Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120318\
Data File : VU028446.D
Acq On : 03 Dec 2018 17:05
Operator : MD/SY
Sample : J5764-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Dec 04 06:57:17 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	285160	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.89	114	534574	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	513140	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	247351	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	242371	50.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.72%				
35) Dibromofluoromethane	4.88	113	178527	50.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.44%				
50) Toluene-d8	7.57	98	705401	49.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.24%				
62) 4-Bromofluorobenzene	10.31	95	259878	50.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.44%				
Target Compounds							Qvalue
11) Tert butyl alcohol	2.84	59	785	0.725	ug/l	#	72
13) Acrolein	2.20	56	298	0.310	ug/l	#	56
14) Allyl chloride	2.70	41	139705	17.552	ug/l	#	27
16) Acetone	2.32	43	16978	5.824	ug/l		100
18) Methyl Acetate	2.62	43	2878	0.355	ug/l	#	67
20) Methylene Chloride	2.70	84	2971255	723.590	ug/l		96
28) Bromochloromethane	4.56	49	3415	0.884	ug/l	#	89
29) Tetrahydrofuran	4.67	42	1385	0.511	ug/l	#	65
31) Cyclohexane	4.99	56	7190	0.525	ug/l	#	1
36) 1,1-Dichloropropene	4.98	75	24954	4.266	ug/l	#	50
38) Carbon Tetrachloride	4.98	117	28048	5.839	ug/l	#	16
43) Isopropyl Acetate	5.55	43	34900	2.763	ug/l		98
45) 1,2-Dichloropropane	6.70	63	2293	0.452	ug/l	#	43
48) Methyl methacrylate	6.70	41	180425	27.418	ug/l	#	47
49) 1,4-Dioxane	6.70	88	103	0.980	ug/l	#	15
51) 4-Methyl-2-Pentanone	7.42	43	136016	16.858	ug/l	#	49
52) Toluene	7.64	92	4184	0.419	ug/l		100
54) cis-1,3-Dichloropropene	7.42	75	59004	7.946	ug/l	#	57
57) 1,3-Dichloropropane	8.41	76	13674	1.796	ug/l	#	43
59) 2-Hexanone	8.41	43	218297	34.929	ug/l	#	52
67) Ethyl Benzene	9.25	91	6766	0.337	ug/l	#	83
68) m/p-Xylenes	9.38	106	8493	1.176	ug/l		78
69) o-Xylene	9.78	106	2805	0.391	ug/l		86
74) N-amyl acetate	9.76	43	21322	1.769	ug/l	#	57
76) 1,2,3-Trichloropropane	10.30	75	135553	19.762	ug/l	#	33
80) 1,3,5-Trimethylbenzene	10.77	105	6633	0.409	ug/l		94
81) trans-1,4-Dichloro-2-buten	10.30	75	135553	52.458	ug/l	#	100
84) 1,2,4-Trimethylbenzene	11.15	105	14899	0.907	ug/l		100
95) Naphthalene	13.74	128	73879	6.183	ug/l		99

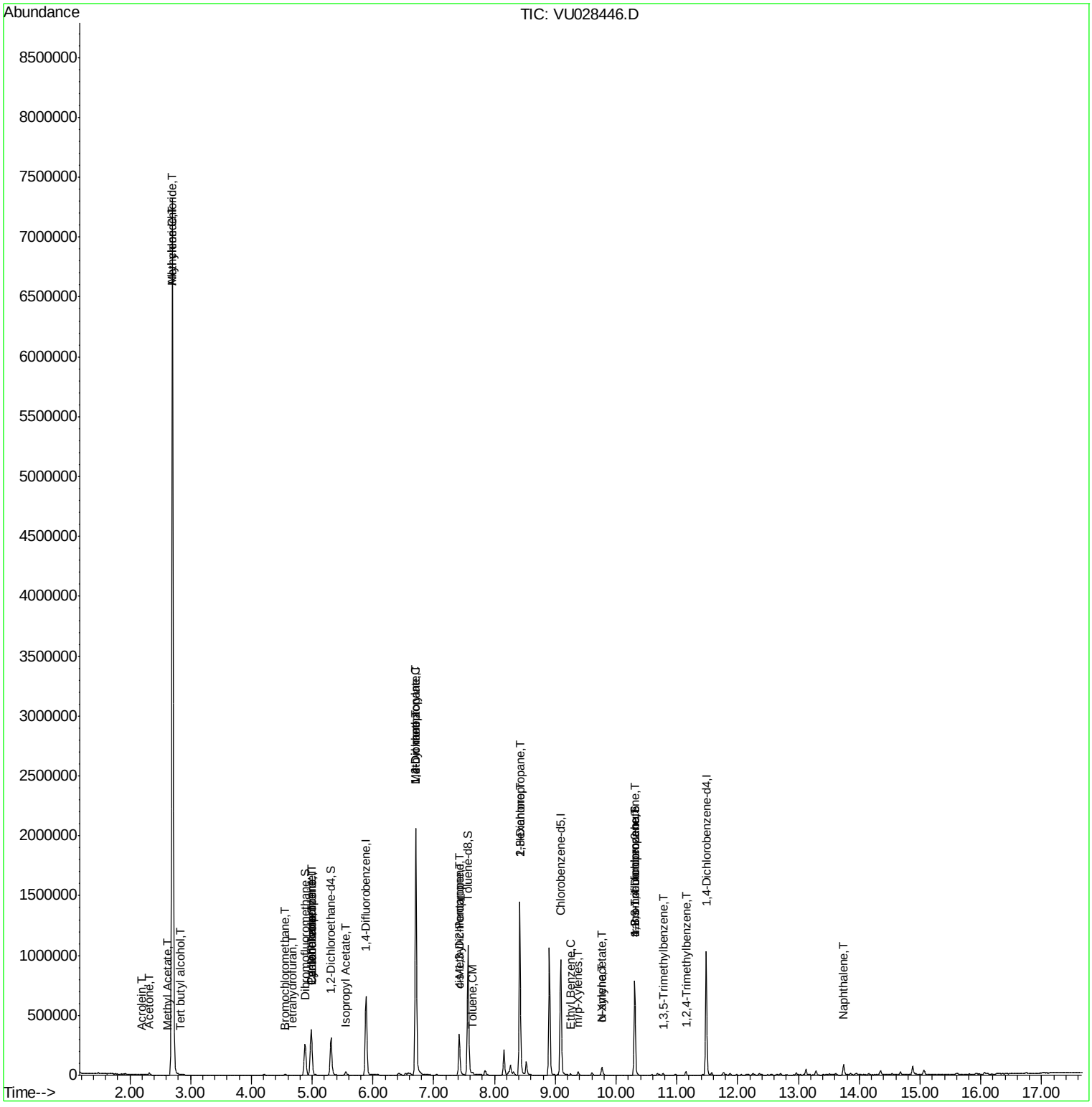
(#) = qualifier out of range (m) = manual integration (+) = signals summed

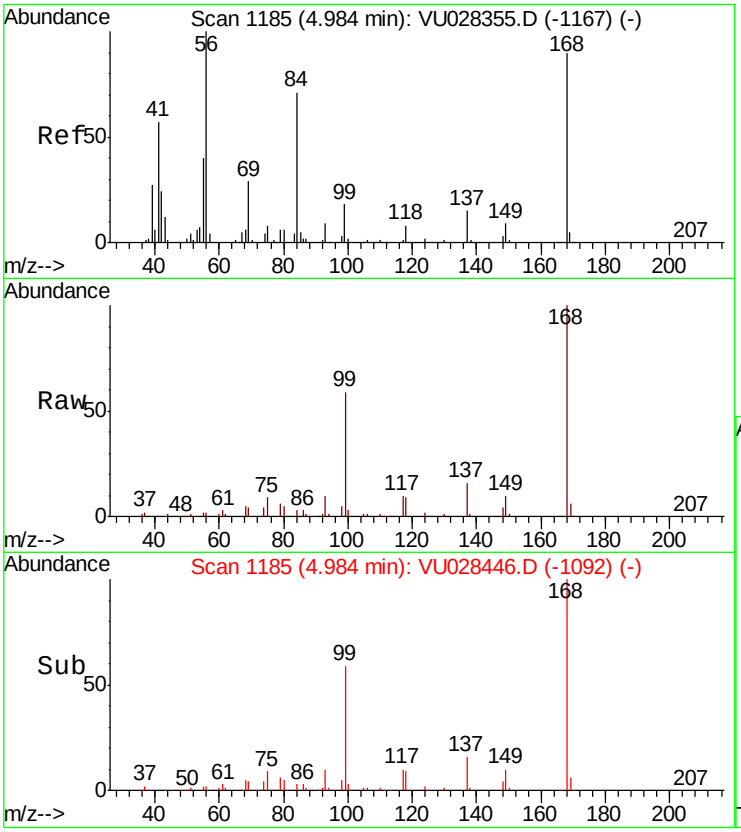
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
Data File : VU028446.D
Acq On : 03 Dec 2018 17:05
Operator : MD/SY
Sample : J5764-24
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Dec 04 06:57:17 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



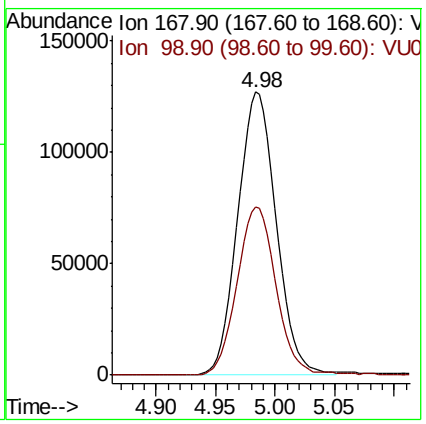


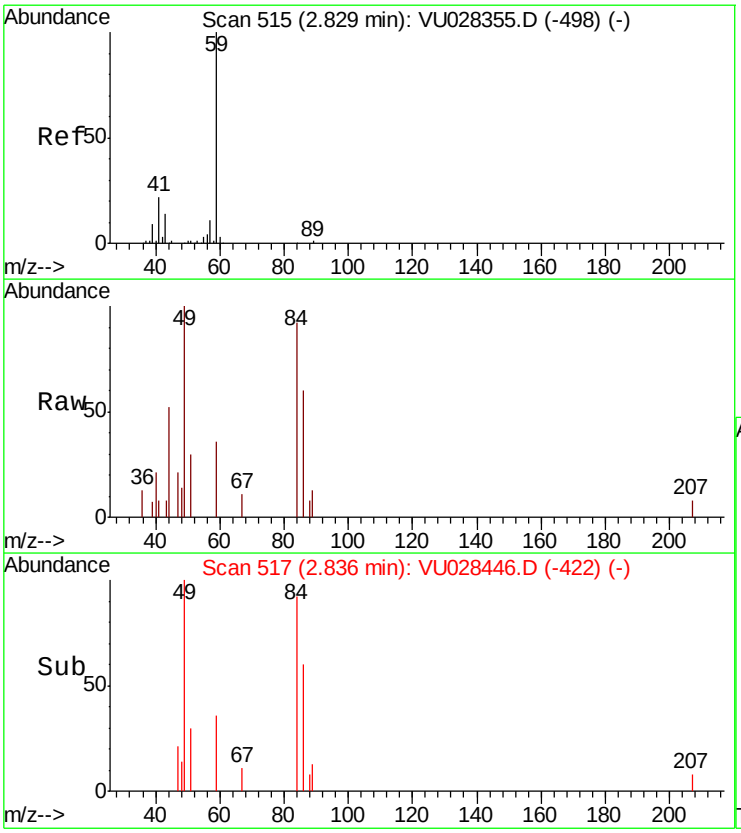
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion:168 Resp: 285160

Ion	Ratio	Lower	Upper
168	100		
99	59.4	49.6	74.4

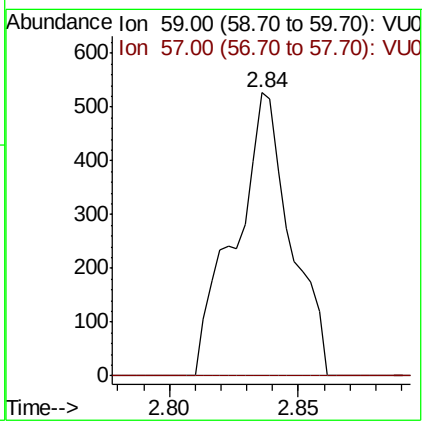


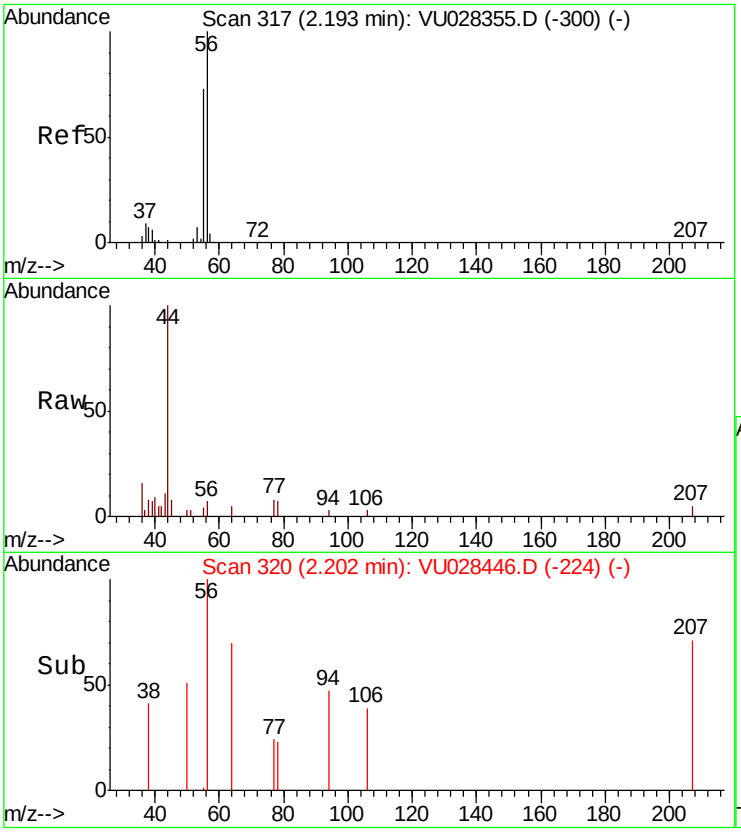


#11
Tert butyl alcohol
Concen: 0.725 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 59 Resp: 785

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



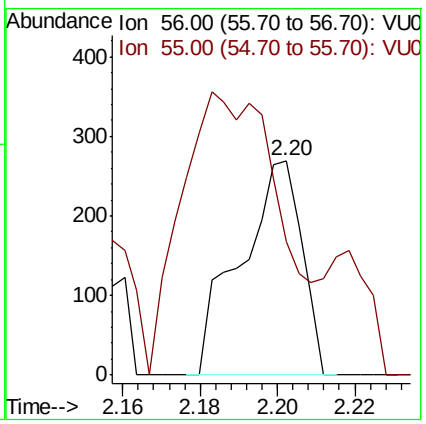


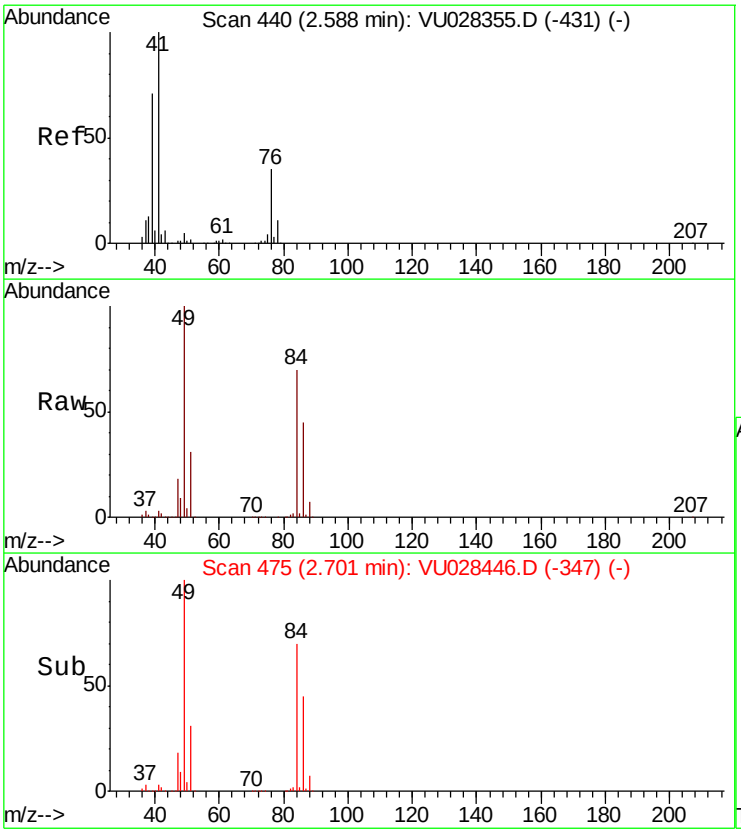
#13
Acrolein
Concen: 0.310 ug/l
RT: 2.20 min Scan# 320
Delta R.T. 0.01 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 56 Resp: 298

Ion	Ratio	Lower	Upper
56	100		
55	34.2	56.6	85.0#

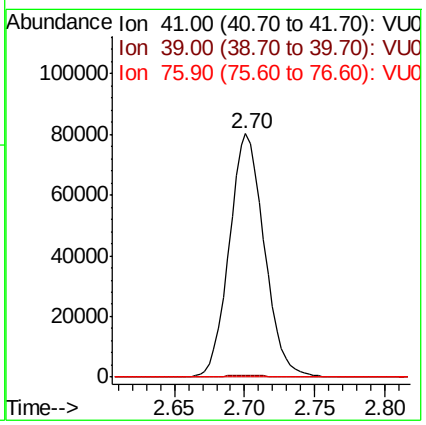


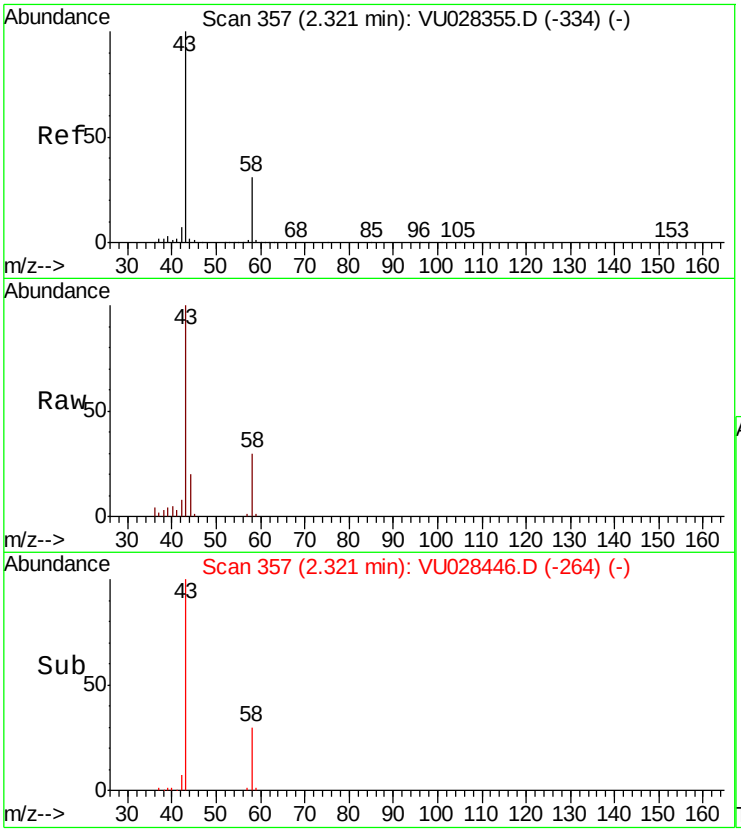


#14
Allyl chloride
Concen: 17.552 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.11 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 41 Resp: 139705

Ion	Ratio	Lower	Upper
41	100		
39	1.1	51.6	77.4#
76	0.0	24.4	36.6#



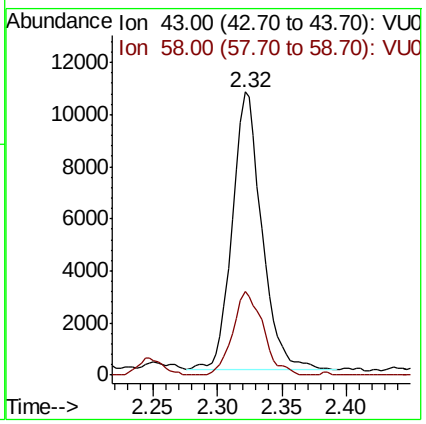


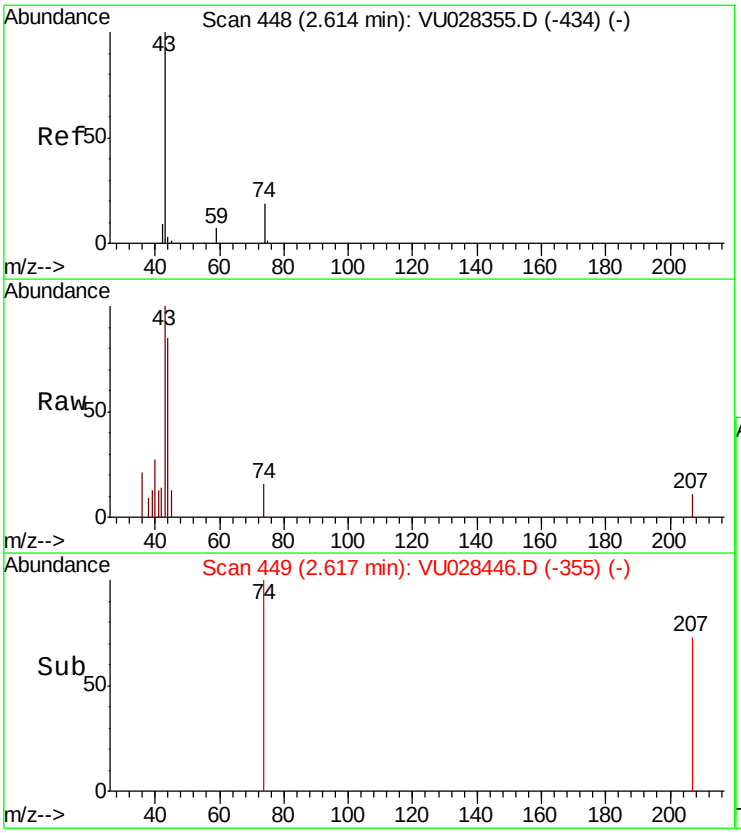
#16
Acetone
Concen: 5.824 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 43 Resp: 16978

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.4	36.6

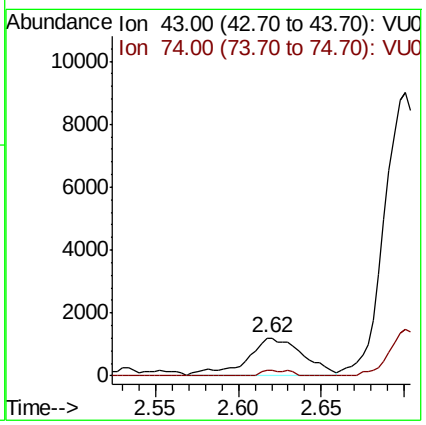


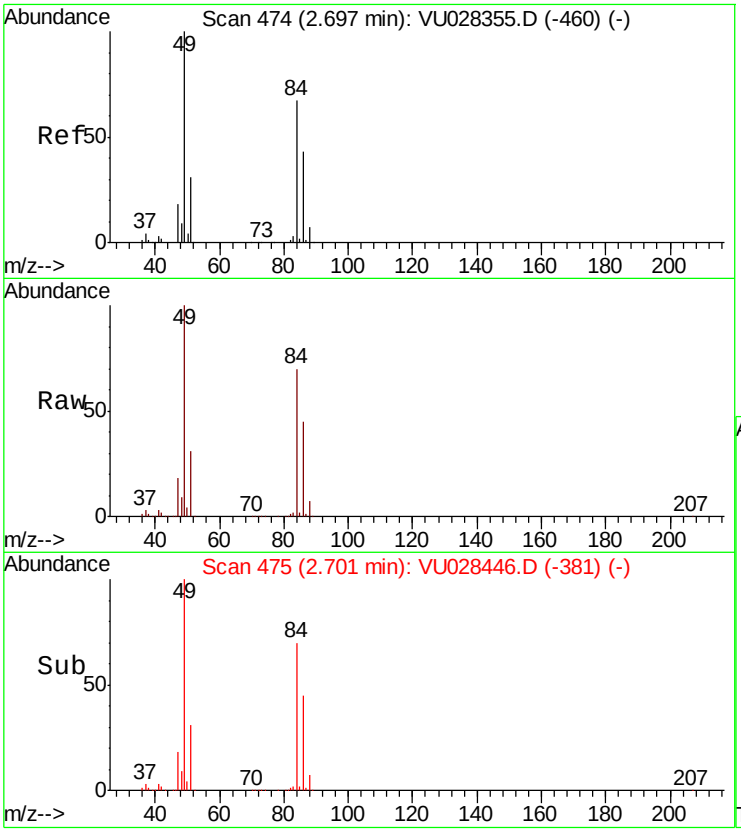


#18
Methyl Acetate
Concen: 0.355 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 43 Resp: 2878

Ion	Ratio	Lower	Upper
43	100		
74	4.2	15.3	22.9#



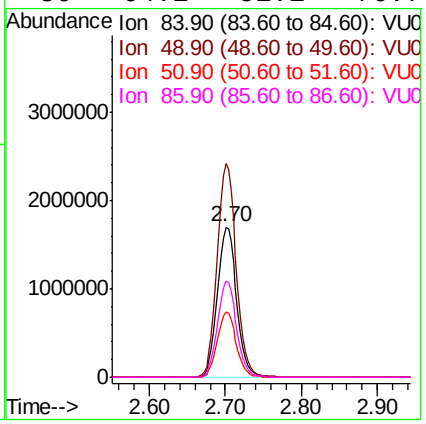


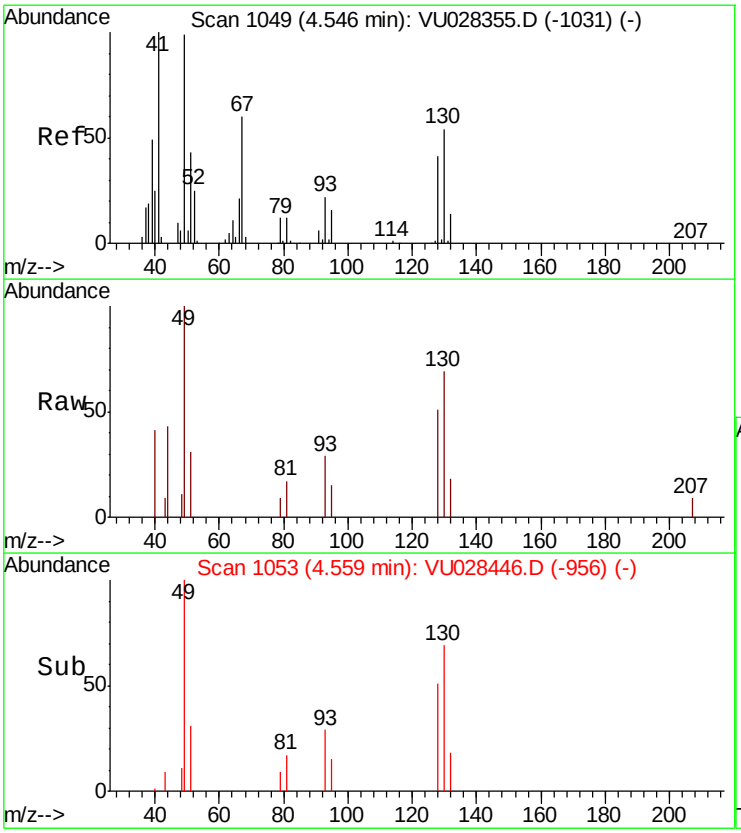
#20
Methylene Chloride
Concen: 723.590 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 84 Resp: 2971255

Ion	Ratio	Lower	Upper
84	100		
49	142.3	120.0	180.0
51	43.4	36.9	55.3
86	64.1	51.1	76.7

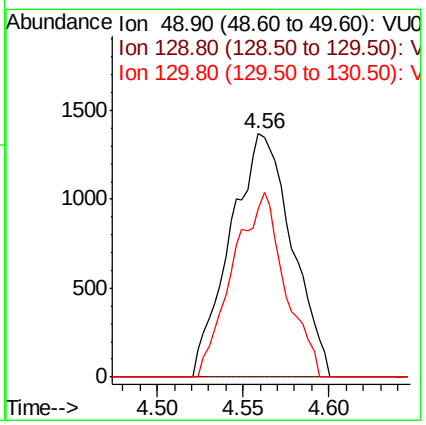


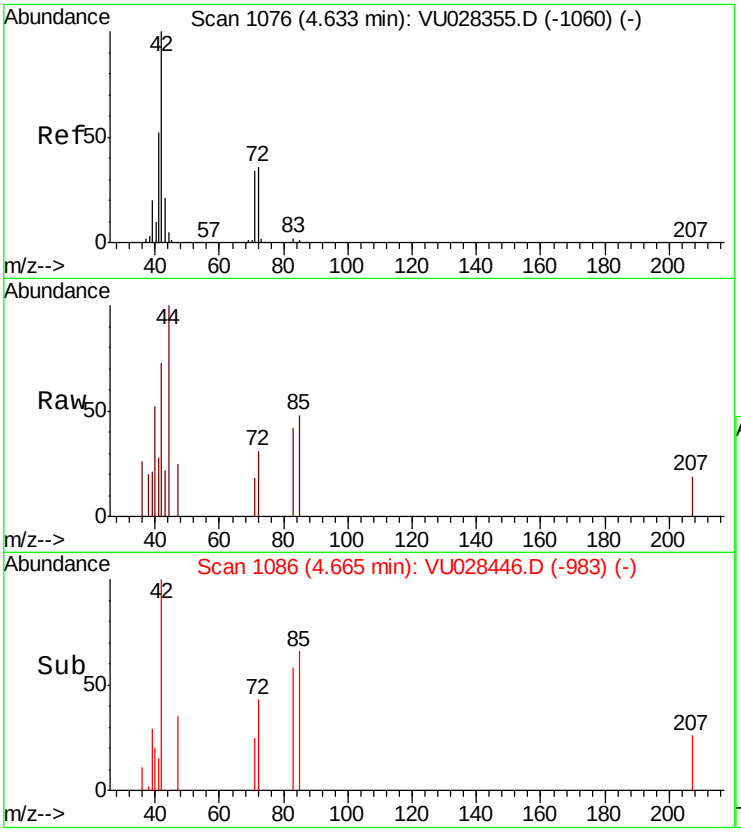


#28
Bromochloromethane
Concen: 0.884 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 49 Resp: 3415

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.6
130	64.0	44.5	66.7



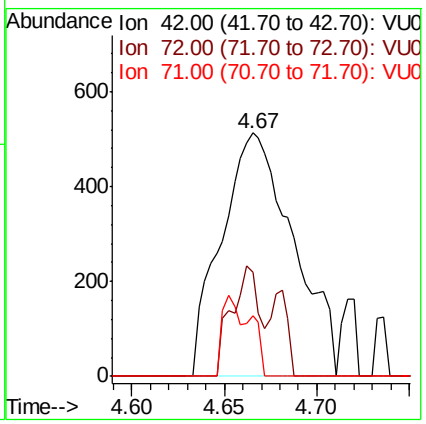


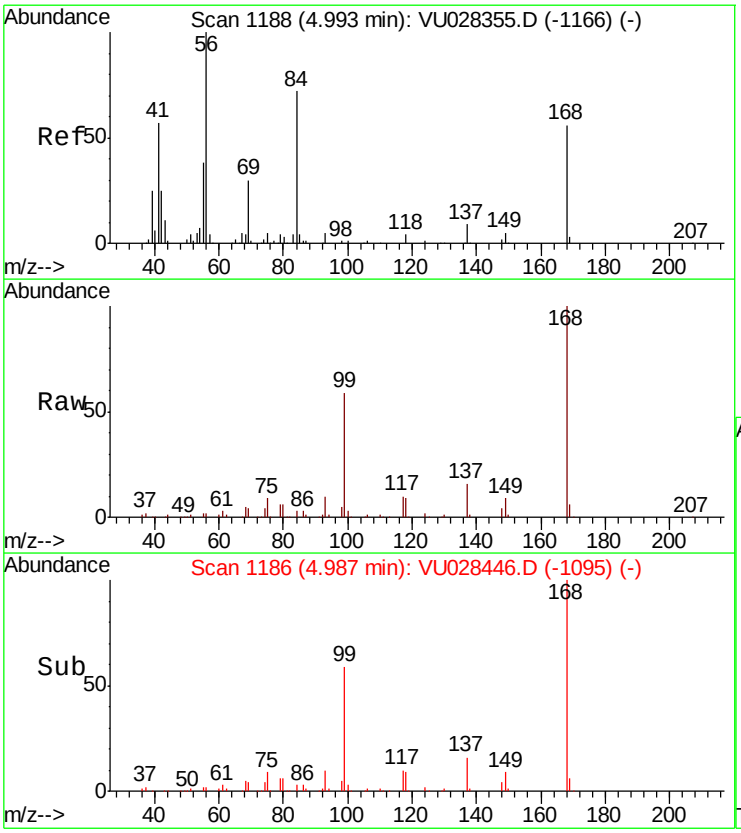
#29
Tetrahydrofuran
Concen: 0.511 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.03 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 42 Resp: 1385

Ion	Ratio	Lower	Upper
42	100		
72	17.5	29.5	44.3#
71	12.9	27.7	41.5#

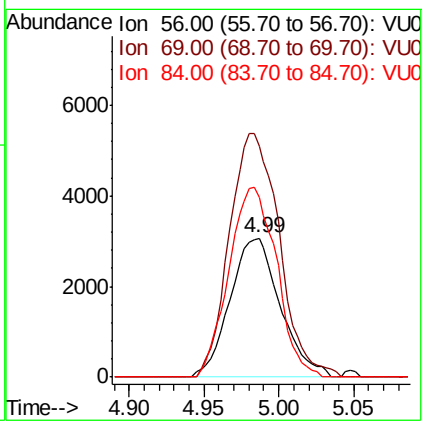


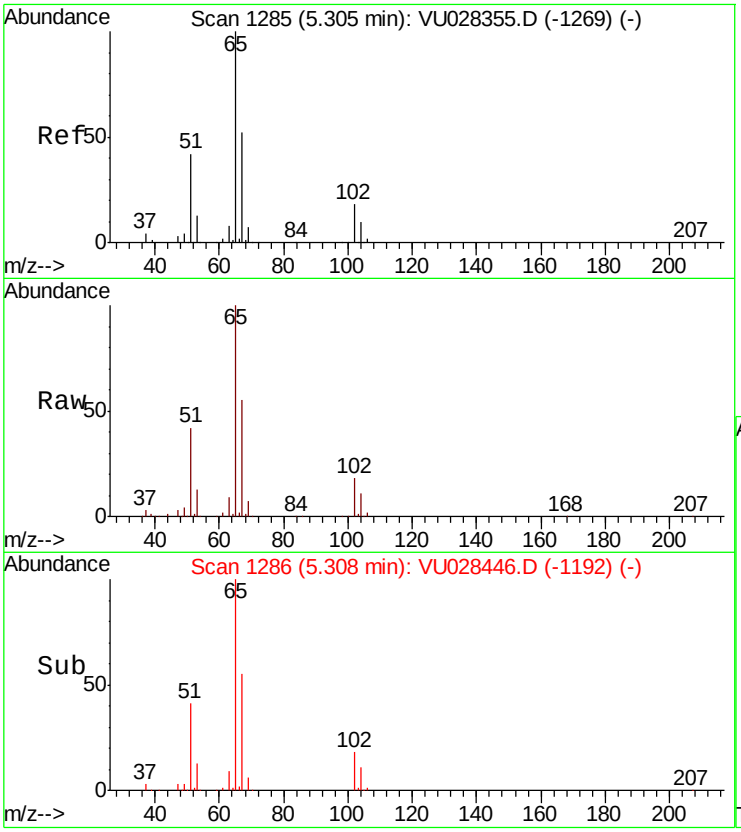


#31
Cyclohexane
Concen: 0.525 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 56 Resp: 7190

Ion	Ratio	Lower	Upper
56	100		
69	166.0	23.7	35.5#
84	129.3	57.3	85.9#



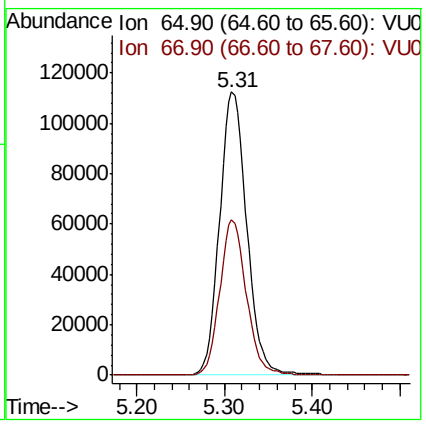


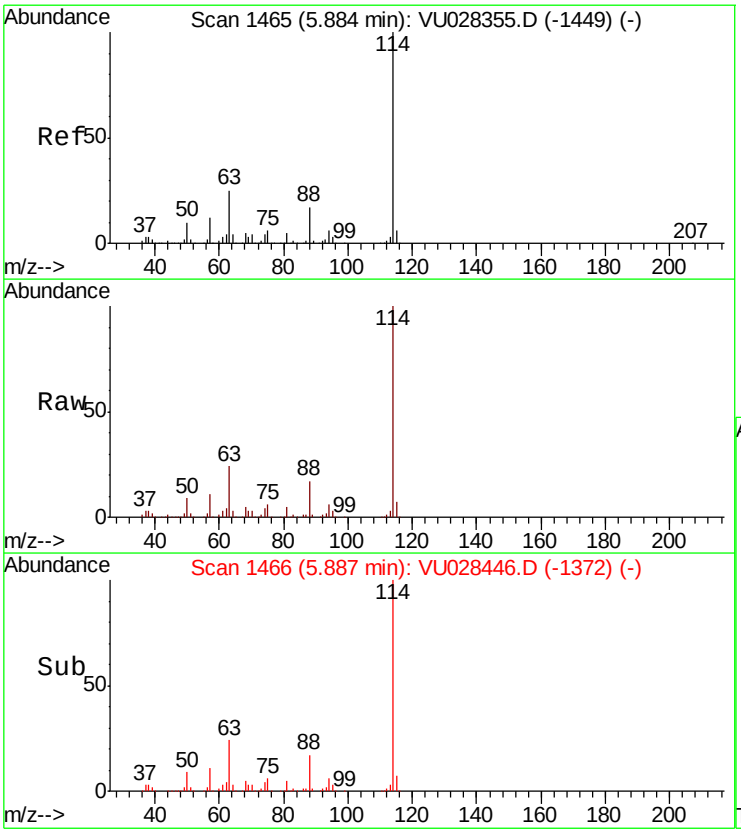
#33
1,2-Dichloroethane-d4
Concen: 50.857 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 65 Resp: 242371

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8

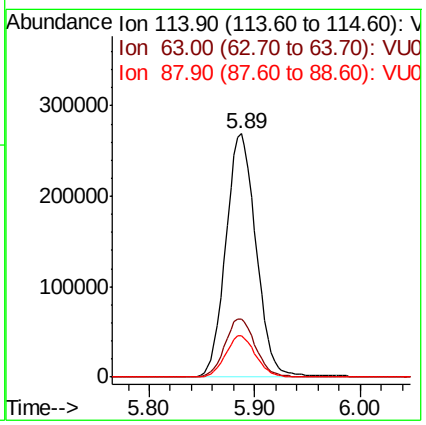


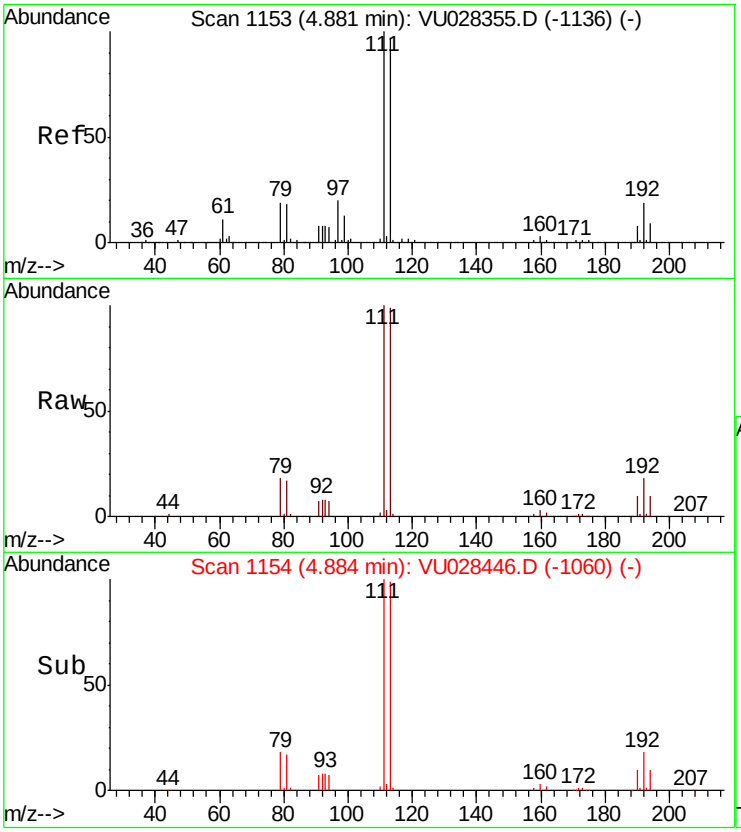


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion:114 Resp: 534574

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	50.0
88	16.8	0.0	34.4



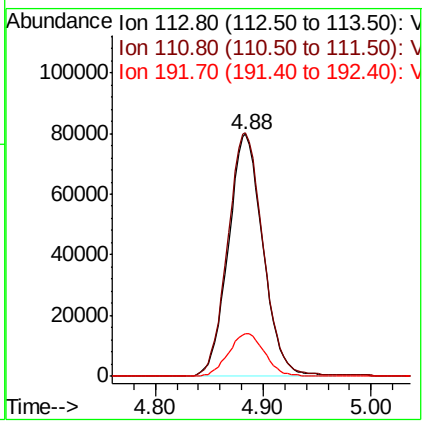


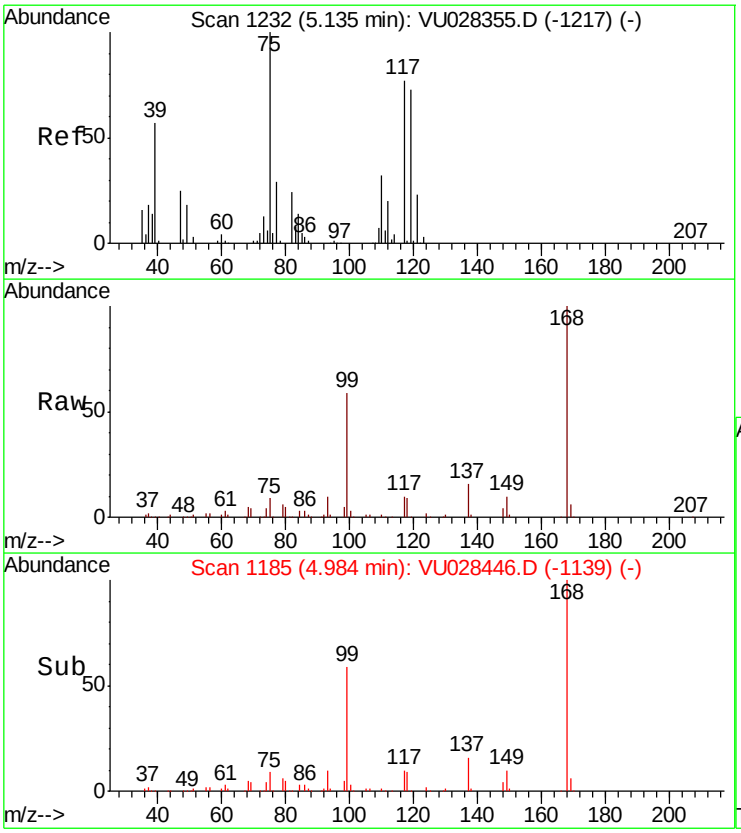
#35
Dibromofluoromethane
Concen: 50.223 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion:113 Resp: 178527

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	18.4	15.4	23.0

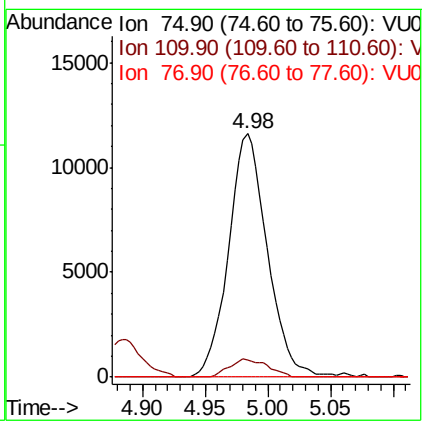


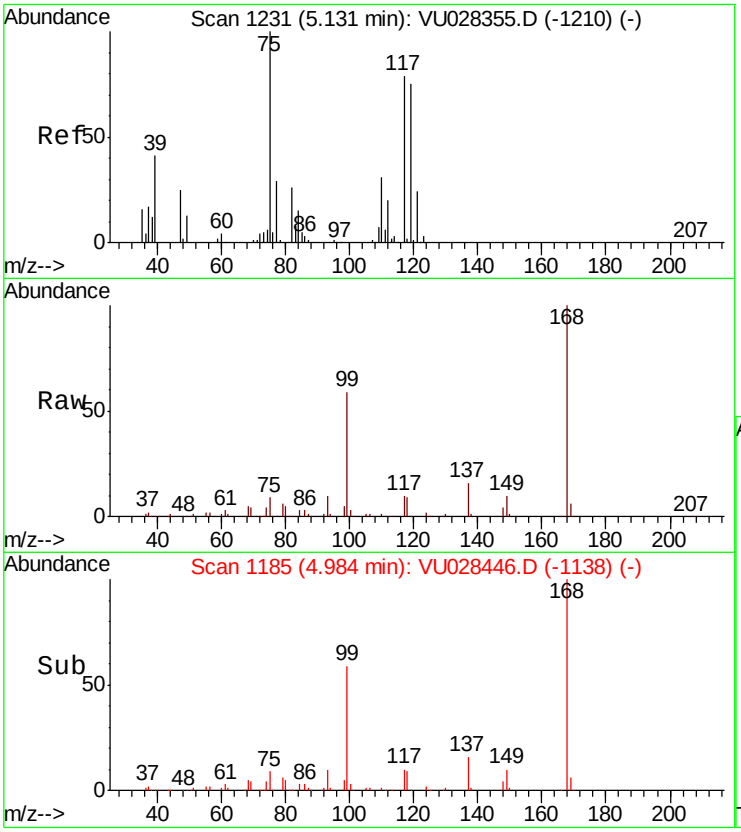


#36
1,1-Dichloropropene
Concen: 4.266 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 75 Resp: 24954

Ion	Ratio	Lower	Upper
75	100		
110	7.3	15.8	47.4#
77	0.0	24.6	36.8#



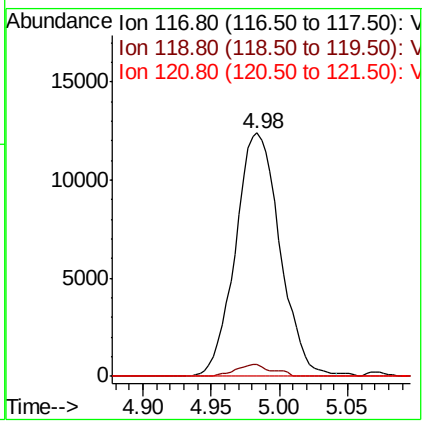


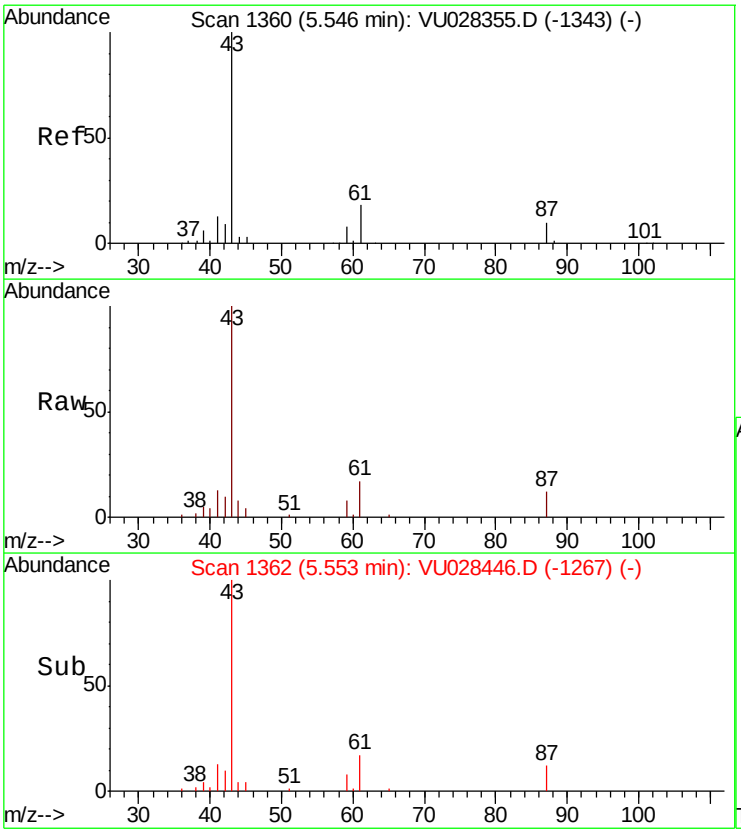
#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion:117 Resp: 28048

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

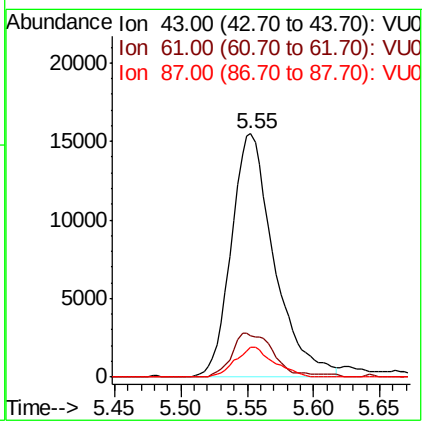


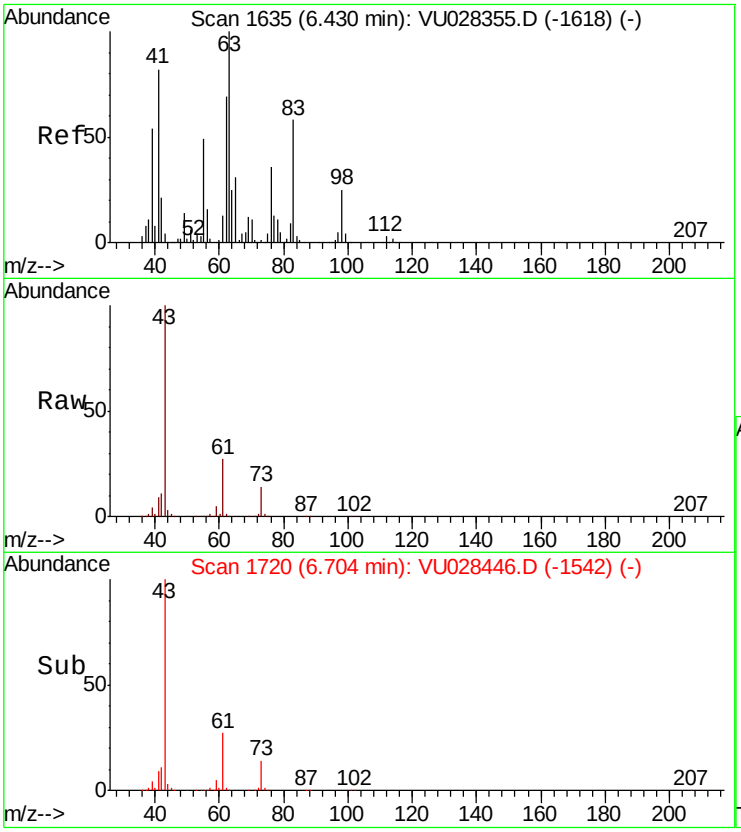


#43
Isopropyl Acetate
Concen: 2.763 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 43 Resp: 34900

Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.5	21.7
87	11.0	8.4	12.6



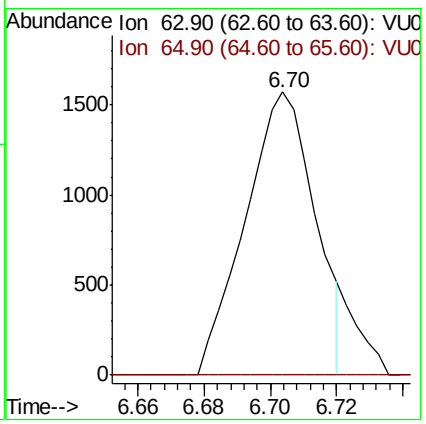


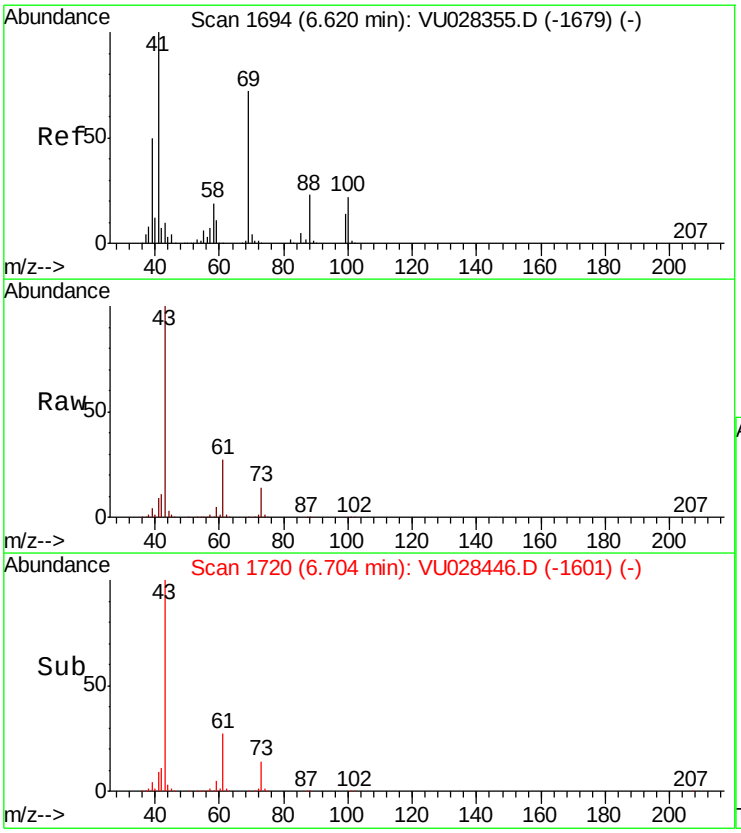
#45
1,2-Dichloropropane
Concen: 0.452 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.27 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 63 Resp: 2293

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#

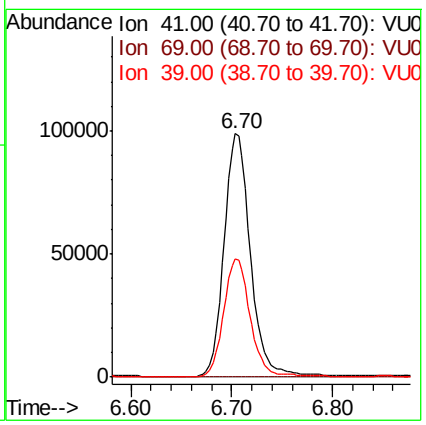


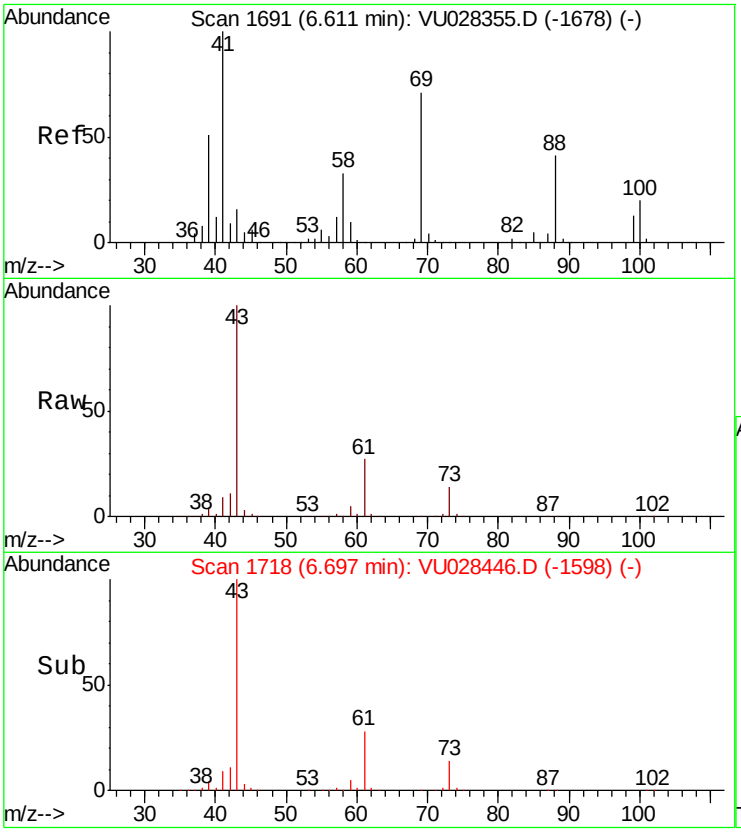


#48
Methyl methacrylate
Concen: 27.418 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.08 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 41 Resp: 180425

Ion	Ratio	Lower	Upper
41	100		
69	0.1	59.0	88.4#
39	49.2	40.5	60.7



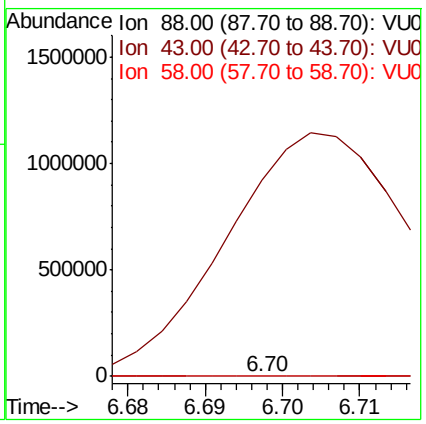


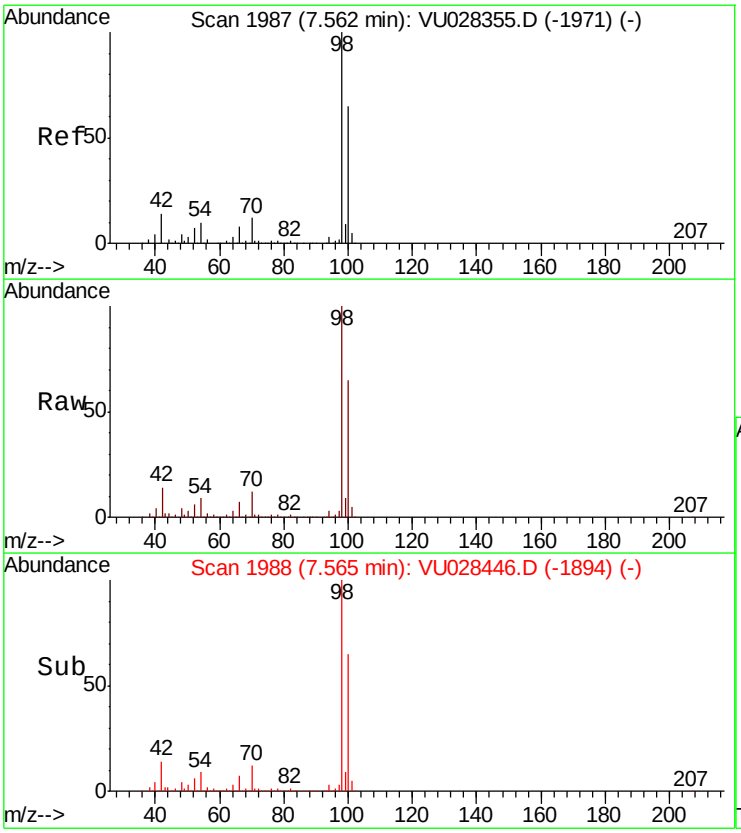
#49
1,4-Dioxane
Concen: 0.980 ug/l
RT: 6.70 min Scan# 1718
Delta R.T. 0.09 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 88 Resp: 103

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.6	48.8#
58	0.0	68.7	103.1#

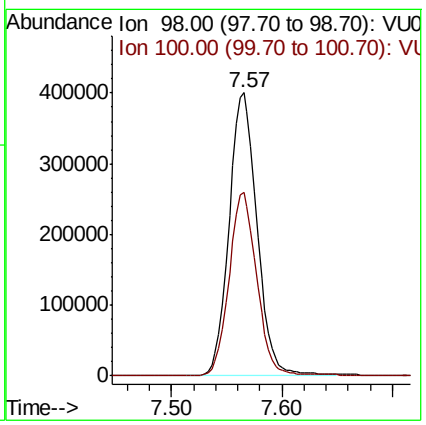


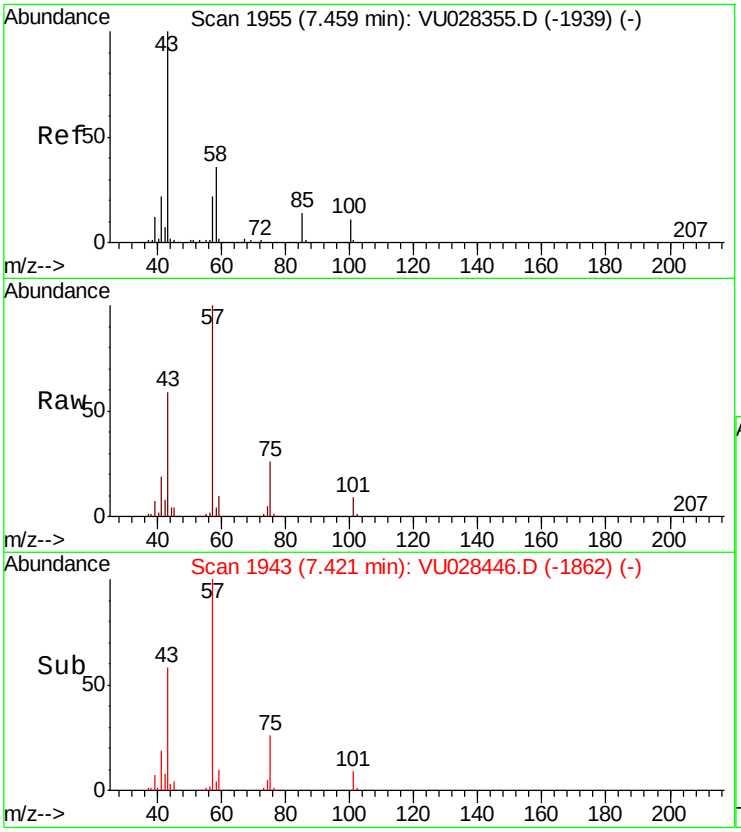


#50
Toluene-d8
Concen: 49.619 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 98 Resp: 705401

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2



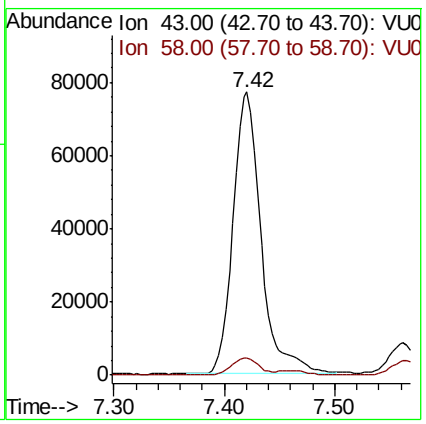


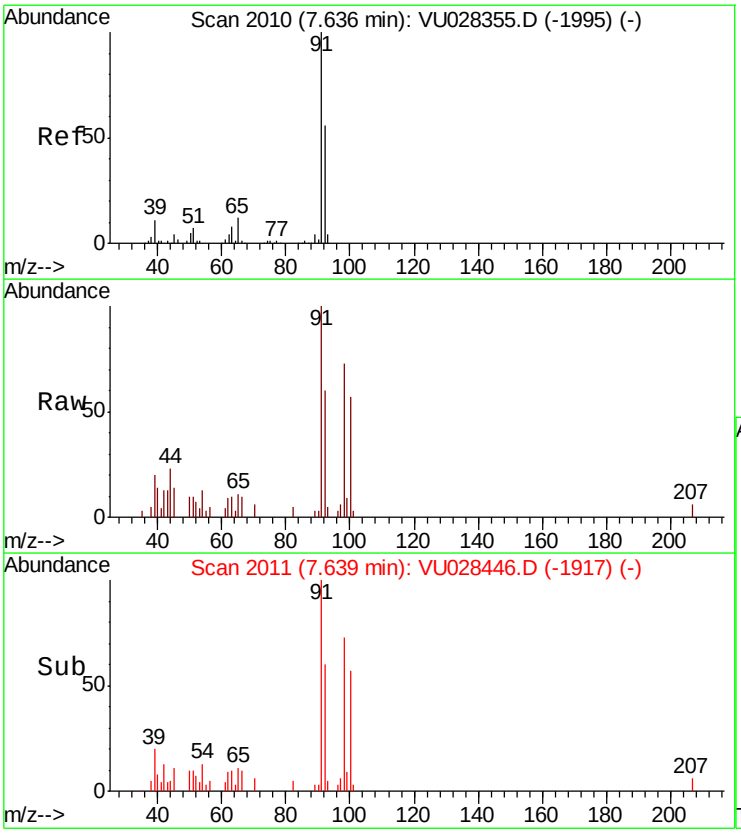
#51
4-Methyl-2-Pentanone
Concen: 16.858 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 43 Resp: 136016

Ion	Ratio	Lower	Upper
43	100		
58	5.9	28.8	43.2#

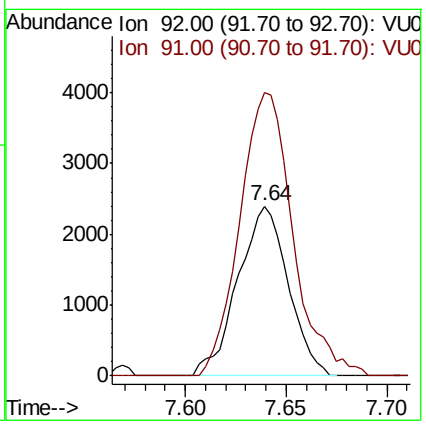


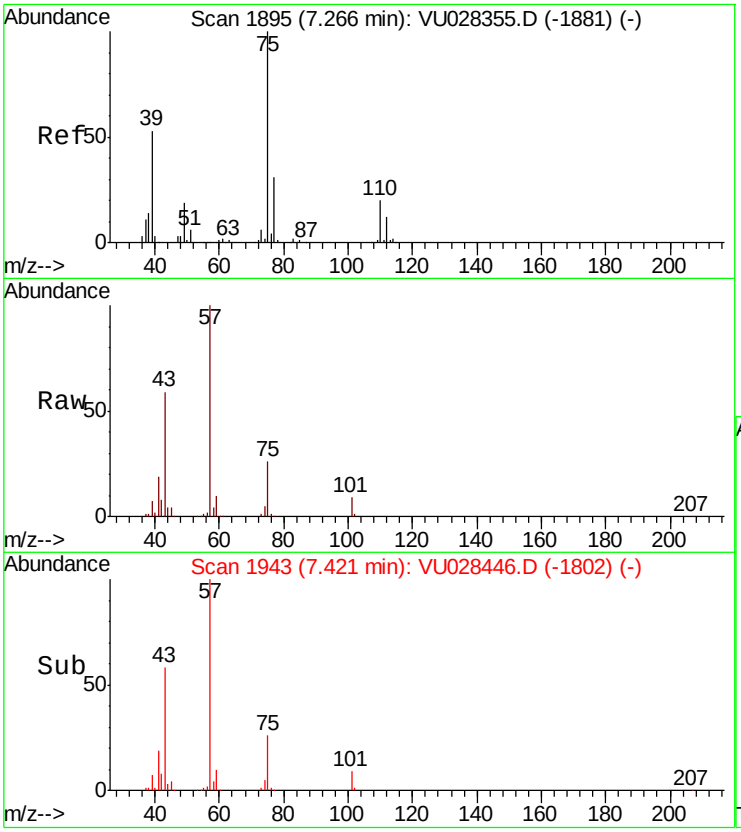


#52
Toluene
Concen: 0.419 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 92 Resp: 4184

Ion	Ratio	Lower	Upper
92	100		
91	176.8	141.8	212.6



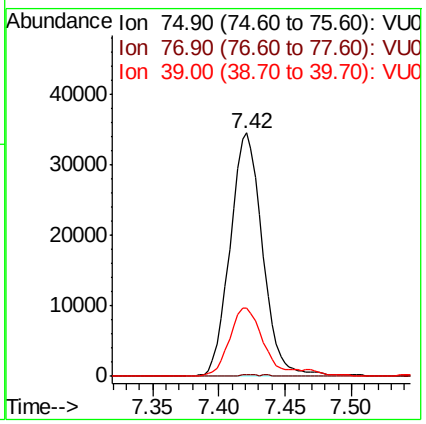


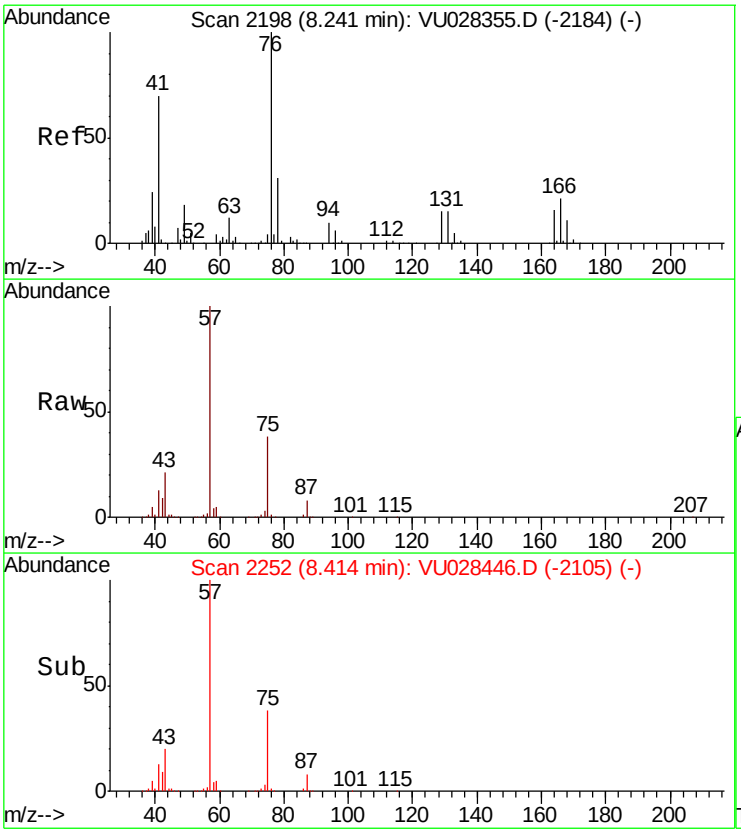
#54
cis-1,3-Dichloropropene
Concen: 7.946 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. 0.15 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 75 Resp: 59004

Ion	Ratio	Lower	Upper
75	100		
77	0.6	24.9	37.3#
39	28.0	42.6	64.0#

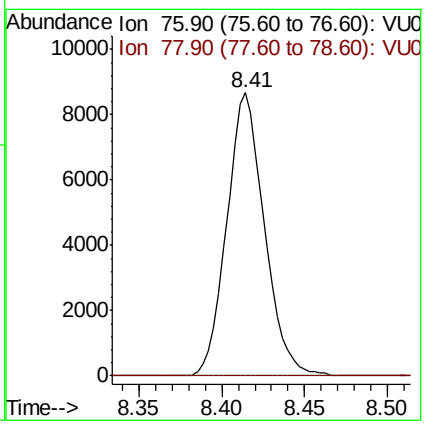


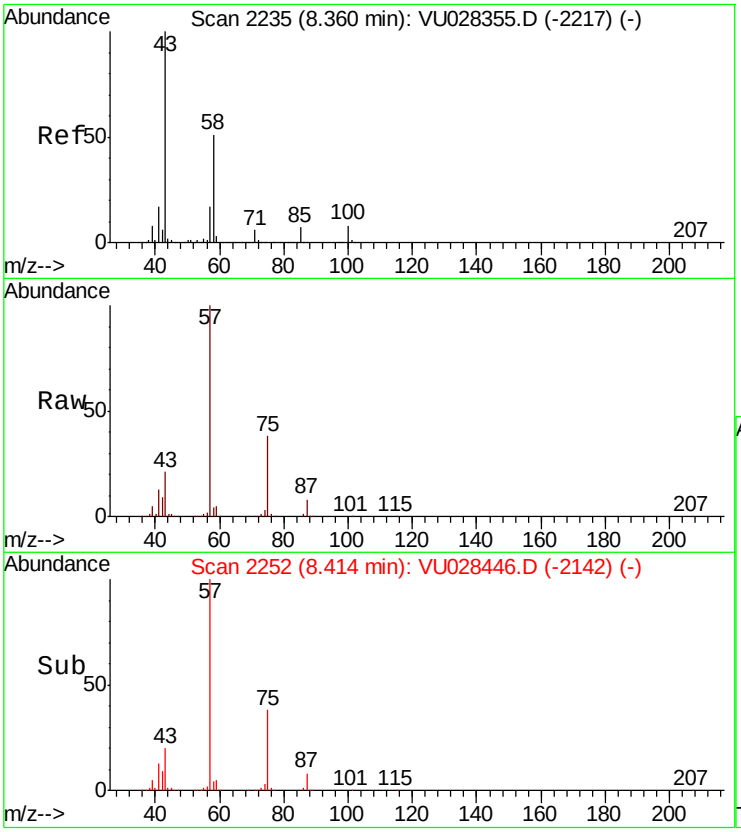


#57
1,3-Dichloropropane
Concen: 1.796 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.17 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 76 Resp: 13674

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



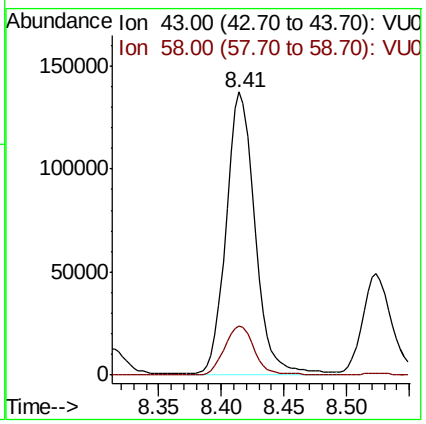


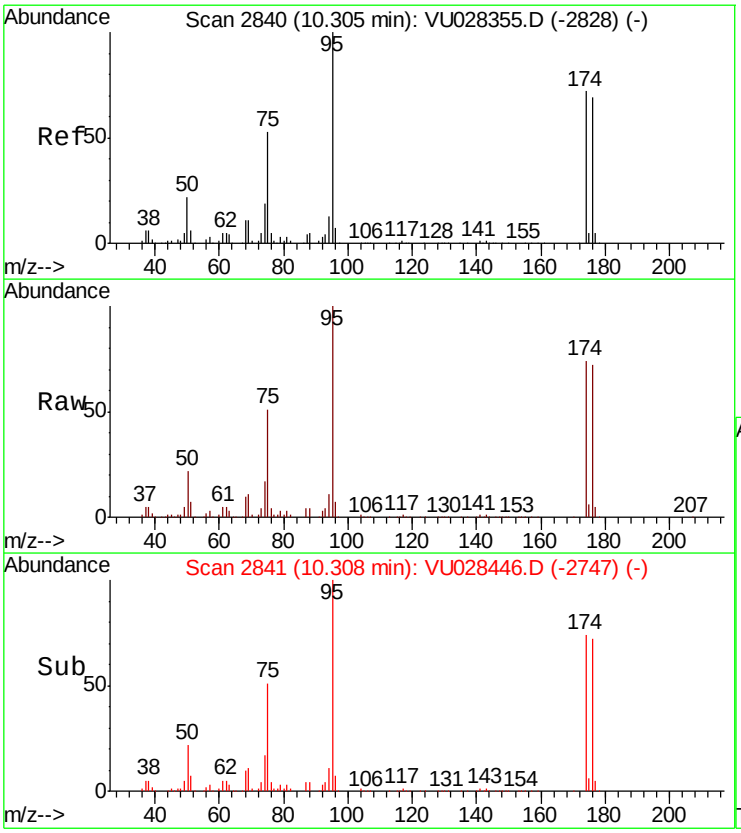
#59
2-Hexanone
Concen: 34.929 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.05 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 43 Resp: 218297

Ion	Ratio	Lower	Upper
43	100		
58	17.8	25.5	76.5#

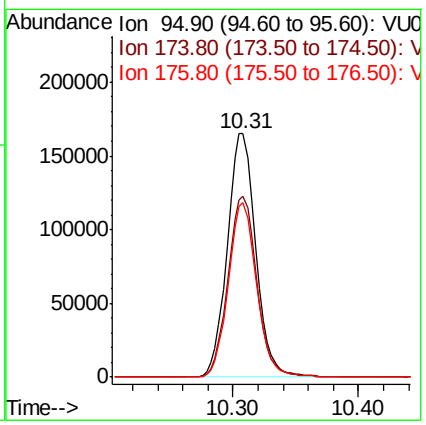


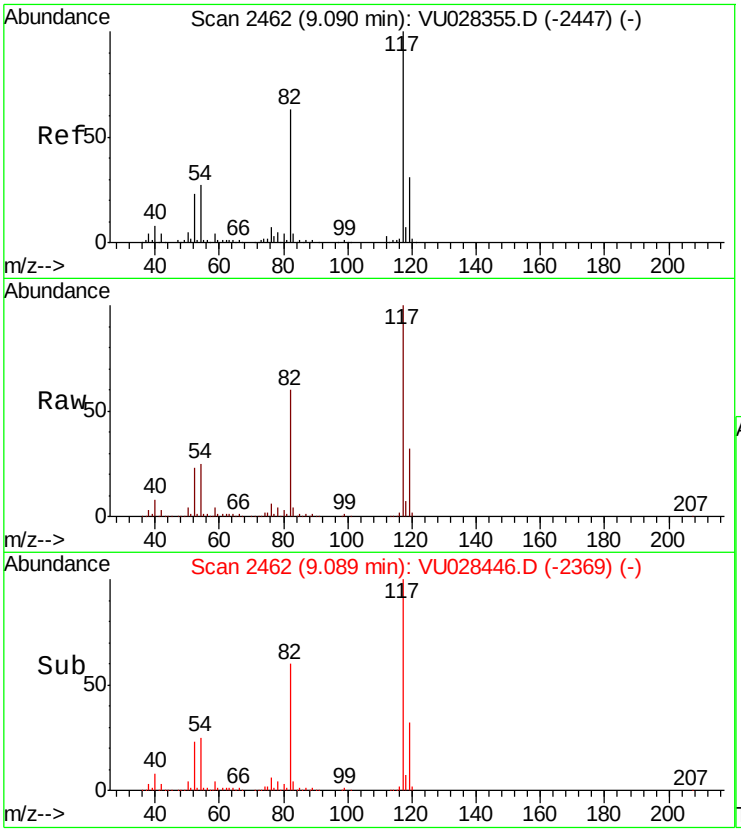


#62
4-Bromofluorobenzene
Concen: 50.718 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 95 Resp: 259878

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	145.4
176	71.4	0.0	140.8



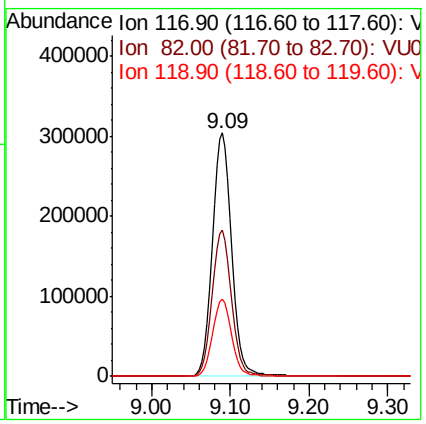


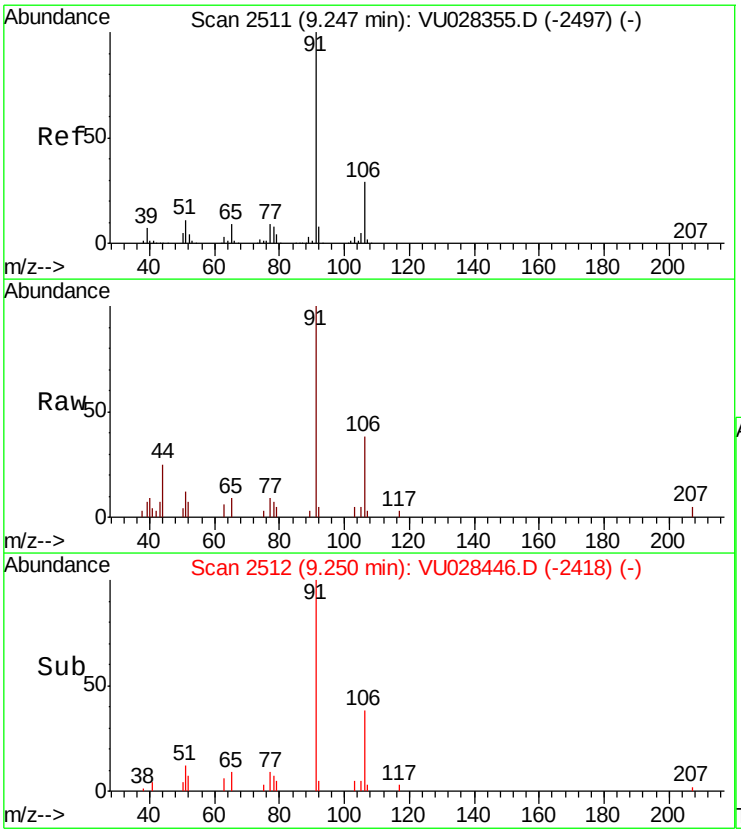
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion:117 Resp: 513140

Ion	Ratio	Lower	Upper
117	100		
82	60.0	50.3	75.5
119	31.6	24.8	37.2

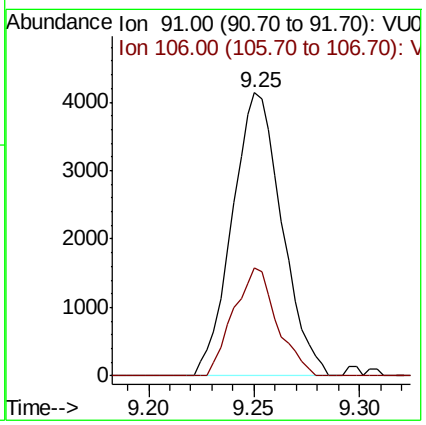


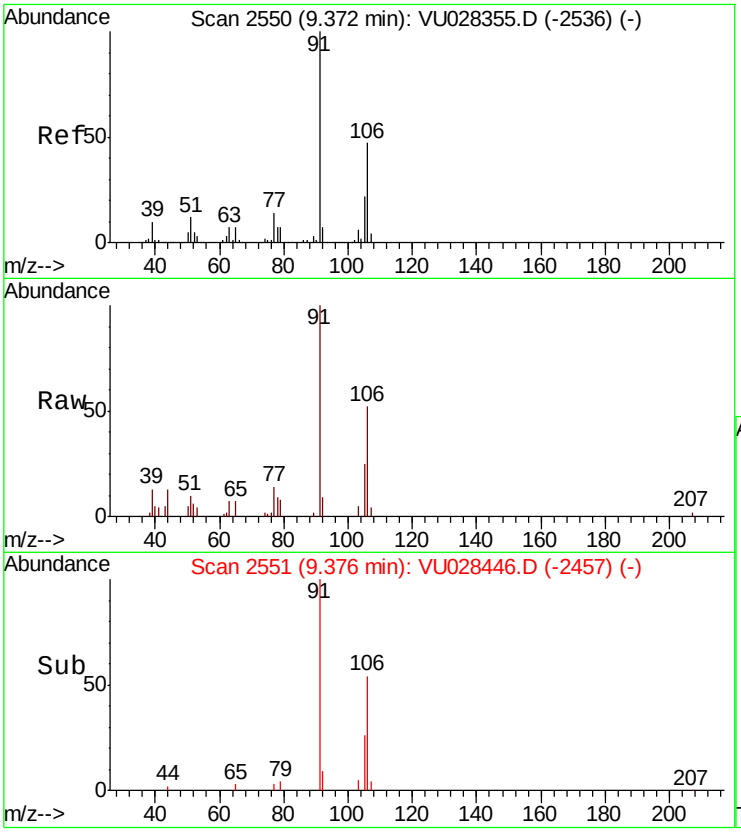


#67
Ethyl Benzene
Concen: 0.337 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 91 Resp: 6766

Ion	Ratio	Lower	Upper
91	100		
106	38.2	23.3	34.9#



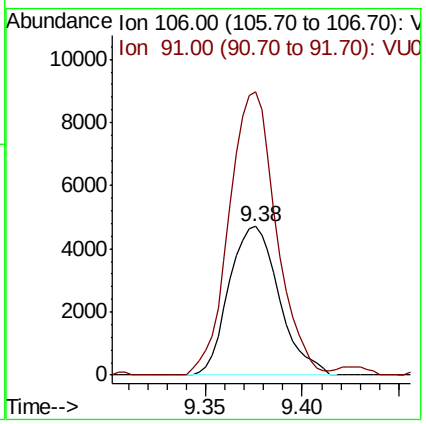


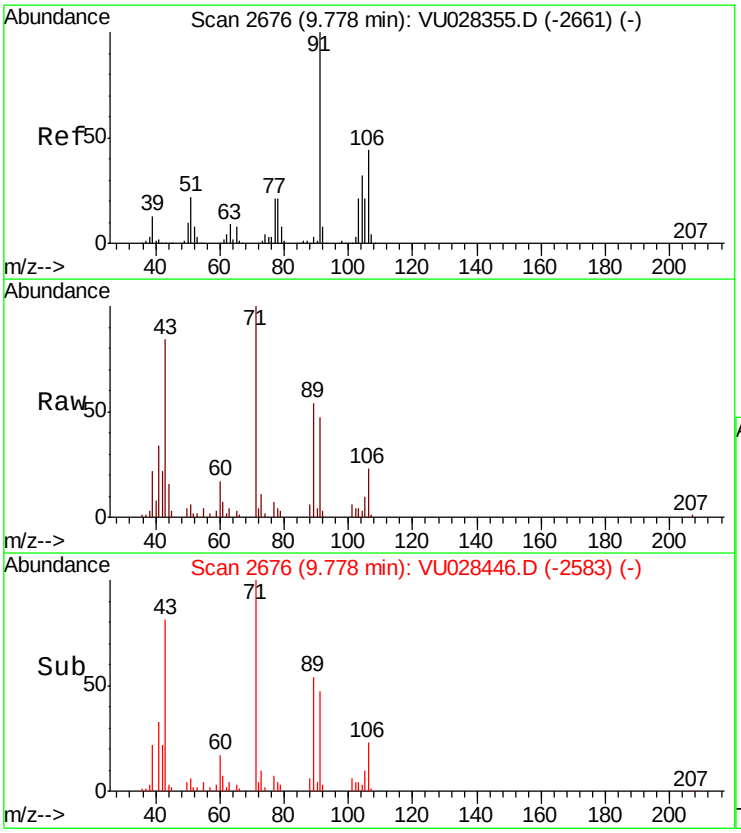
#68
m/p-Xylenes
Concen: 1.176 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion:106 Resp: 8493

Ion	Ratio	Lower	Upper
106	100		
91	179.1	171.0	256.6

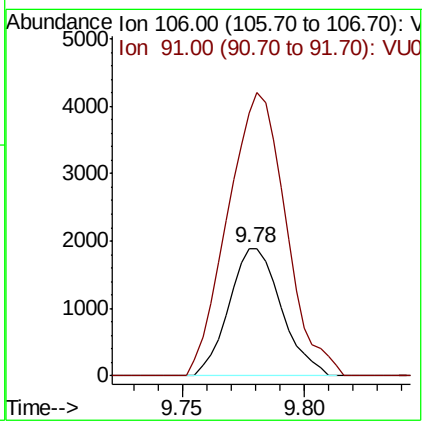


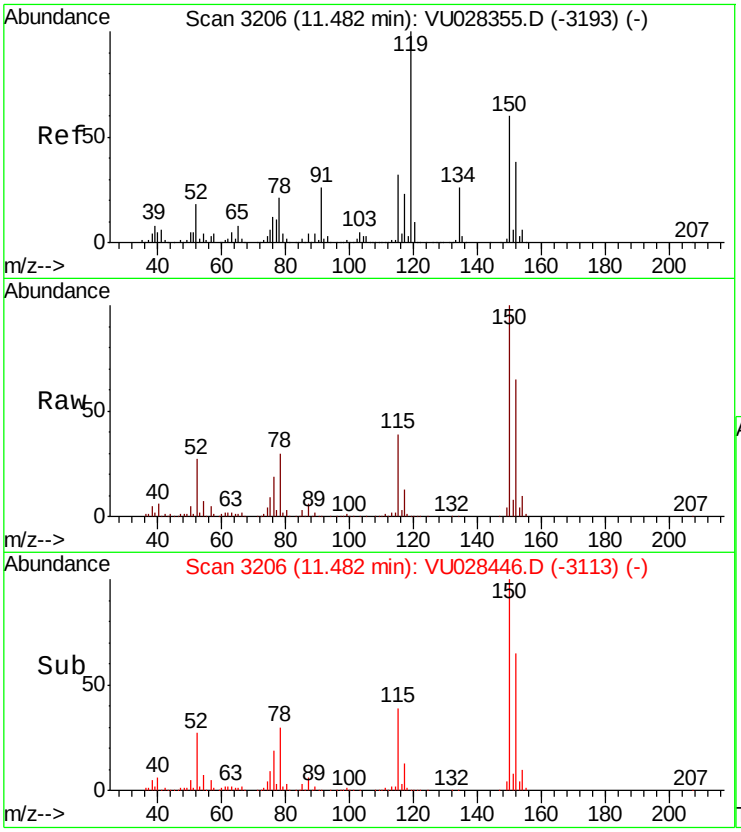


#69
o-Xylene
Concen: 0.391 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion:106 Resp: 2805

Ion	Ratio	Lower	Upper
106	100		
91	247.5	112.7	338.0



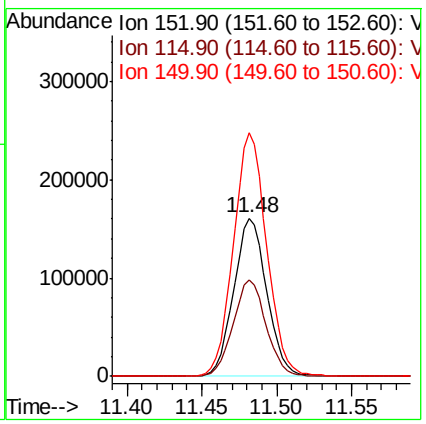


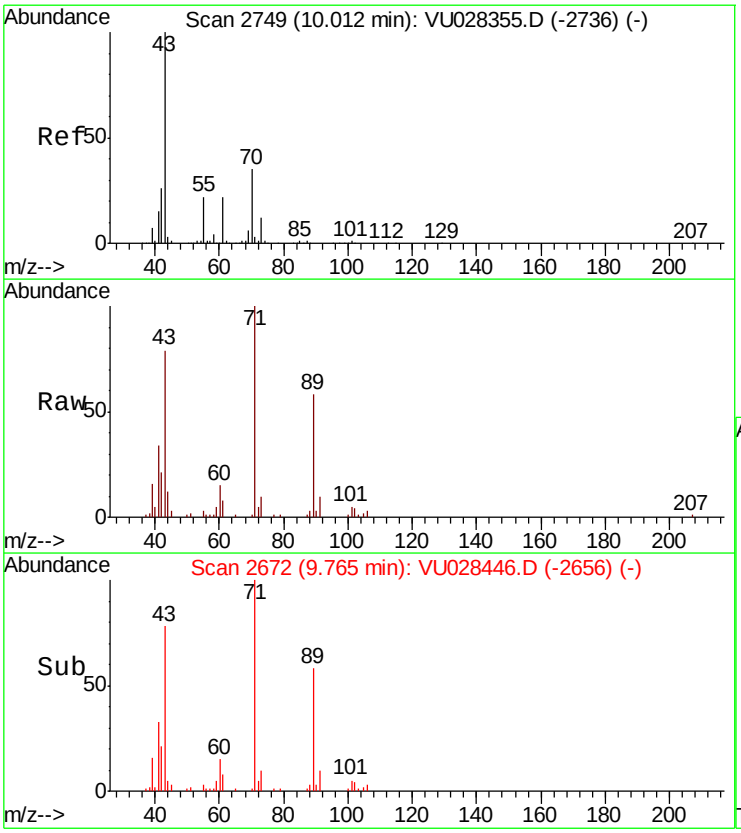
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion:152 Resp: 247351

Ion	Ratio	Lower	Upper
152	100		
115	61.0	45.0	134.8
150	155.5	0.0	349.2

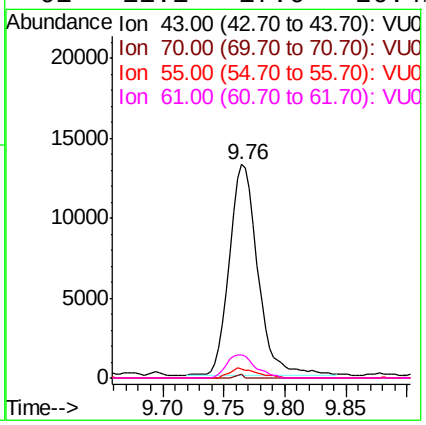


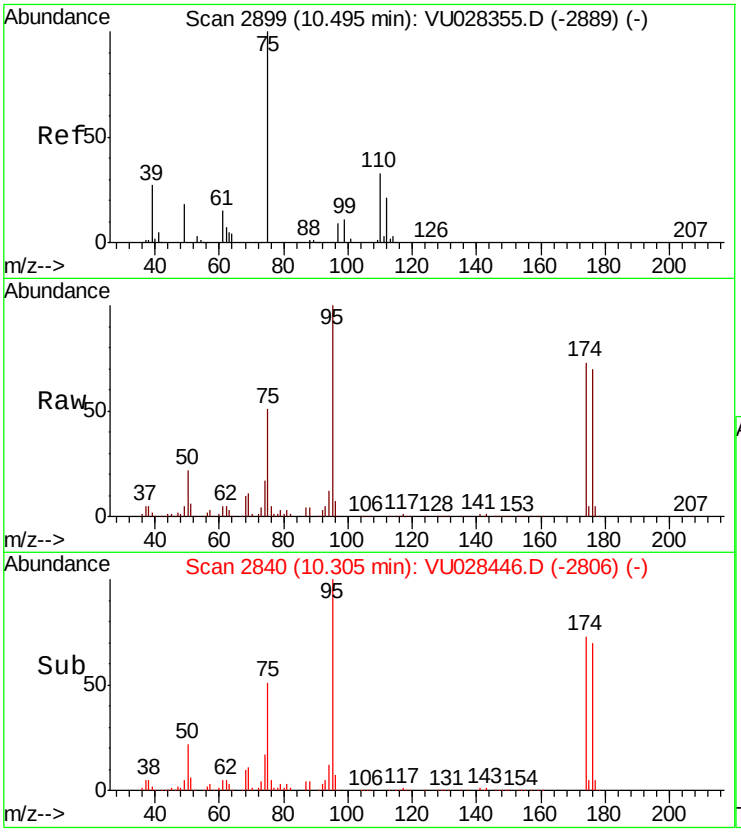


#74
N-amyl acetate
Concen: 1.769 ug/l
RT: 9.76 min Scan# 2672
Delta R.T. -0.25 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 43 Resp: 21322

Ion	Ratio	Lower	Upper
43	100		
70	0.5	28.4	42.6#
55	4.5	18.0	27.0#
61	11.1	17.6	26.4#



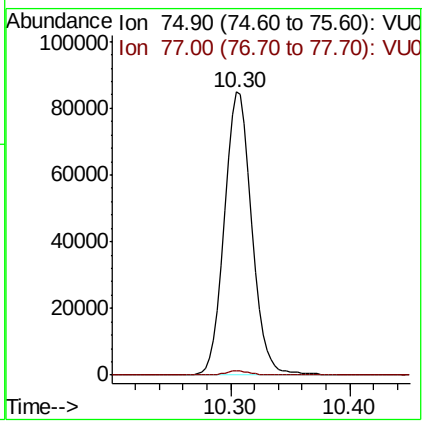


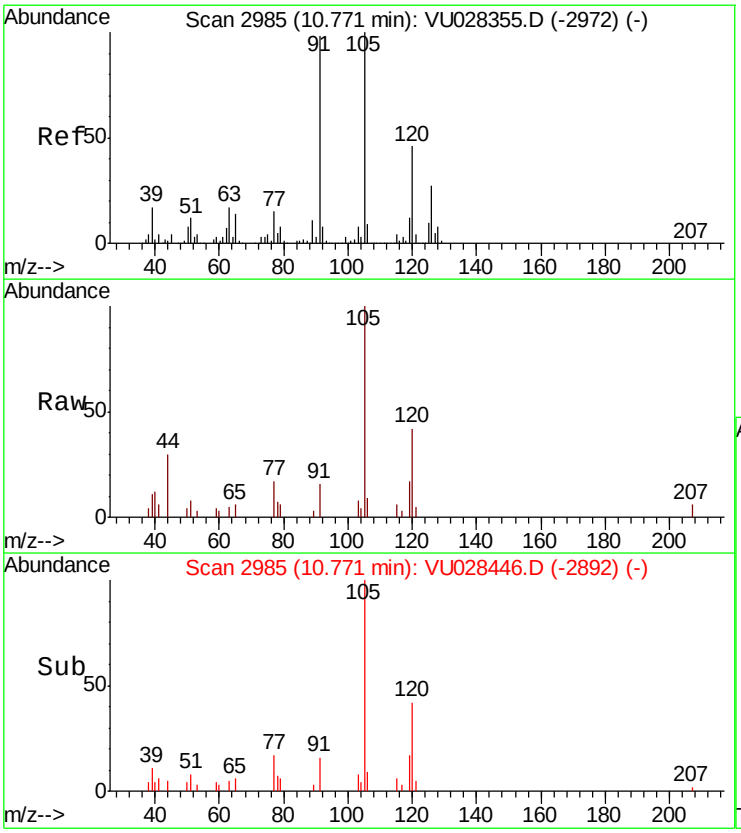
#76
1,2,3-Trichloropropane
Concen: 19.762 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 75 Resp: 135553

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.4	67.0#

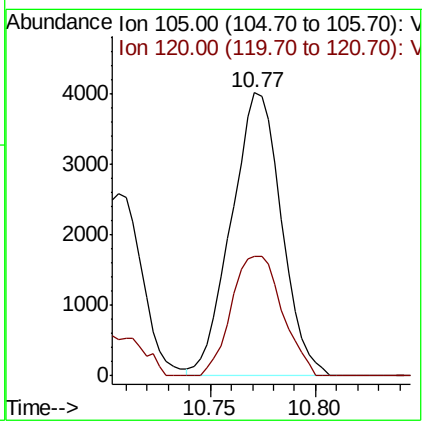


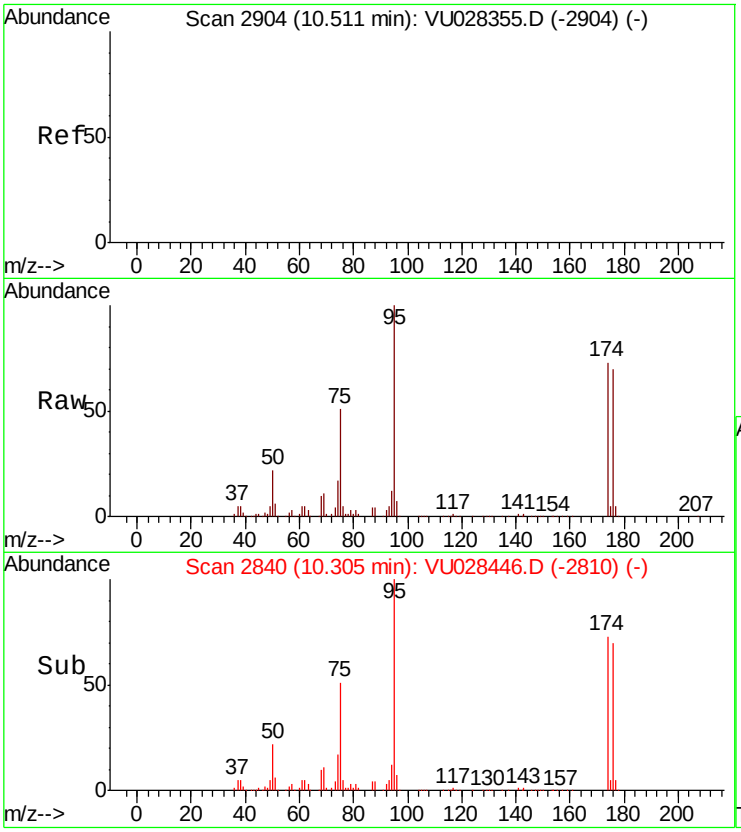


#80
1,3,5-Trimethylbenzene
Concen: 0.409 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion:105 Resp: 6633

Ion	Ratio	Lower	Upper
105	100		
120	42.8	23.4	70.0



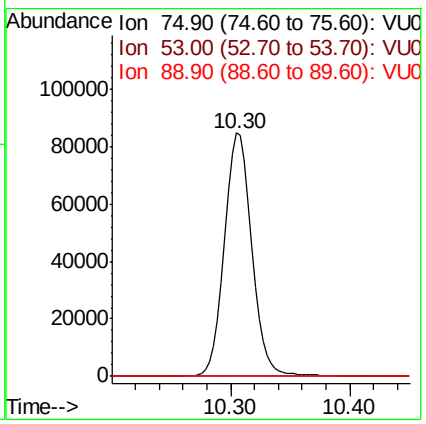


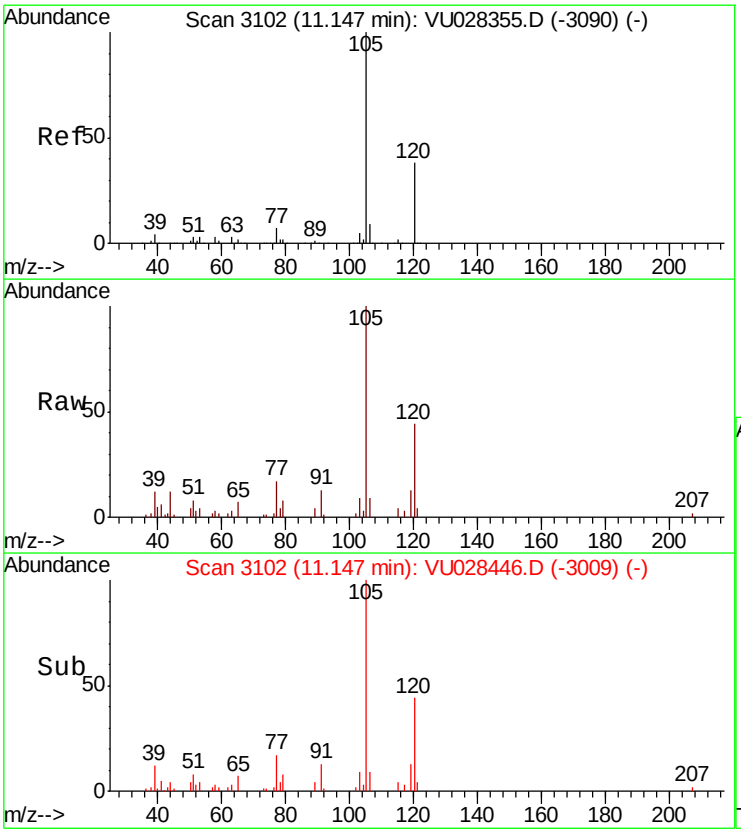
#81
trans-1,4-Dichloro-2-butene
Concen: 52.458 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.20 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion: 75 Resp: 135553

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

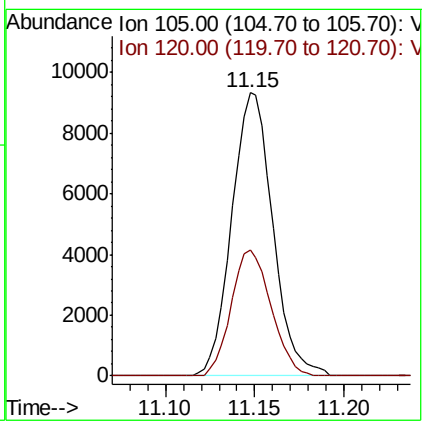


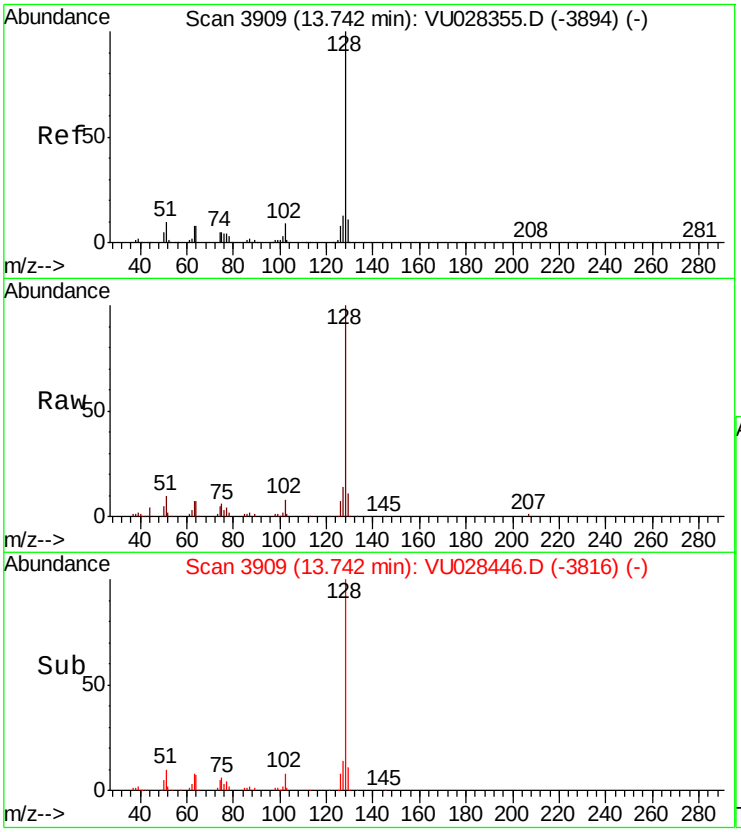


#84
1,2,4-Trimethylbenzene
Concen: 0.907 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion:105 Resp: 14899

Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.4	64.3





#95
Naphthalene
Concen: 6.183 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

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

Tgt Ion:128 Resp: 73879

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.2	8.6	12.8