Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
Data File : VU028073.D
Acq On : 12 Nov 2018 18:34
Operator : MD/SY
Sample : J5269-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SB-14

Quant Time: Nov 13 02:47:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	172932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	325889	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	297100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	117049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	151660	58.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.98%			
35) Dibromofluoromethane	4.88	113	106559	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.72%			
50) Toluene-d8	7.57	98	432722	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.04%			
62) 4-Bromofluorobenzene	10.31	95	139931	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.60%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	1448	2.127	ug/l #	83
13) Acrolein	2.19	56	205	Below Cal	#	30
14) Allyl chloride	2.70	41	5294	1.195	ug/l #	28
16) Acetone	2.32	43	19186	12.027	ug/l	100
18) Methyl Acetate	2.62	43	3470	0.791	ug/l #	84
20) Methylene Chloride	2.70	84	84124	36.119	ug/l	95
25) 2-Butanone	4.29	43	2480	0.977	ug/l #	84
29) Tetrahydrofuran	4.65	42	810	0.478	ug/l #	39
31) Cyclohexane	4.98	56	4079	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	16078	4.711	ug/l #	49
38) Carbon Tetrachloride	4.98	117	17392	5.750	ug/l #	16
43) Isopropyl Acetate	5.55	43	32842	4.192	ug/l	98
45) 1,2-Dichloropropane	6.71	63	1211	0.402	ug/l #	44
48) Methyl methacrylate	6.71	41	91235	23.762	ug/l #	46
49) 1,4-Dioxane	6.71	88	66	1.054	ug/l #	1
51) 4-Methyl-2-Pentanone	7.42	43	79065	15.110	ug/l #	47
54) cis-1,3-Dichloropropene	7.42	75	32980	8.025	ug/l #	58
57) 1,3-Dichloropropane	8.41	76	6540	1.438	ug/l #	43
59) 2-Hexanone	8.31	43	13627	3.367	ug/l #	26
60) Dibromochloromethane	8.22	129	650	0.275	ug/l #	10
64) Tetrachloroethene	8.23	164	1458	0.757	ug/l #	68
76) 1,2,3-Trichloropropane	10.31	75	73209	22.866	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.77	105	2725	0.363	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	73209	57.055	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	7517	0.994	ug/l	99
95) Naphthalene	13.75	128	25665	2.501	ug/l	99

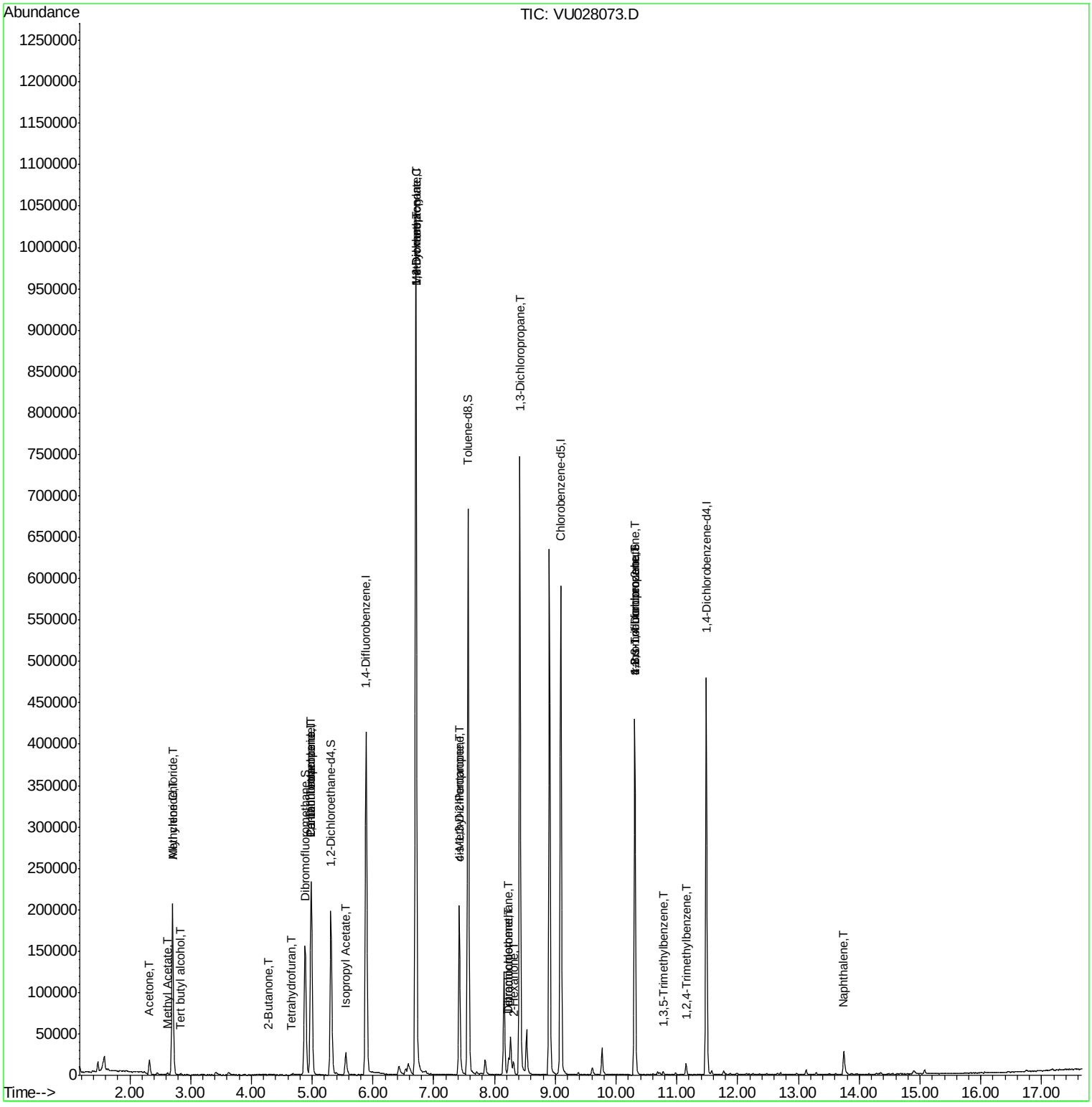
(#) = qualifier out of range (m) = manual integration (+) = signals summed

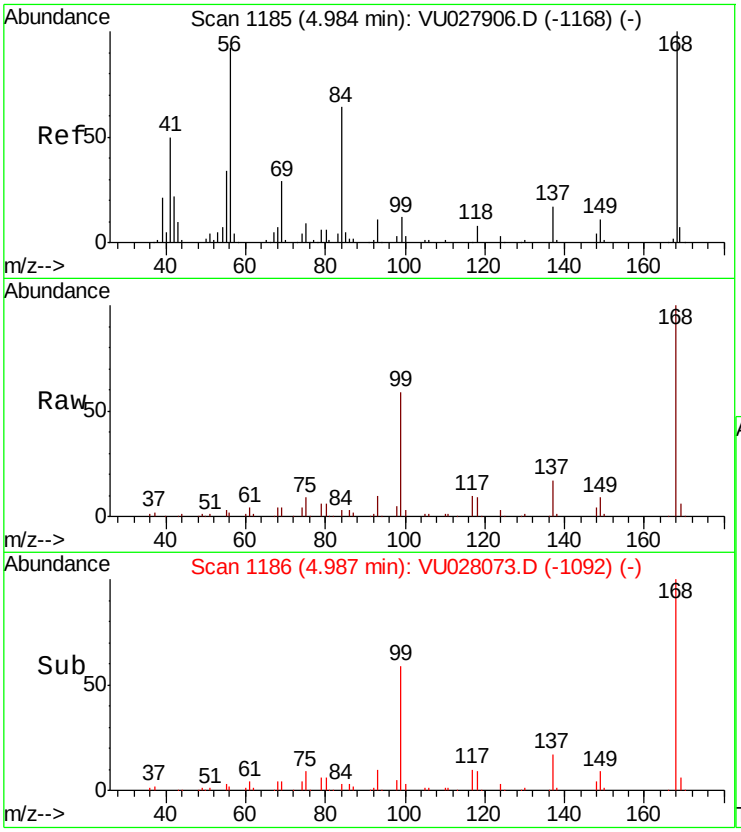
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
Data File : VU028073.D
Acq On : 12 Nov 2018 18:34
Operator : MD/SY
Sample : J5269-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SB-14

Quant Time: Nov 13 02:47:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration



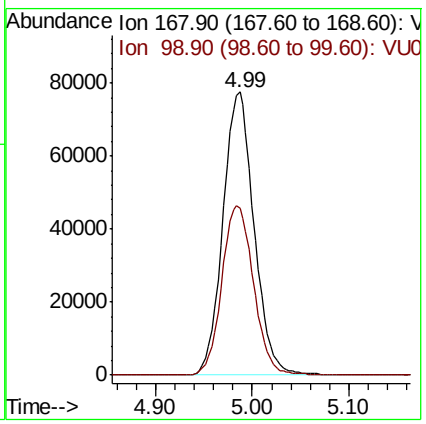


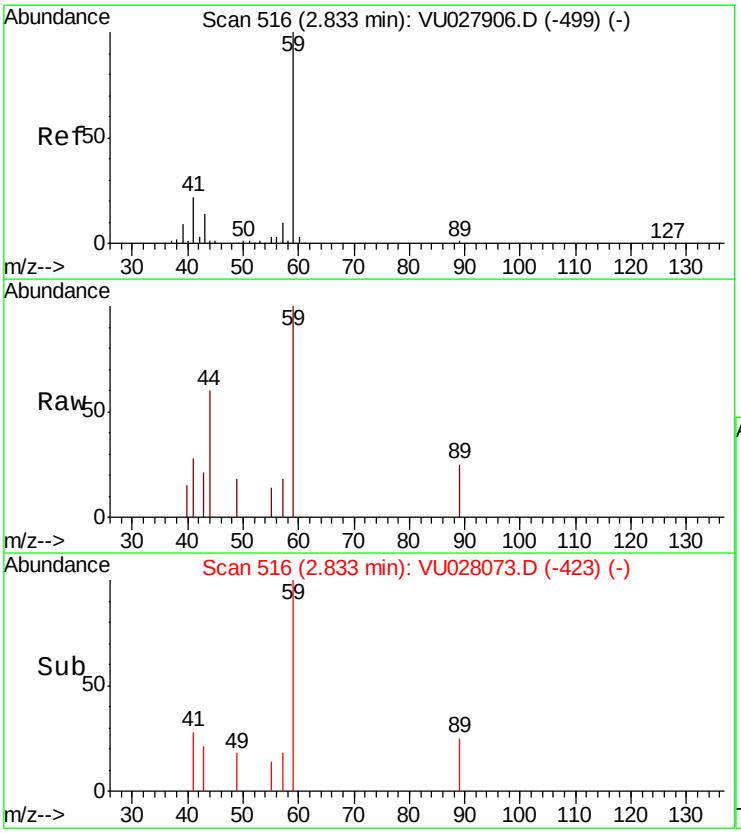
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
SB-14

Tgt Ion:168 Resp: 172932

Ion	Ratio	Lower	Upper
168	100		
99	58.8	47.9	71.9

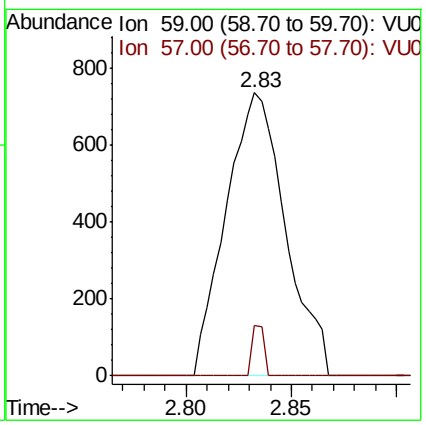


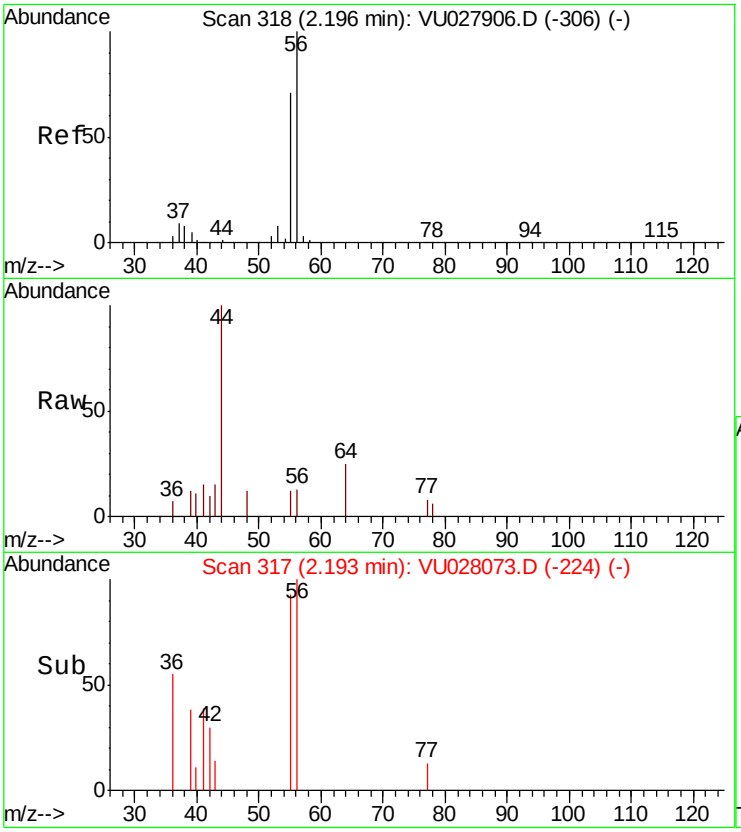


#11
Tert butyl alcohol
Concen: 2.127 ug/l
RT: 2.83 min Scan# 516
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 59 Resp: 1448

Ion	Ratio	Lower	Upper
59	100		
57	3.5	7.8	11.8#



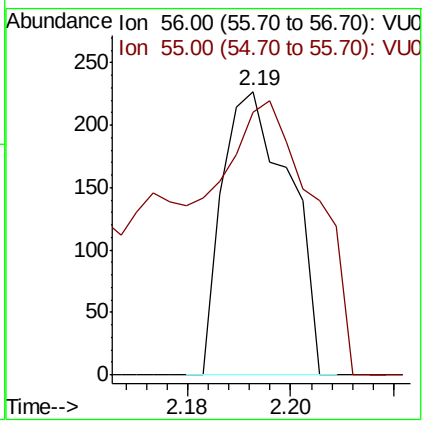


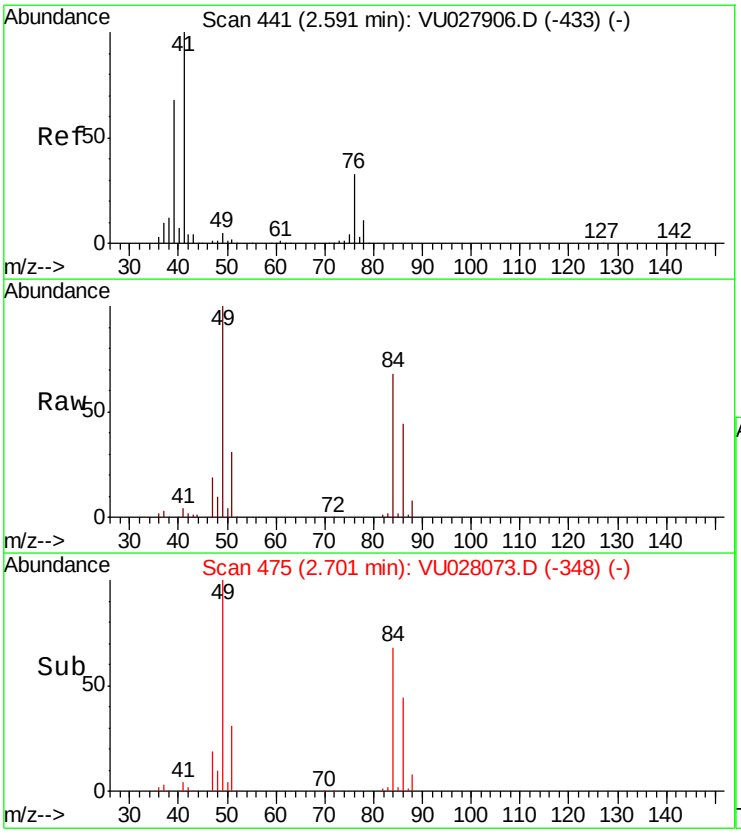
#13
Acrolein
Concen: Below Cal
RT: 2.19 min Scan# 317
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
SB-14

Tgt Ion: 56 Resp: 205

Ion	Ratio	Lower	Upper
56	100		
55	127.8	56.2	84.4#

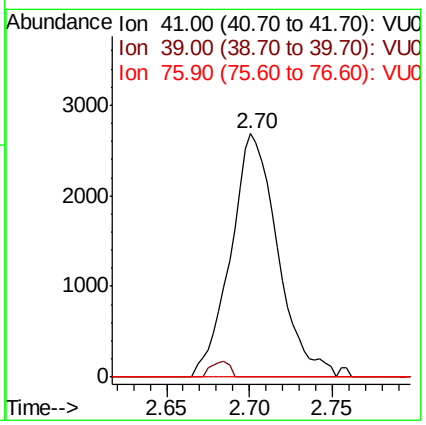


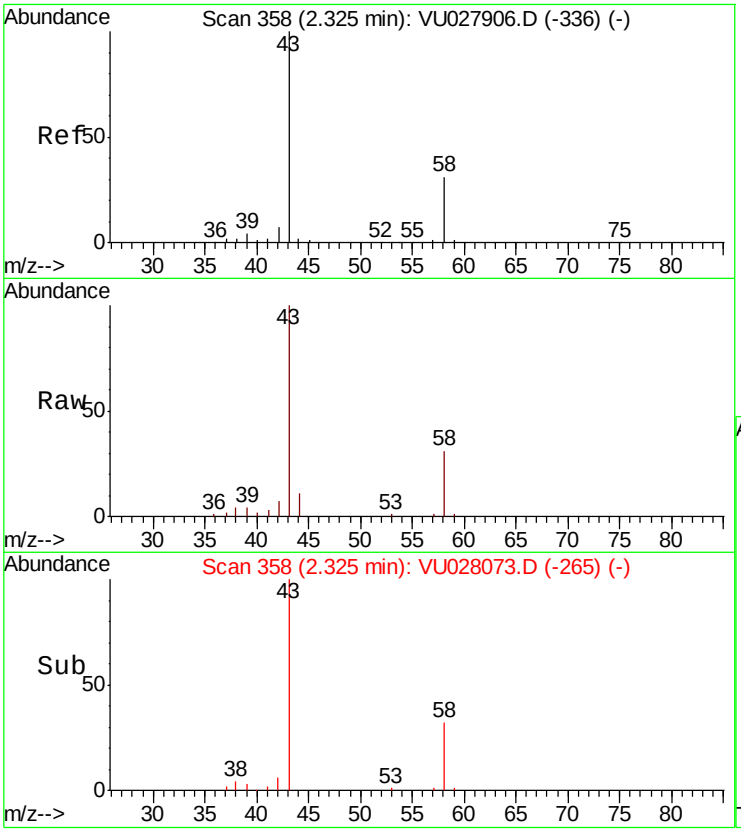


#14
Allyl chloride
Concen: 1.195 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.11 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 41 Resp: 5294

Ion	Ratio	Lower	Upper
41	100		
39	2.6	51.9	77.9#
76	0.0	23.8	35.6#



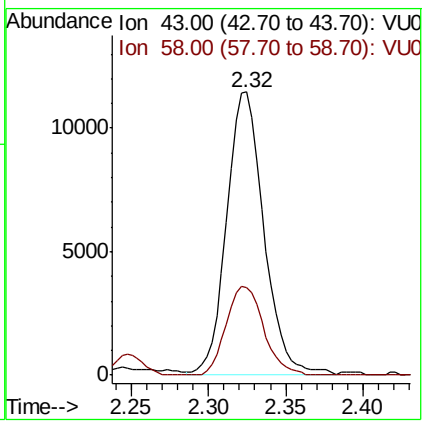


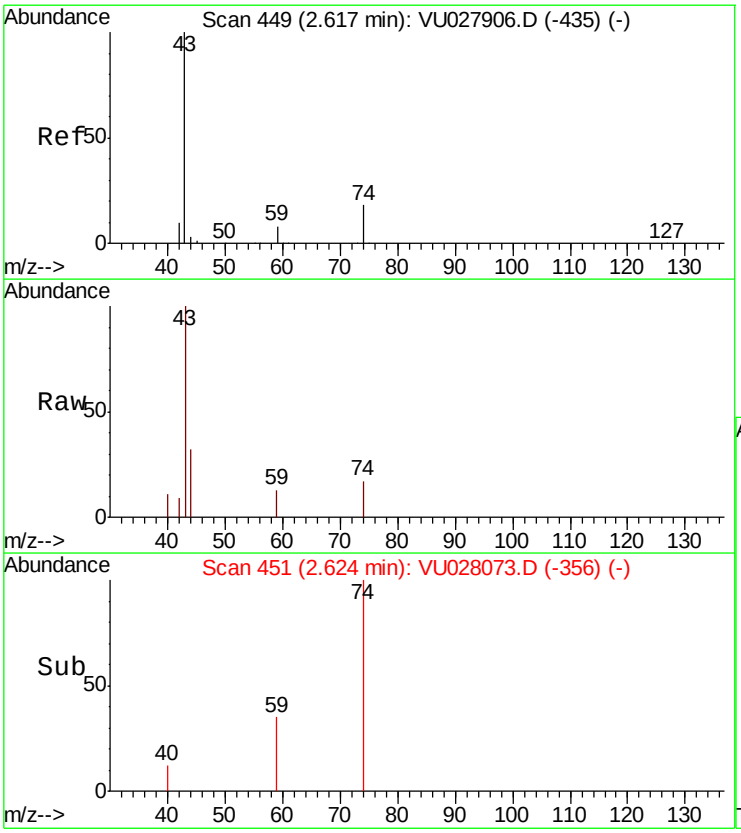
#16
Acetone
Concen: 12.027 ug/l
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
SB-14

Tgt Ion: 43 Resp: 19186

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.6	37.0

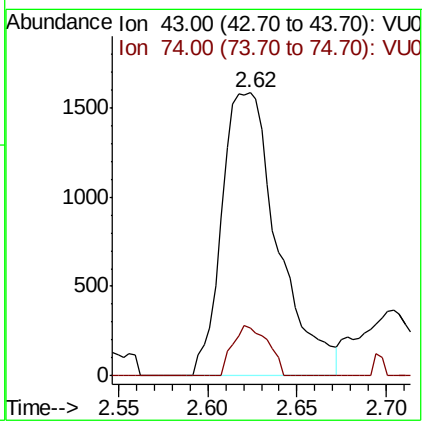


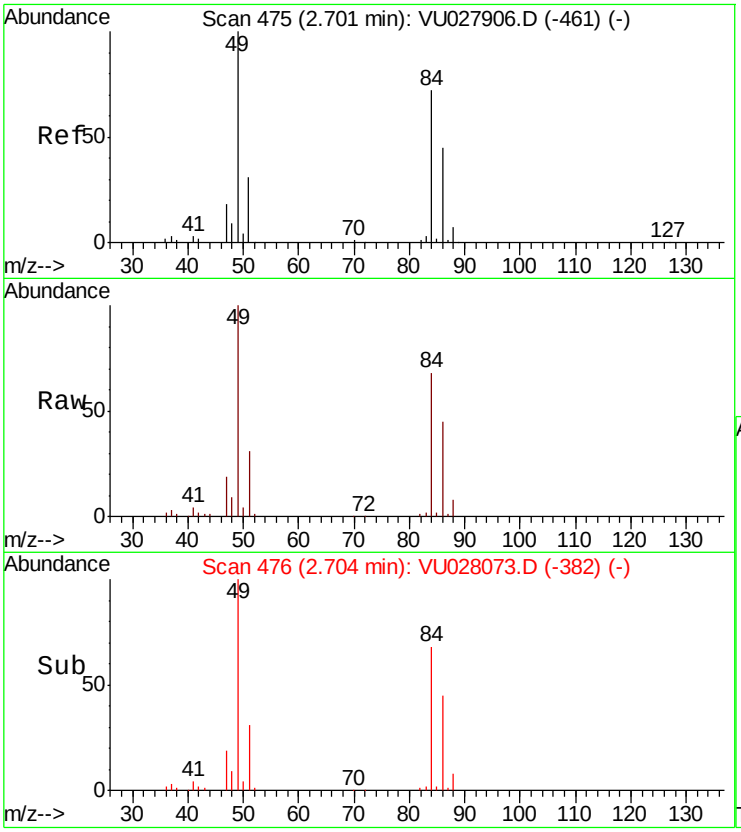


#18
Methyl Acetate
Concen: 0.791 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 43 Resp: 3470

Ion	Ratio	Lower	Upper
43	100		
74	11.2	14.9	22.3#



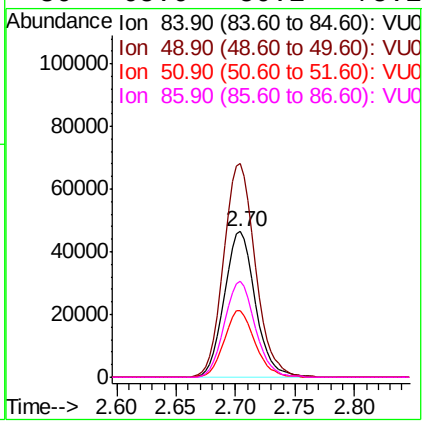


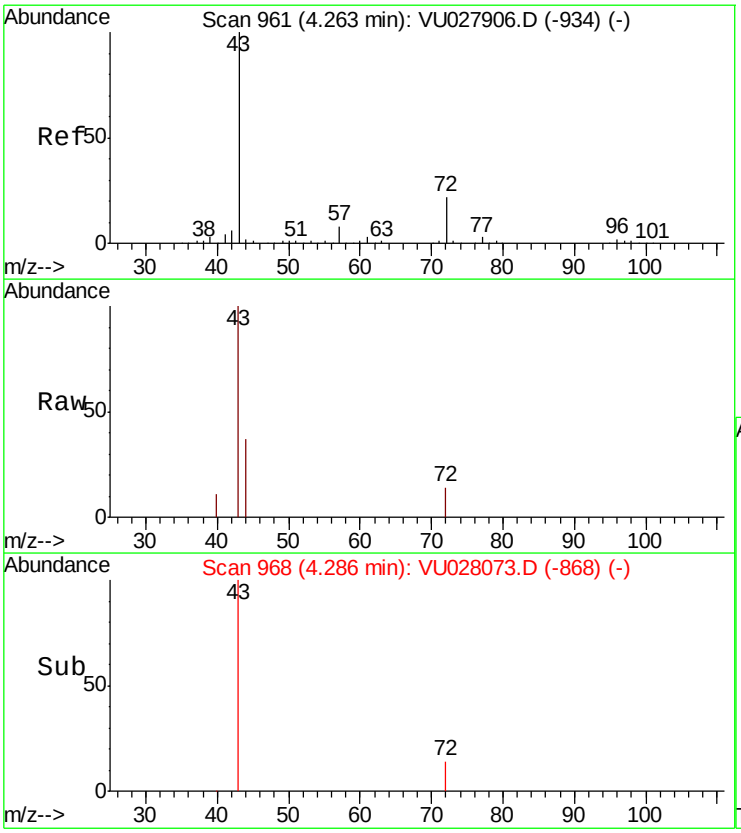
#20
Methylene Chloride
Concen: 36.119 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument : MSVOA_U
ClientSampleId : SB-14

Tgt Ion: 84 Resp: 84124

Ion	Ratio	Lower	Upper
84	100		
49	146.6	111.6	167.4
51	45.6	34.8	52.2
86	65.6	50.1	75.1

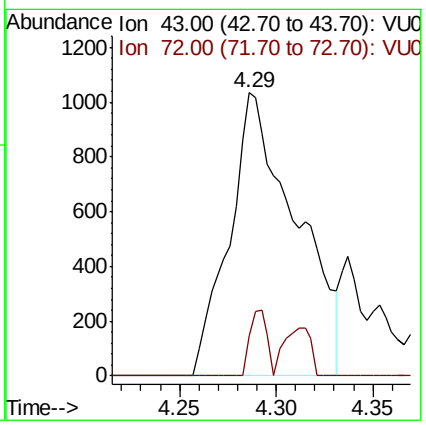


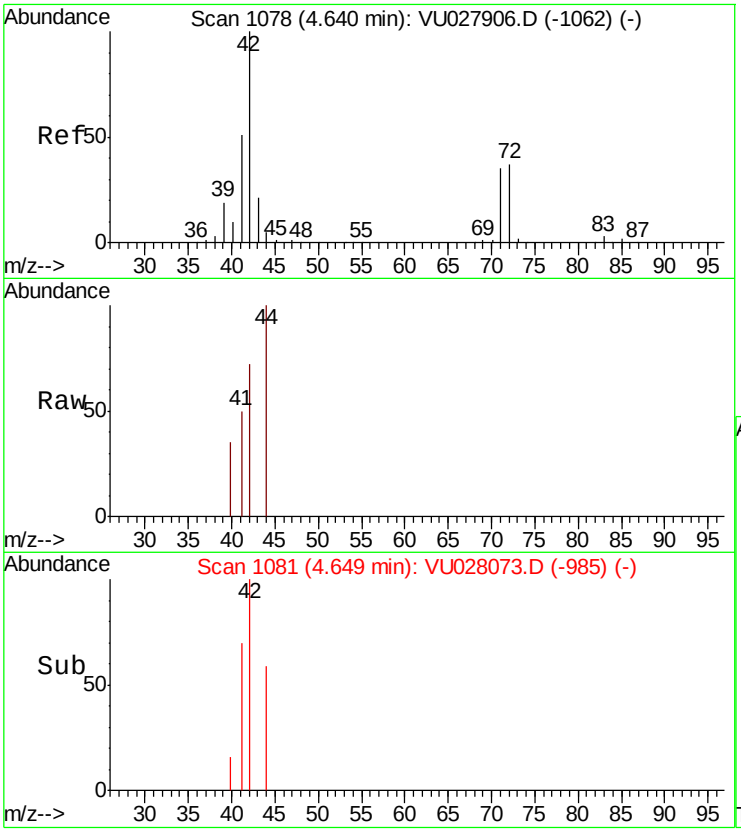


#25
2-Butanone
Concen: 0.977 ug/l
RT: 4.29 min Scan# 968
Delta R.T. 0.02 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 43 Resp: 2480

Ion	Ratio	Lower	Upper
43	100		
72	14.3	17.7	26.5#



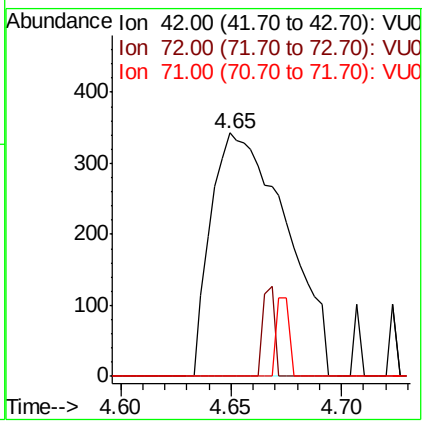


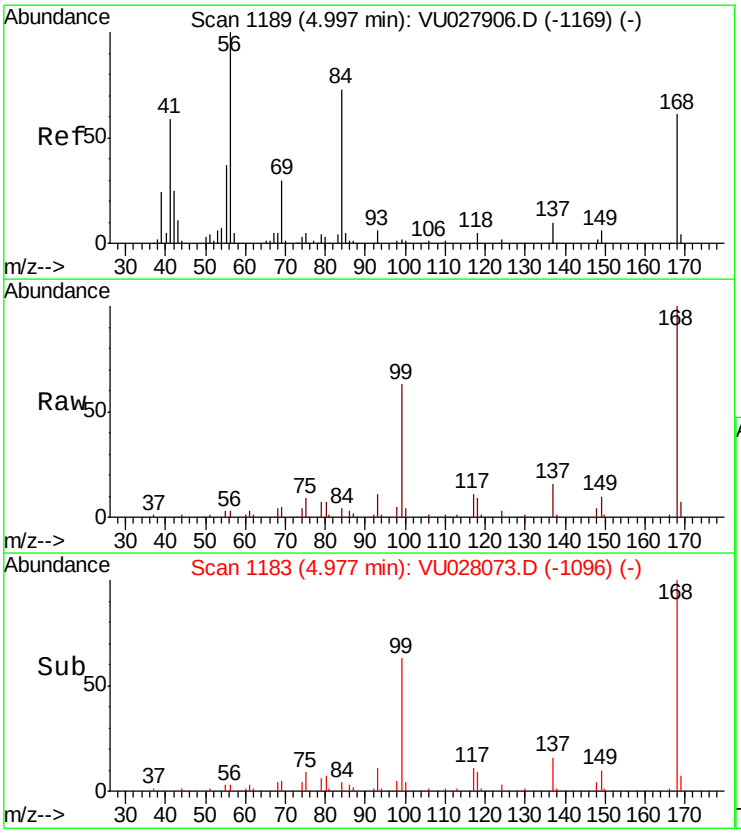
#29
Tetrahydrofuran
Concen: 0.478 ug/l
RT: 4.65 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument : MSVOA_U
ClientSampleId : SB-14

Tgt Ion: 42 Resp: 810

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.4	44.0#
71	0.0	27.9	41.9#

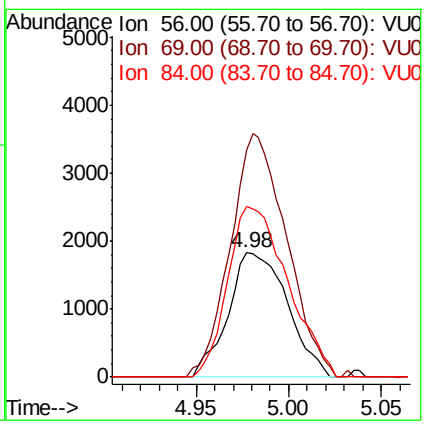


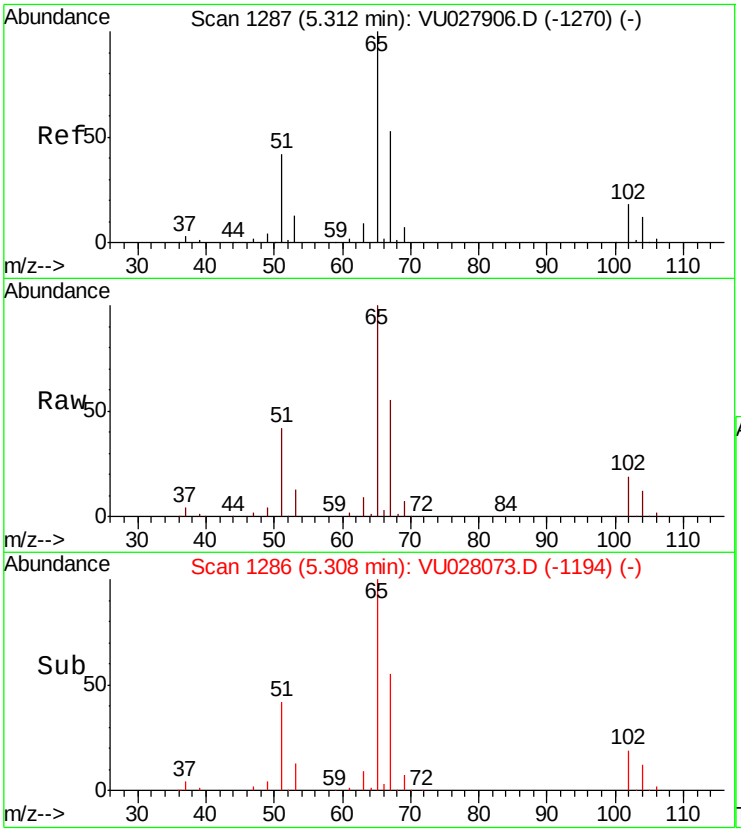


#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1183
Delta R.T. -0.02 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 56 Resp: 4079

Ion	Ratio	Lower	Upper
56	100		
69	183.5	23.7	35.5#
84	137.2	58.2	87.4#



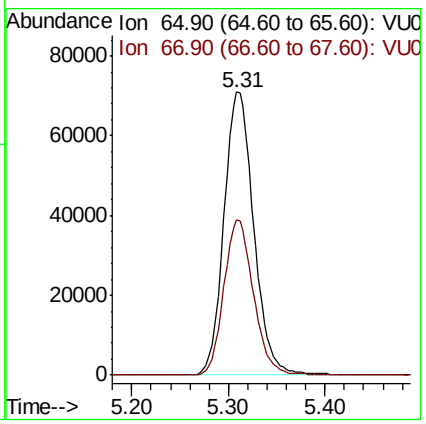


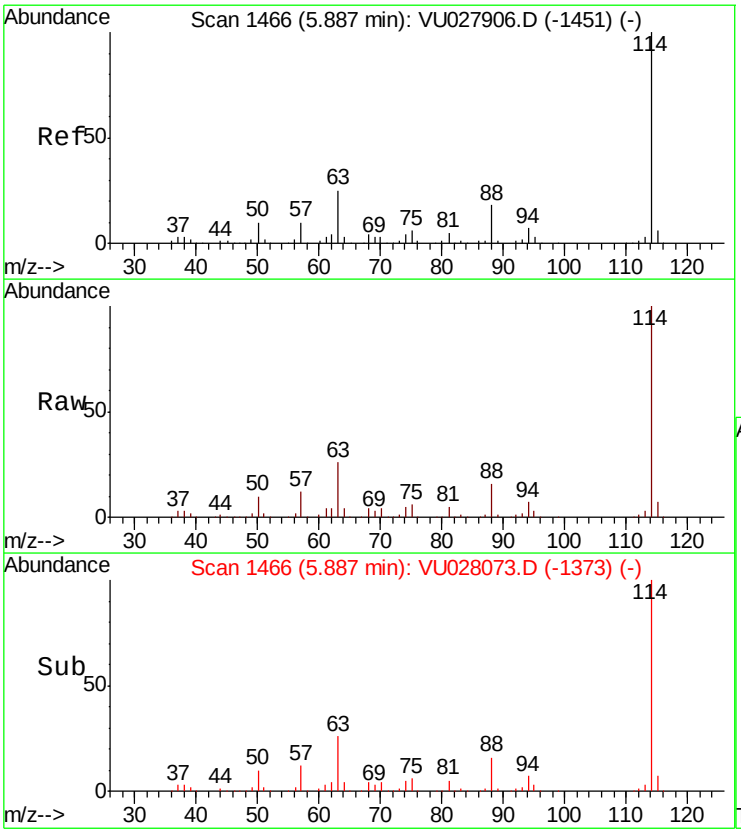
#33
1,2-Dichloroethane-d4
Concen: 58.987 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
SB-14

Tgt Ion: 65 Resp: 151660

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.0

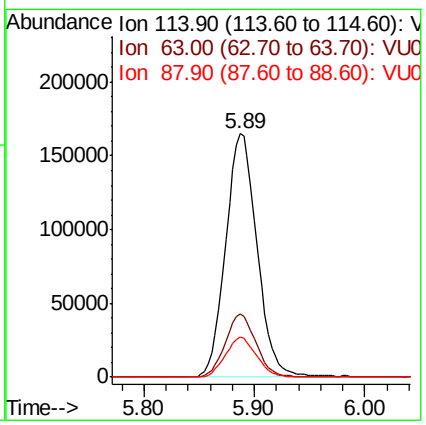


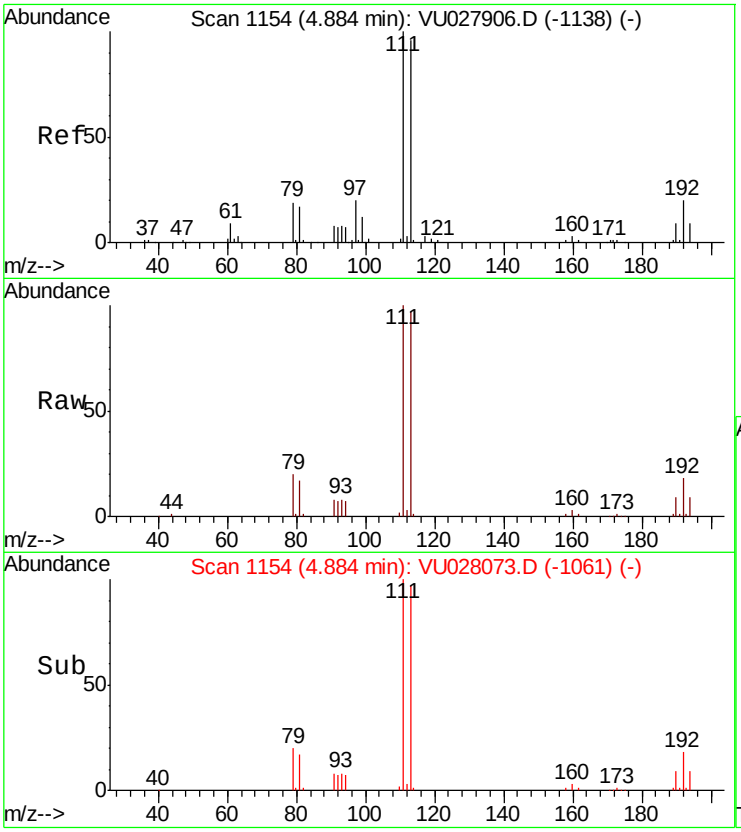


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion:114 Resp: 325889

Ion	Ratio	Lower	Upper
114	100		
63	25.8	0.0	50.8
88	16.4	0.0	35.8



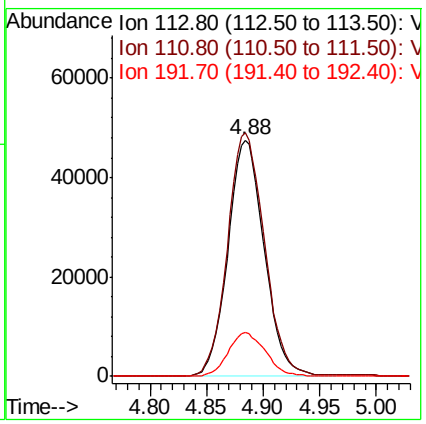


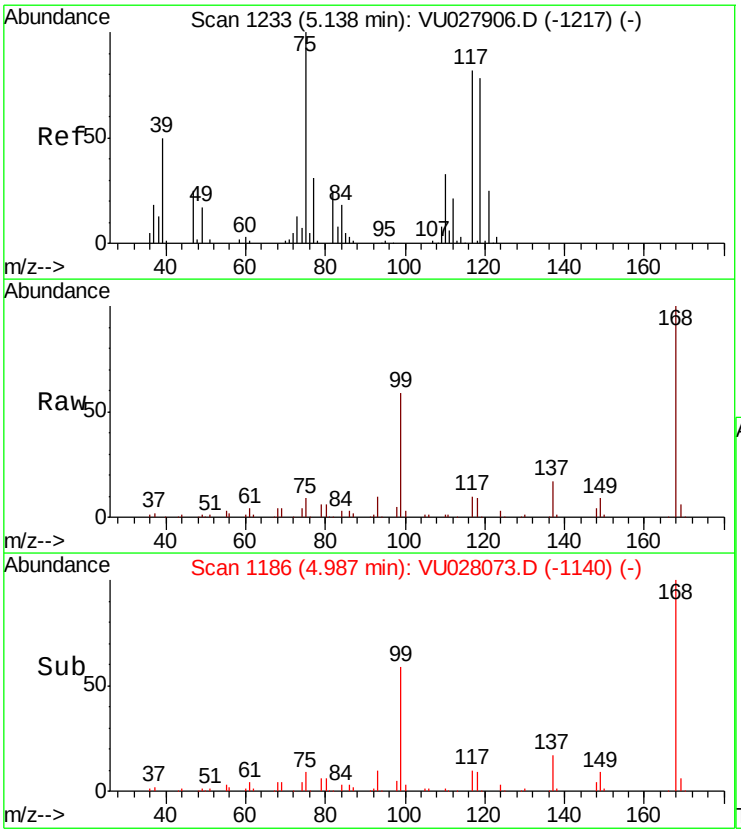
#35
Dibromofluoromethane
Concen: 51.859 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
SB-14

Tgt Ion:113 Resp: 106559

Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.0	124.6
192	19.1	15.6	23.4

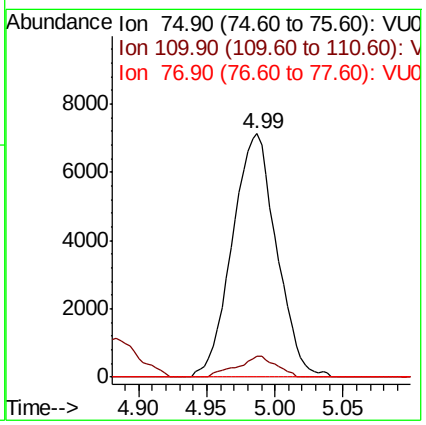


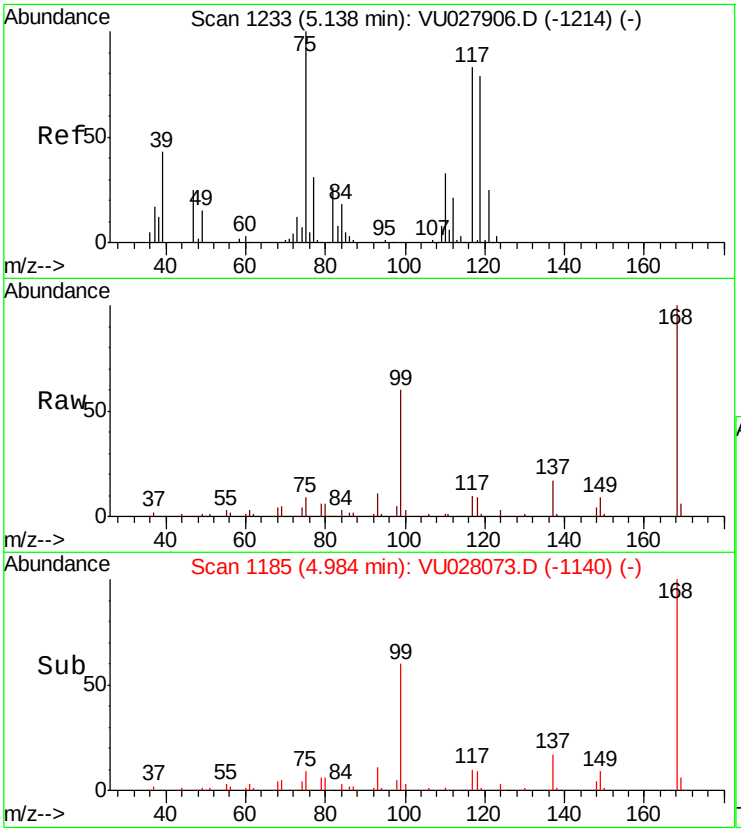


#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 75 Resp: 16078

Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.5	49.5#
77	0.0	24.9	37.3#



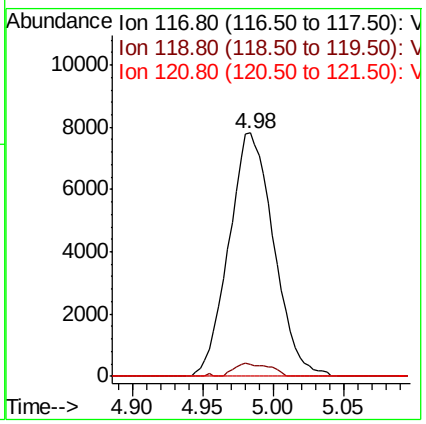


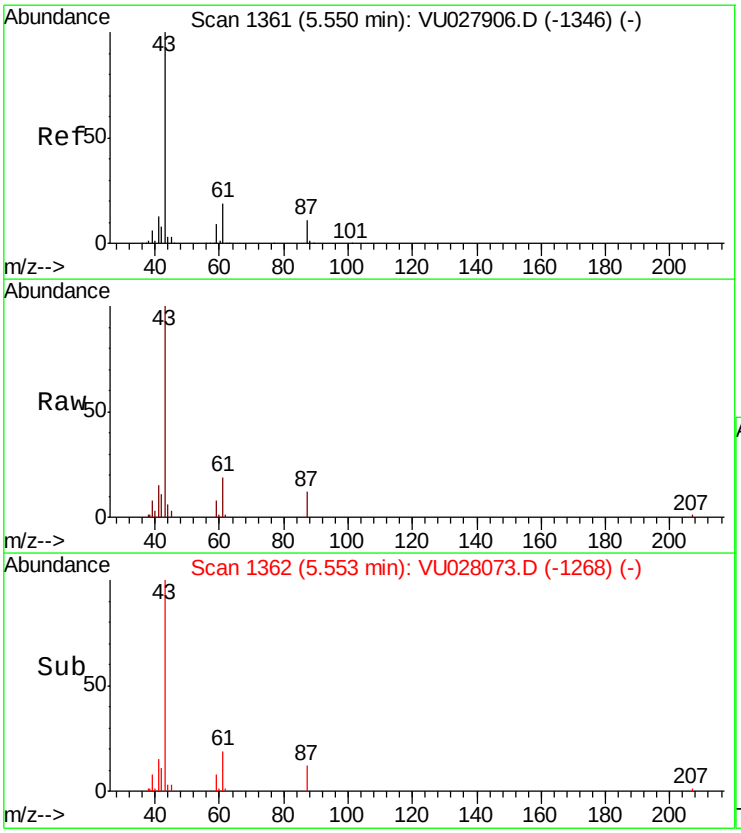
#38
Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument : MSVOA_U
ClientSampleId : SB-14

Tgt Ion:117 Resp: 17392

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.0	114.0#
121	0.0	24.5	36.7#

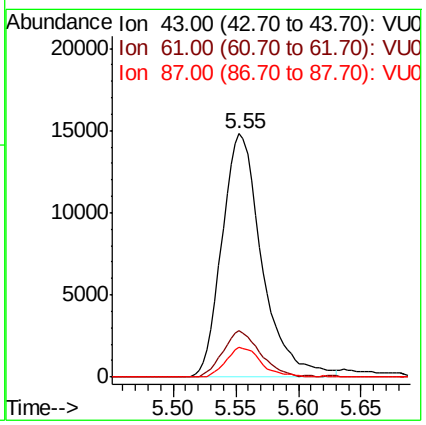


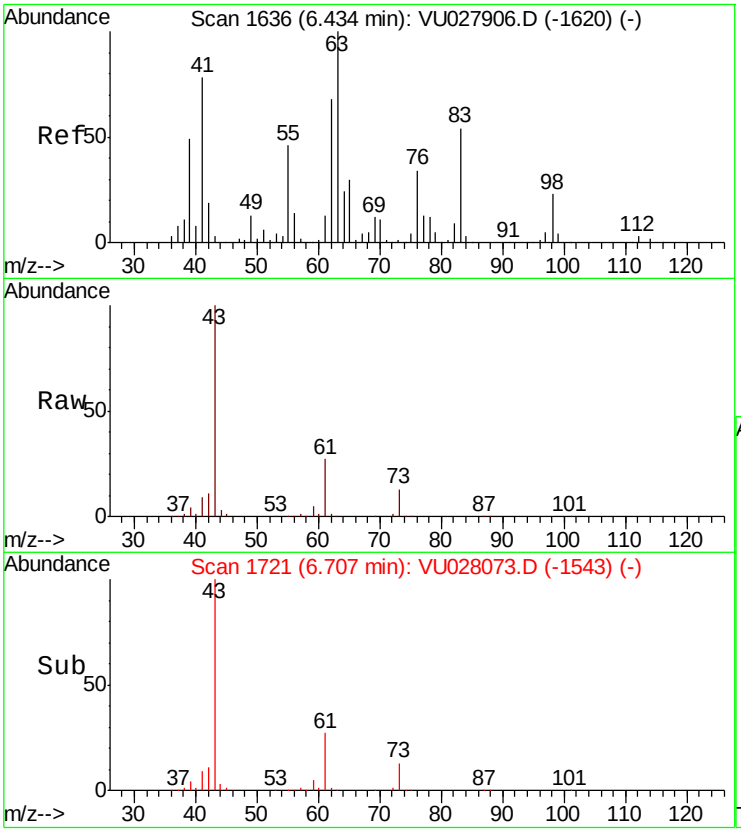


#43
Isopropyl Acetate
Concen: 4.192 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 43 Resp: 32842

Ion	Ratio	Lower	Upper
43	100		
61	17.6	15.0	22.4
87	10.6	8.6	12.8



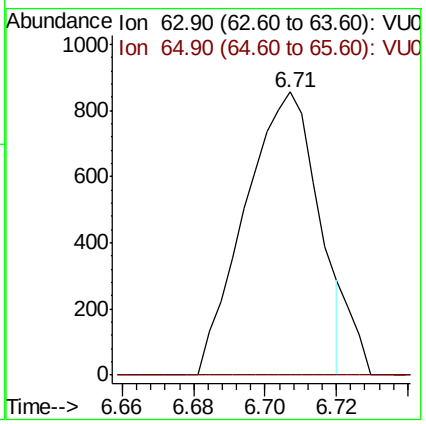


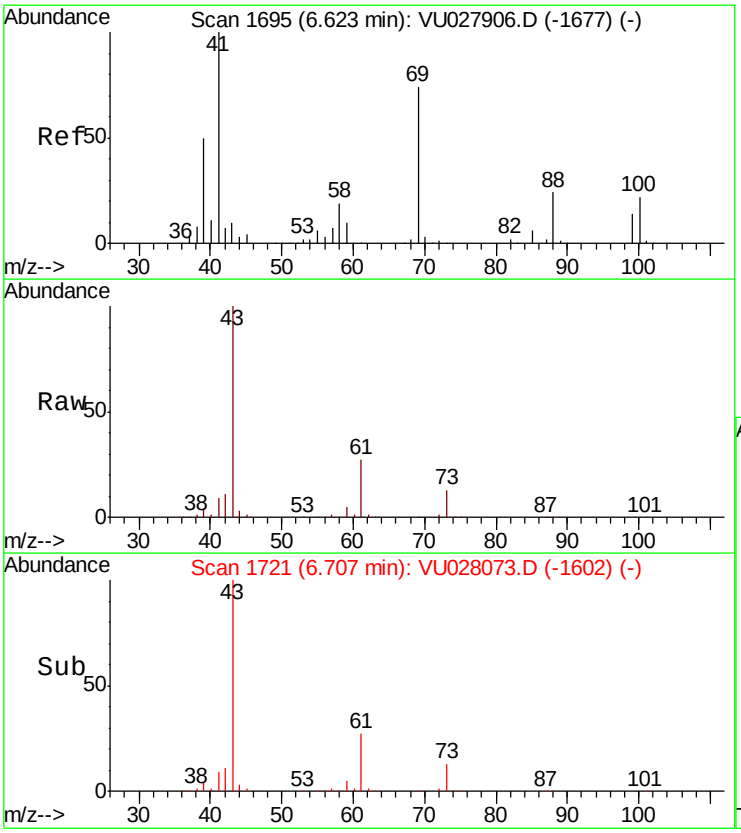
#45
1,2-Dichloropropane
Concen: 0.402 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.27 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument : MSVOA_U
ClientSampleId : SB-14

Tgt Ion: 63 Resp: 1211

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.4	36.6#

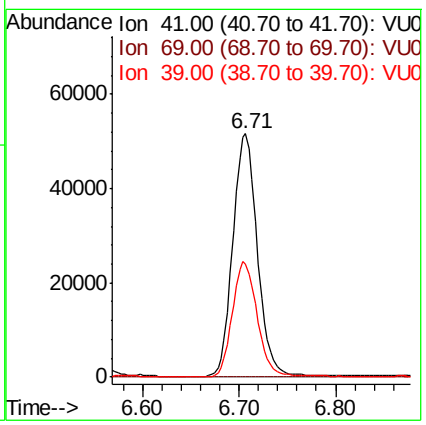


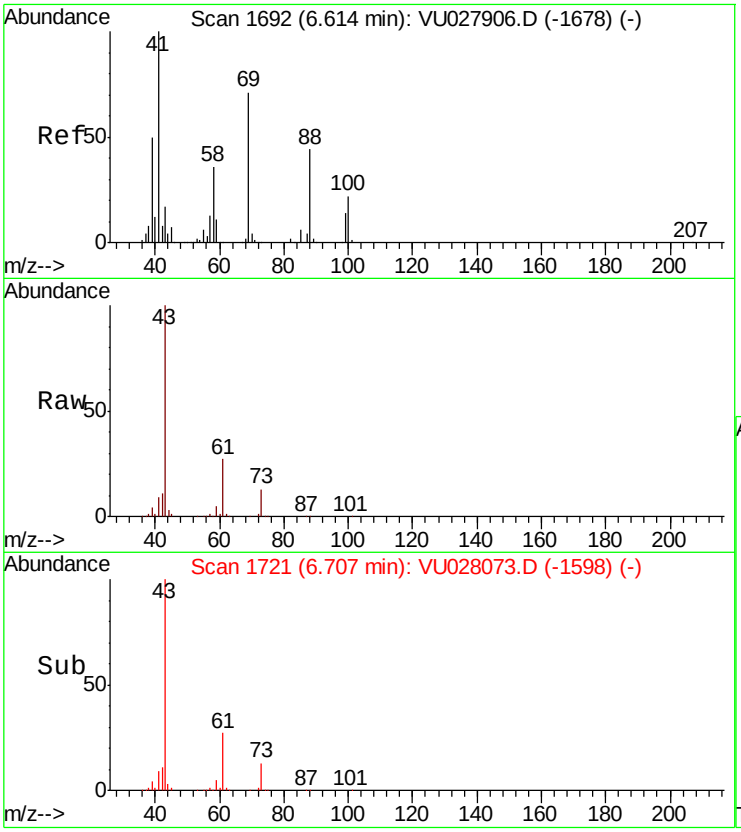


#48
Methyl methacrylate
Concen: 23.762 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.08 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 41 Resp: 91235

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.8	89.8#
39	47.7	40.0	60.0



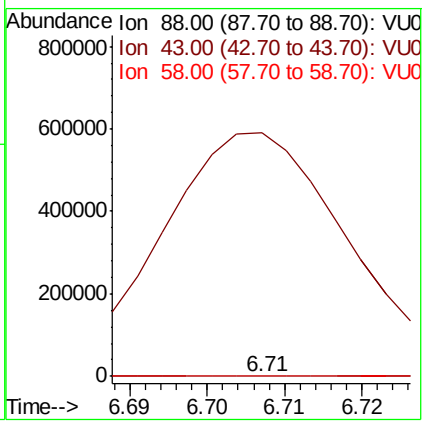


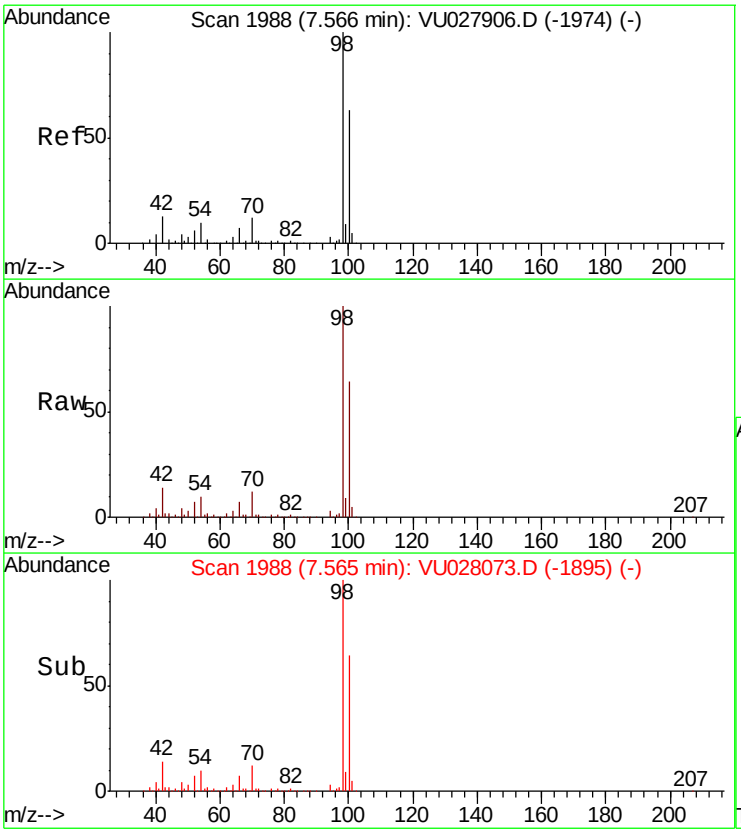
#49
1,4-Dioxane
Concen: 1.054 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.09 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument : MSVOA_U
ClientSampleId : SB-14

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	1584622.7	30.5	45.7#
58	6462.1	67.1	100.7#

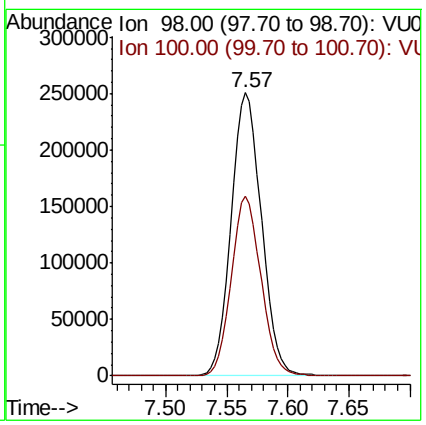


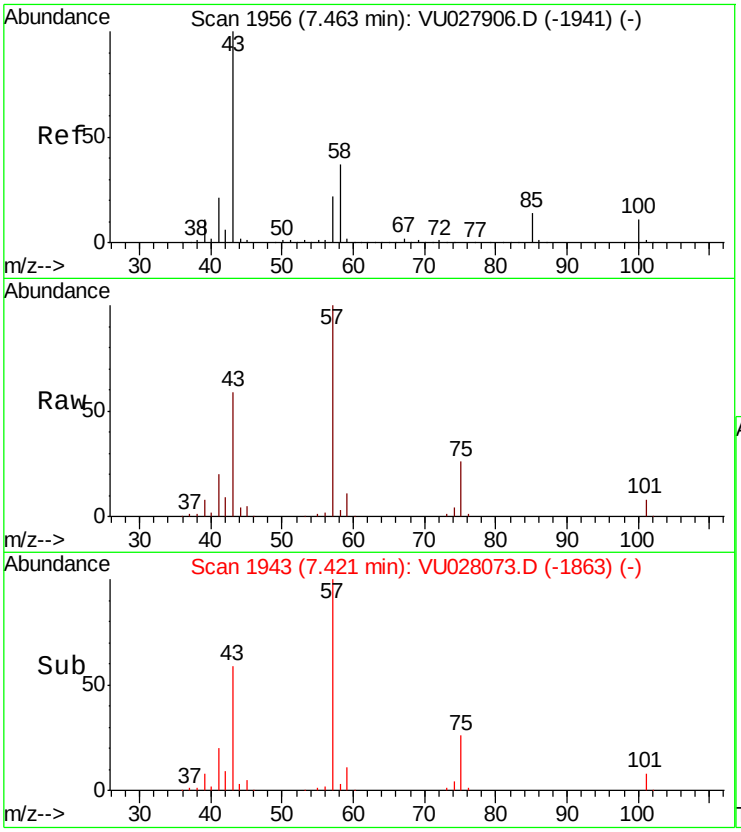


#50
Toluene-d8
Concen: 54.517 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 98 Resp: 432722

Ion	Ratio	Lower	Upper
98	100		
100	62.1	50.1	75.1



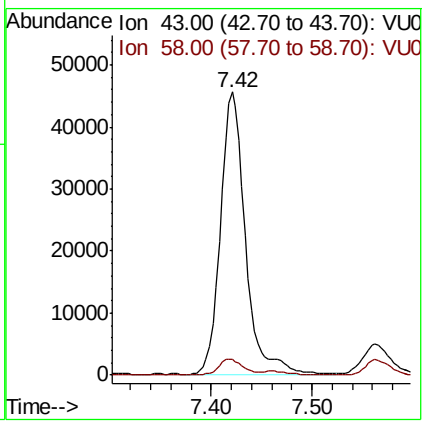


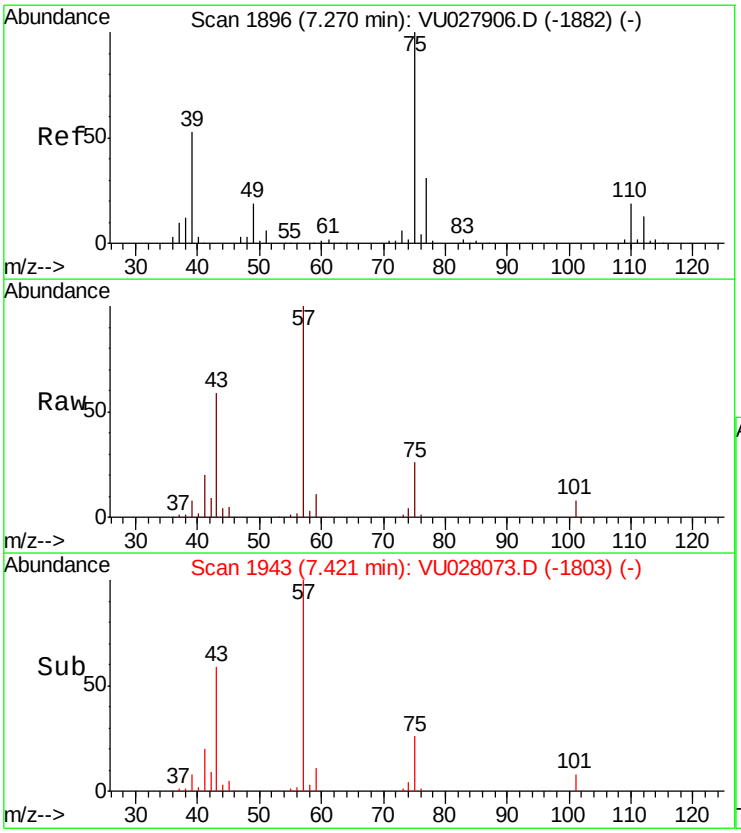
#51
4-Methyl-2-Pentanone
Concen: 15.110 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
SB-14

Tgt Ion: 43 Resp: 79065

Ion	Ratio	Lower	Upper
43	100		
58	5.5	29.5	44.3#

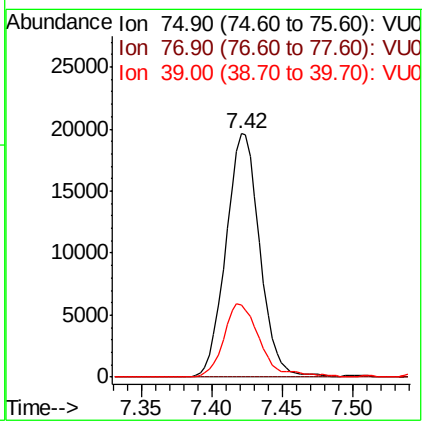


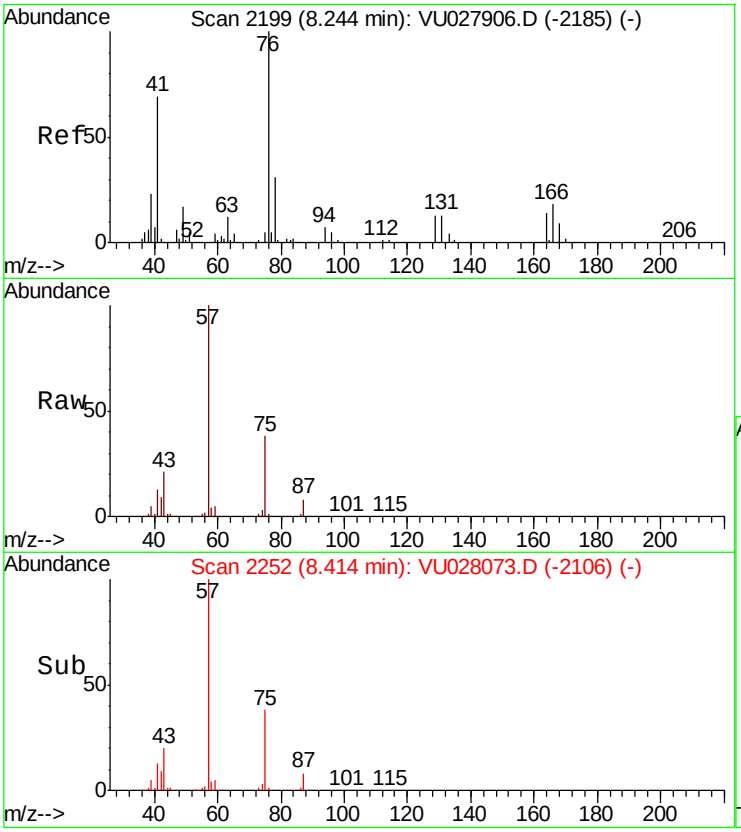


#54
cis-1,3-Dichloropropene
Concen: 8.025 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. 0.15 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 75 Resp: 32980

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#
39	29.5	42.6	64.0#



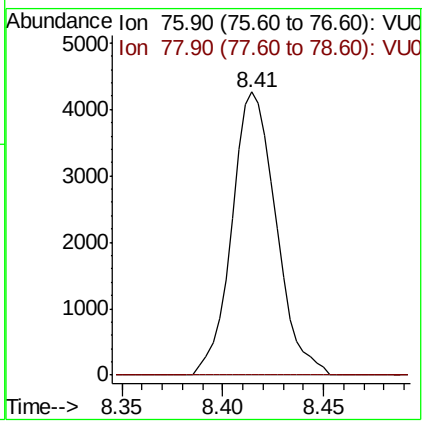


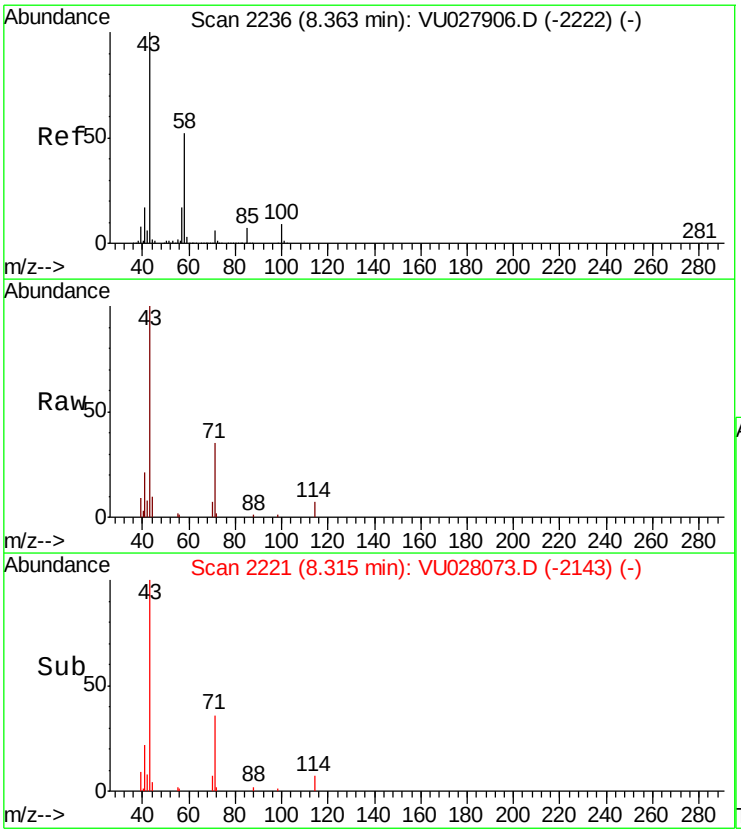
#57
1,3-Dichloropropane
Concen: 1.438 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.17 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument : MSVOA_U
ClientSampleId : SB-14

Tgt Ion: 76 Resp: 6540

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.3	37.9#

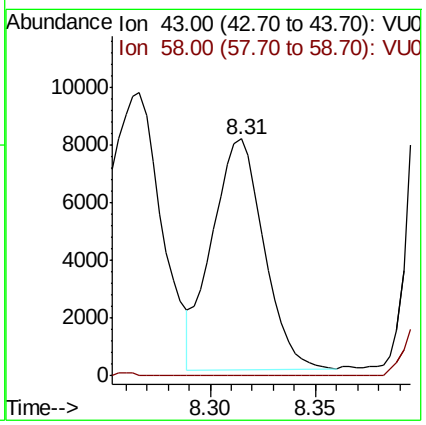


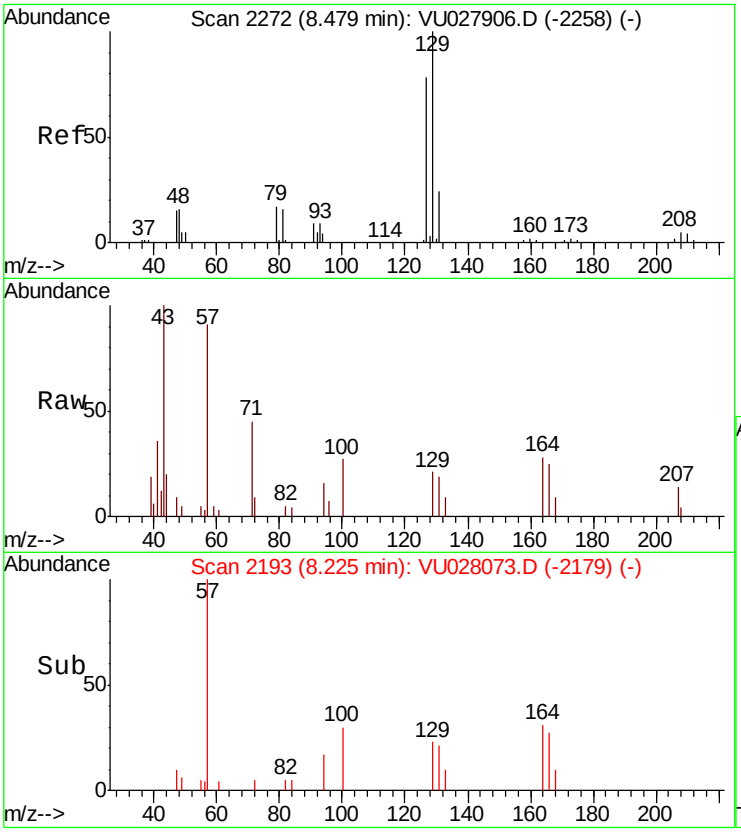


#59
2-Hexanone
Concen: 3.367 ug/l
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 43 Resp: 13627

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.8	77.3#



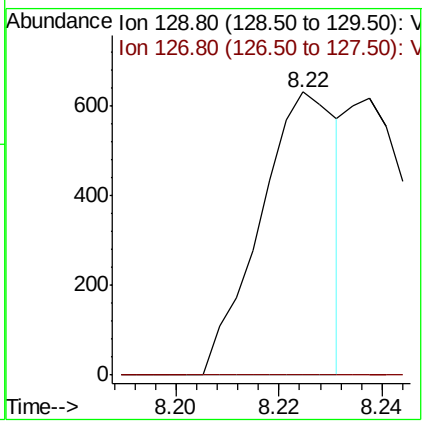


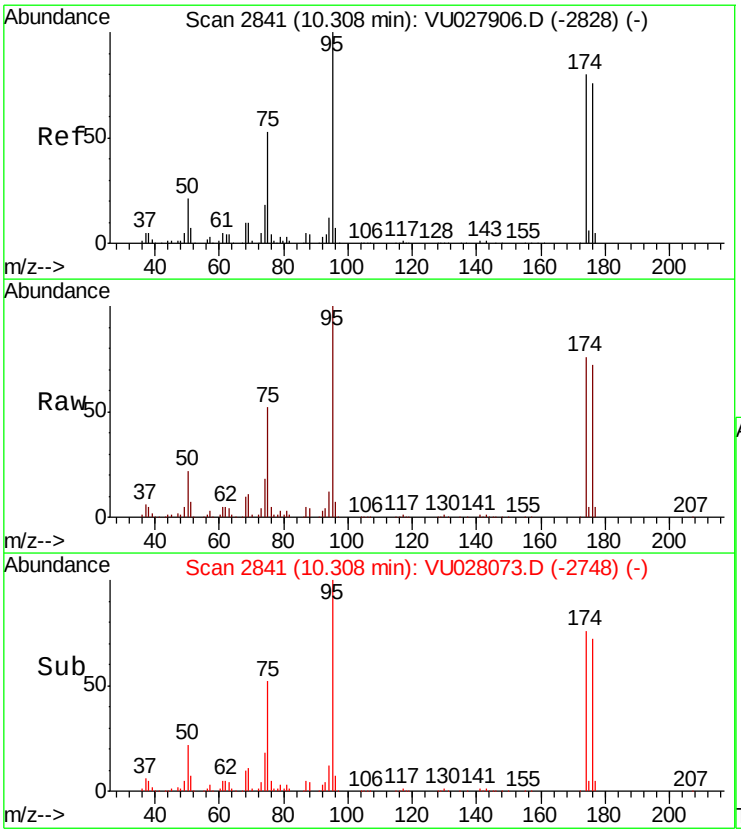
#60
Dibromochloromethane
Concen: 0.275 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument : MSVOA_U
ClientSampleId : SB-14

Tgt Ion:129 Resp: 650

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.2	117.6#

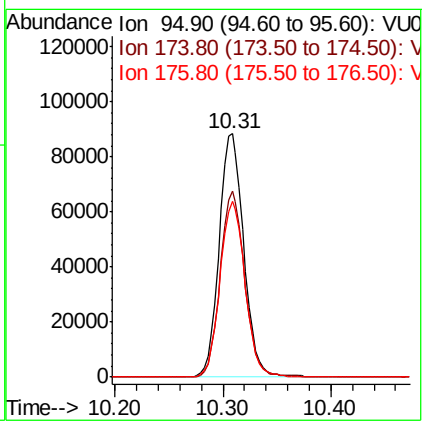


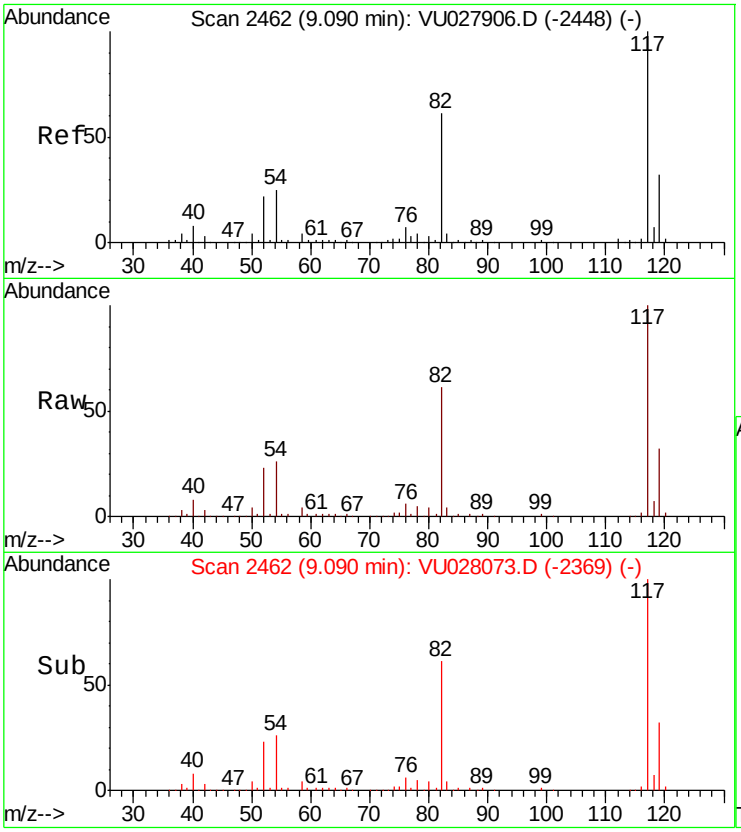


#62
4-Bromofluorobenzene
Concen: 47.796 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 95 Resp: 139931

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	156.4
176	73.7	0.0	150.8



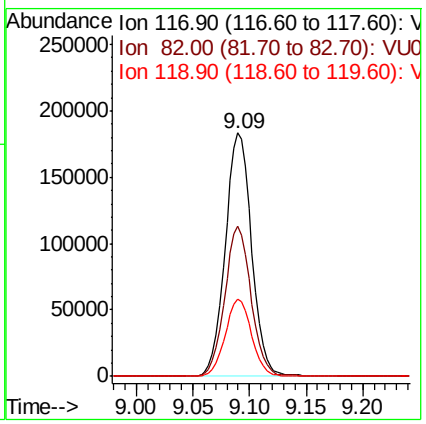


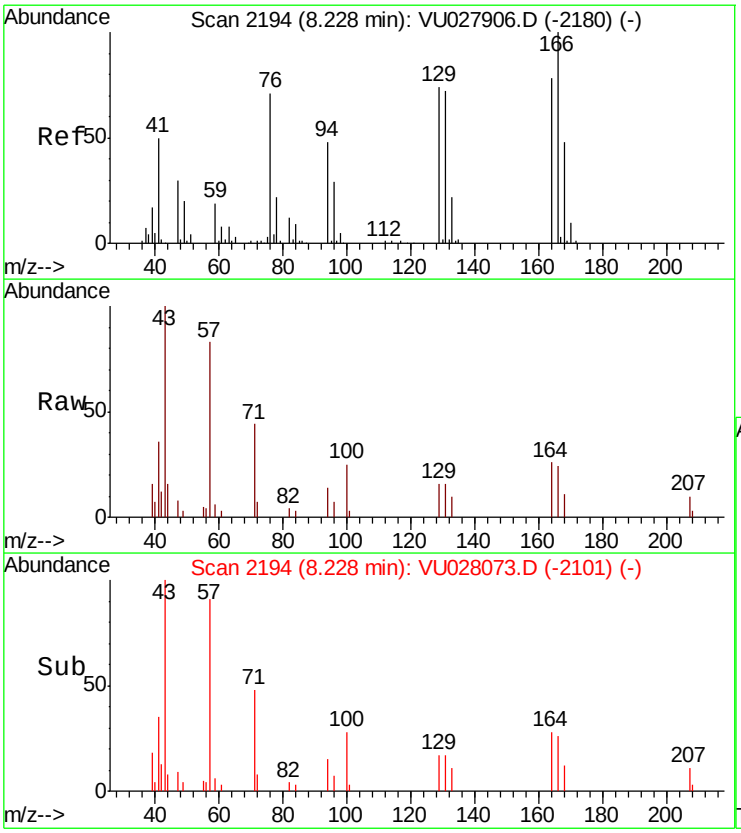
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument : MSVOA_U
ClientSampleId : SB-14

Tgt Ion:117 Resp: 297100

Ion	Ratio	Lower	Upper
117	100		
82	61.5	48.6	73.0
119	31.8	25.8	38.8

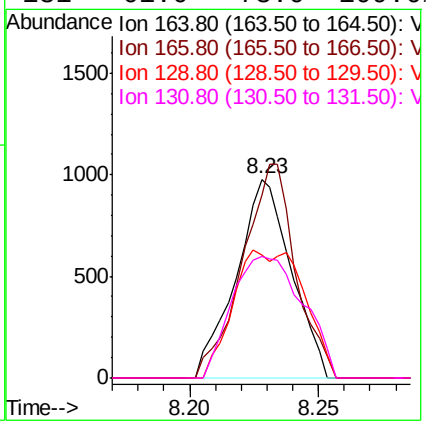


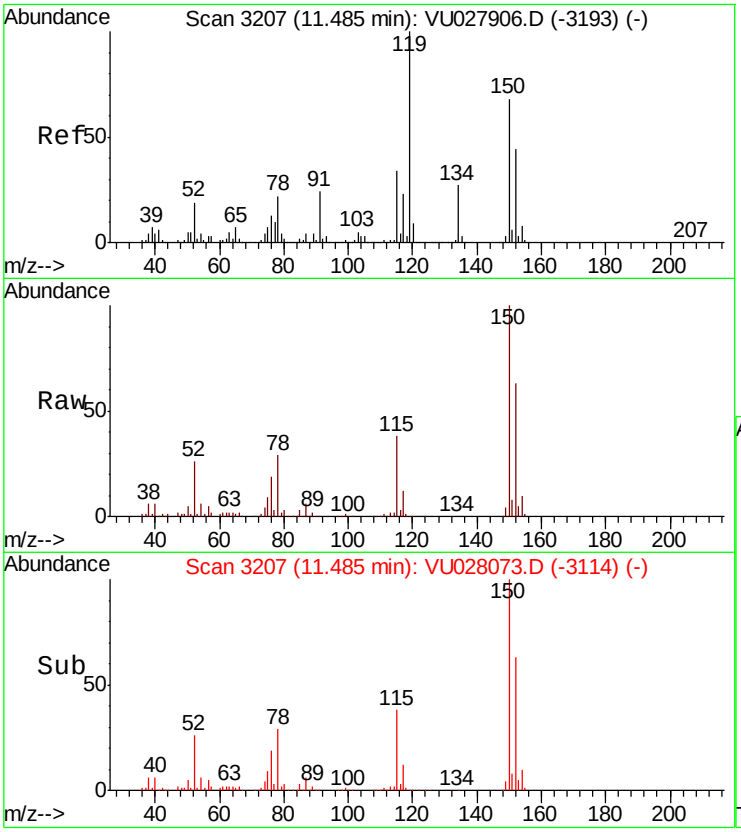


#64
Tetrachloroethene
Concen: 0.757 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion:164 Resp: 1458

Ion	Ratio	Lower	Upper
164	100		
166	91.9	102.1	153.1#
129	61.7	75.9	113.9#
131	61.0	73.0	109.6#



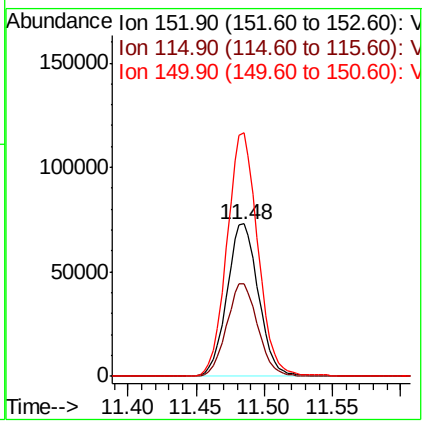


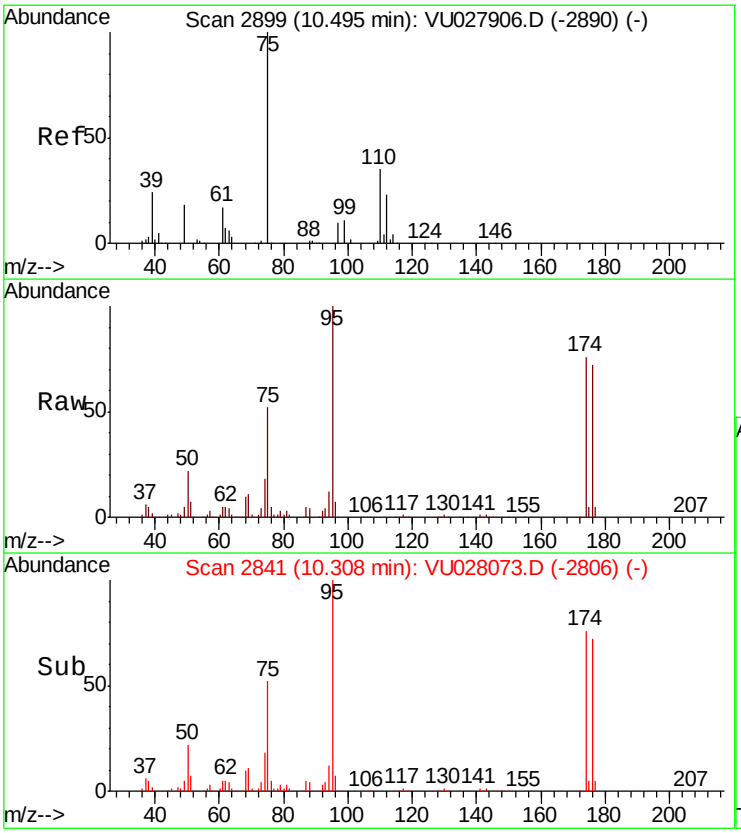
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
SB-14

Tgt Ion:152 Resp: 117049

Ion	Ratio	Lower	Upper
152	100		
115	60.0	43.0	129.0
150	156.8	0.0	349.4

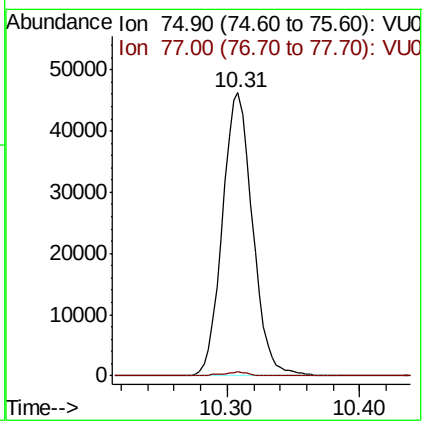


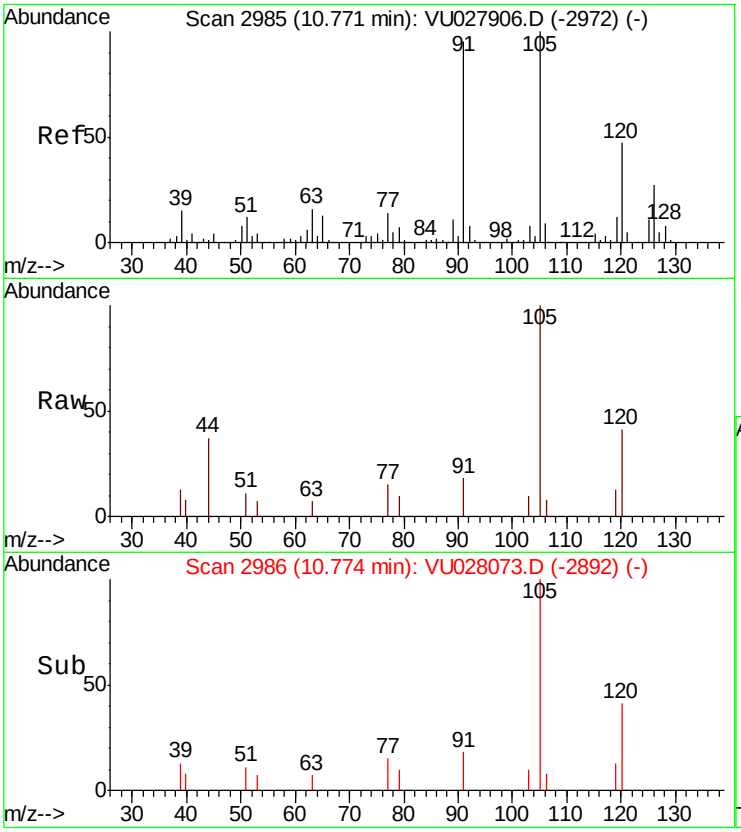


#76
1,2,3-Trichloropropane
Concen: 22.866 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 75 Resp: 73209

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.6	64.6#



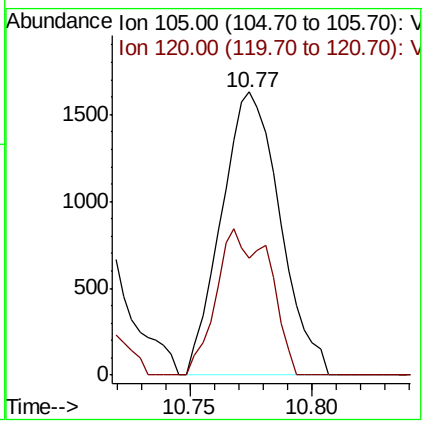


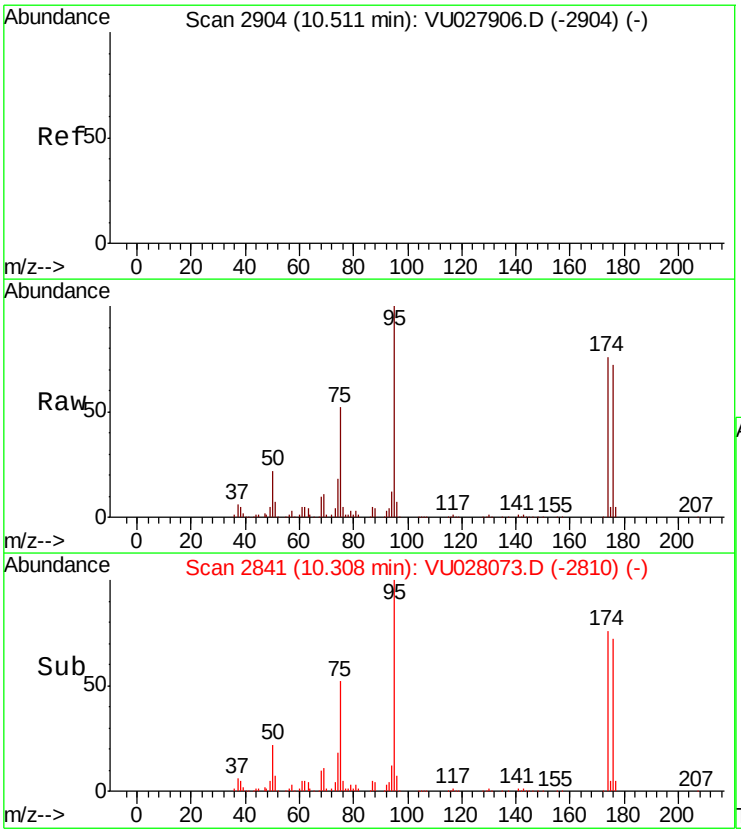
#80
1,3,5-Trimethylbenzene
Concen: 0.363 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
SB-14

Tgt Ion:105 Resp: 2725

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.3	69.9

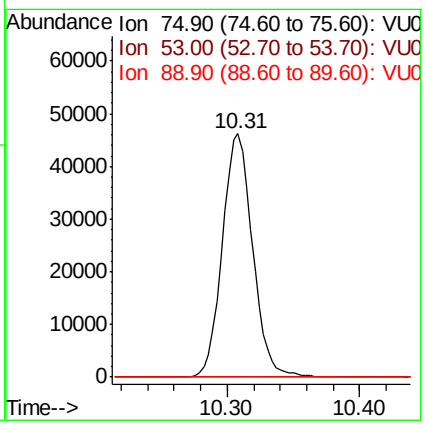


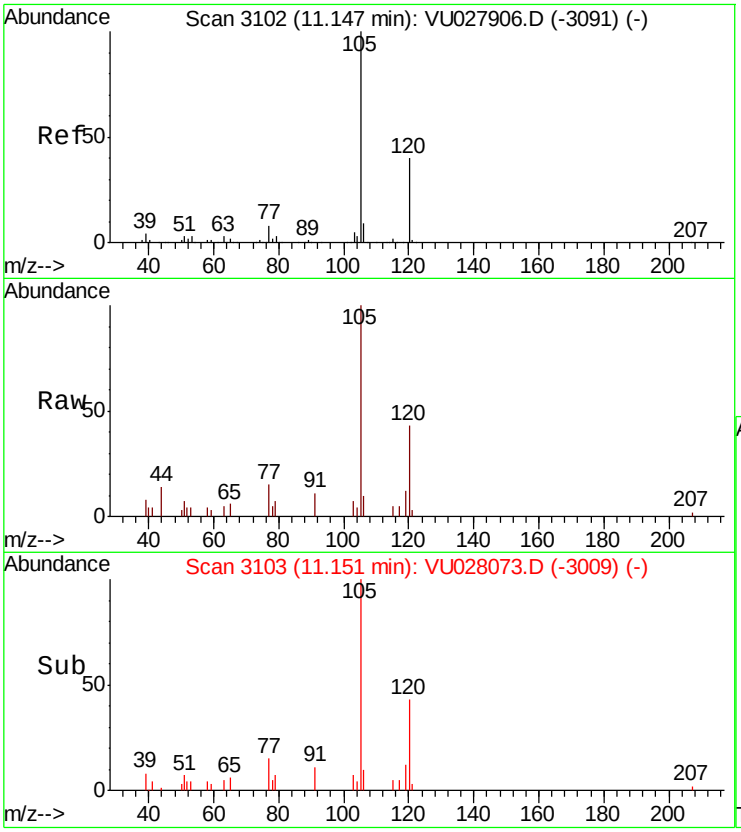


#81
trans-1,4-Dichloro-2-butene
Concen: 57.055 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion: 75 Resp: 73209

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



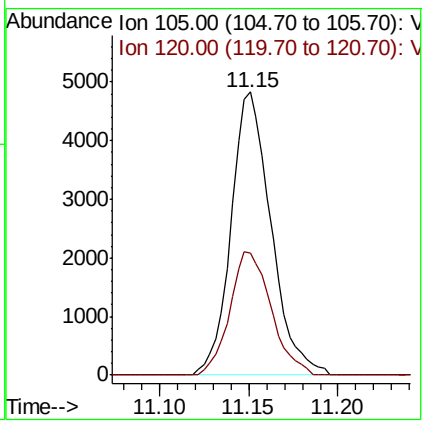


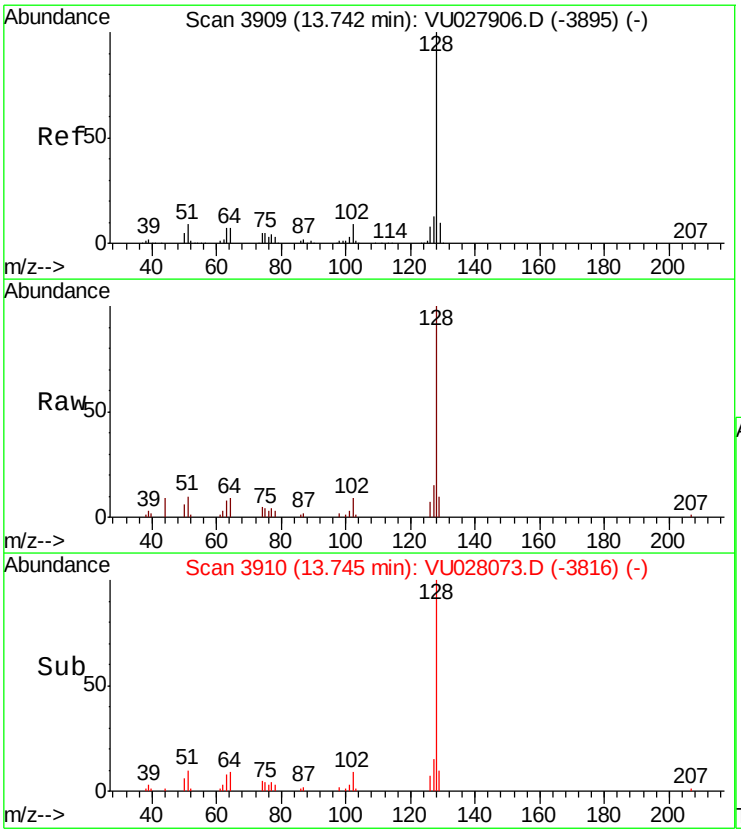
#84
1,2,4-Trimethylbenzene
Concen: 0.994 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
SB-14

Tgt Ion:105 Resp: 7517

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.1	66.1





#95
Naphthalene
Concen: 2.501 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU028073.D
Acq: 12 Nov 2018 18:34

Tgt Ion:128 Resp: 25665

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.3	12.5