphthalene	13.75	128	9529	3.254	ug/l	97

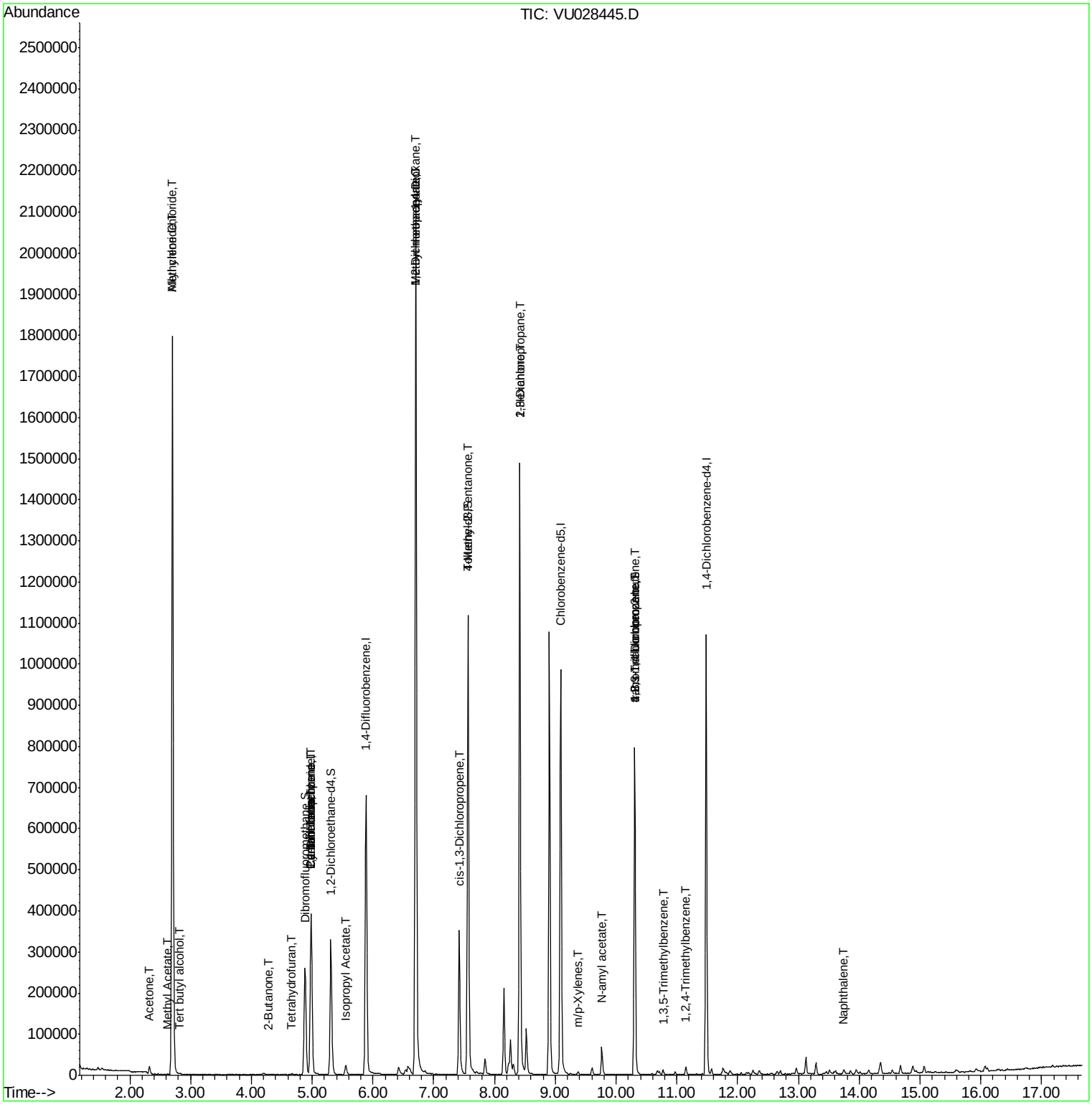
(#) = qualifier out of range (m) = manual integration (+) = signals summed

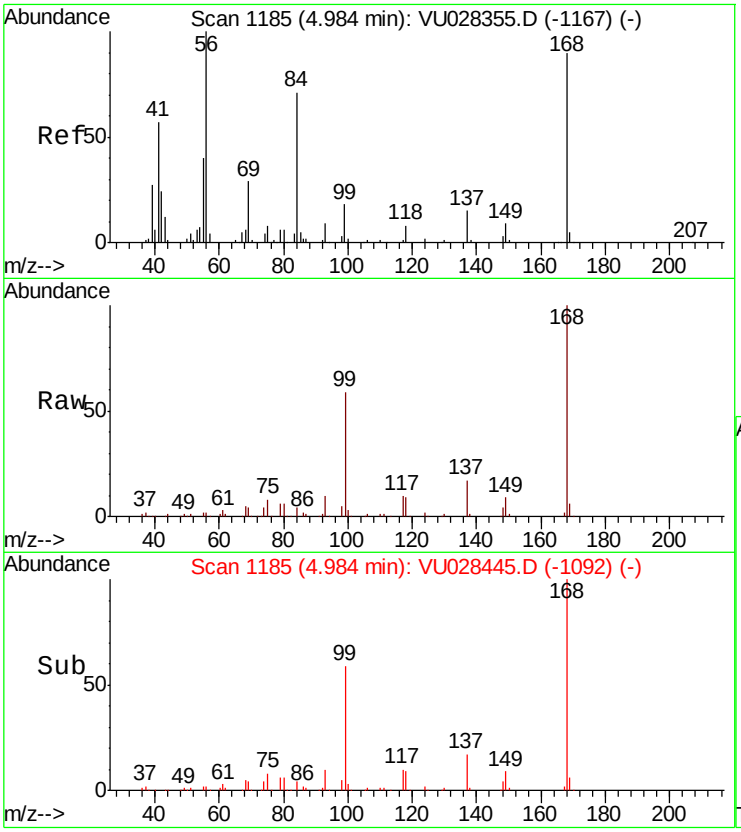
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120318\
Data File : VU028445.D
Acq On : 03 Dec 2018 16:42
Operator : MD/SY
Sample : J5764-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Quant Time: Dec 04 06:57:01 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



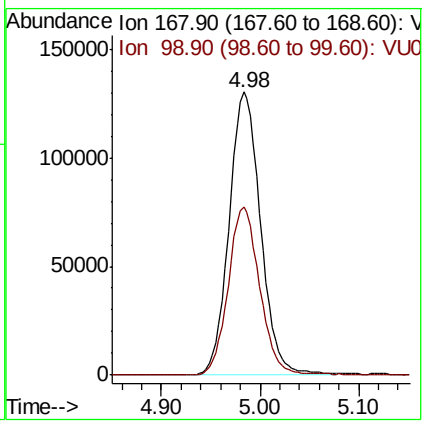


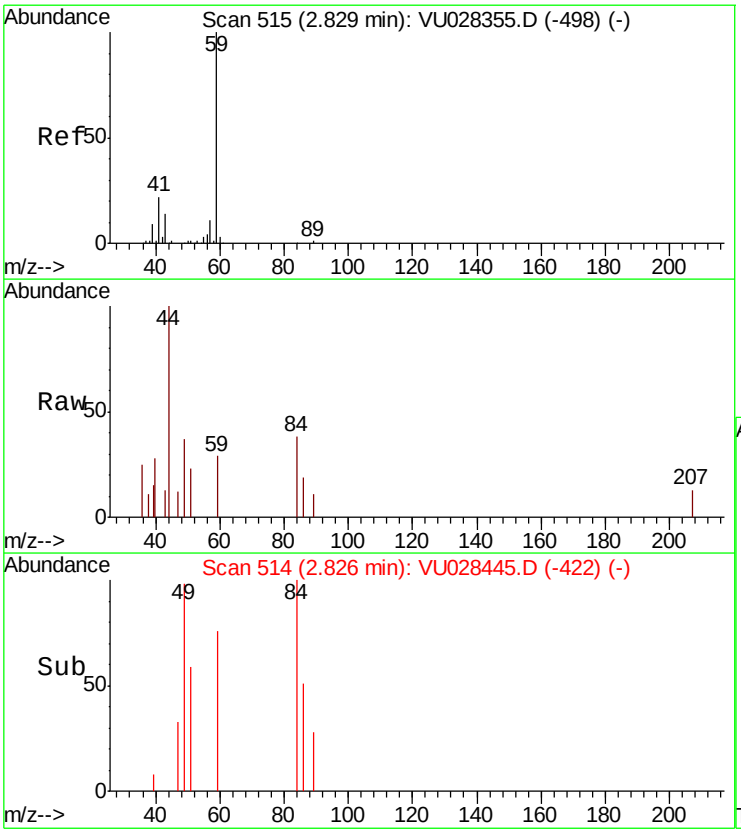
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-A

Tgt Ion:168 Resp: 290355

Ion	Ratio	Lower	Upper
168	100		
99	59.3	49.6	74.4

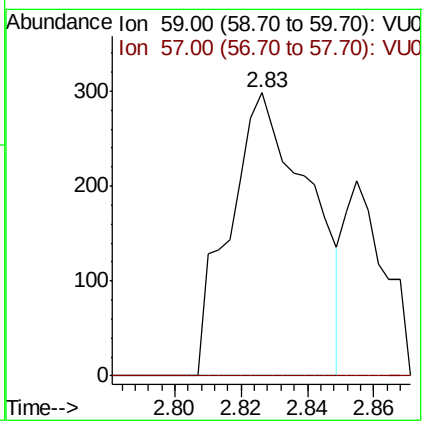


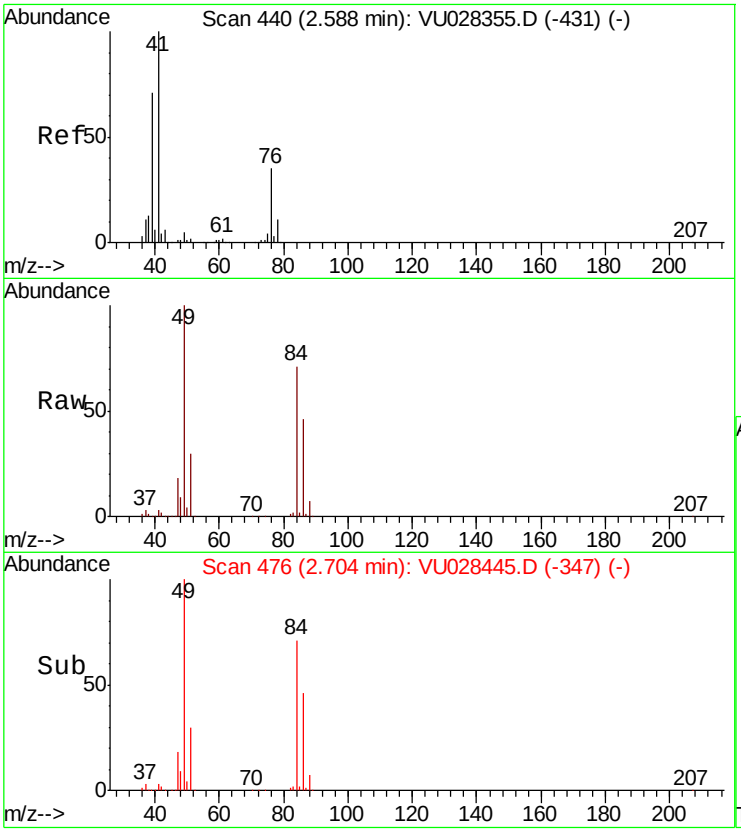


#11
Tert butyl alcohol
Concen: 0.454 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 59 Resp: 501

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



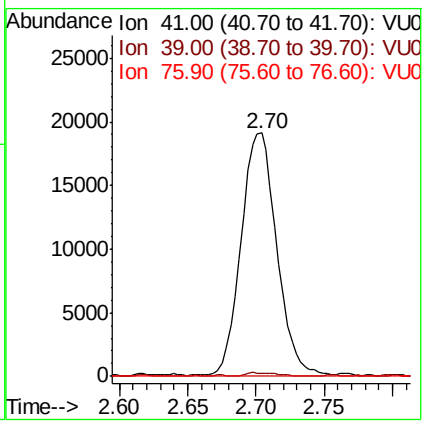


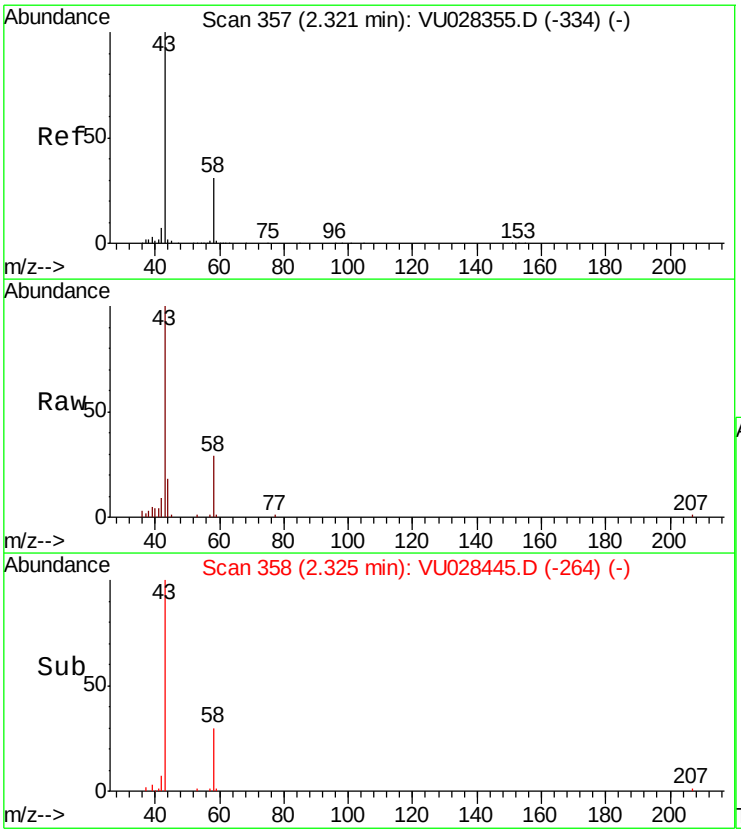
#14
Allvl chloride
Concen: 4.318 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.12 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion: 41 Resp: 34992

Ion	Ratio	Lower	Upper
41	100		
39	0.7	51.6	77.4#
76	0.0	24.4	36.6#

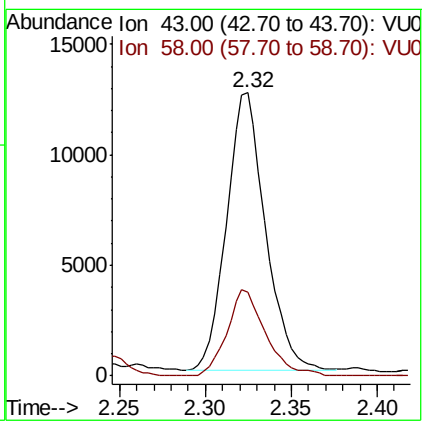


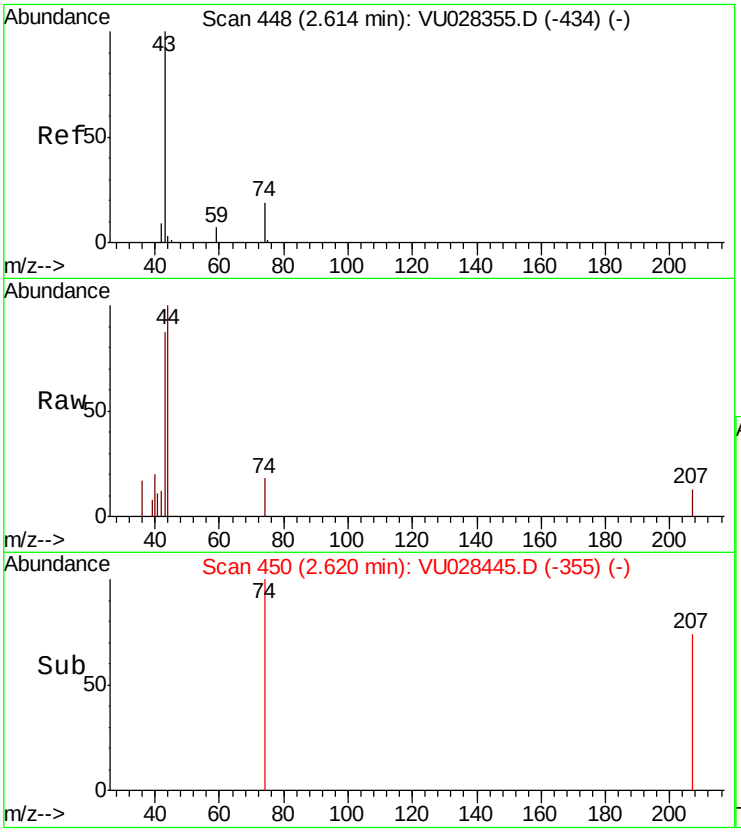


#16
Acetone
Concen: 6.649 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 43 Resp: 19736

Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.4	36.6



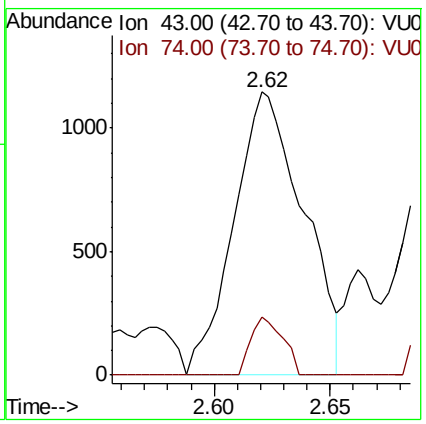


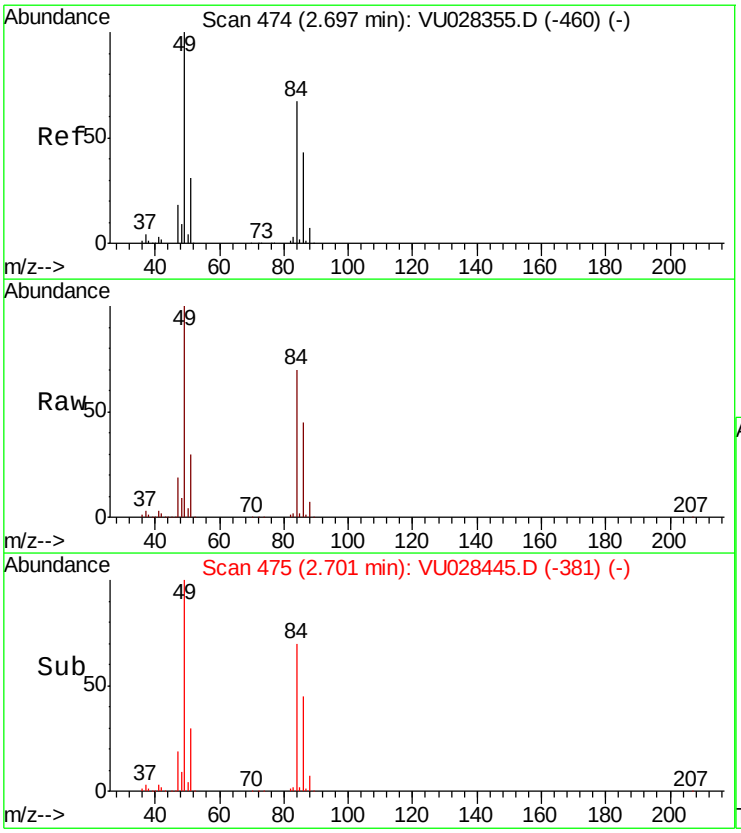
#18
Methyl Acetate
Concen: 0.289 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion: 43 Resp: 2392

Ion	Ratio	Lower	Upper
43	100		
74	9.4	15.3	22.9#

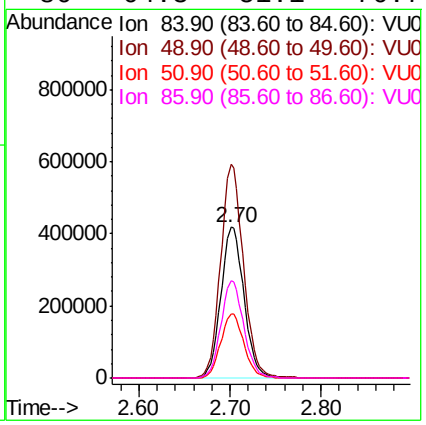


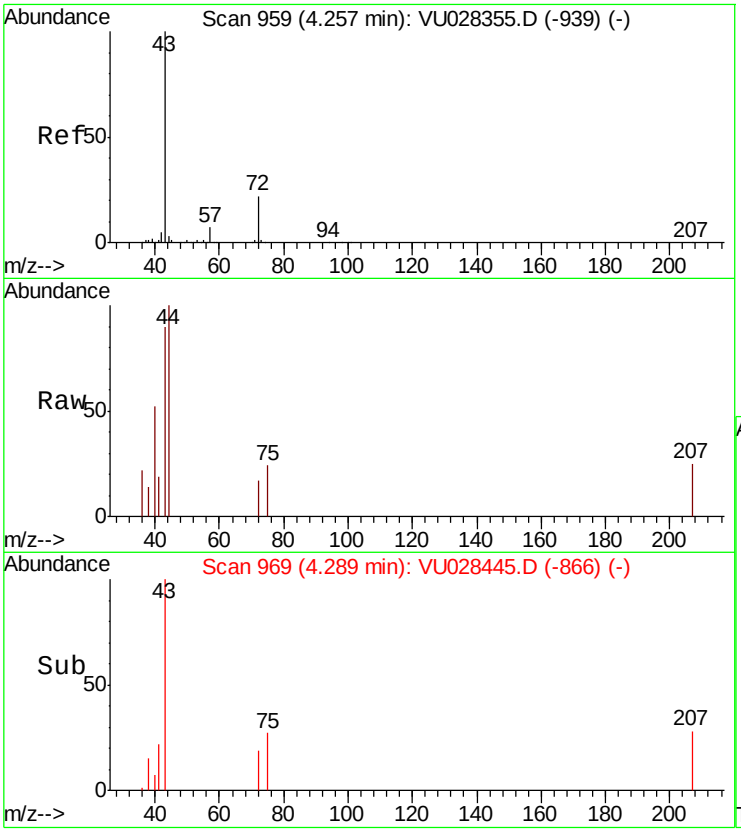


#20
Methylene Chloride
Concen: 176.847 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 84 Resp: 739646

Ion	Ratio	Lower	Upper
84	100		
49	141.9	120.0	180.0
51	42.7	36.9	55.3
86	64.3	51.1	76.7



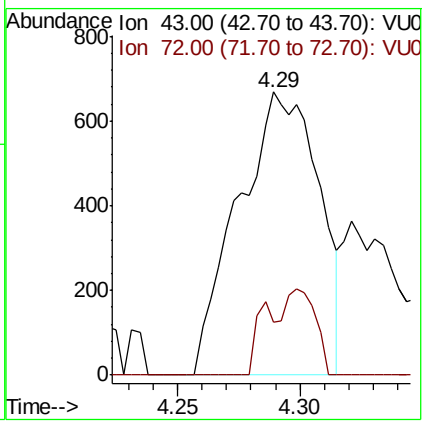


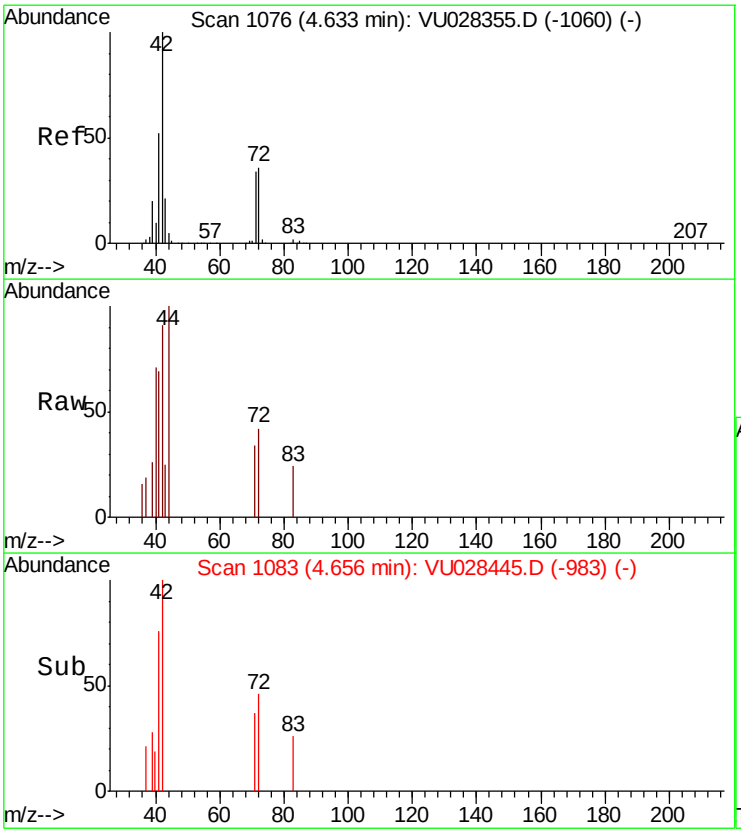
#25
2-Butanone
Concen: 0.362 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion: 43 Resp: 1540

Ion	Ratio	Lower	Upper
43	100		
72	18.6	17.7	26.5

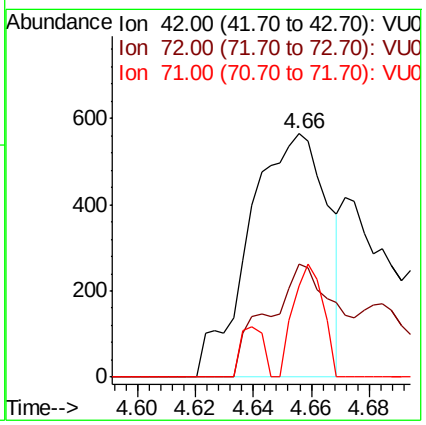


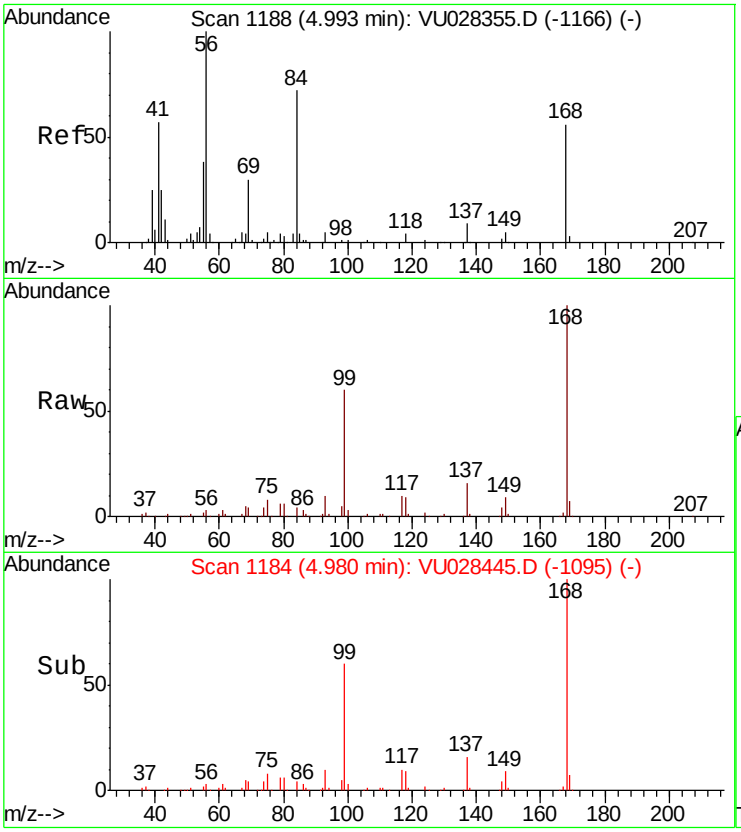


#29
Tetrahydrofuran
Concen: 0.382 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 42 Resp: 1056

Ion	Ratio	Lower	Upper
42	100		
72	40.7	29.5	44.3
71	17.6	27.7	41.5#



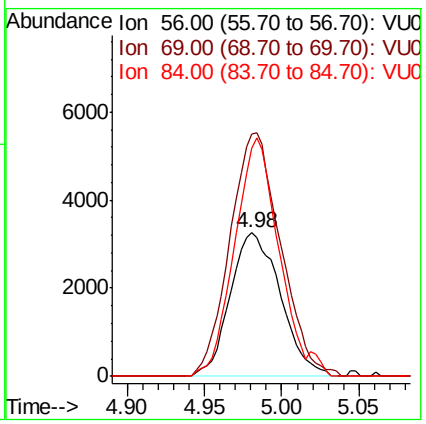


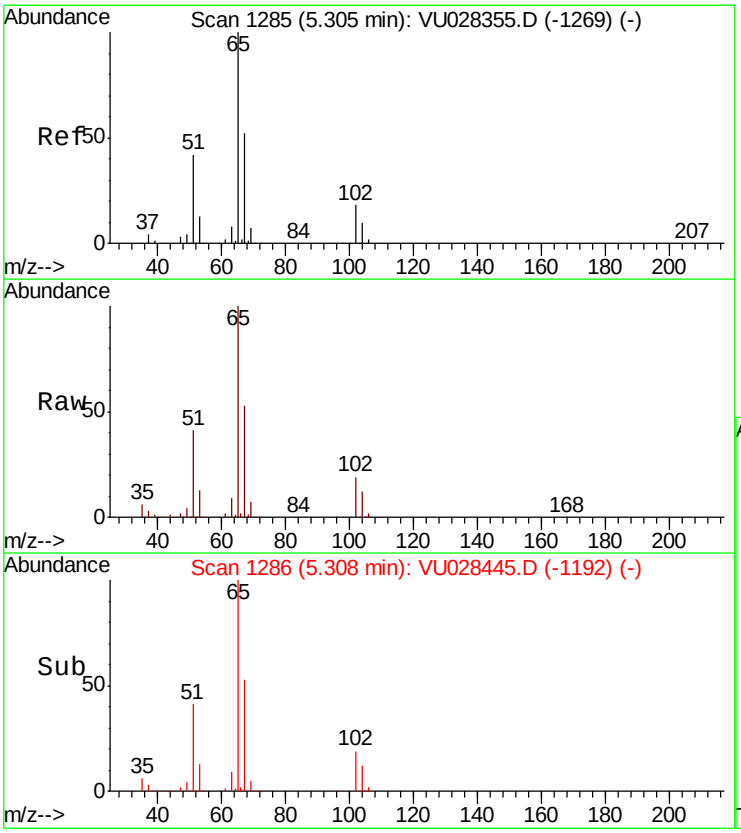
#31
Cyclohexane
Concen: 0.530 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion: 56 Resp: 7362

Ion	Ratio	Lower	Upper
56	100		
69	169.1	23.7	35.5#
84	158.9	57.3	85.9#

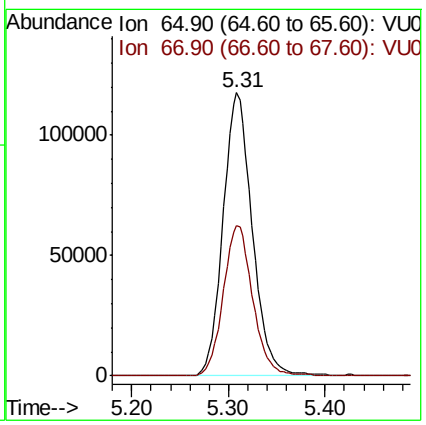


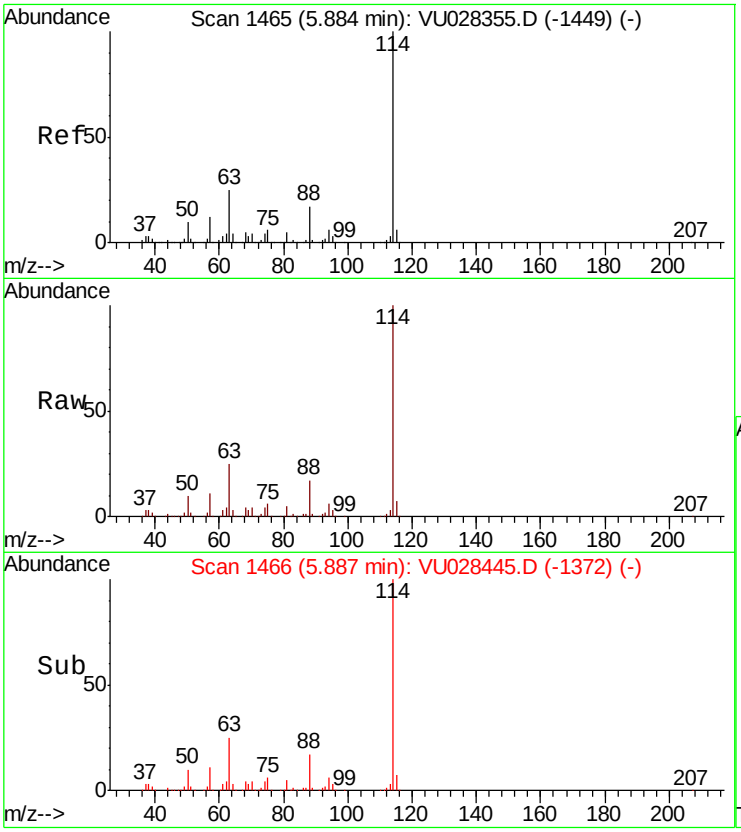


#33
1,2-Dichloroethane-d4
Concen: 50.813 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 65 Resp: 246571

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8



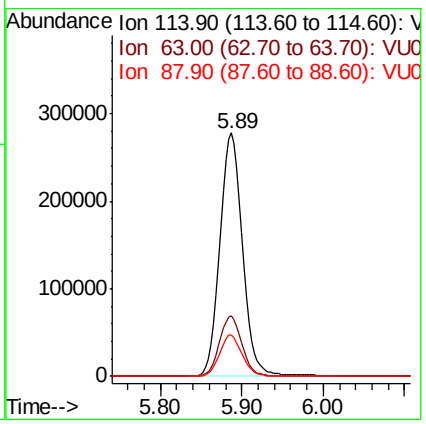


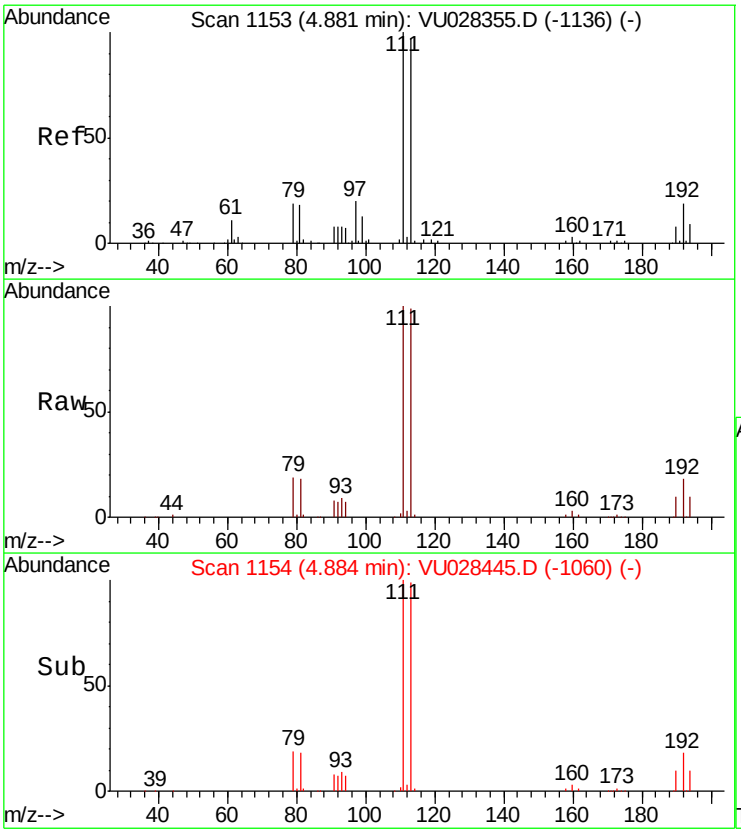
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-A

Tgt Ion:114 Resp: 549895

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	50.0
88	17.2	0.0	34.4

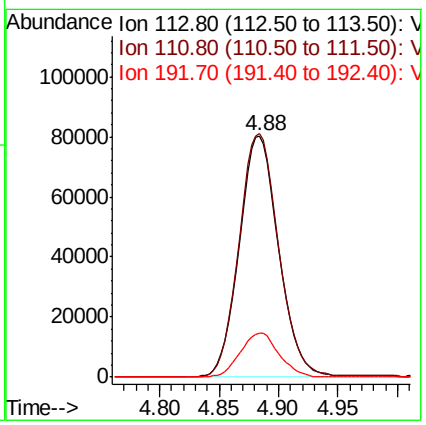


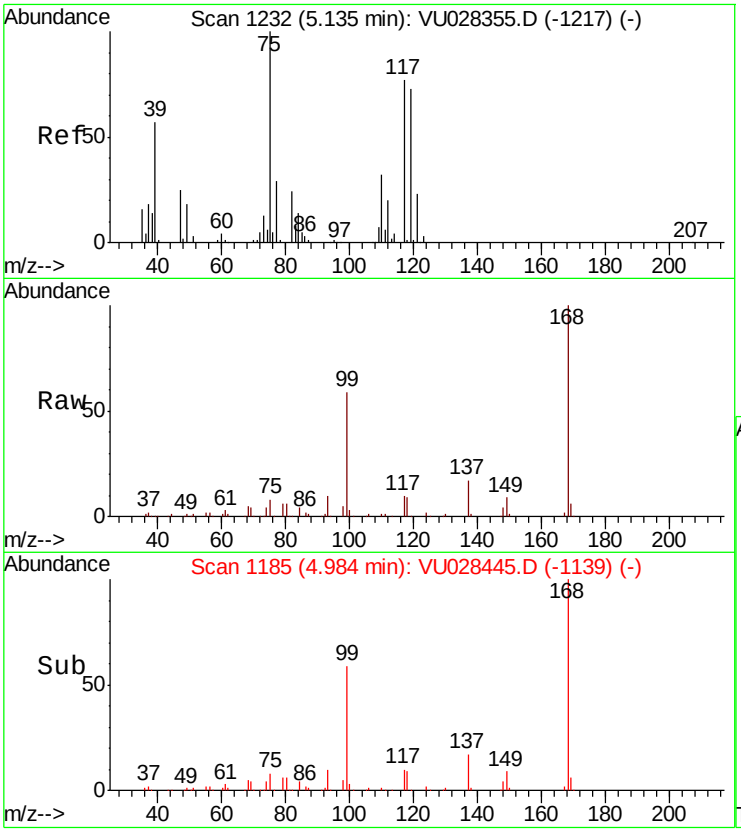


#35
Dibromofluoromethane
Concen: 50.256 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion:113 Resp: 183765

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	18.1	15.4	23.0



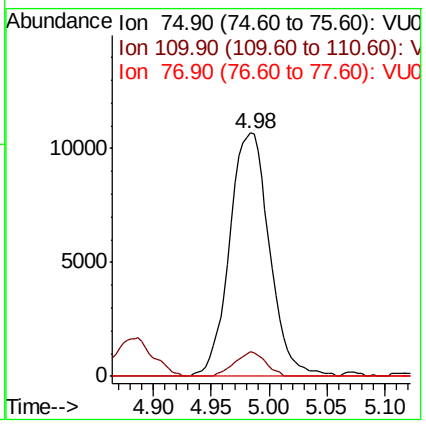


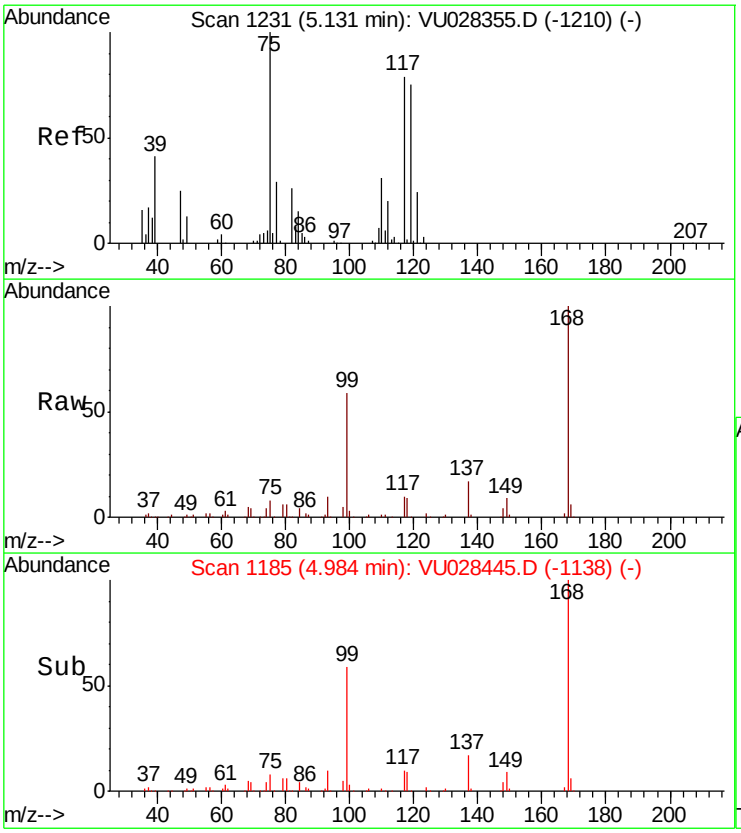
#36
1,1-Dichloropropene
Concen: 4.255 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-A

Tgt Ion: 75 Resp: 25607

Ion	Ratio	Lower	Upper
75	100		
110	7.7	15.8	47.4#
77	0.0	24.6	36.8#

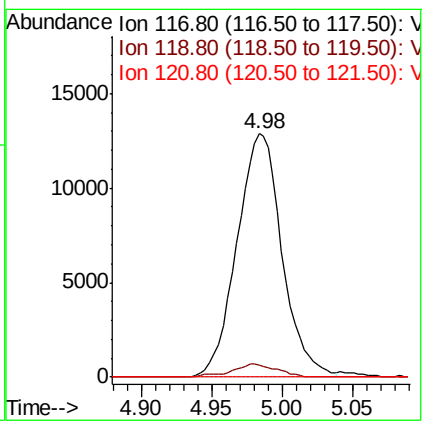


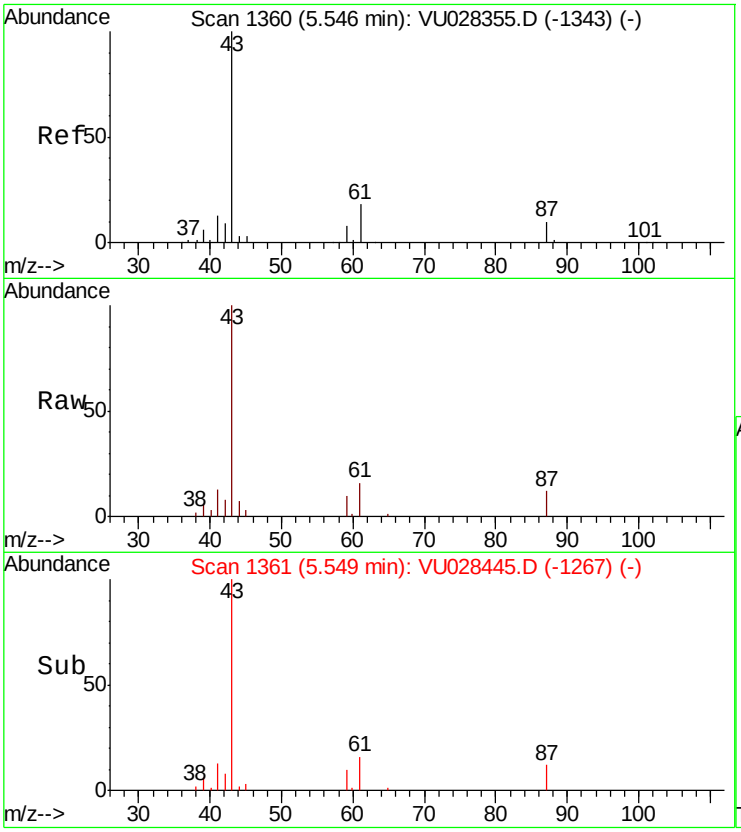


#38
Carbon Tetrachloride
Concen: 5.821 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion:117 Resp: 28766

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.3	114.5#
121	0.0	24.7	37.1#



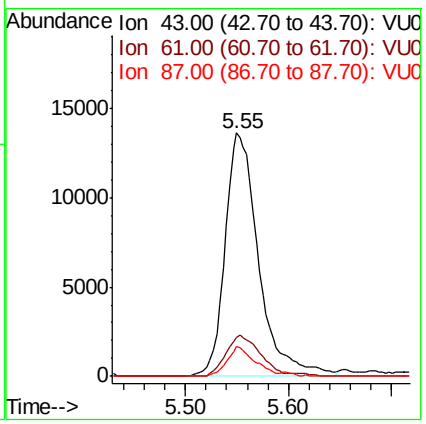


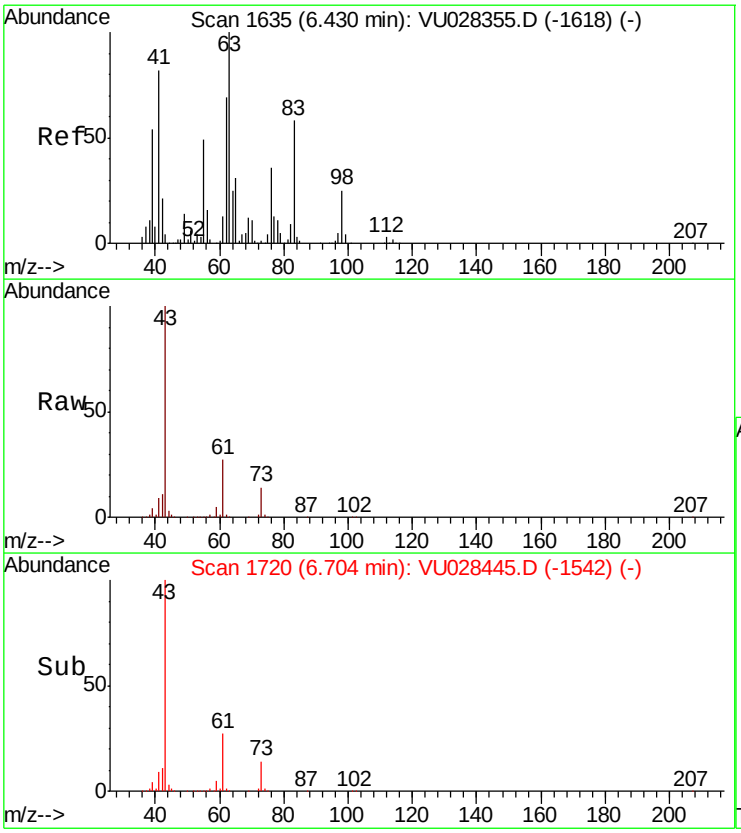
#43
Isopropyl Acetate
Concen: 2.378 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion: 43 Resp: 30902

Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.5	21.7
87	10.0	8.4	12.6

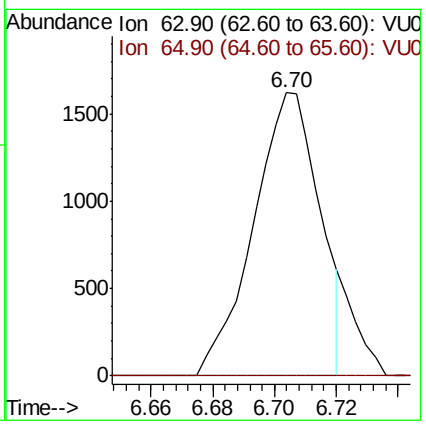


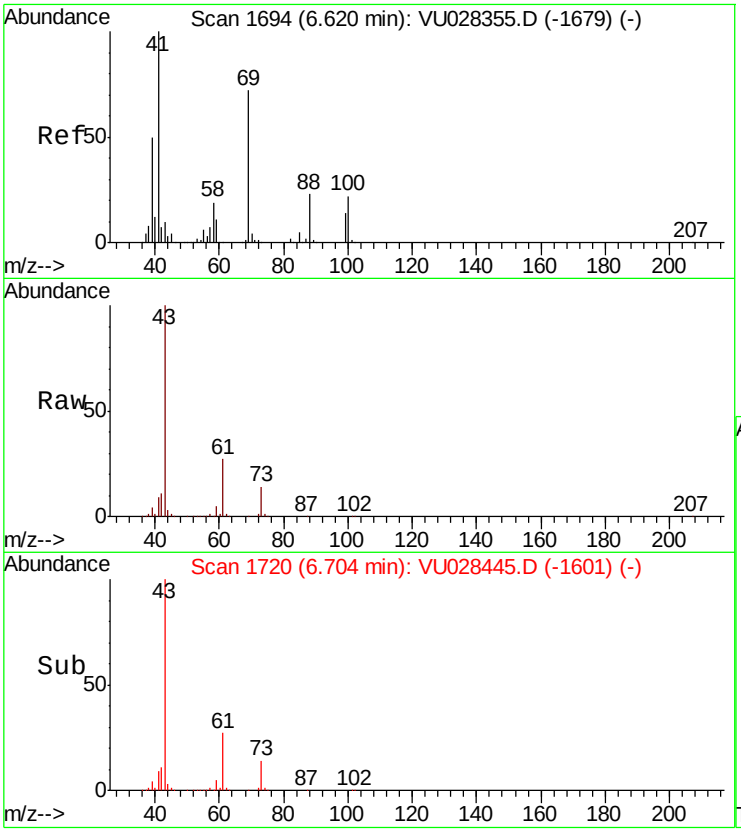


#45
1,2-Dichloropropane
Concen: 0.460 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.27 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 63 Resp: 2403

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#



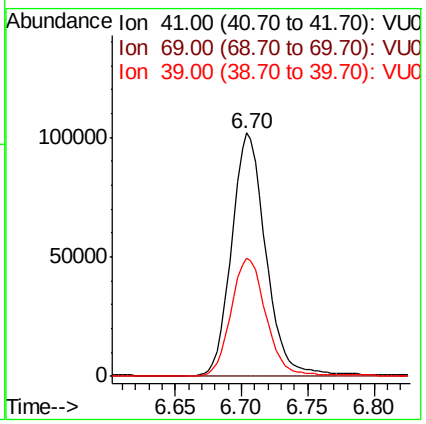


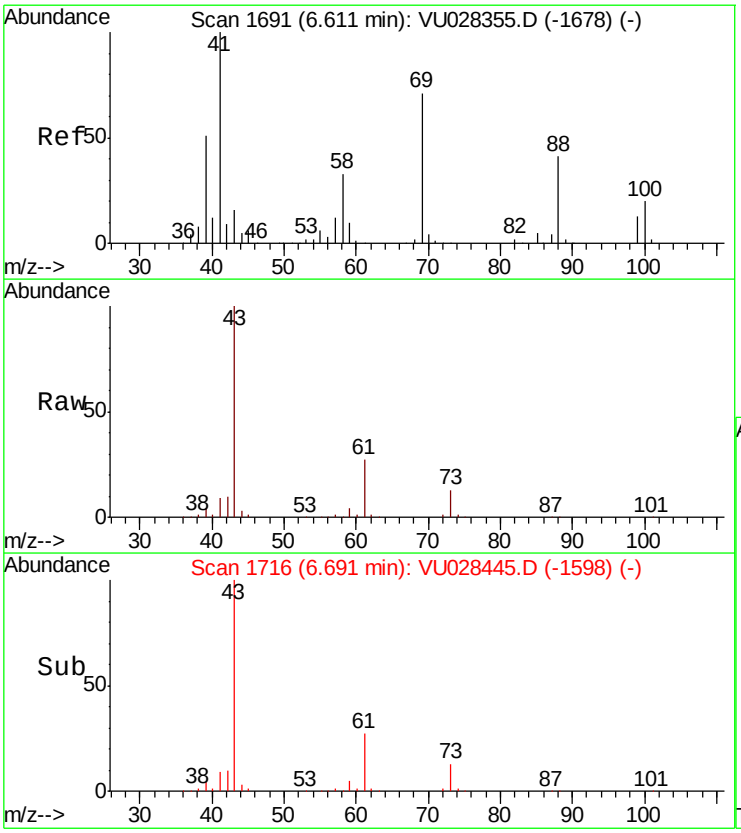
#48
Methyl methacrylate
Concen: 26.715 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.08 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion: 41 Resp: 180836

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.0	88.4#
39	51.0	40.5	60.7

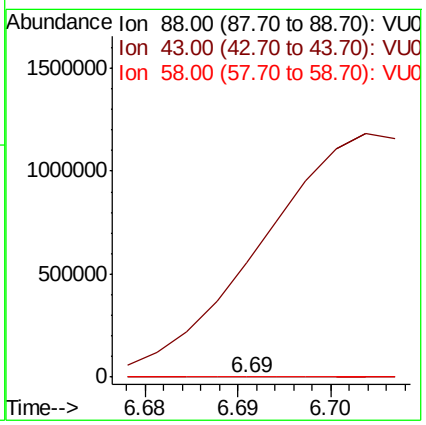


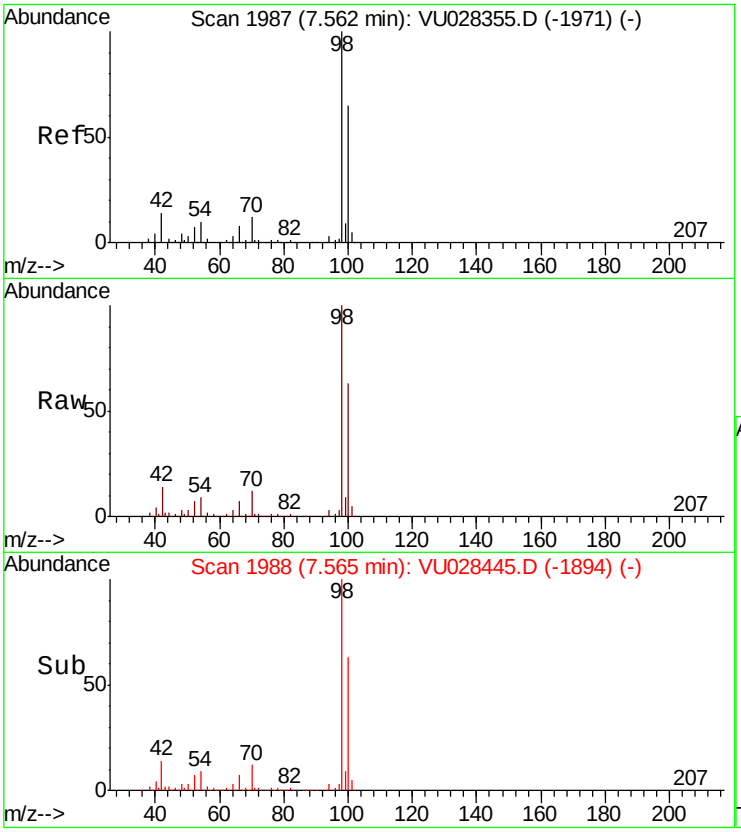


#49
1,4-Dioxane
Concen: 0.379 ug/l
RT: 6.69 min Scan# 1716
Delta R.T. 0.08 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
43	5161314.6	32.6	48.8#
58	19343.9	68.7	103.1#



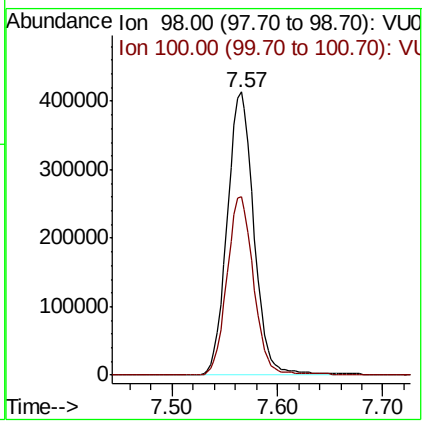


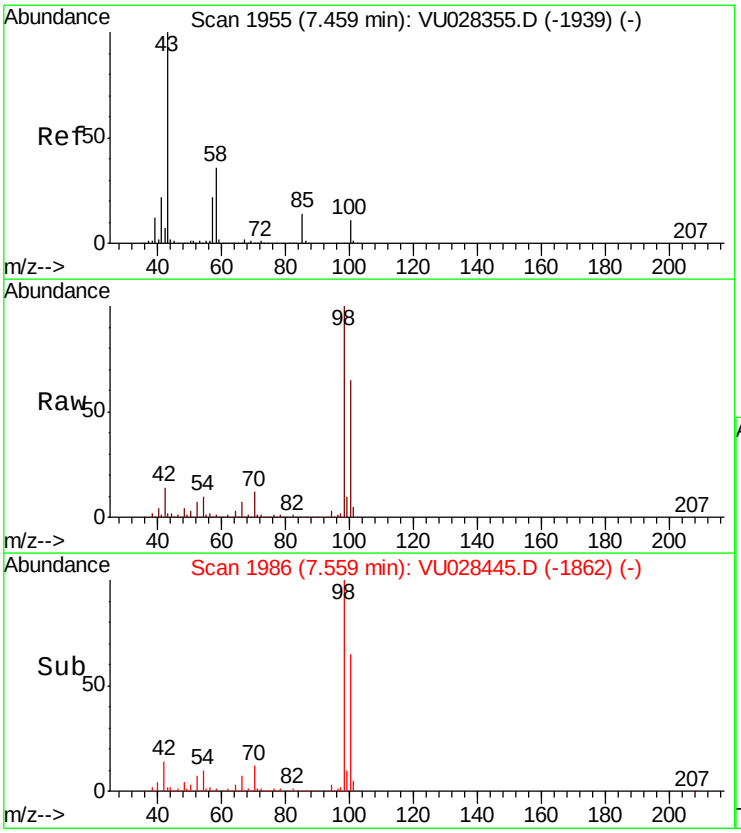
#50
Toluene-d8
Concen: 49.559 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion: 98 Resp: 724742

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.8	76.2

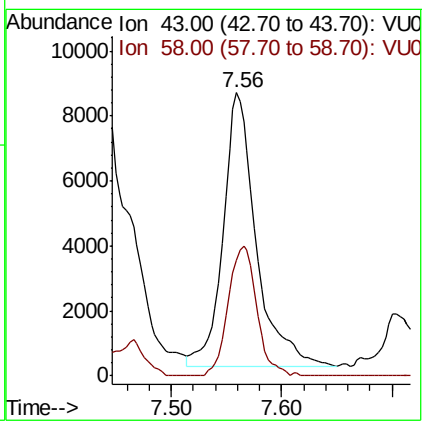


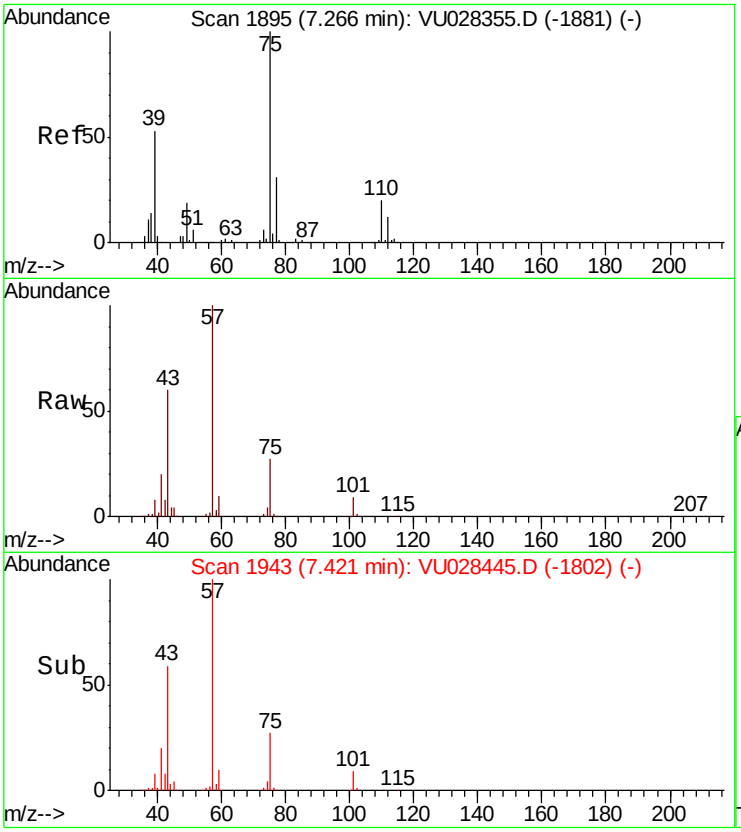


#51
4-Methyl-2-Pentanone
Concen: 2.097 ug/l
RT: 7.56 min Scan# 1986
Delta R.T. 0.10 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 43 Resp: 17401

Ion	Ratio	Lower	Upper
43	100		
58	41.2	28.8	43.2



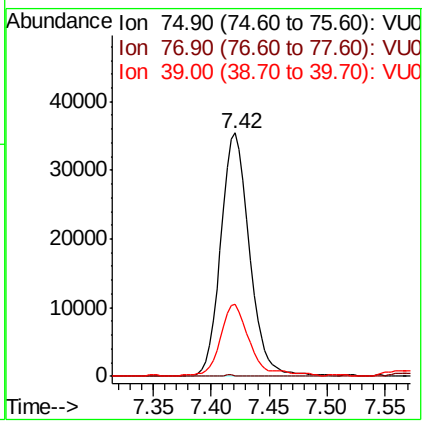


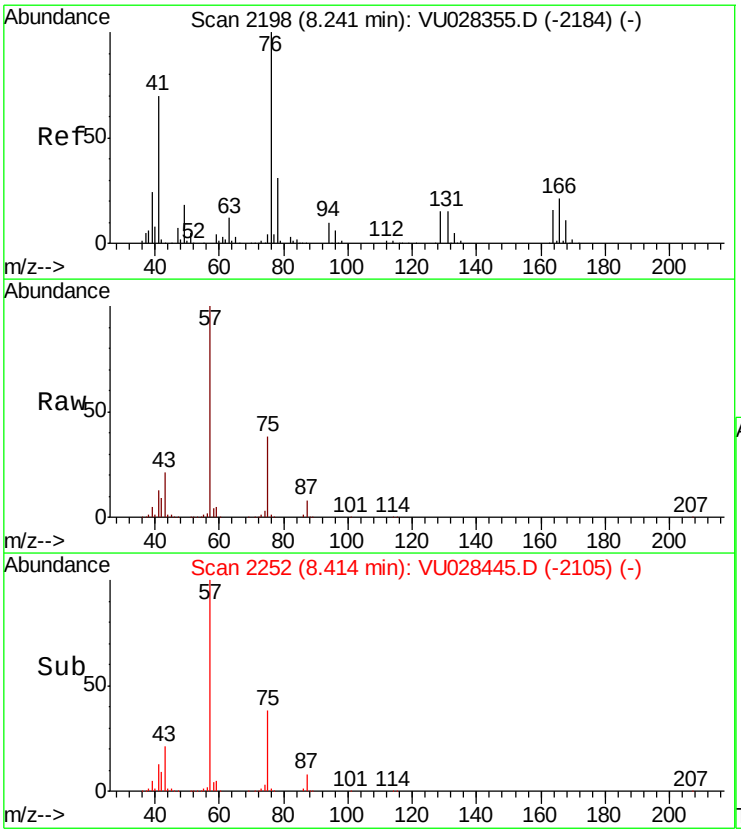
#54
cis-1,3-Dichloropropene
Concen: 7.948 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. 0.15 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-A

Tgt Ion: 75 Resp: 60711

Ion	Ratio	Lower	Upper
75	100		
77	0.4	24.9	37.3#
39	28.8	42.6	64.0#

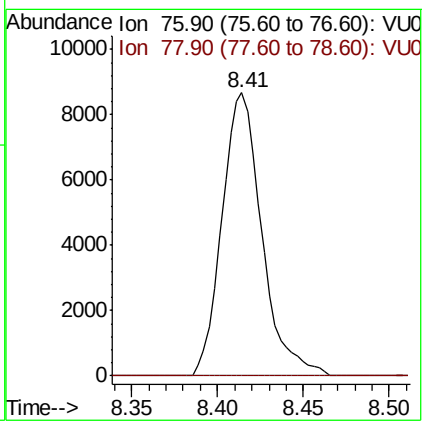


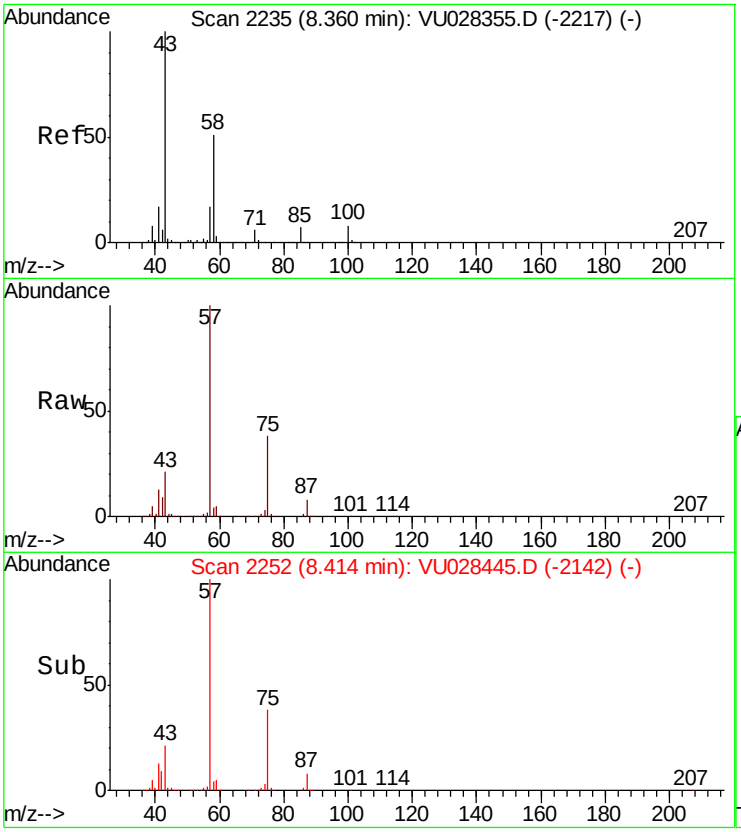


#57
1,3-Dichloropropane
Concen: 1.792 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.17 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 76 Resp: 14040

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



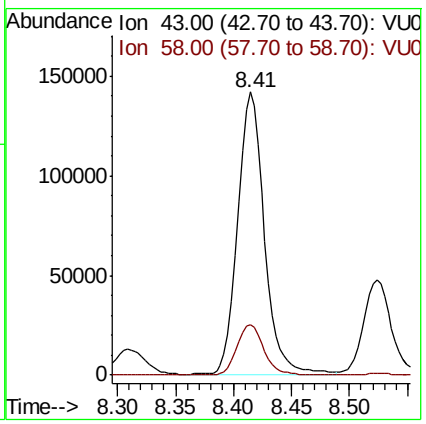


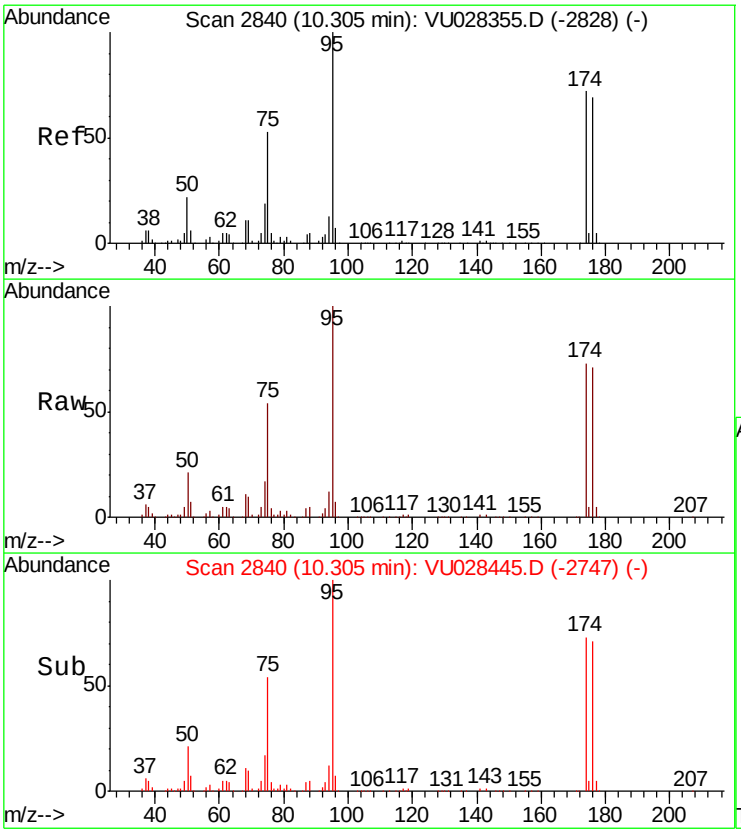
#59
2-Hexanone
Concen: 35.068 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.05 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion: 43 Resp: 225448

Ion	Ratio	Lower	Upper
43	100		
58	18.2	25.5	76.5#

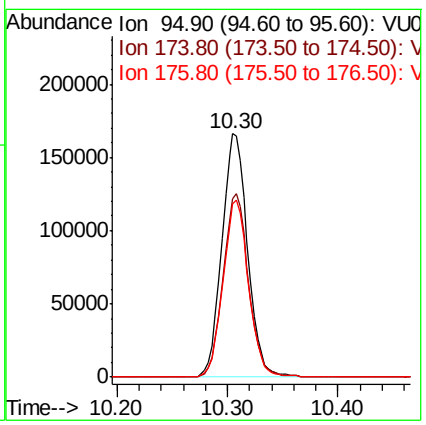


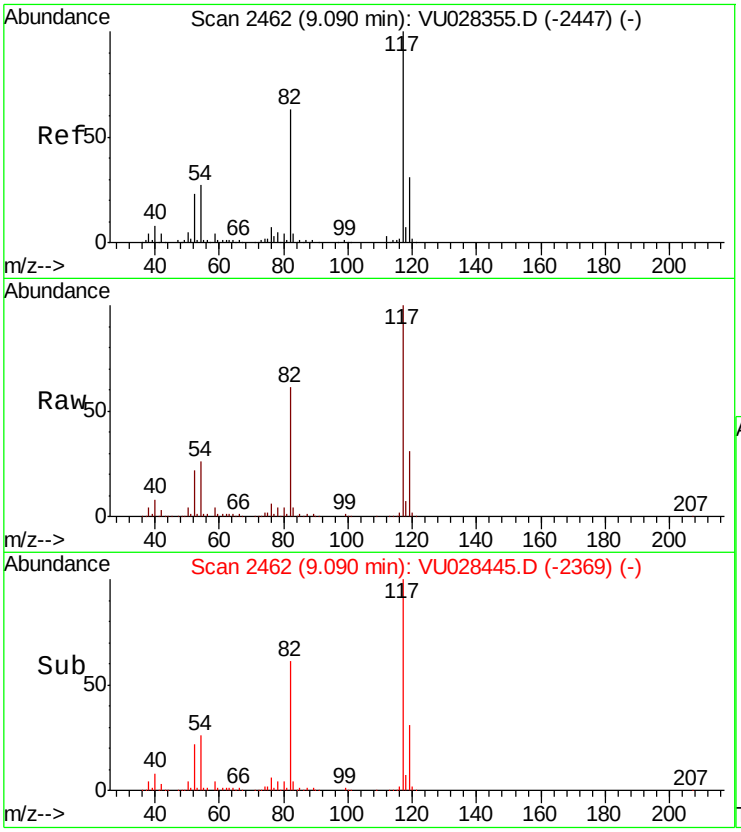


#62
4-Bromofluorobenzene
Concen: 50.978 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 95 Resp: 268696

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	145.4
176	72.2	0.0	140.8



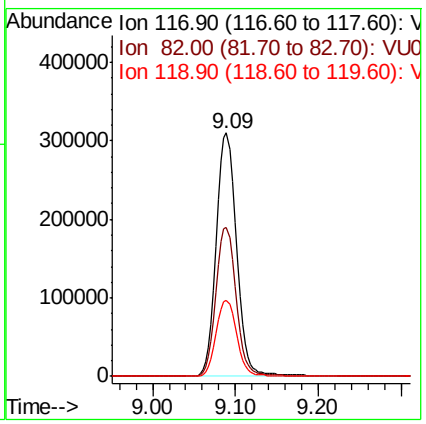


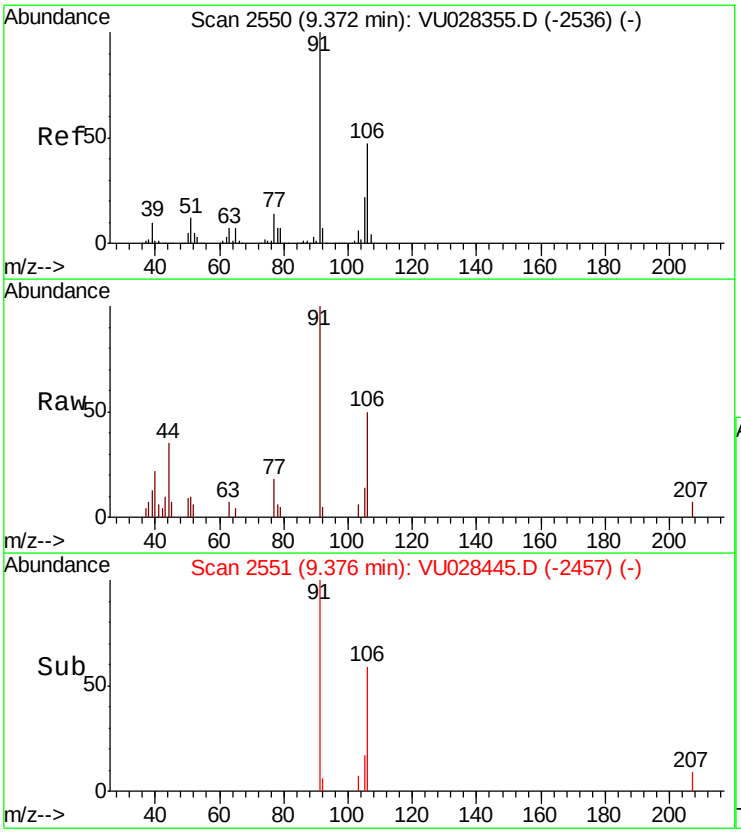
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion:117 Resp: 526693

Ion	Ratio	Lower	Upper
117	100		
82	61.2	50.3	75.5
119	31.4	24.8	37.2

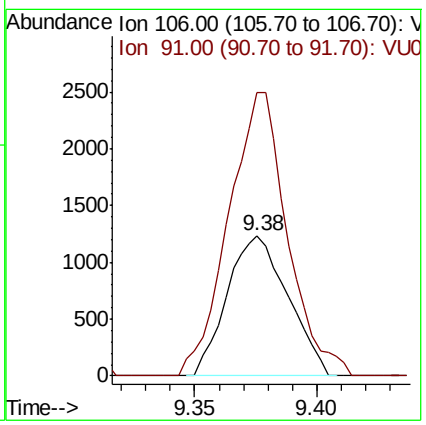


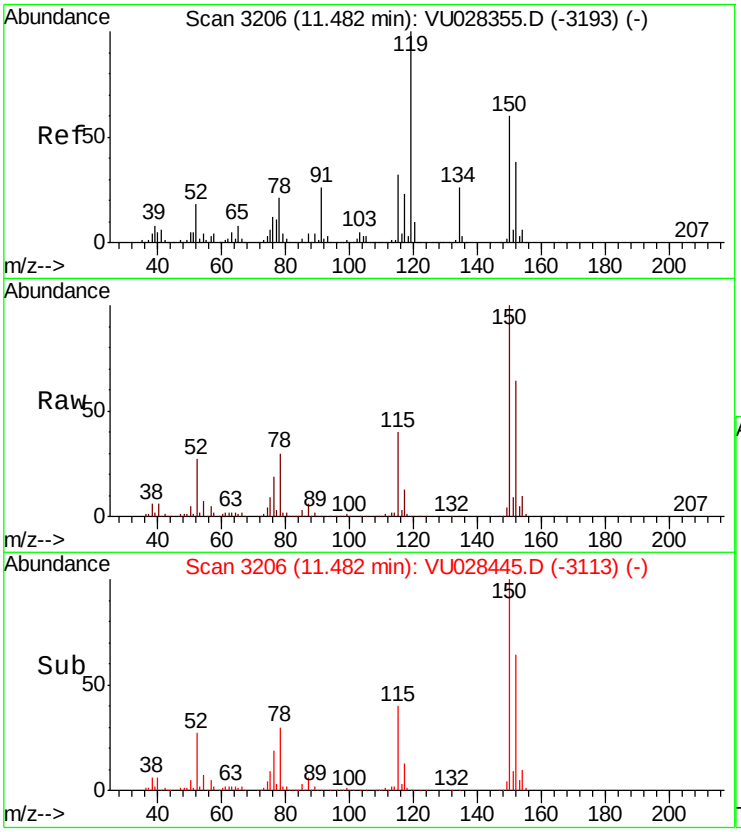


#68
m/p-Xylenes
Concen: 0.287 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion:106 Resp: 2127

Ion	Ratio	Lower	Upper
106	100		
91	195.8	171.0	256.6



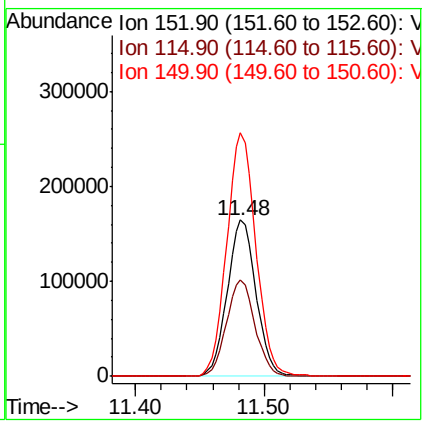


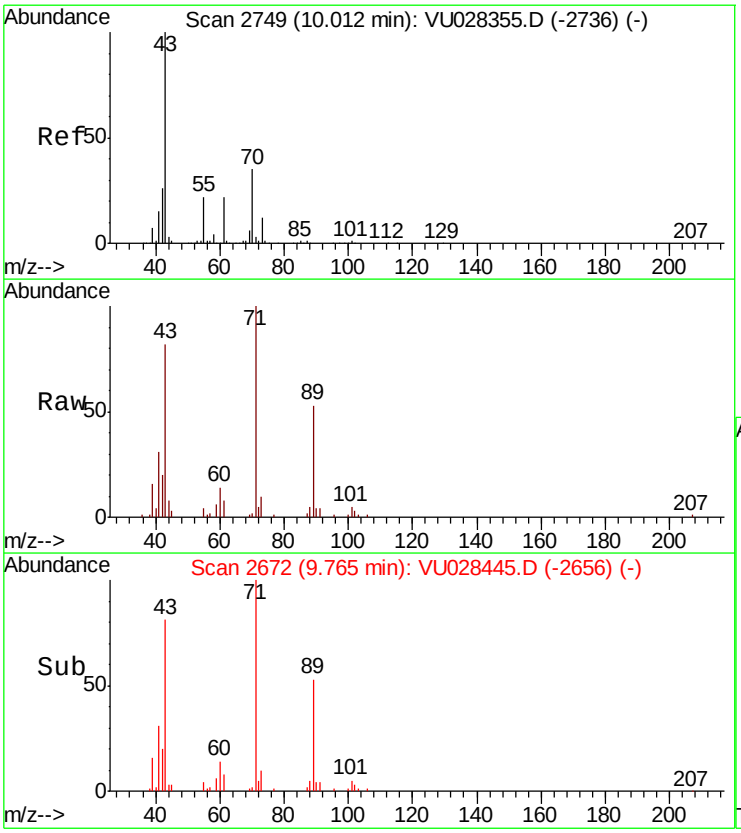
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument : MSVOA_U
ClientSampleId : JC-02-113018-A

Tgt Ion:152 Resp: 254910

Ion	Ratio	Lower	Upper
152	100		
115	61.2	45.0	134.8
150	157.4	0.0	349.2

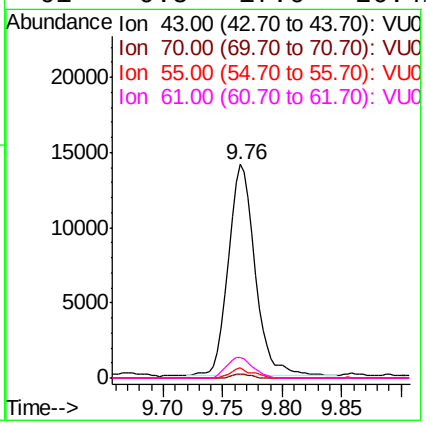


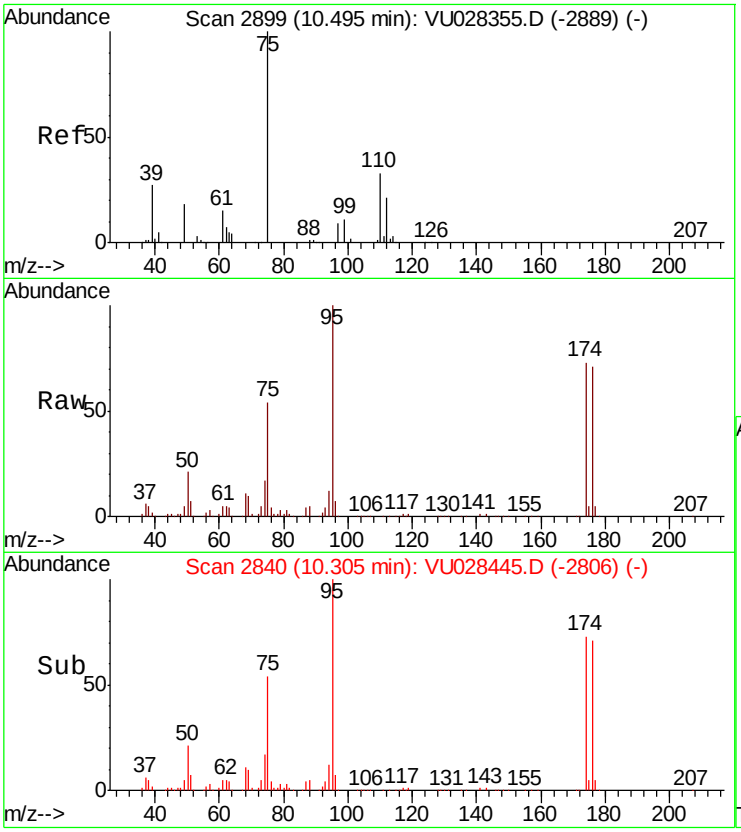


#74
N-amyl acetate
Concen: 1.766 ug/l
RT: 9.76 min Scan# 2672
Delta R.T. -0.25 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion: 43 Resp: 21939

Ion	Ratio	Lower	Upper
43	100		
70	1.3	28.4	42.6#
55	3.9	18.0	27.0#
61	9.5	17.6	26.4#



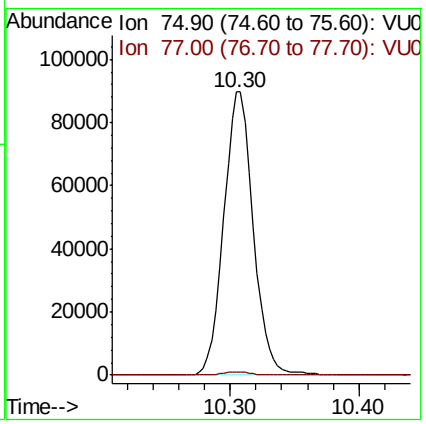


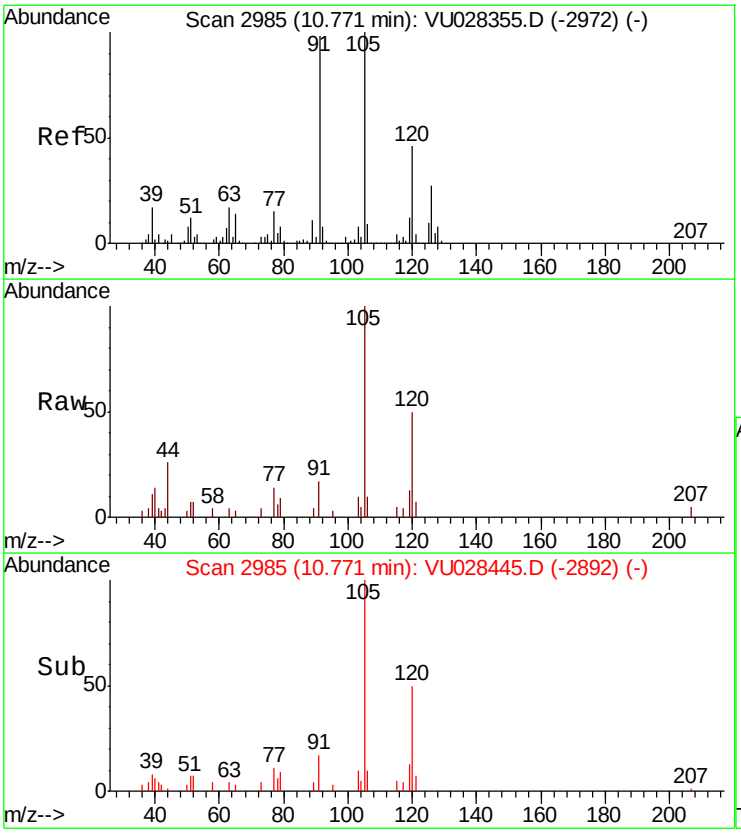
#76
1,2,3-Trichloropropane
Concen: 20.072 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-A

Tgt Ion: 75 Resp: 141886

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.4	67.0#

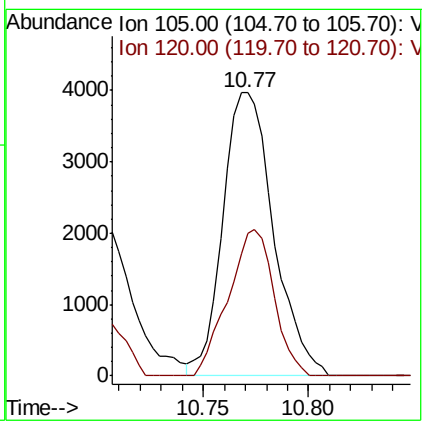


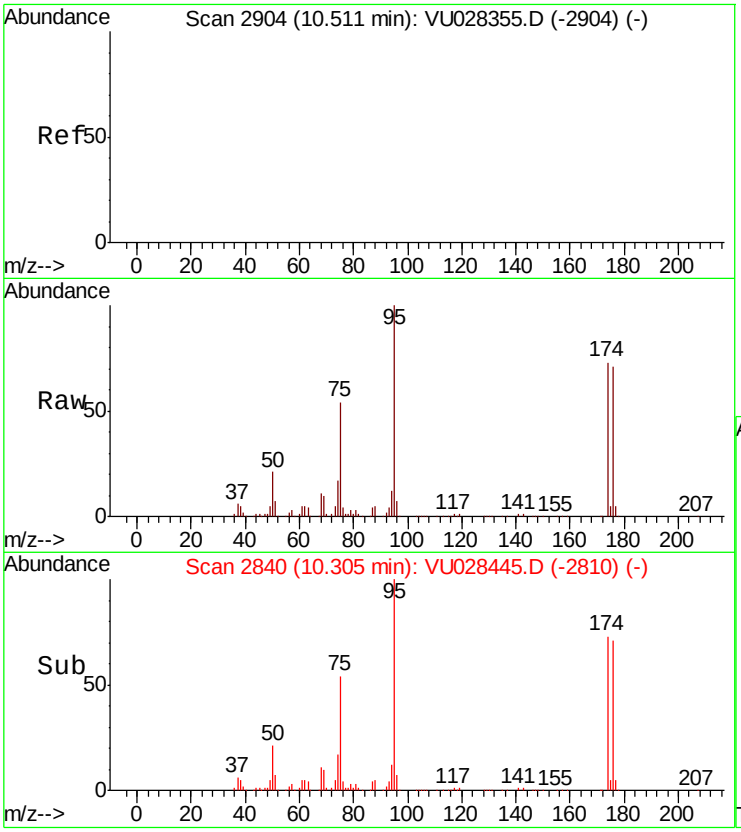


#80
1,3,5-Trimethylbenzene
Concen: 0.396 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion:105 Resp: 6617

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.0



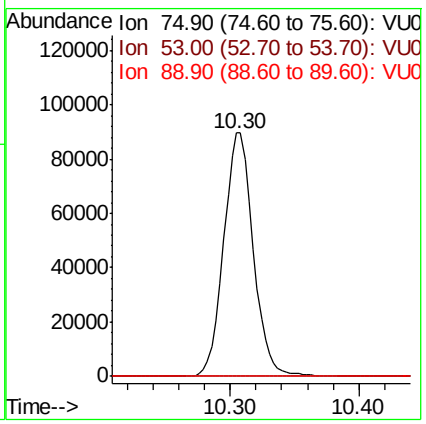


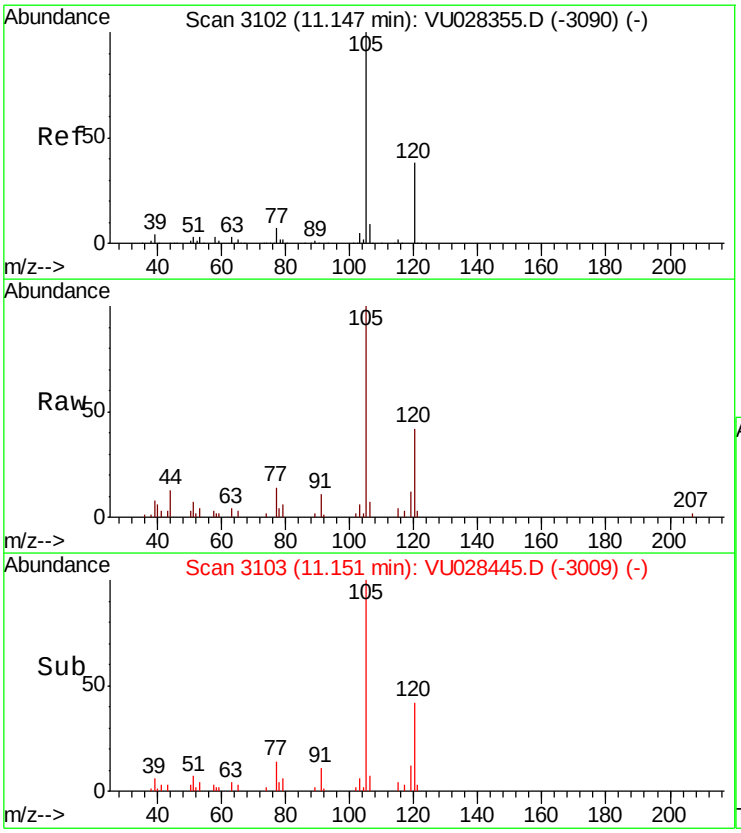
#81
trans-1,4-Dichloro-2-butene
Concen: 53.281 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.20 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-A

Tgt Ion: 75 Resp: 141886

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

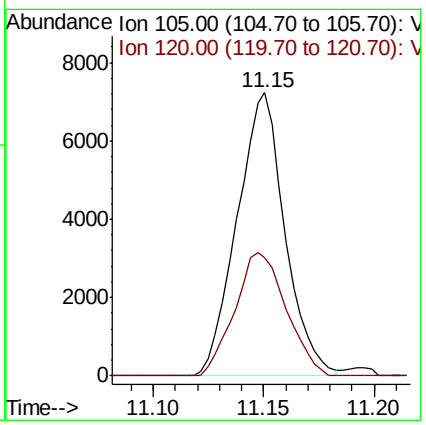


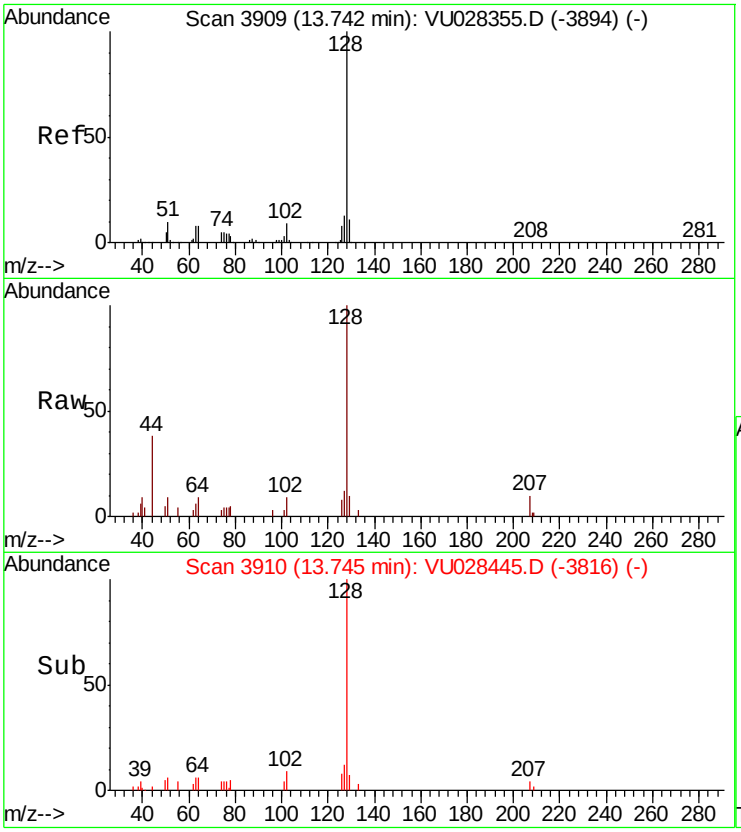


#84
1,2,4-Trimethylbenzene
Concen: 0.643 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Tgt Ion:105 Resp: 10880

Ion	Ratio	Lower	Upper
105	100		
120	46.7	21.4	64.3





#95
Naphthalene
Concen: 3.254 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU028445.D
Acq: 03 Dec 2018 16:42

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-A

Tgt Ion:128 Resp: 9529

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.6	15.8
129	9.8	8.6	12.8