Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120318\
Data File : VU028448.D
Acq On : 03 Dec 2018 17:52
Operator : MD/SY
Sample : J5764-28
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 04 06:57:55 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	294053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	554164	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	523071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	257312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	246471	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
35) Dibromofluoromethane	4.88	113	182031	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.80%			
50) Toluene-d8	7.57	98	732009	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.34%			
62) 4-Bromofluorobenzene	10.30	95	270530	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.86%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.82	59	226	0.202	ug/l #	72
13) Acrolein	2.21	56	306	0.308	ug/l #	66
14) Allyl chloride	2.70	41	26433	3.221	ug/l #	27
16) Acetone	2.32	43	29362	9.767	ug/l	98
18) Methyl Acetate	2.62	43	2032	0.243	ug/l #	67
20) Methylene Chloride	2.70	84	595422	140.558	ug/l	94
29) Tetrahydrofuran	4.67	42	1714	0.613	ug/l #	49
31) Cyclohexane	4.98	56	6945	0.467	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	25120	4.142	ug/l #	51
38) Carbon Tetrachloride	4.99	117	28714	5.766	ug/l #	16
43) Isopropyl Acetate	5.55	43	31284	2.389	ug/l	96
45) 1,2-Dichloropropane	6.71	63	1929	0.367	ug/l #	43
48) Methyl methacrylate	6.70	41	182866	26.807	ug/l #	47
49) 1,4-Dioxane	6.70	88	143	1.312	ug/l #	1
51) 4-Methyl-2-Pentanone	7.42	43	142367	17.021	ug/l #	49
54) cis-1,3-Dichloropropene	7.42	75	63467	8.245	ug/l #	57
57) 1,3-Dichloropropane	8.41	76	14300	1.812	ug/l #	43
59) 2-Hexanone	8.41	43	224223	34.609	ug/l #	54
68) m/p-Xylenes	9.38	106	2781	0.378	ug/l	92
74) N-amyl acetate	9.76	43	23303	1.859	ug/l #	55
76) 1,2,3-Trichloropropane	10.31	75	139504	19.551	ug/l #	33
80) 1,3,5-Trimethylbenzene	10.77	105	6575	0.390	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.31	75	139504	51.897	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	4879	0.286	ug/l	96
95) Naphthalene	13.75	128	17729	3.608	ug/l	95

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

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Instrument :
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JC-02-113018-D

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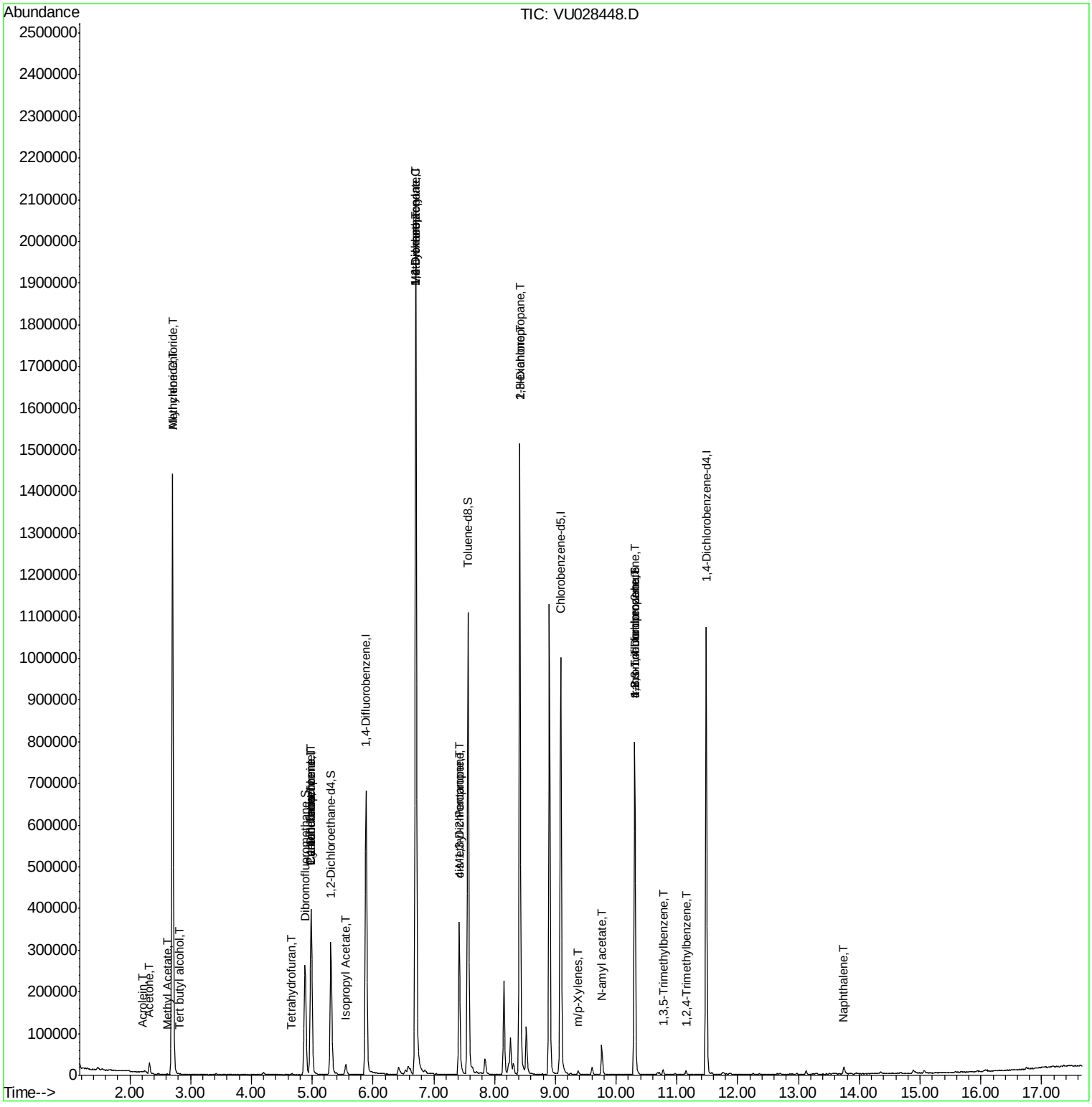
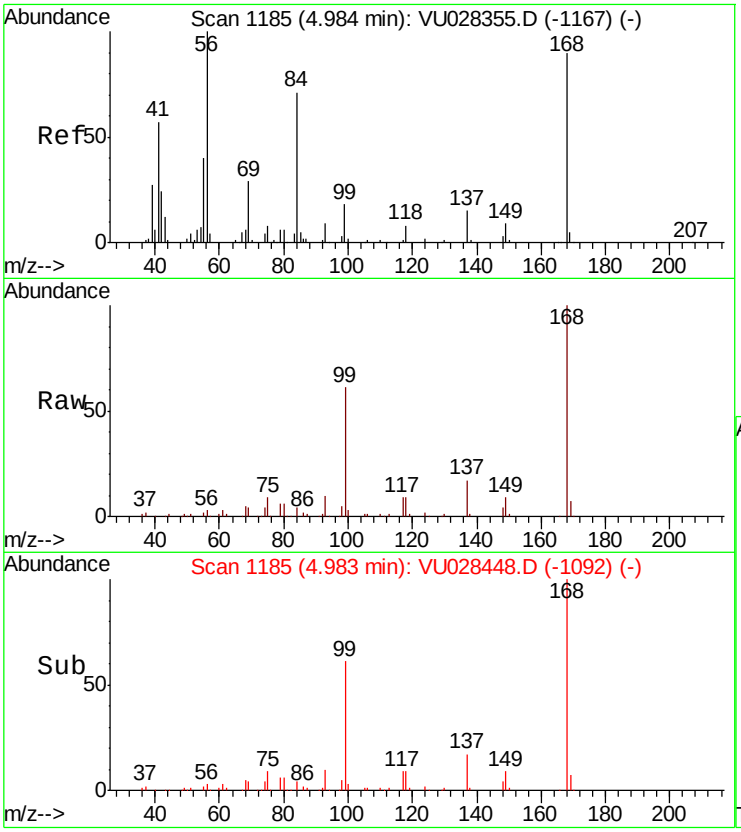


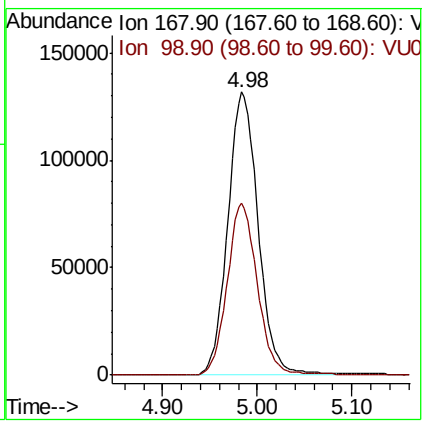


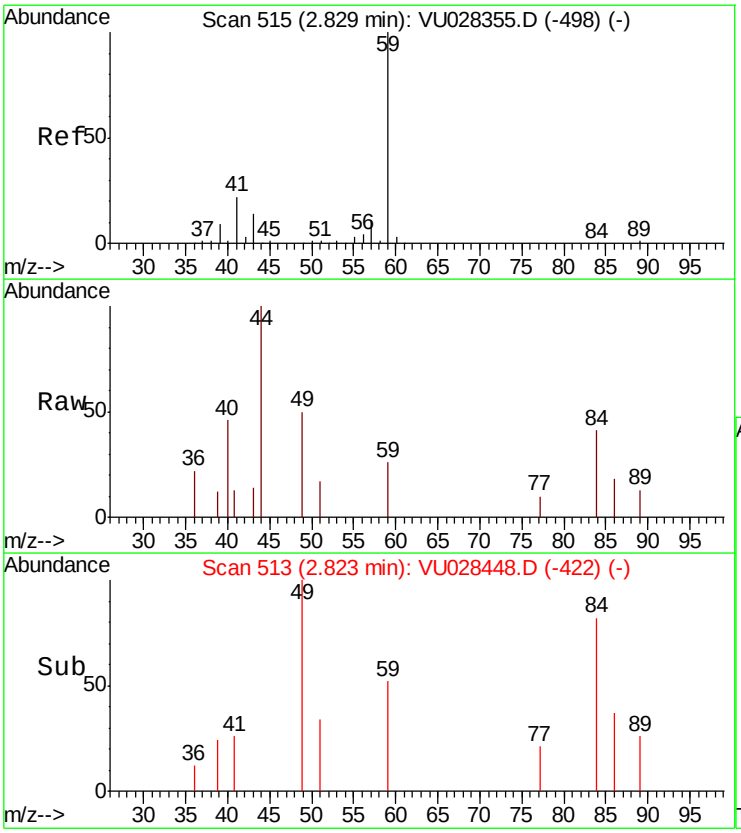
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion:168 Resp: 294053

Ion	Ratio	Lower	Upper
168	100		
99	60.7	49.6	74.4

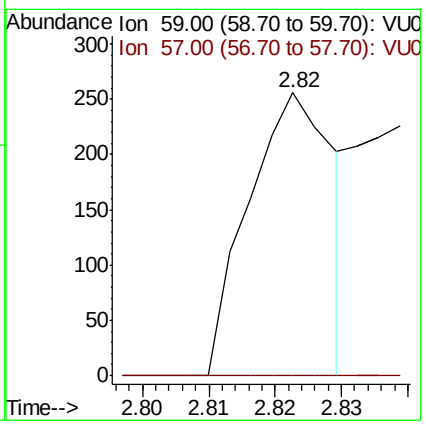


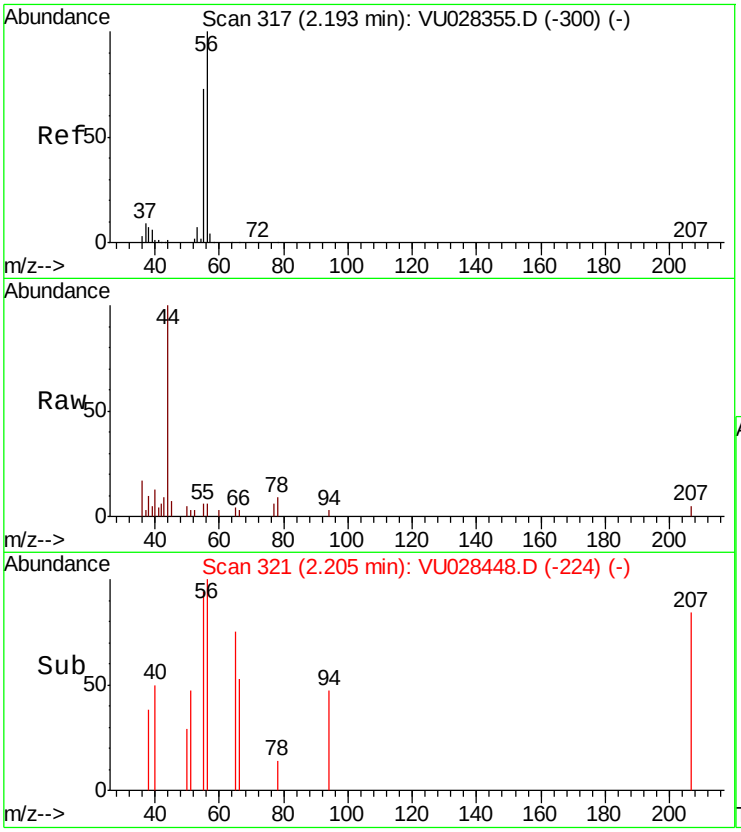


#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.01 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 59 Resp: 226

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



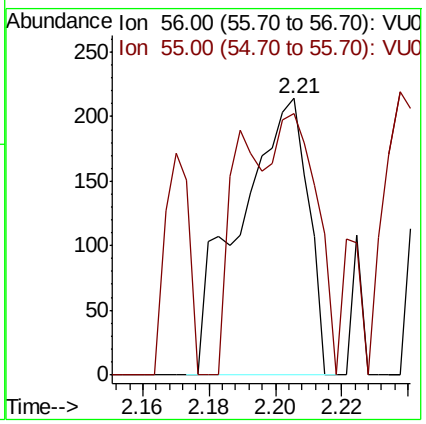


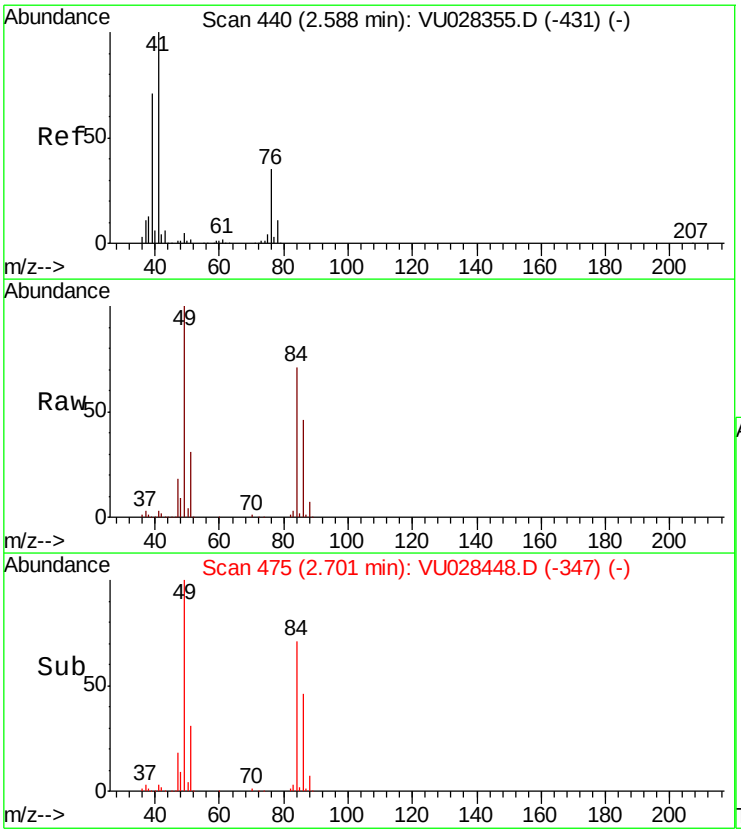
#13
Acrolein
Concen: 0.308 ug/l
RT: 2.21 min Scan# 321
Delta R.T. 0.01 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 56 Resp: 306

Ion	Ratio	Lower	Upper
56	100		
55	42.5	56.6	85.0#

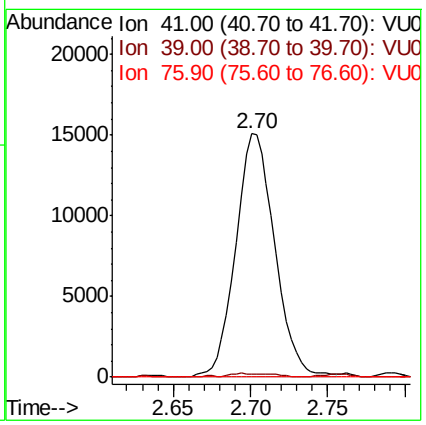


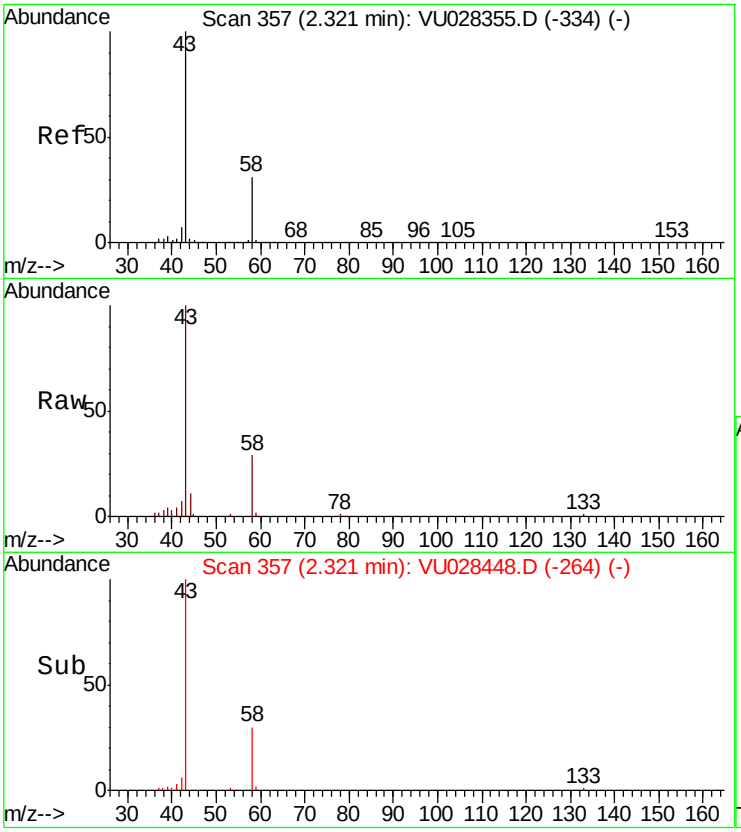


#14
Allyl chloride
Concen: 3.221 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.11 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 41 Resp: 26433

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



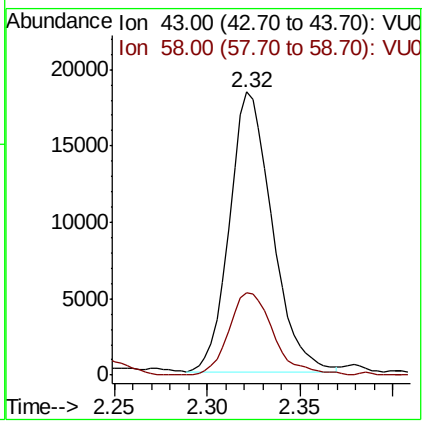


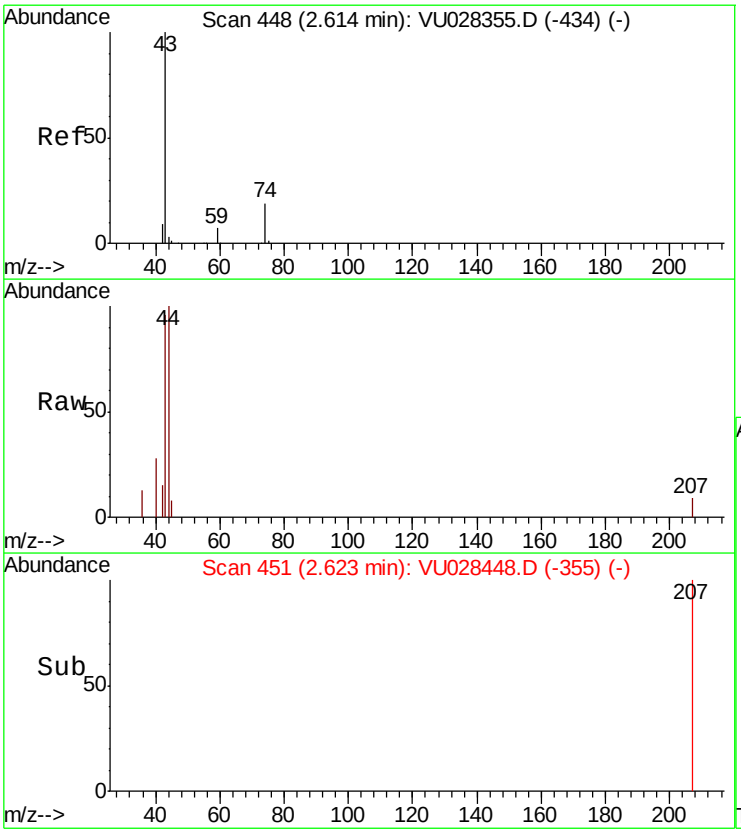
#16
Acetone
Concen: 9.767 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 43 Resp: 29362

Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.4	36.6

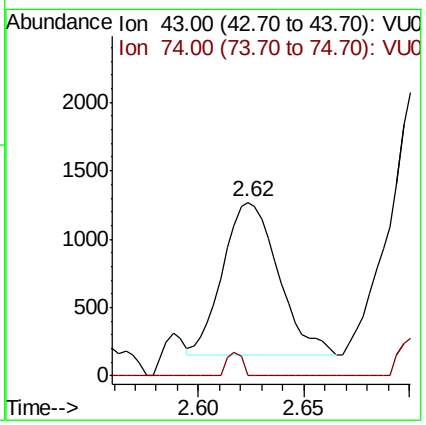


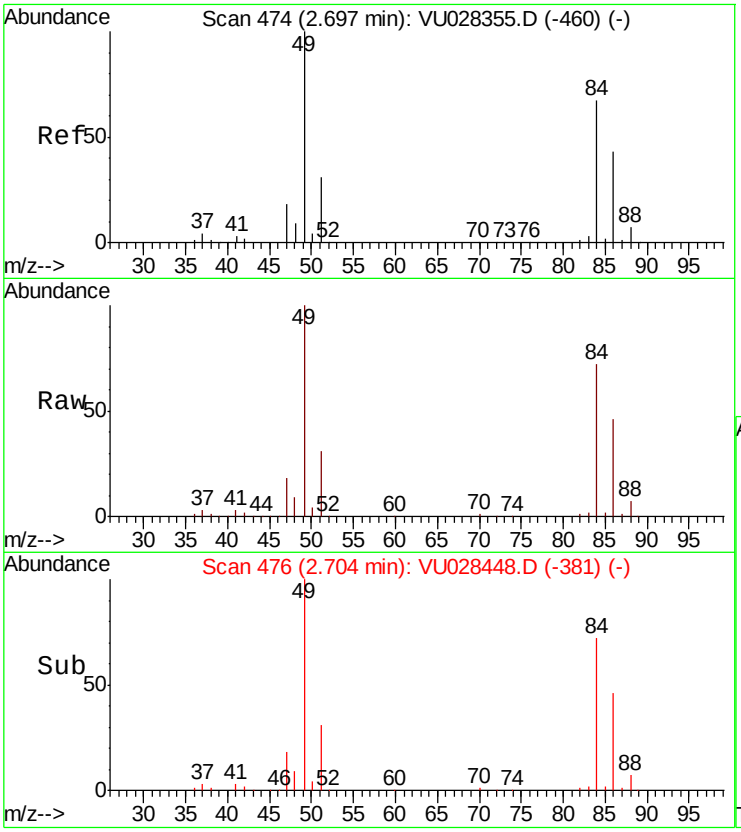


#18
Methyl Acetate
Concen: 0.243 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 43 Resp: 2032

Ion	Ratio	Lower	Upper
43	100		
74	4.3	15.3	22.9#



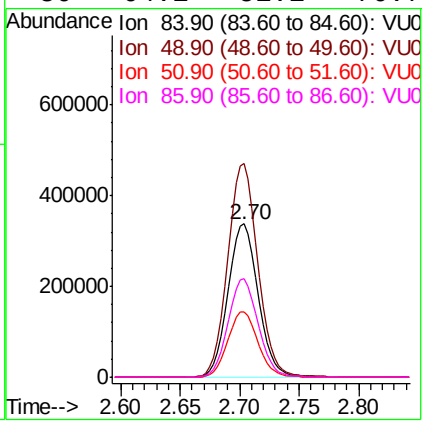


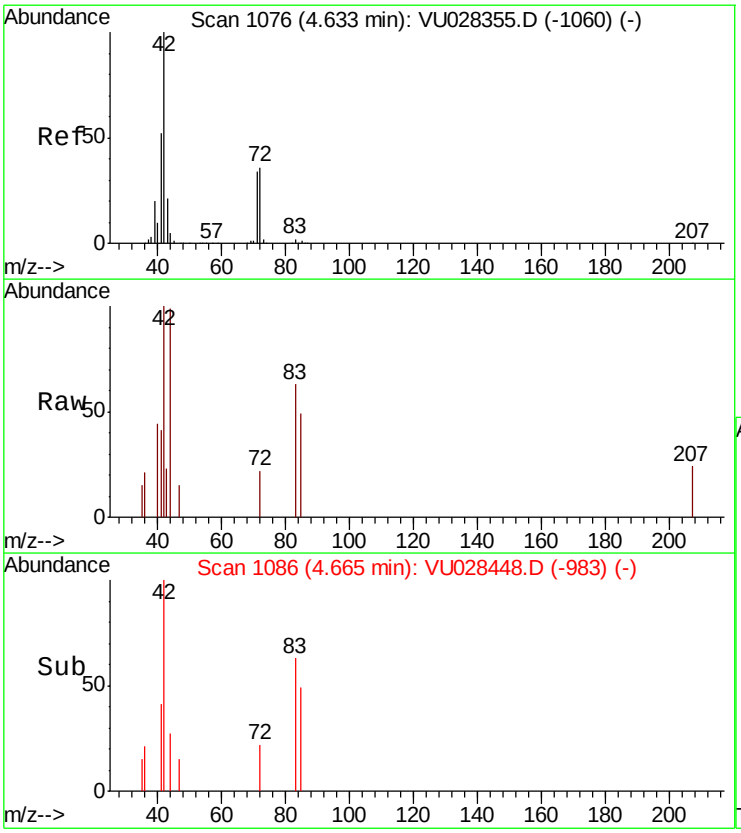
#20
Methylene Chloride
Concen: 140.558 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 84 Resp: 595422

Ion	Ratio	Lower	Upper
84	100		
49	139.4	120.0	180.0
51	42.8	36.9	55.3
86	64.1	51.1	76.7

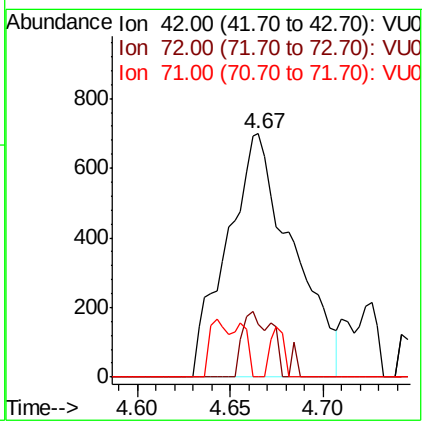


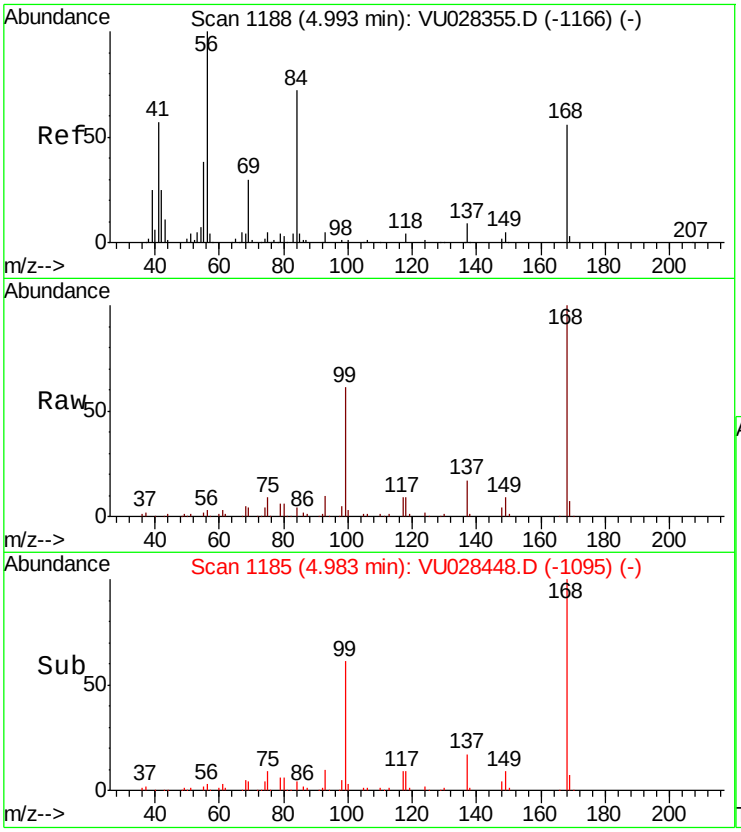


#29
Tetrahydrofuran
Concen: 0.613 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.03 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 42 Resp: 1714

Ion	Ratio	Lower	Upper
42	100		
72	11.9	29.5	44.3#
71	0.0	27.7	41.5#



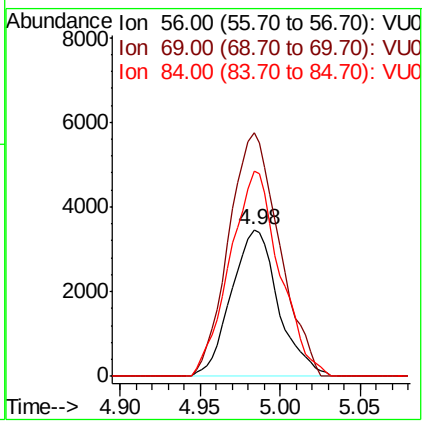


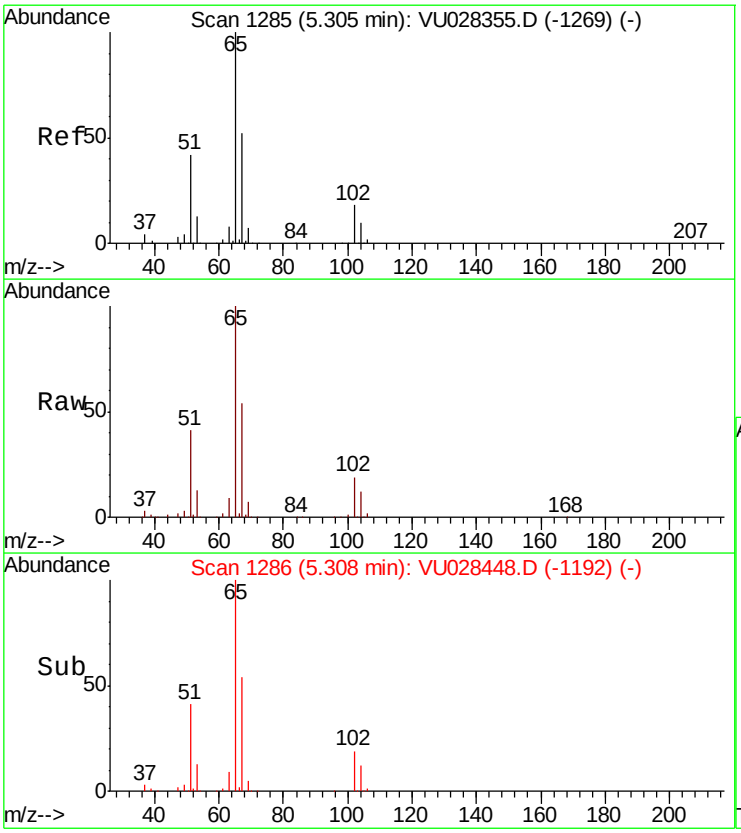
#31
Cyclohexane
Concen: 0.467 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 56 Resp: 6945

Ion	Ratio	Lower	Upper
56	100		
69	166.1	23.7	35.5#
84	140.1	57.3	85.9#

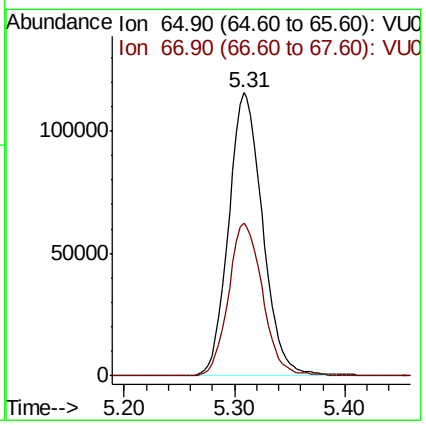


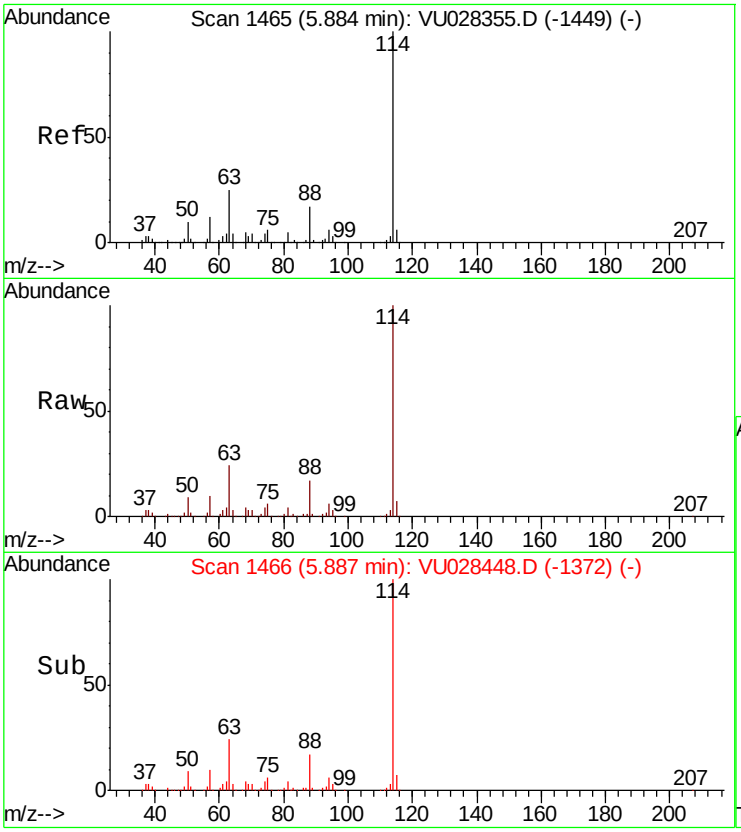


#33
1,2-Dichloroethane-d4
Concen: 50.153 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 65 Resp: 246471

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	106.8



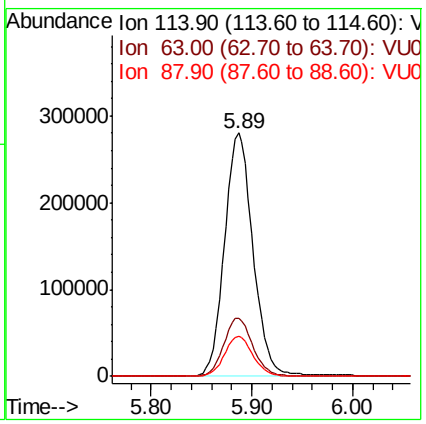


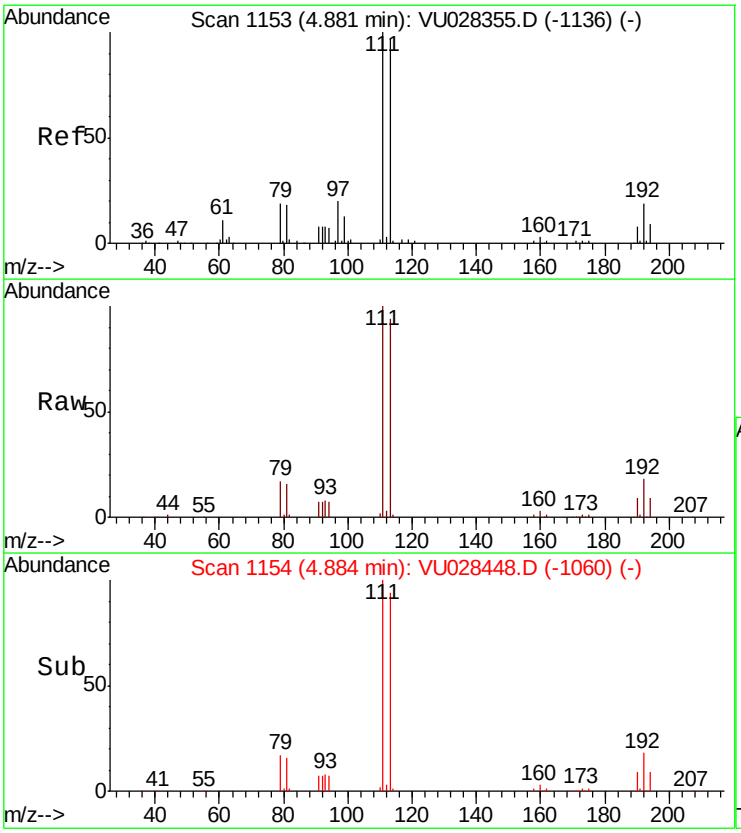
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion:114 Resp: 554164

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	50.0
88	16.5	0.0	34.4

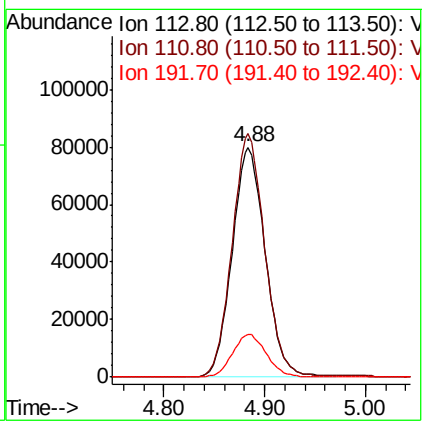


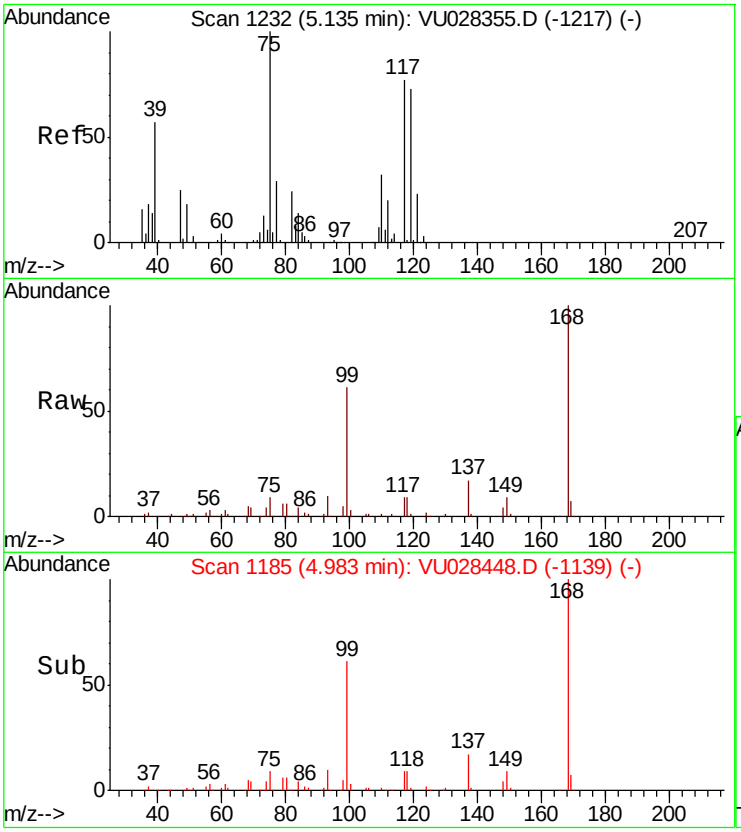


#35
Dibromofluoromethane
Concen: 49.398 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion:113 Resp: 182031

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.9	124.3
192	19.0	15.4	23.0



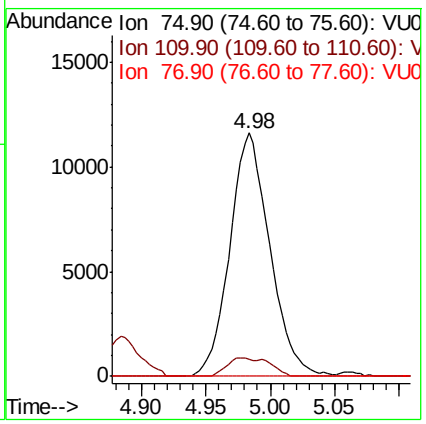


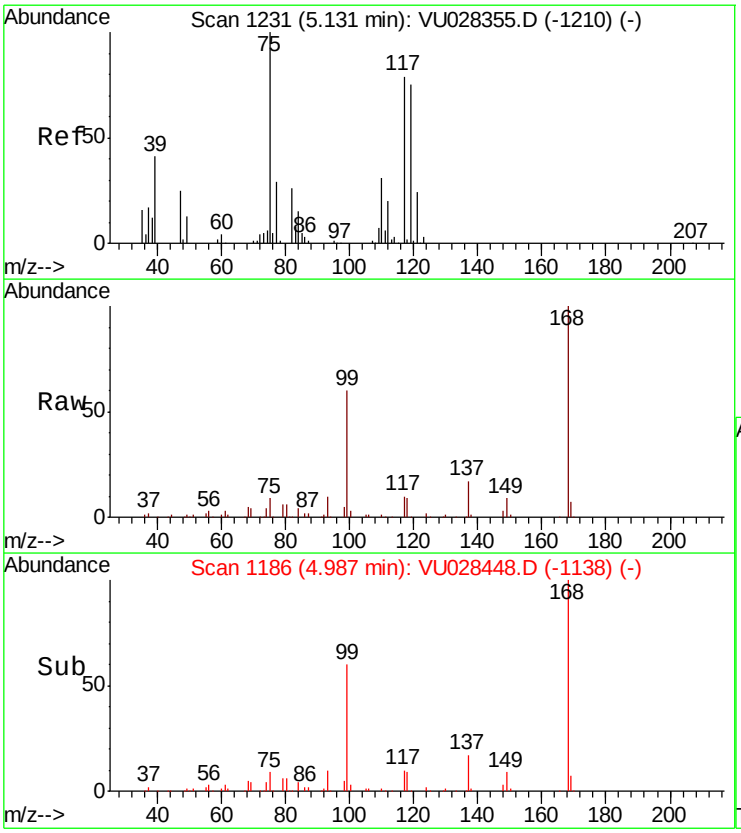
#36
1,1-Dichloropropene
Concen: 4.142 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 75 Resp: 25120

Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.8	47.4#
77	0.0	24.6	36.8#

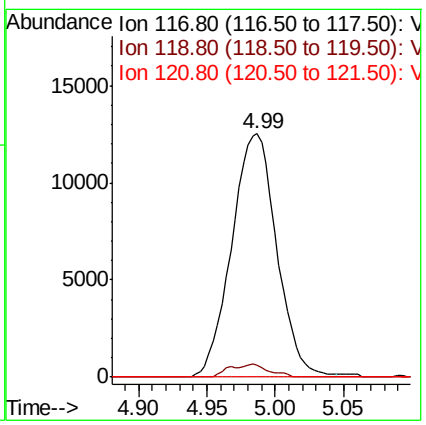


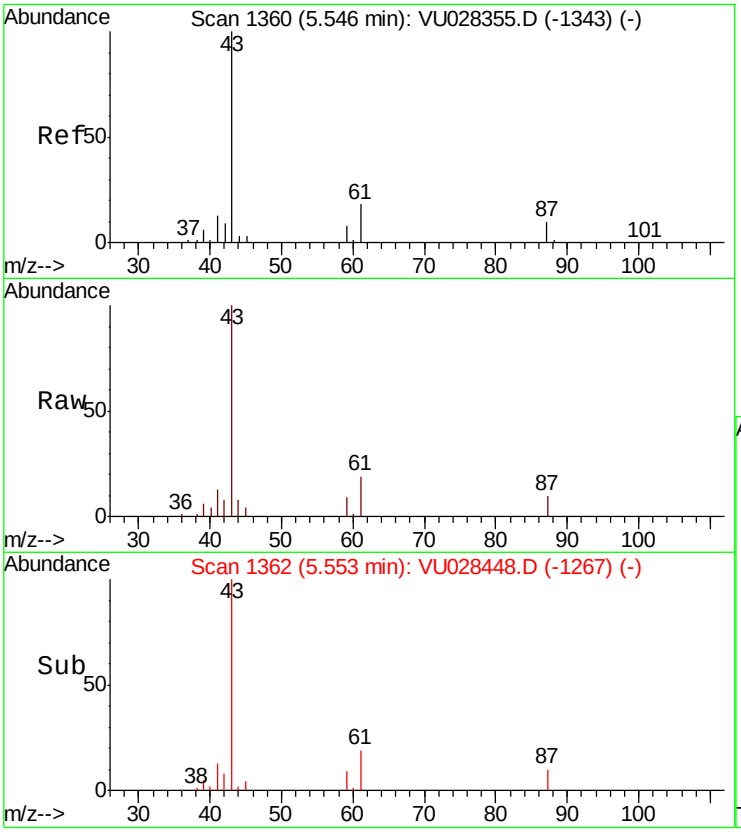


#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.14 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion:117 Resp: 28714

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.3	114.5#
121	0.0	24.7	37.1#



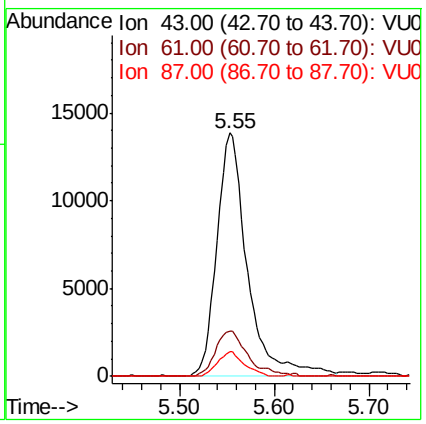


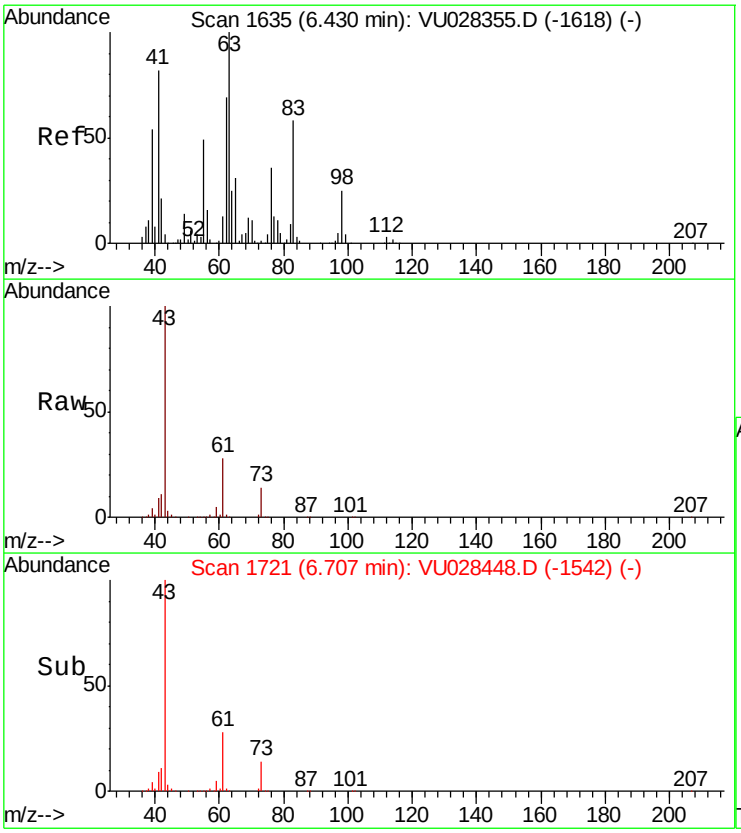
#43
Isopropyl Acetate
Concen: 2.389 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 43 Resp: 31284

Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.5	21.7
87	8.8	8.4	12.6

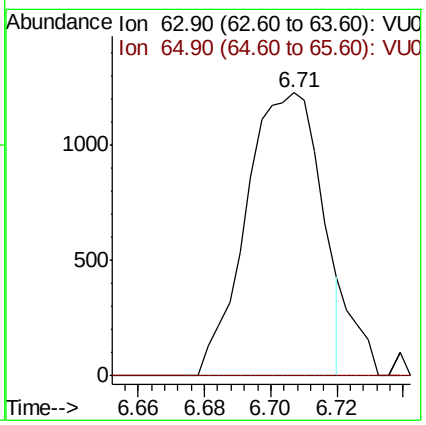


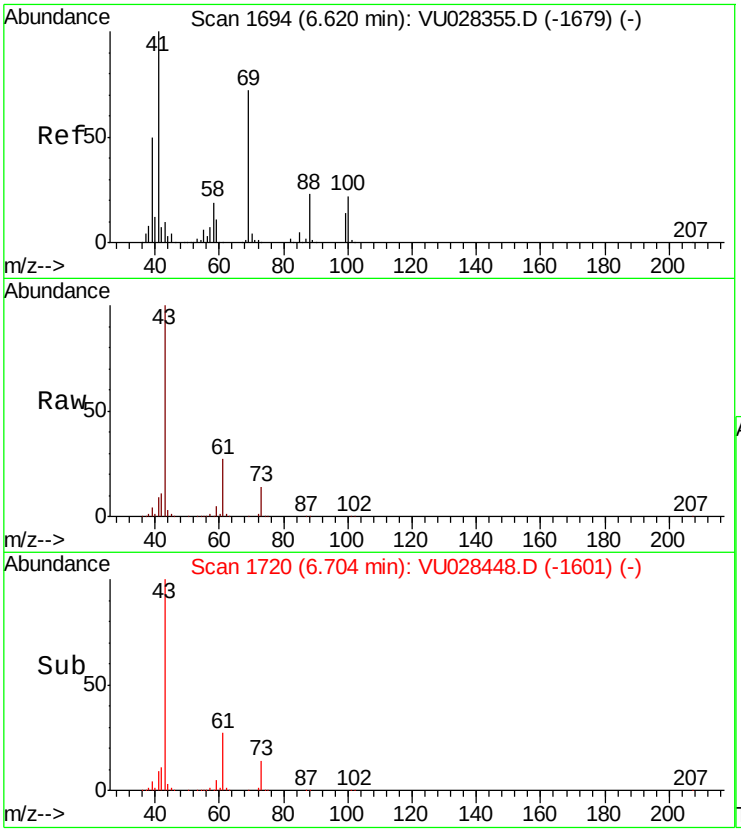


#45
1,2-Dichloropropane
Concen: 0.367 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.28 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 63 Resp: 1929

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#



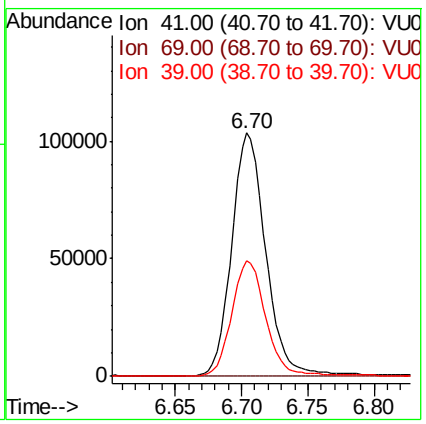


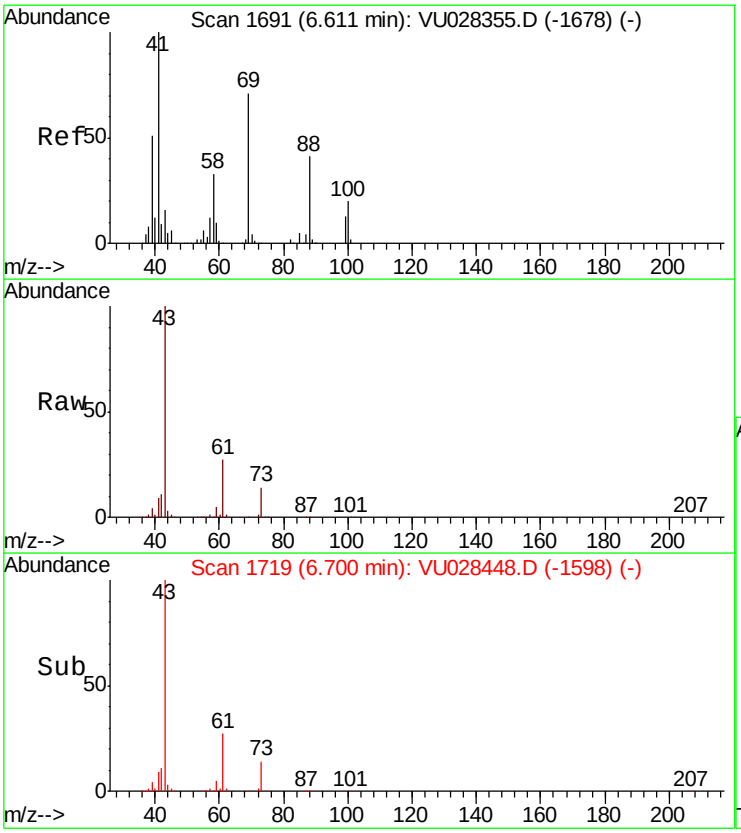
#48
Methyl methacrylate
Concen: 26.807 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.08 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 41 Resp: 182866

Ion	Ratio	Lower	Upper
41	100		
69	0.1	59.0	88.4#
39	48.3	40.5	60.7

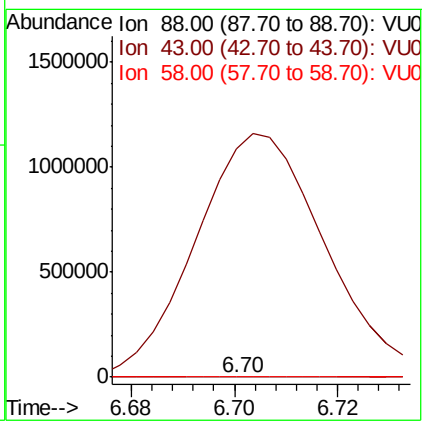


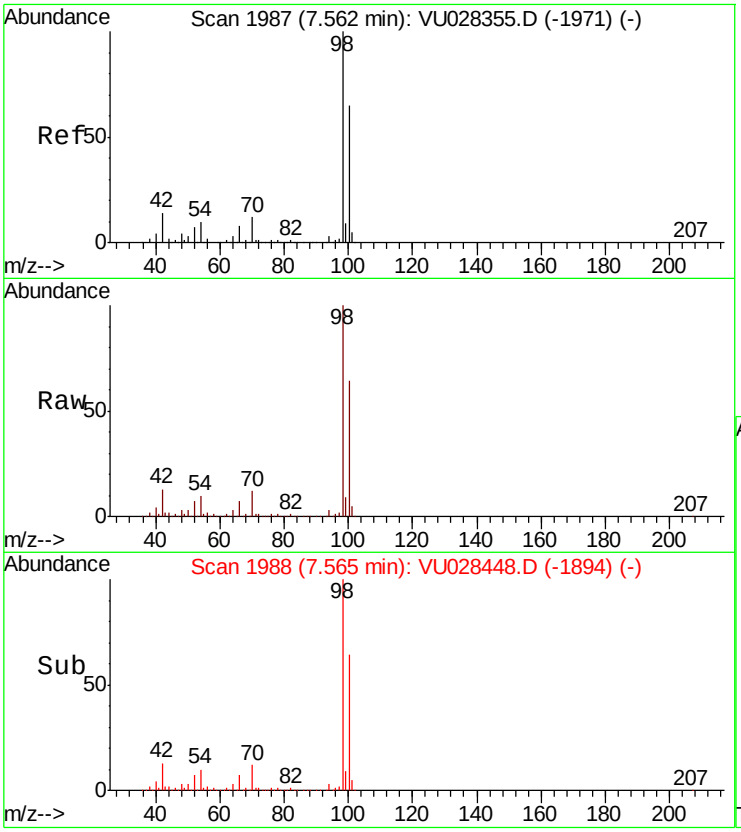


#49
1,4-Dioxane
Concen: 1.312 ug/l
RT: 6.70 min Scan# 1719
Delta R.T. 0.09 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 88 Resp: 143

Ion	Ratio	Lower	Upper
88	100		
43	1465003.5	32.6	48.8#
58	5293.7	68.7	103.1#



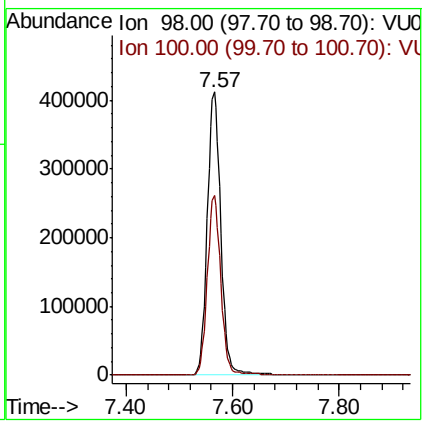


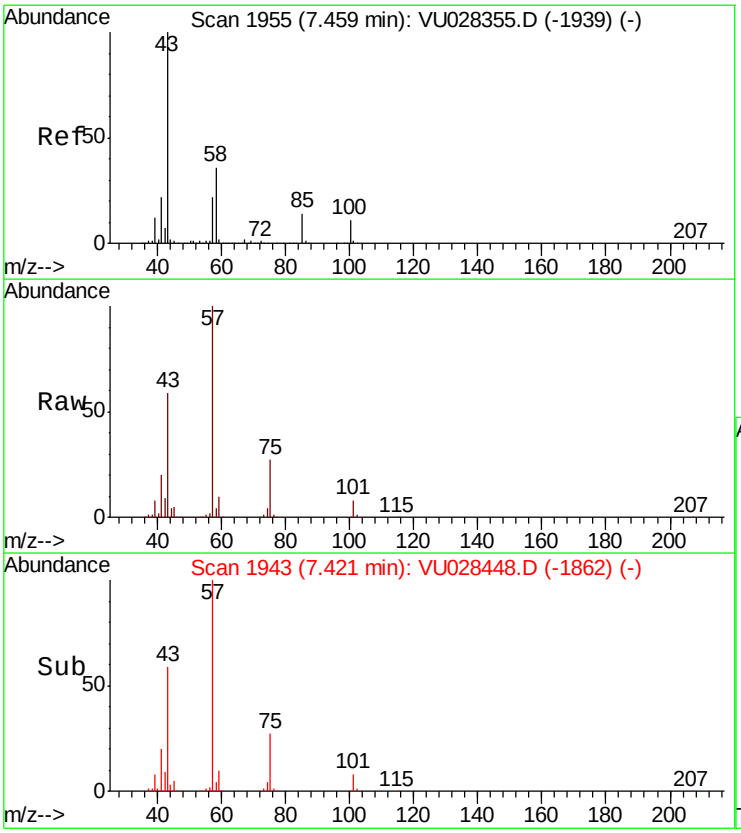
#50
Toluene-d8
Concen: 49.671 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 98 Resp: 732009

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.8	76.2

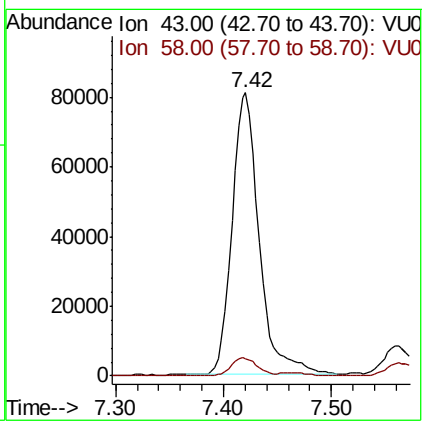


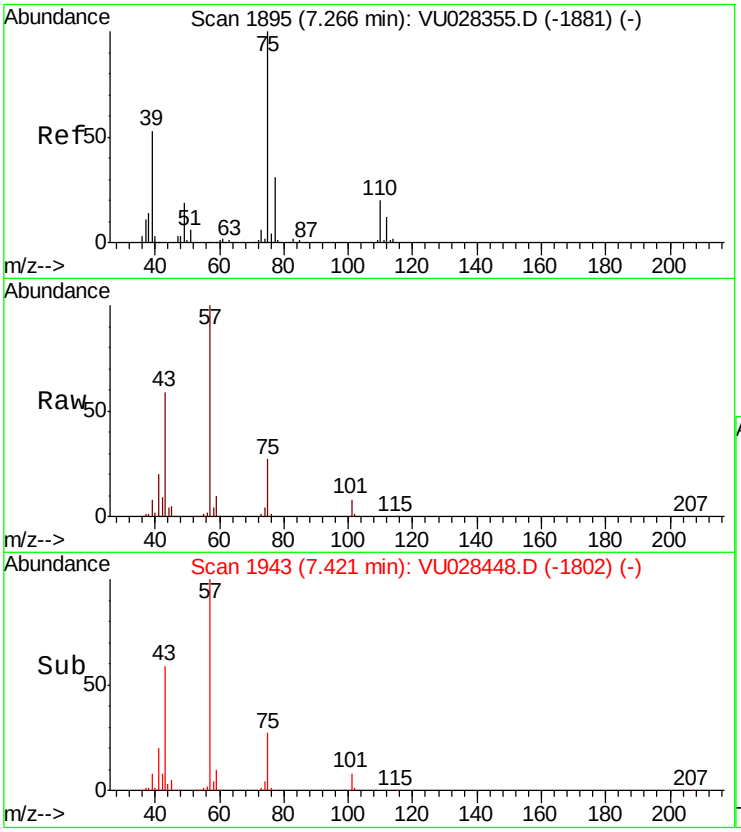


#51
4-Methyl-2-Pentanone
Concen: 17.021 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 43 Resp: 142367

Ion	Ratio	Lower	Upper
43	100		
58	6.2	28.8	43.2#



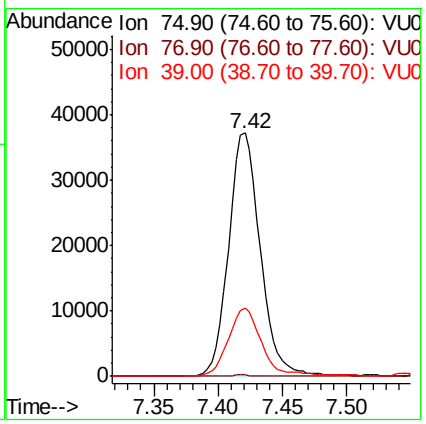


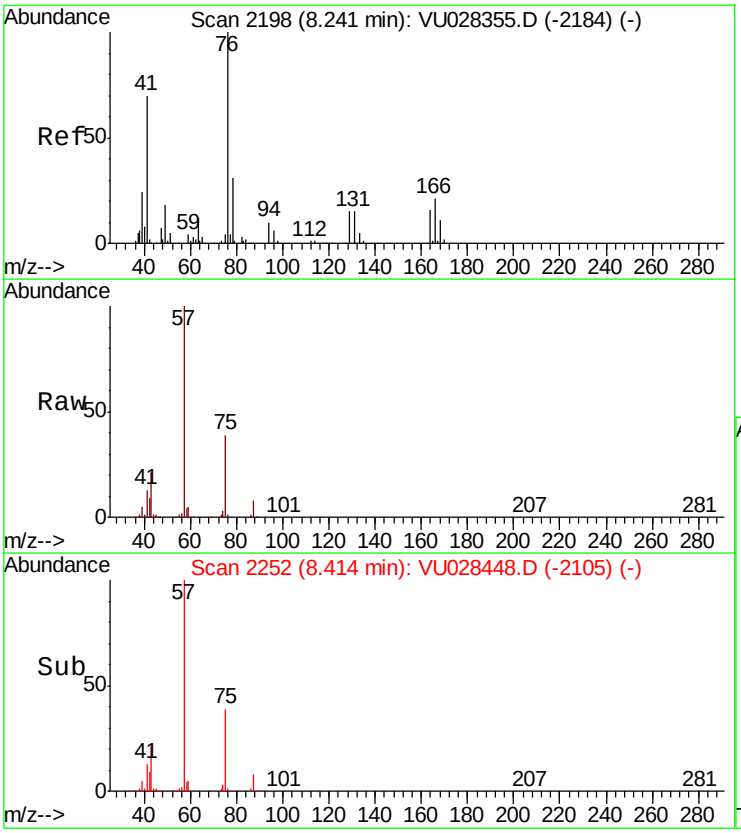
#54
cis-1,3-Dichloropropene
Concen: 8.245 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. 0.15 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 75 Resp: 63467

Ion	Ratio	Lower	Upper
75	100		
77	0.5	24.9	37.3#
39	28.1	42.6	64.0#

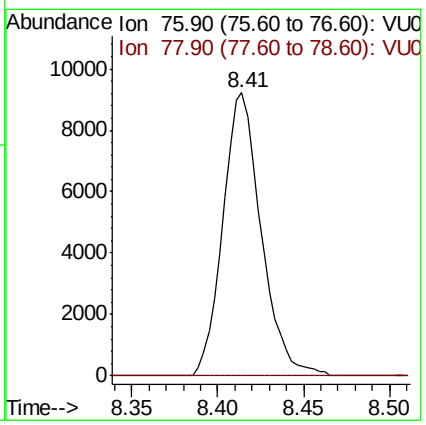


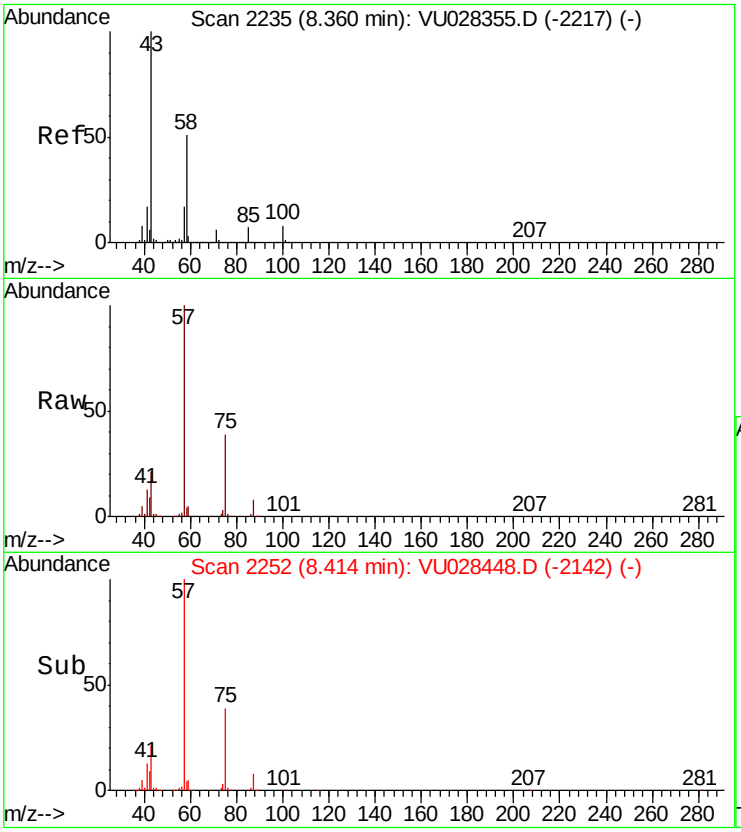


#57
1,3-Dichloropropane
Concen: 1.812 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.17 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 76 Resp: 14300

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



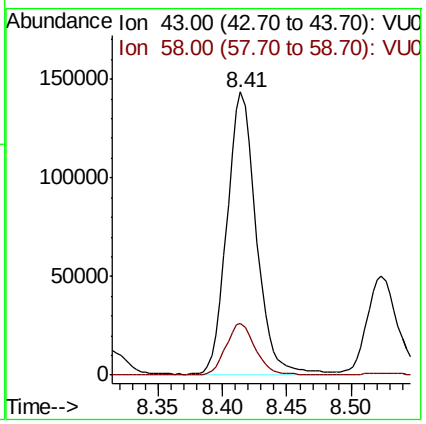


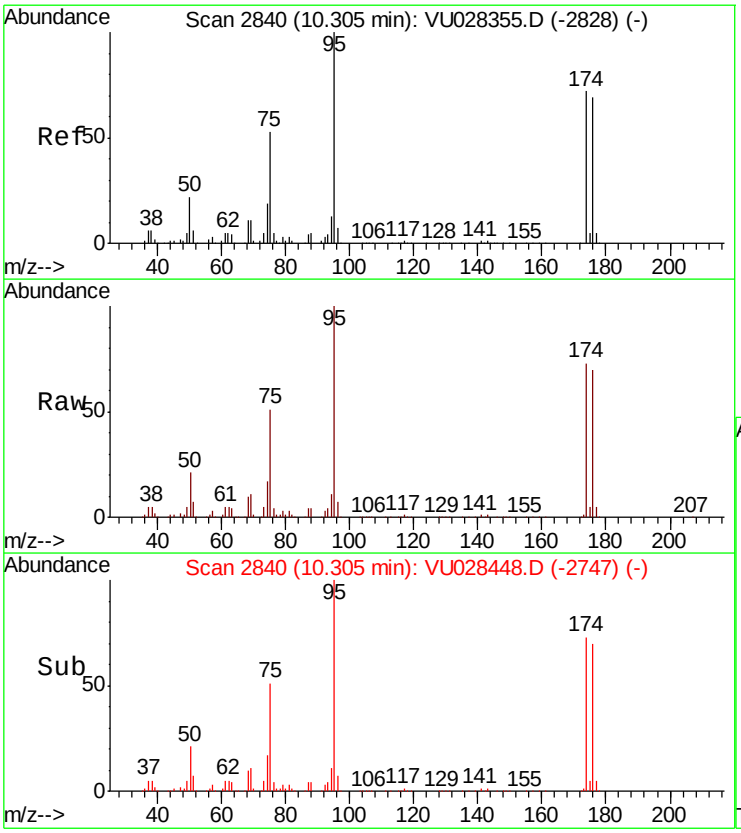
#59
2-Hexanone
Concen: 34.609 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.05 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 43 Resp: 224223

Ion	Ratio	Lower	Upper
43	100		
58	18.9	25.5	76.5#

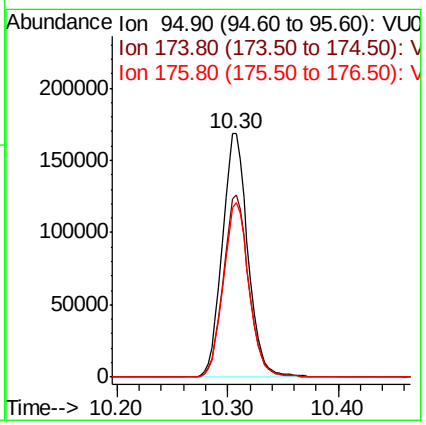


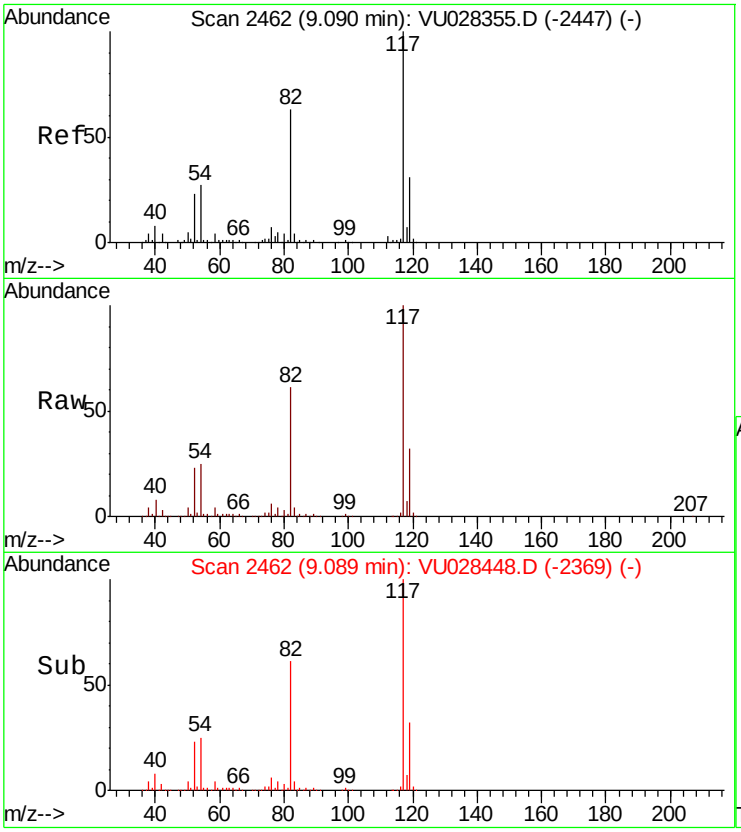


#62
4-Bromofluorobenzene
Concen: 50.931 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 95 Resp: 270530

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	145.4
176	71.8	0.0	140.8



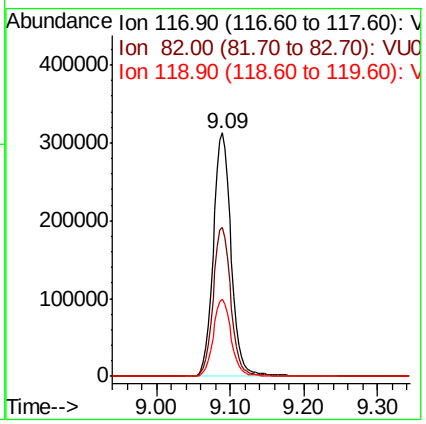


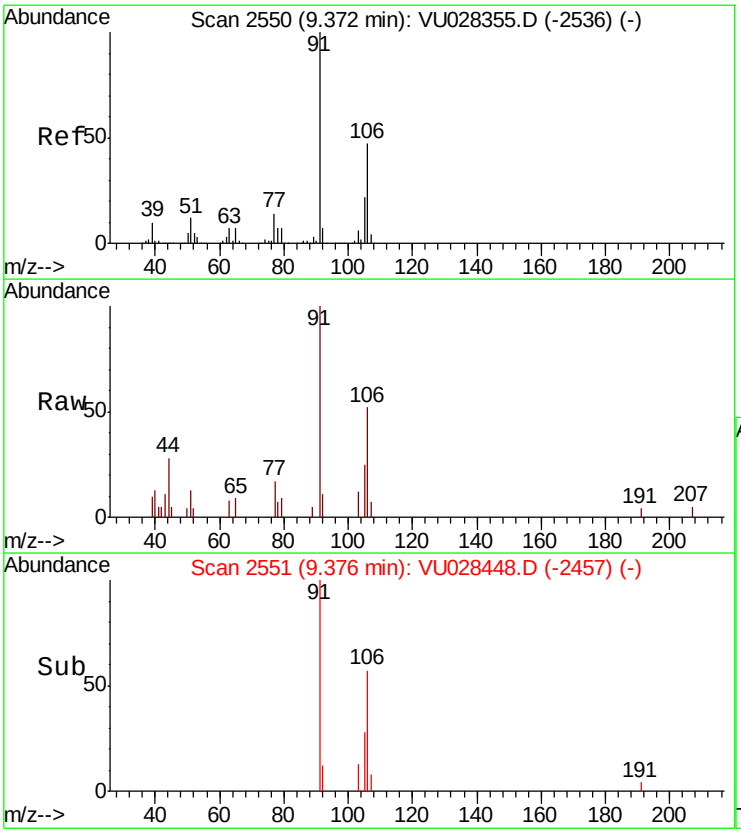
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion:117 Resp: 523071

Ion	Ratio	Lower	Upper
117	100		
82	61.1	50.3	75.5
119	31.5	24.8	37.2

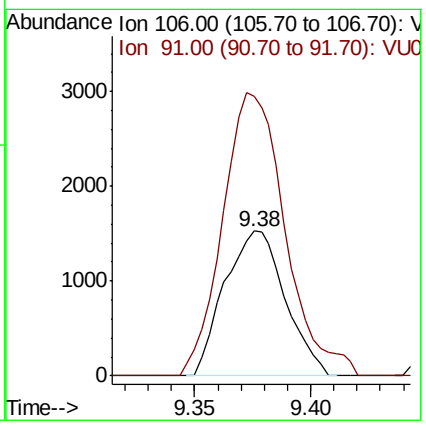


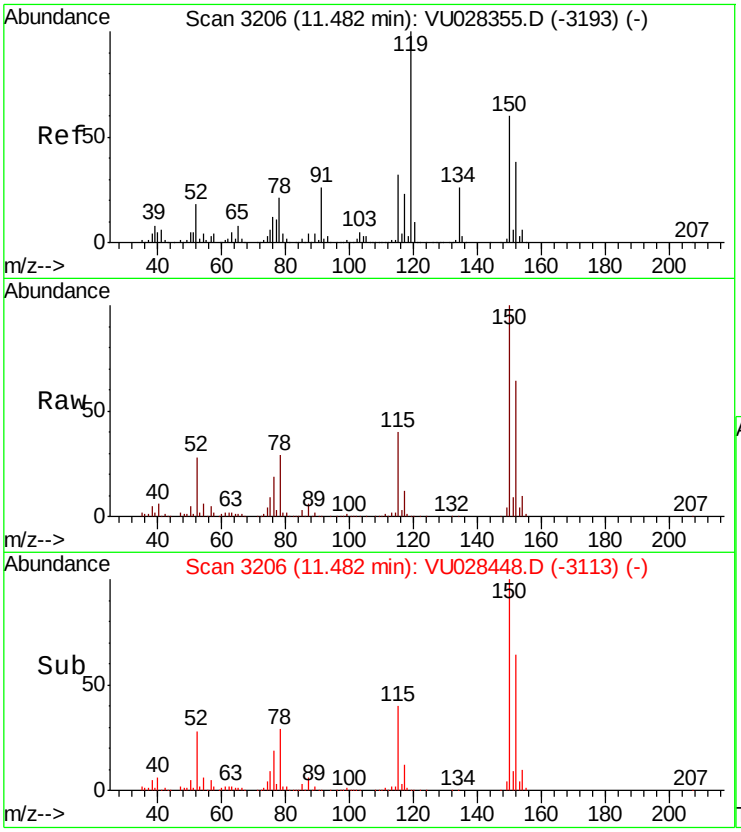


#68
m/p-Xylenes
Concen: 0.378 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion:106 Resp: 2781

Ion	Ratio	Lower	Upper
106	100		
91	200.9	171.0	256.6



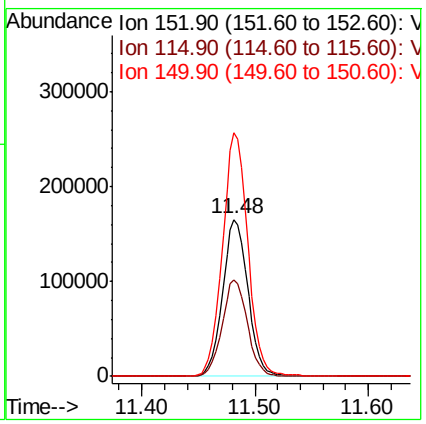


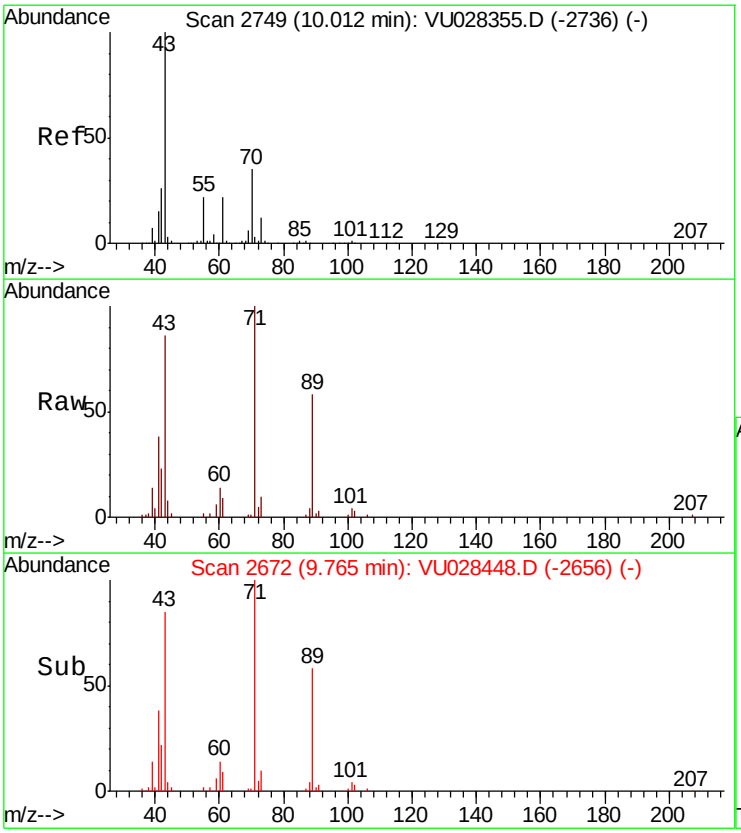
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion:152 Resp: 257312

Ion	Ratio	Lower	Upper
152	100		
115	61.0	45.0	134.8
150	155.2	0.0	349.2

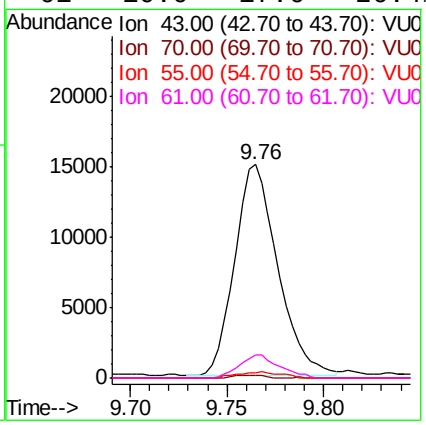


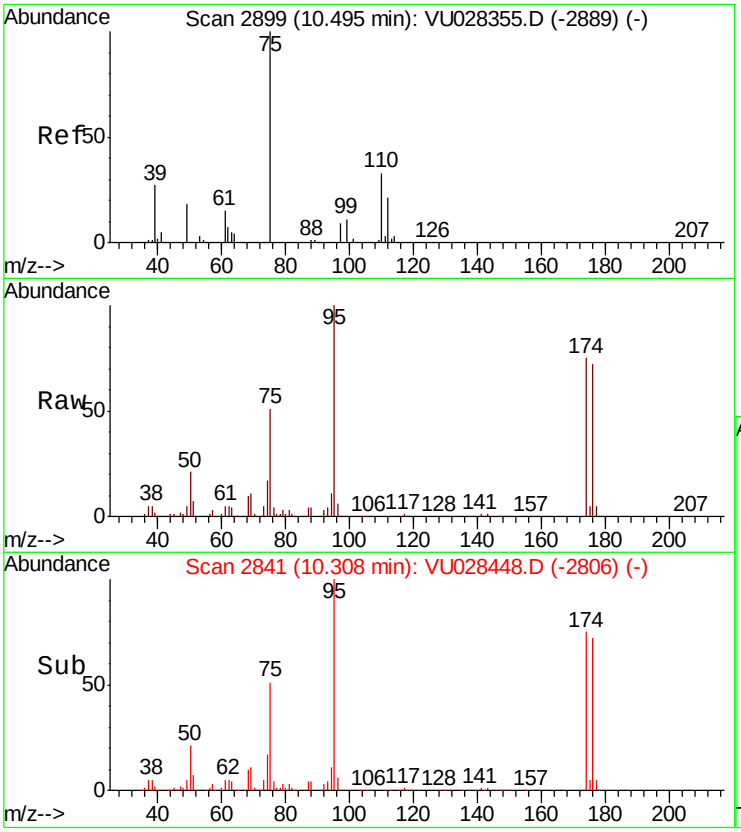


#74
N-amyl acetate
Concen: 1.859 ug/l
RT: 9.76 min Scan# 2672
Delta R.T. -0.25 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion: 43 Resp: 23303

Ion	Ratio	Lower	Upper
43	100		
70	1.0	28.4	42.6#
55	2.7	18.0	27.0#
61	10.0	17.6	26.4#



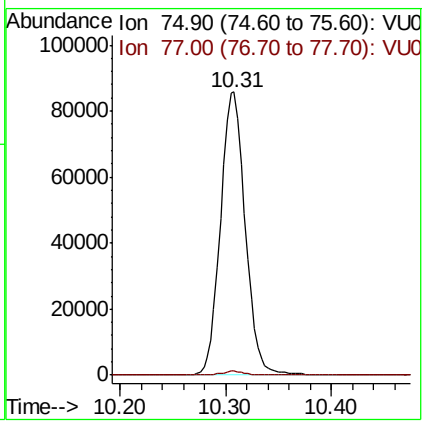


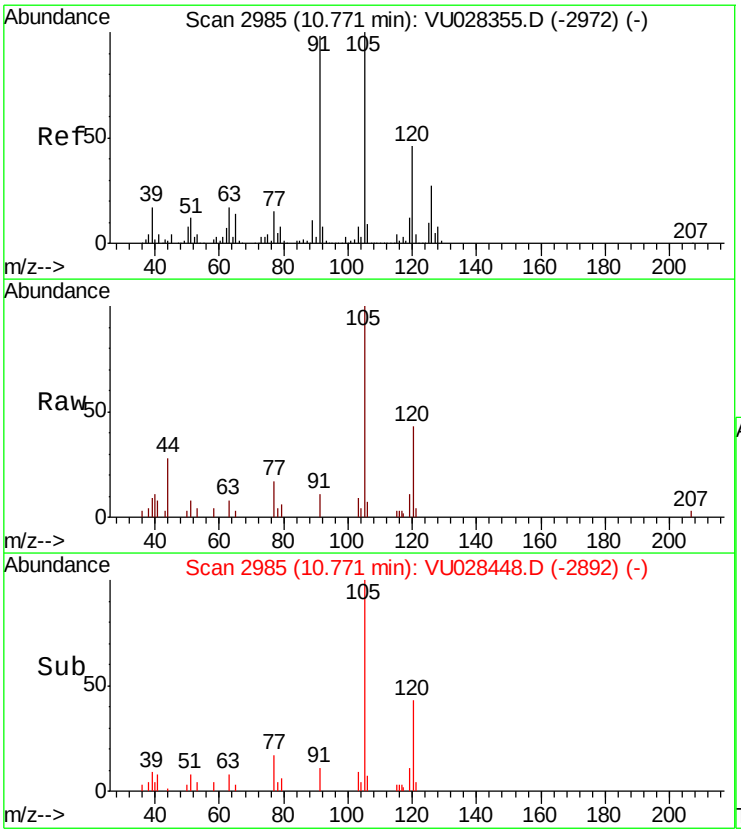
#76
1,2,3-Trichloropropane
Concen: 19.551 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 75 Resp: 139504

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.4	67.0#

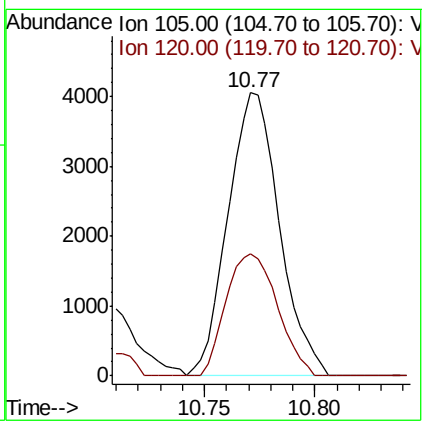


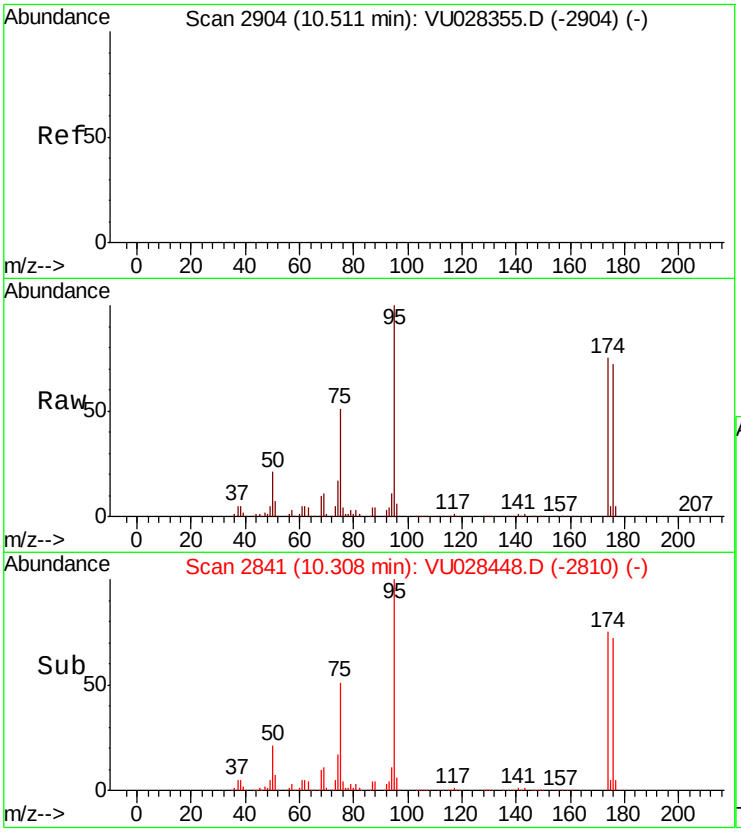


#80
1,3,5-Trimethylbenzene
Concen: 0.390 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion:105 Resp: 6575

Ion	Ratio	Lower	Upper
105	100		
120	43.0	23.4	70.0



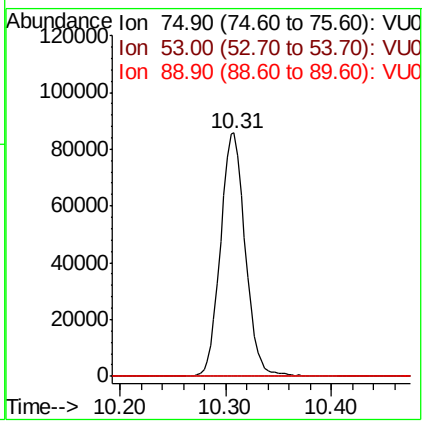


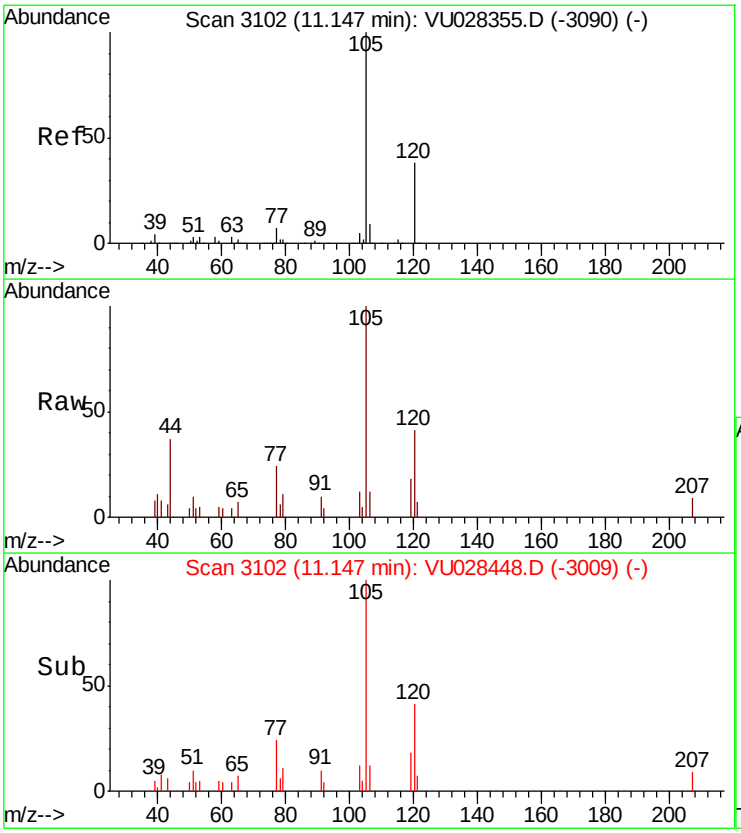
#81
trans-1,4-Dichloro-2-butene
Concen: 51.897 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion: 75 Resp: 139504

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

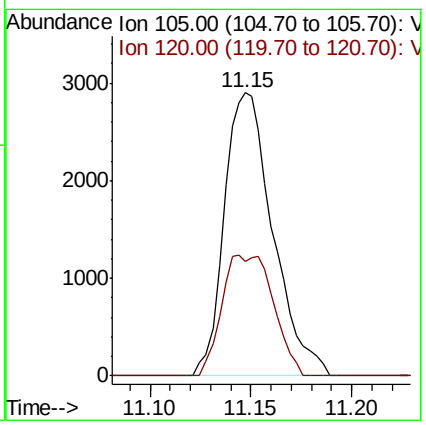


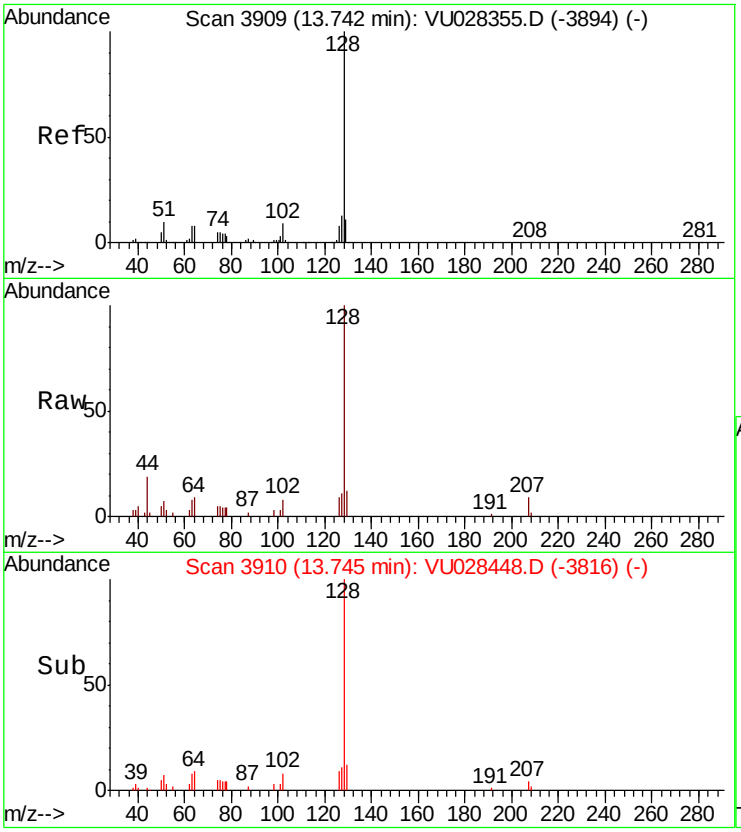


#84
1,2,4-Trimethylbenzene
Concen: 0.286 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

Tgt Ion:105 Resp: 4879

Ion	Ratio	Lower	Upper
105	100		
120	45.2	21.4	64.3





#95
Naphthalene
Concen: 3.608 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU028448.D
Acq: 03 Dec 2018 17:52

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

Tgt Ion:128 Resp: 17729

Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.6	15.8
129	9.1	8.6	12.8