Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
Data File : VU027922.D
Acq On : 02 Nov 2018 13:40
Operator : MD/SY
Sample : J5192-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Quant Time: Nov 03 04:22:01 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	190028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	334149	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	295538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	123847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145314	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.86%			
35) Dibromofluoromethane	4.89	113	108062	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.58%			
50) Toluene-d8	7.57	98	424120	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.22%			
62) 4-Bromofluorobenzene	10.31	95	140711	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.74%			
Target Compounds						Qvalue
6) Chloroethane	1.70	64	600	0.359	ug/l #	42
13) Acrolein	2.20	56	270	Below Cal	#	34
16) Acetone	2.32	43	12331	7.035	ug/l	99
18) Methyl Acetate	2.62	43	4822	1.000	ug/l	92
20) Methylene Chloride	2.70	84	19306	7.543	ug/l	95
25) 2-Butanone	4.30	43	1935	0.694	ug/l	96
29) Tetrahydrofuran	4.67	42	481	0.258	ug/l #	83
31) Cyclohexane	4.98	56	4421	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	16506	4.716	ug/l #	50
38) Carbon Tetrachloride	4.99	117	19156	6.177	ug/l #	16
41) Methacrylonitrile	4.66	41	562	0.205	ug/l #	36
42) 1,2-Dichloroethane	5.56	62	838	0.220	ug/l #	76
43) Isopropyl Acetate	5.55	43	185800	23.128	ug/l	99
44) Trichloroethene	6.19	130	1211	0.527	ug/l	95
48) Methyl methacrylate	6.54	41	7136	1.813	ug/l #	24
53) t-1,3-Dichloropropene	8.14	75	24	1.124	ug/l #	5
54) cis-1,3-Dichloropropene	7.42	75	916	0.217	ug/l #	62
59) 2-Hexanone	8.31	43	1927	0.464	ug/l #	26
60) Dibromochloromethane	8.23	129	530	0.219	ug/l #	10
64) Tetrachloroethene	8.23	164	803	0.419	ug/l #	77
68) m/p-Xylenes	9.38	106	882	0.212	ug/l	87
76) 1,2,3-Trichloropropane	10.31	75	73473	21.689	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	73473	54.131	ug/l #	100
92) 1,2-Dibromo-3-Chloropropan	12.49	75	553	0.678	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.51	180	168	0.742	ug/l #	12
95) Naphthalene	13.75	128	71476	6.879	ug/l	99

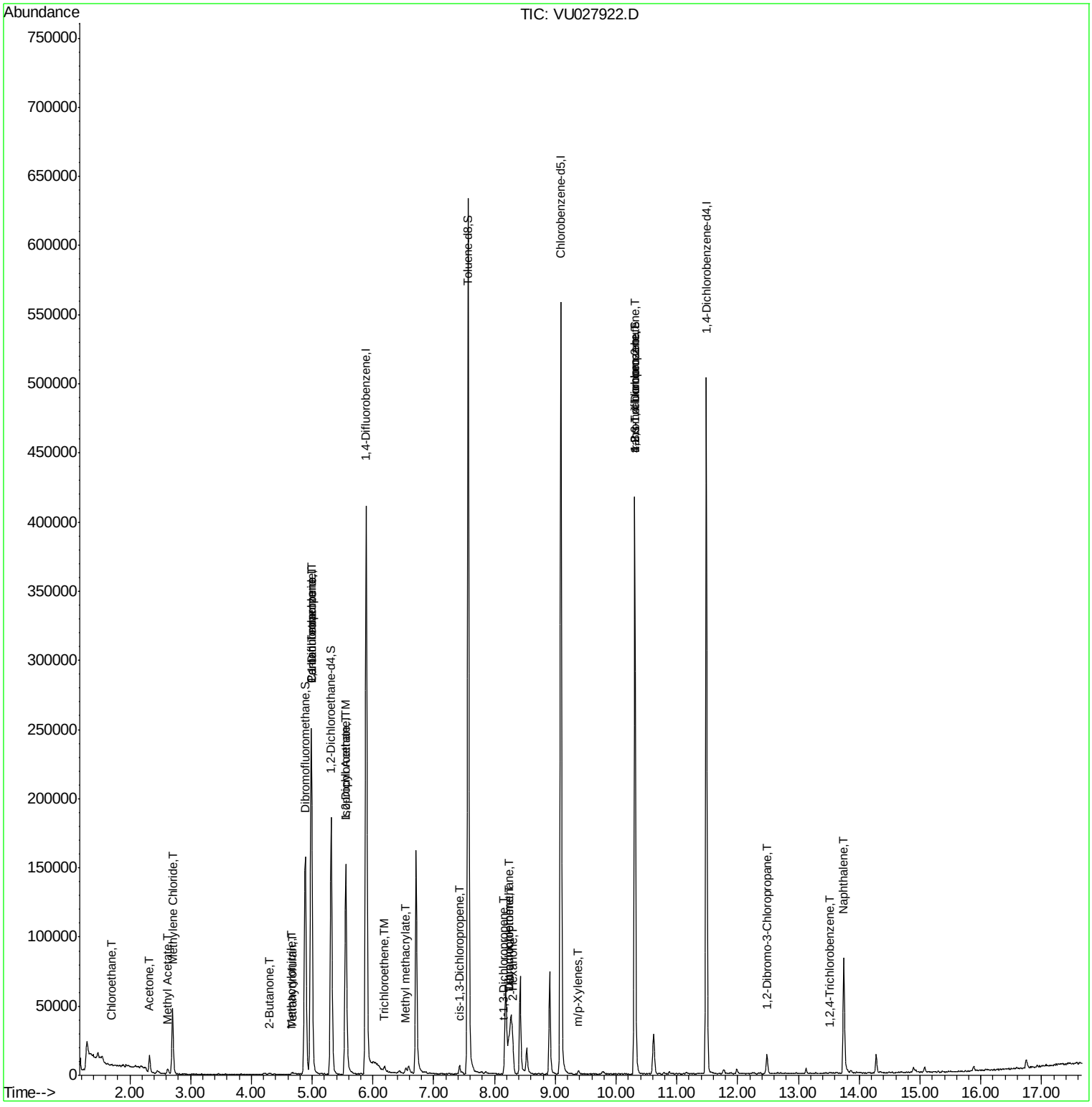
(#) = qualifier out of range (m) = manual integration (+) = signals summed

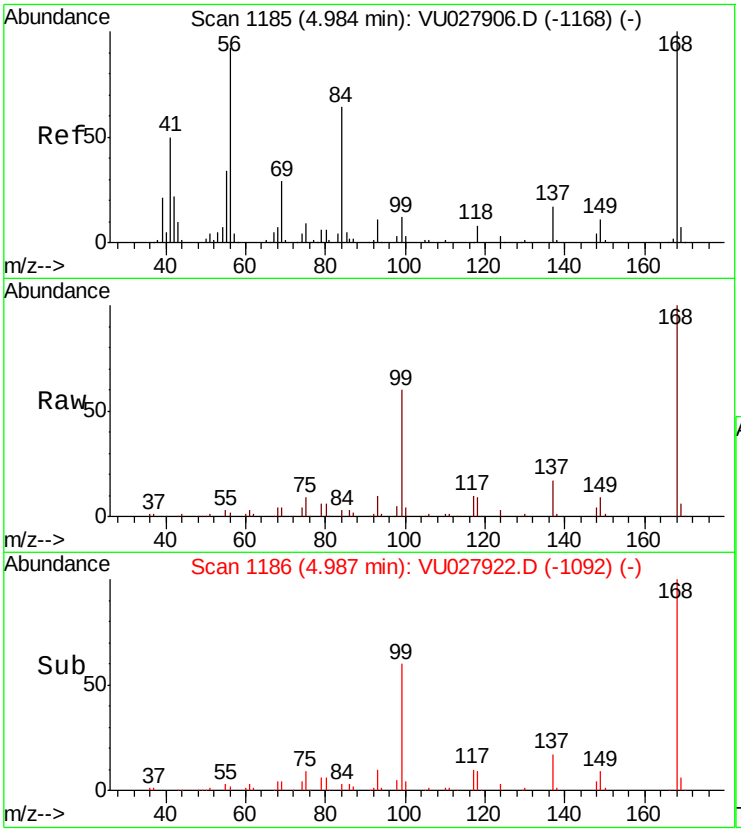
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
Data File : VU027922.D
Acq On : 02 Nov 2018 13:40
Operator : MD/SY
Sample : J5192-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Quant Time: Nov 03 04:22:01 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



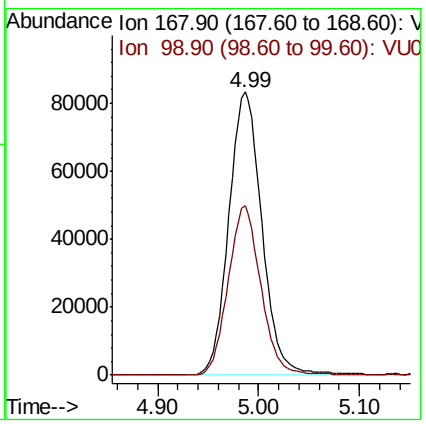


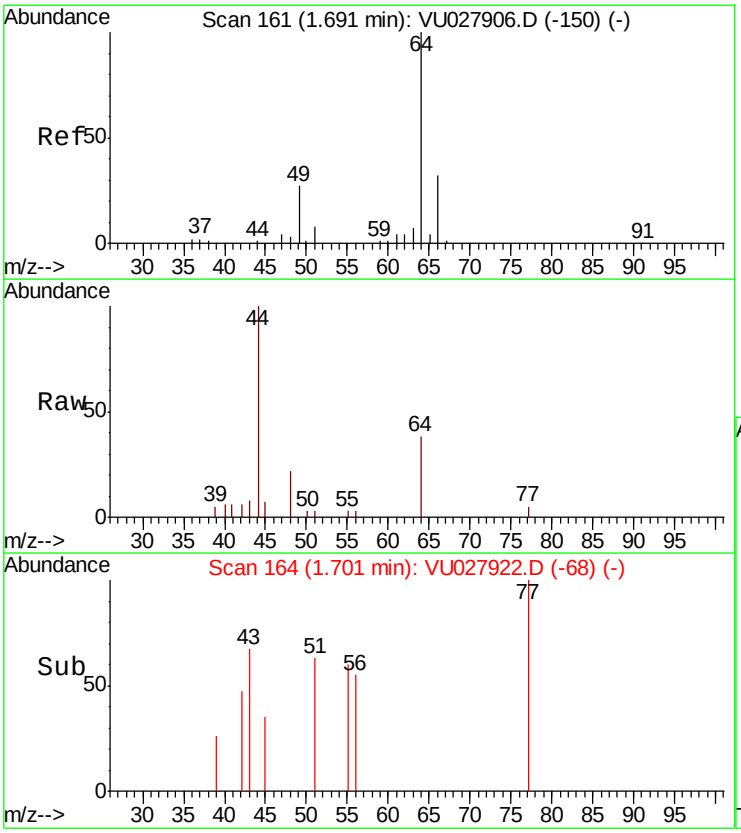
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
AU-05-103118-A

Tgt Ion:168 Resp: 190028

Ion	Ratio	Lower	Upper
168	100		
99	59.7	47.9	71.9

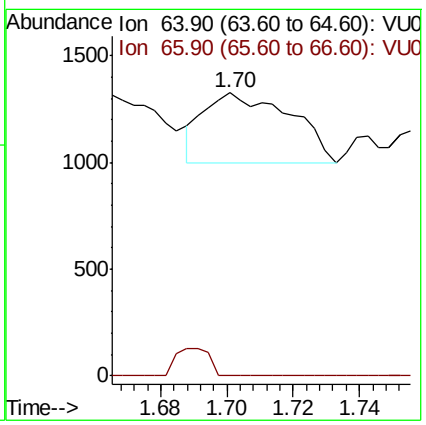


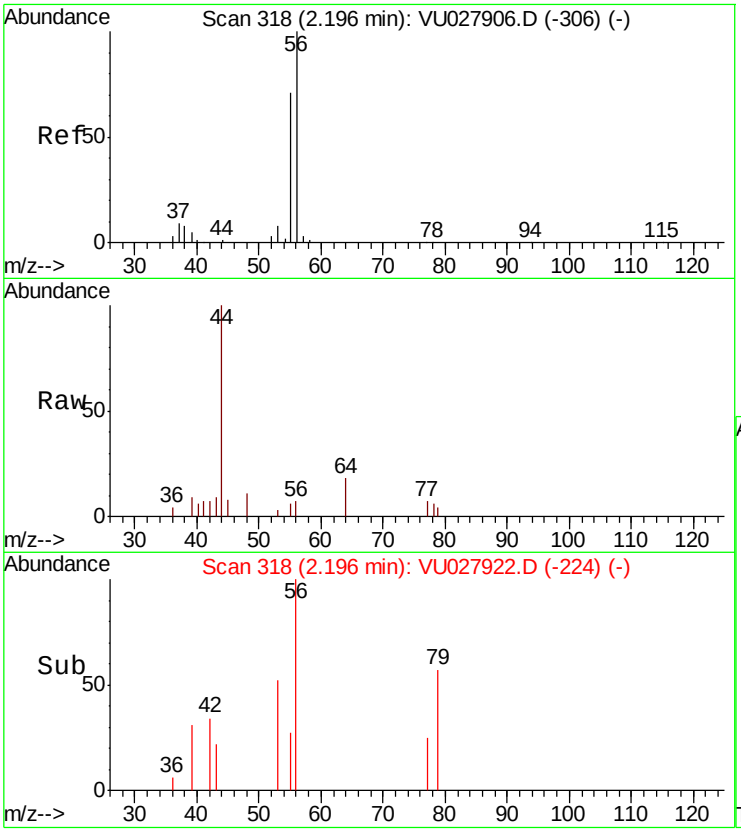


#6
Chloroethane
Concen: 0.359 ug/l
RT: 1.70 min Scan# 164
Delta R.T. 0.01 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 64 Resp: 600

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.9	38.9#



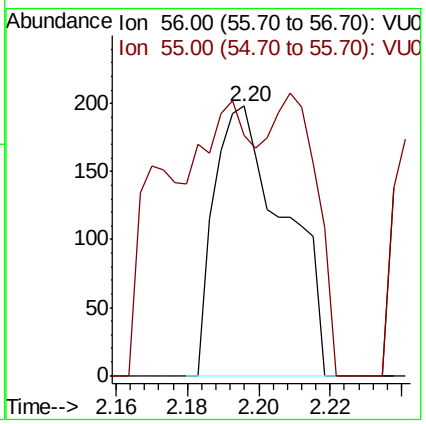


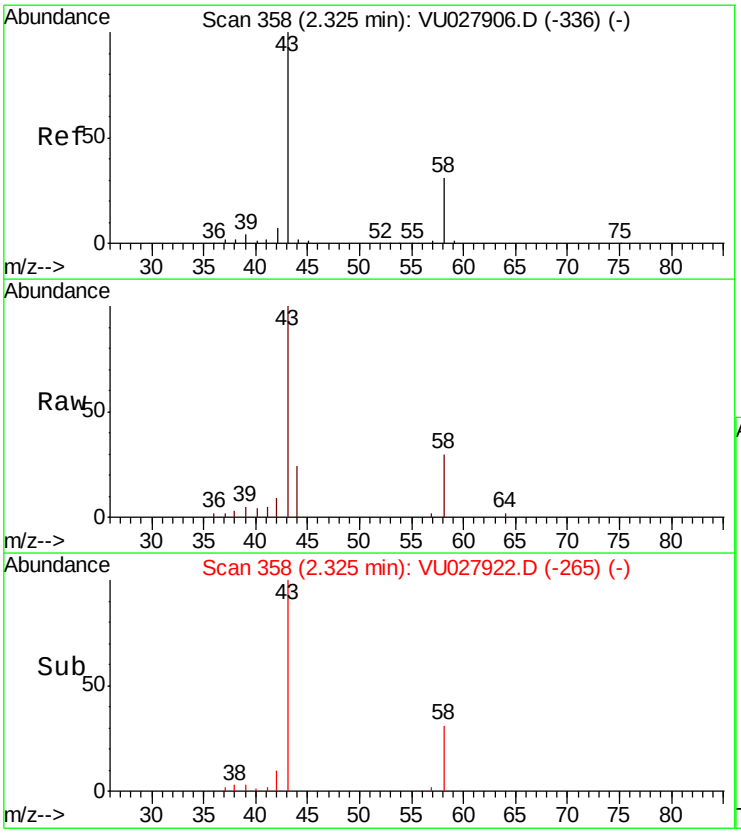
#13
Acrolein
Concen: Below Cal
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Tgt Ion: 56 Resp: 270

Ion	Ratio	Lower	Upper
56	100		
55	16.3	56.2	84.4#

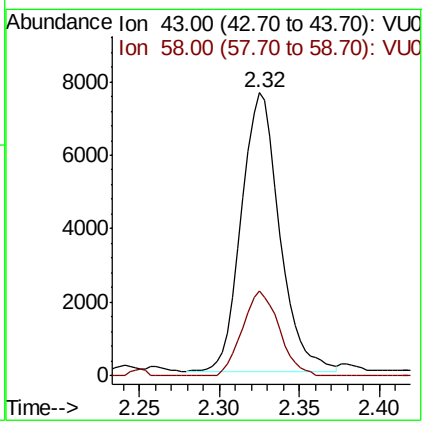


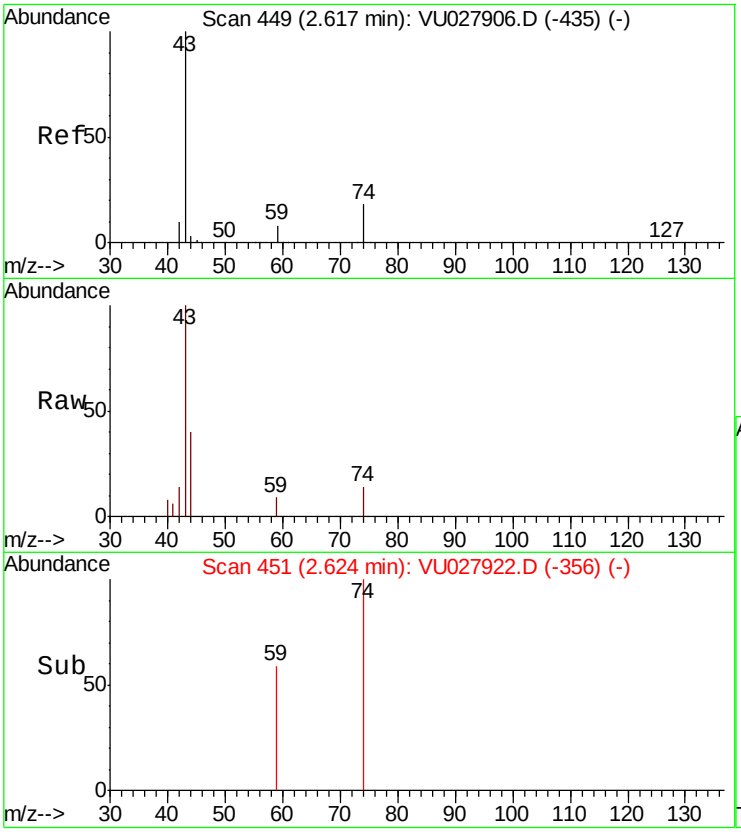


#16
Acetone
Concen: 7.035 ug/l
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 43 Resp: 12331

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.6	37.0



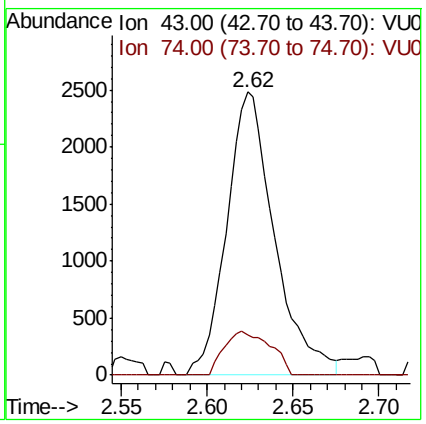


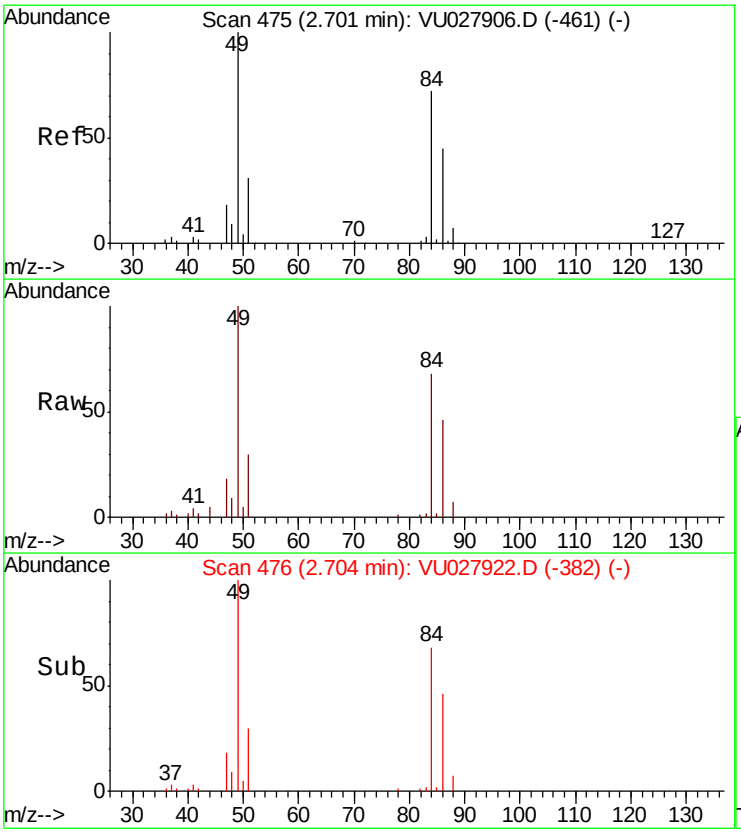
#18
Methyl Acetate
Concen: 1.000 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Tgt Ion: 43 Resp: 4822

Ion	Ratio	Lower	Upper
43	100		
74	15.0	14.9	22.3

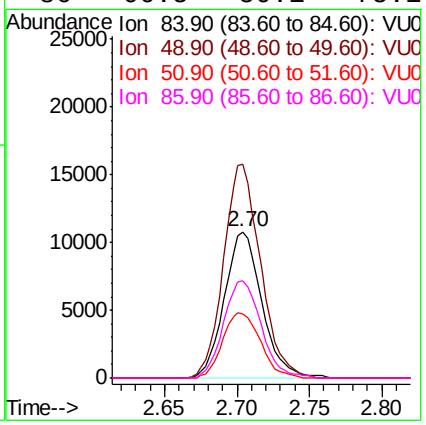


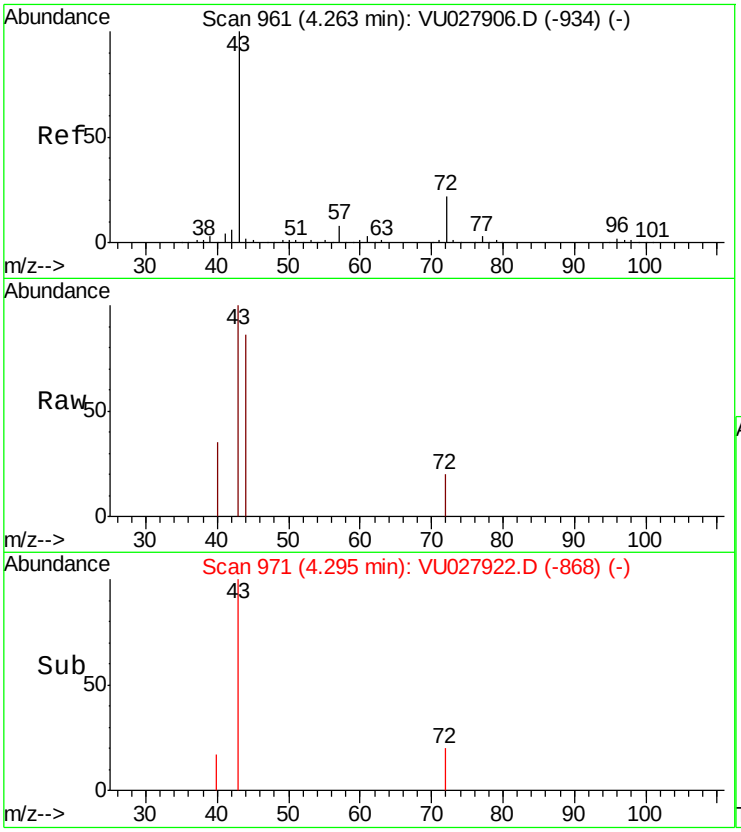


#20
Methylene Chloride
Concen: 7.543 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 84 Resp: 19306

Ion	Ratio	Lower	Upper
84	100		
49	146.1	111.6	167.4
51	44.0	34.8	52.2
86	66.5	50.1	75.1



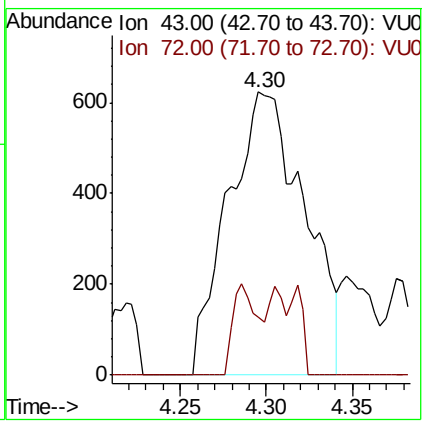


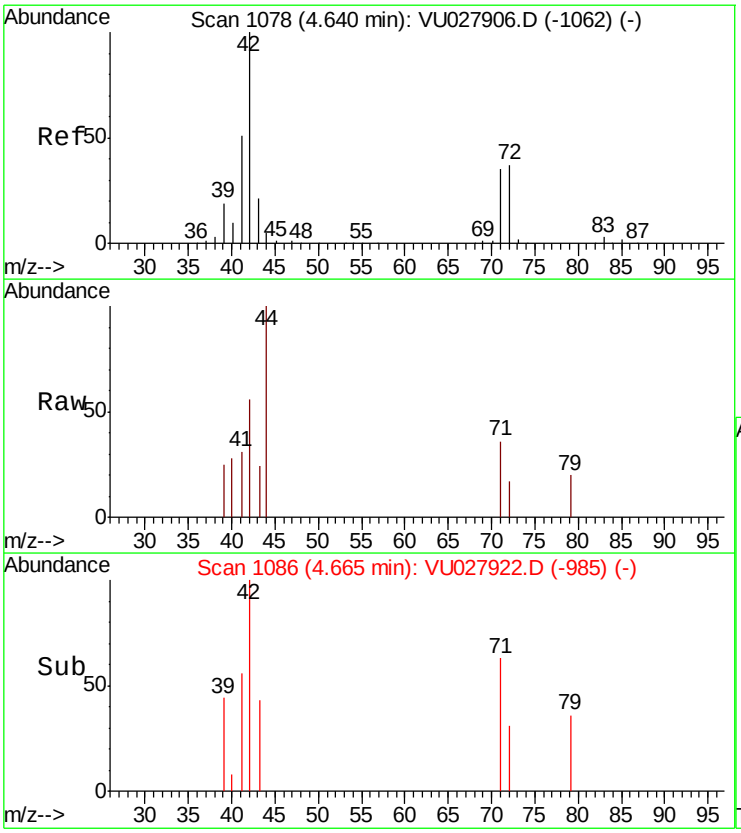
#25
2-Butanone
Concen: 0.694 ug/l
RT: 4.30 min Scan# 971
Delta R.T. 0.03 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
AU-05-103118-A

Tgt Ion: 43 Resp: 1935

Ion	Ratio	Lower	Upper
43	100		
72	20.4	17.7	26.5

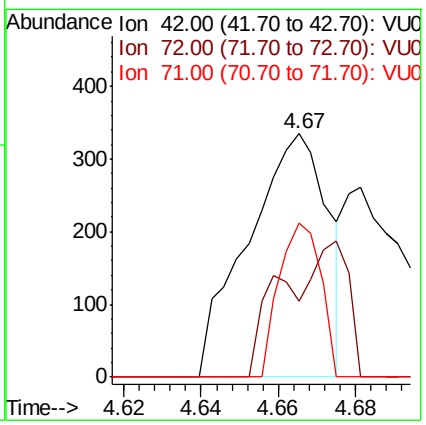


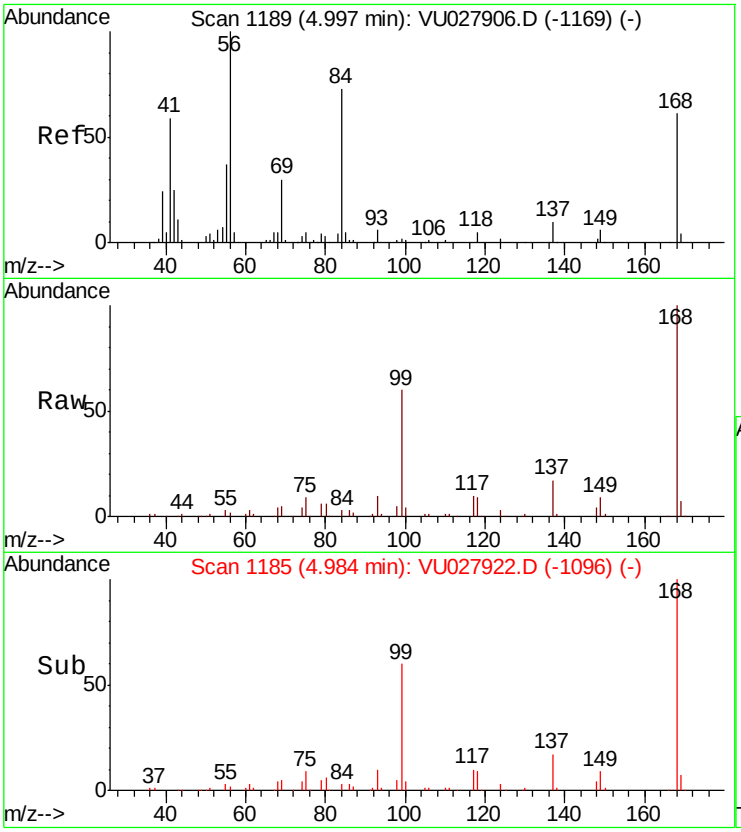


#29
Tetrahydrofuran
Concen: 0.258 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.03 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 42 Resp: 481

Ion	Ratio	Lower	Upper
42	100		
72	19.1	29.4	44.0#
71	32.8	27.9	41.9



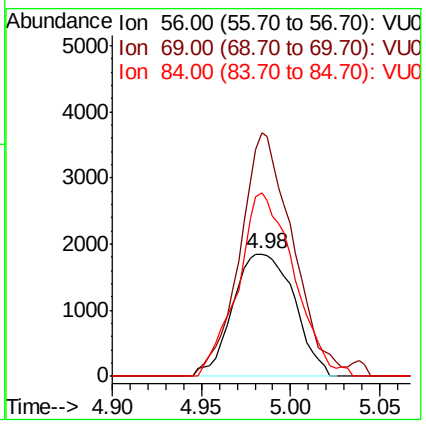


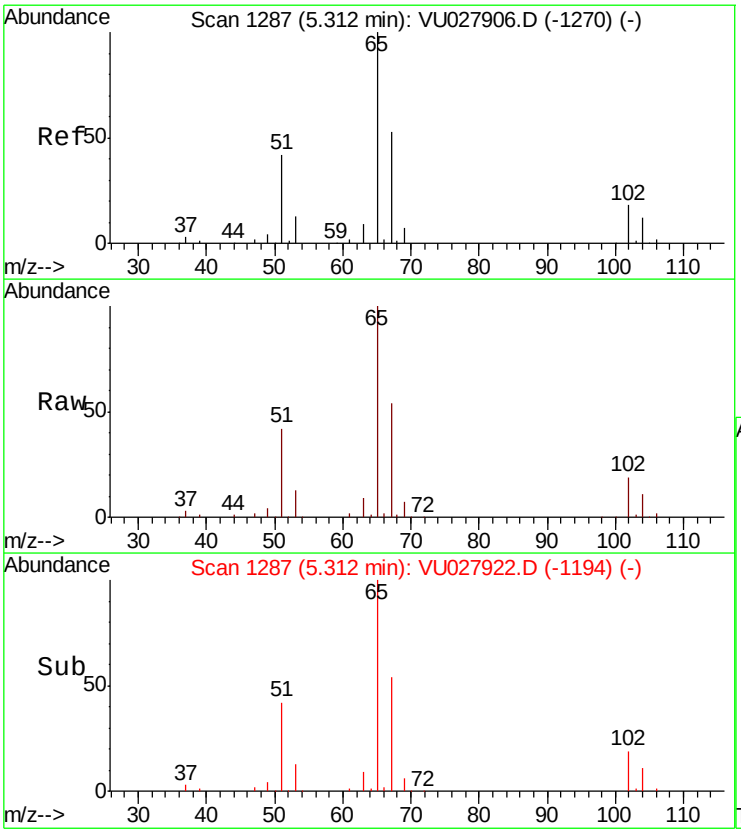
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Tgt Ion: 56 Resp: 4421

Ion	Ratio	Lower	Upper
56	100		
69	199.4	23.7	35.5#
84	149.9	58.2	87.4#

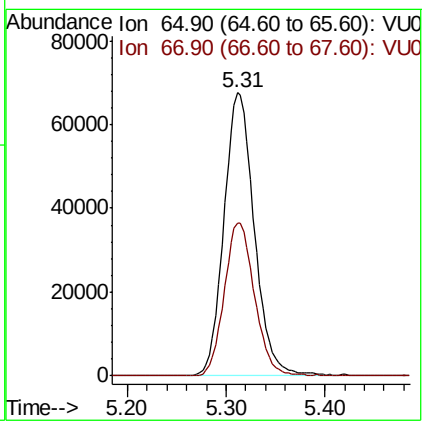


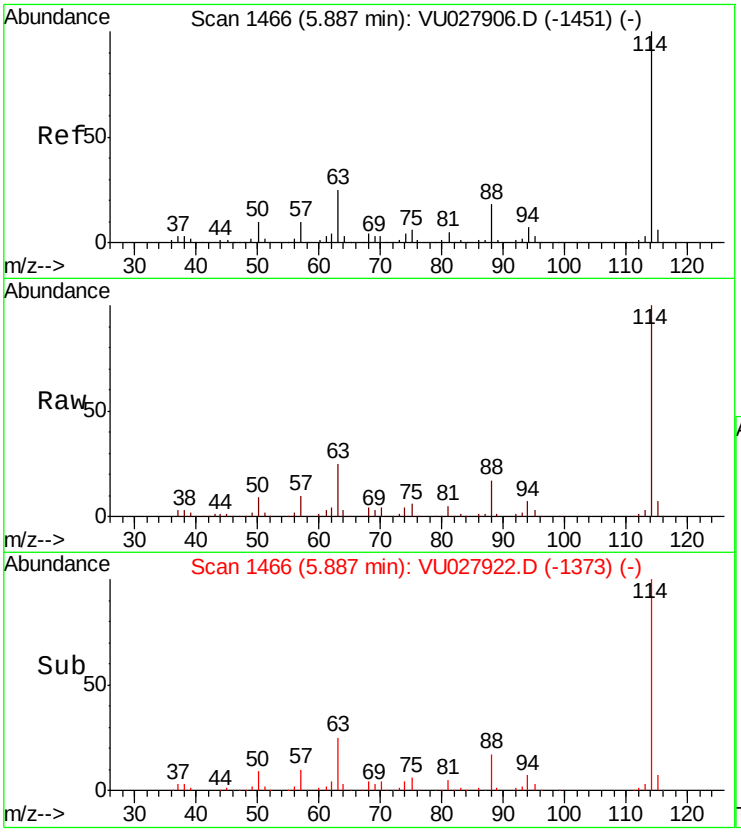


#33
1,2-Dichloroethane-d4
Concen: 51.434 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 65 Resp: 145314

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	109.0



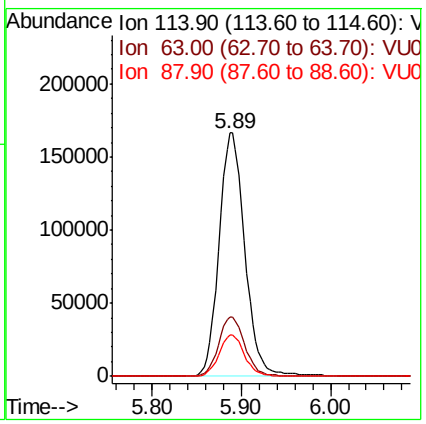


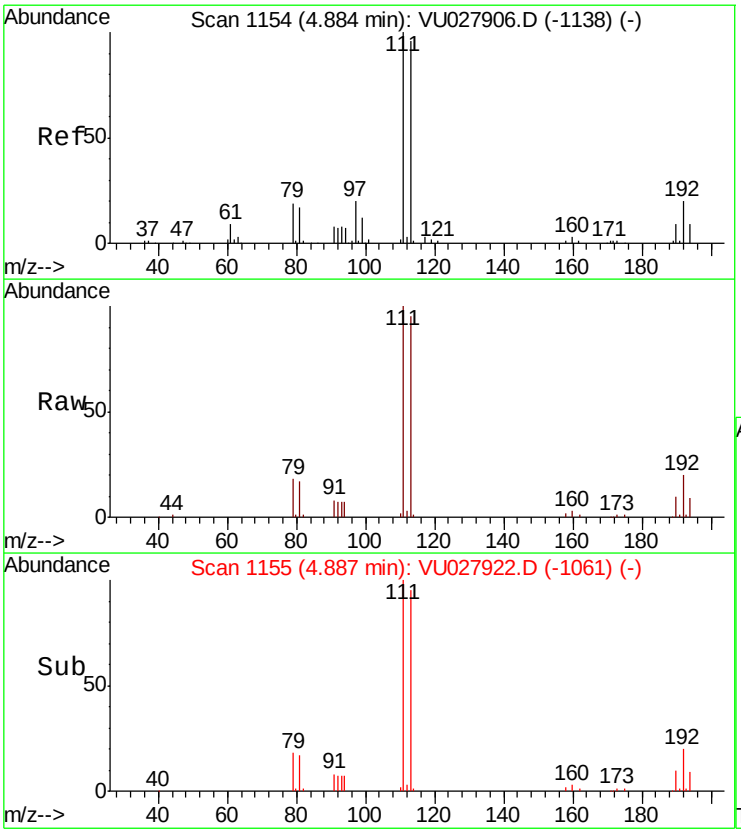
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
AU-05-103118-A

Tgt Ion:114 Resp: 334149

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	50.8
88	17.1	0.0	35.8

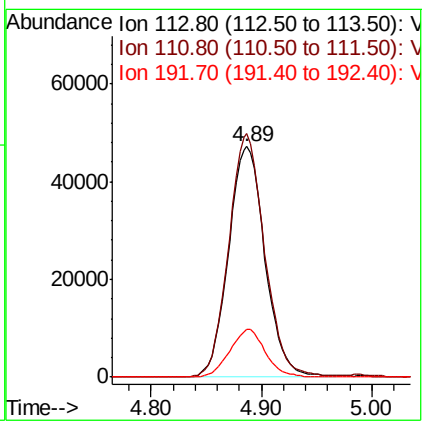


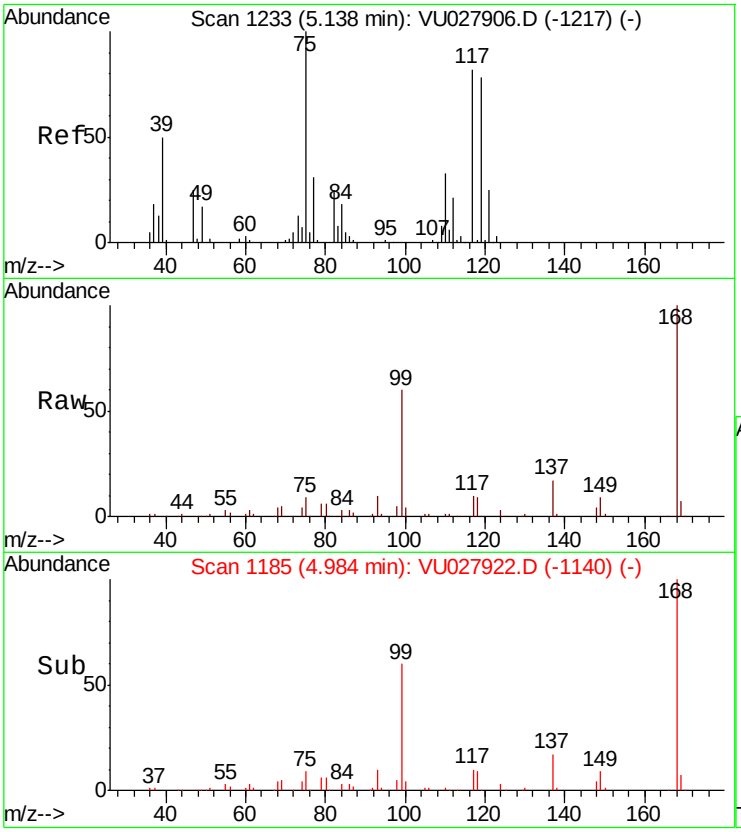


#35
Dibromofluoromethane
Concen: 51.291 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion:113 Resp: 108062

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.6
192	20.1	15.6	23.4



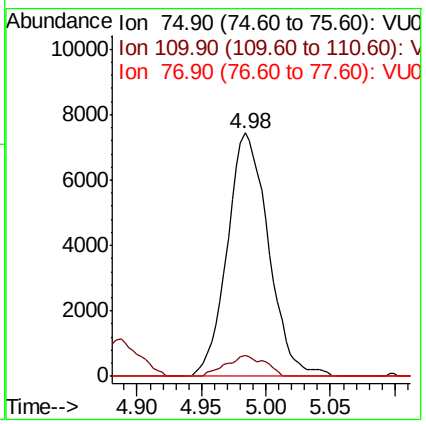


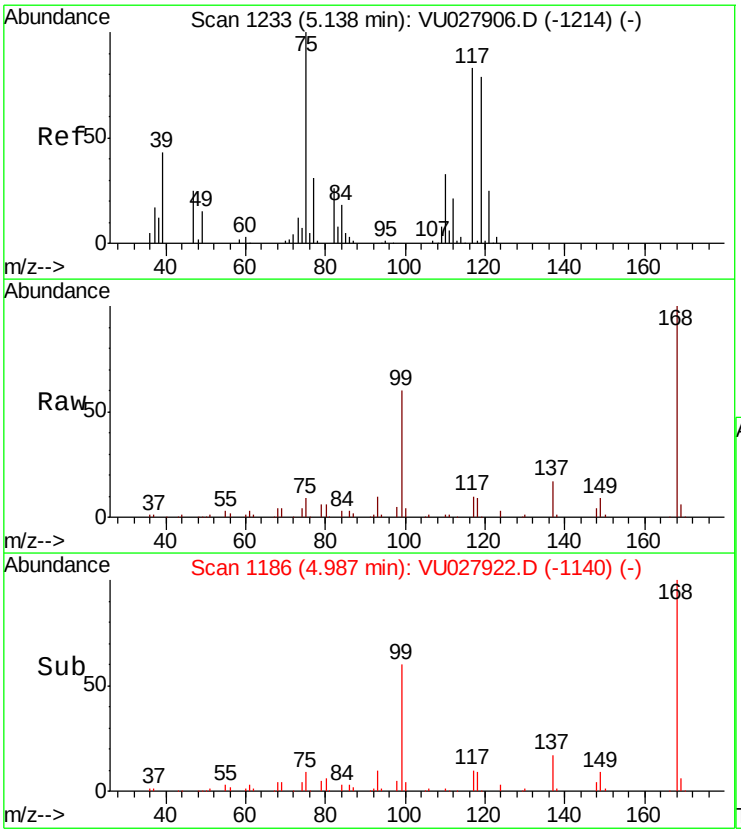
#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
AU-05-103118-A

Tgt Ion: 75 Resp: 16506

Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.5	49.5#
77	0.0	24.9	37.3#

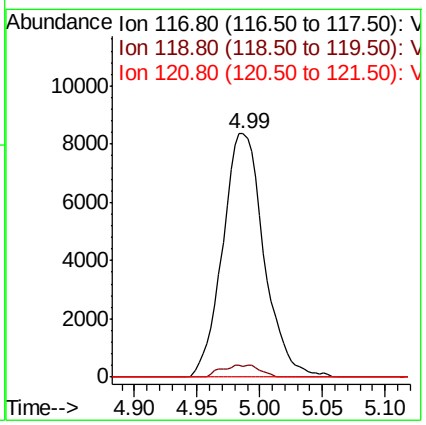


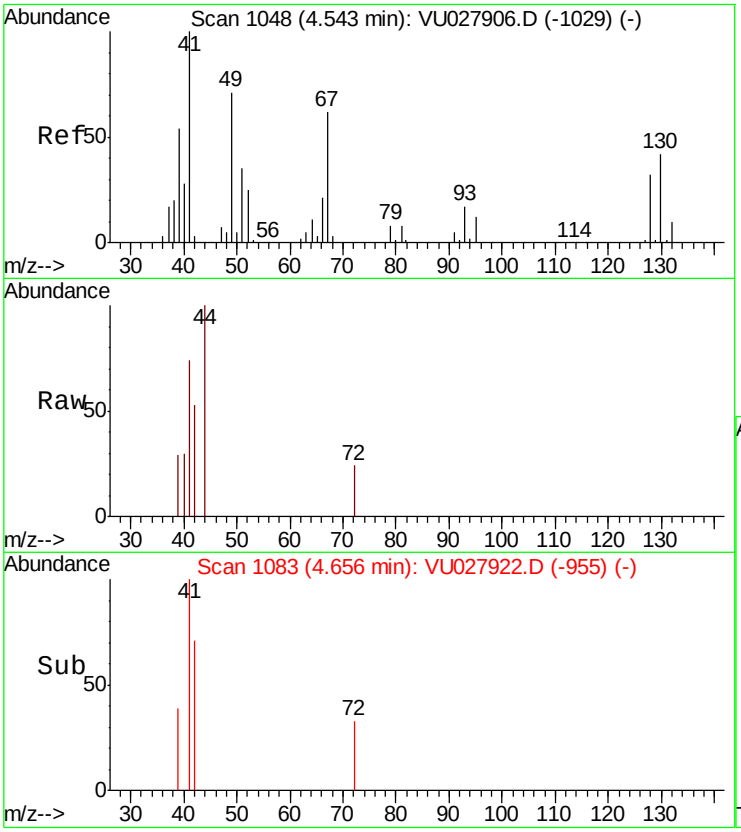


#38
Carbon Tetrachloride
Concen: 6.177 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion:117 Resp: 19156

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.0	114.0#
121	0.0	24.5	36.7#



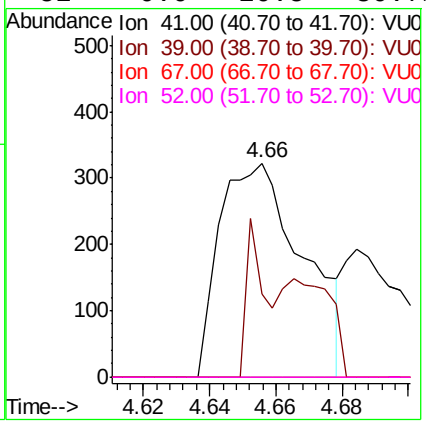


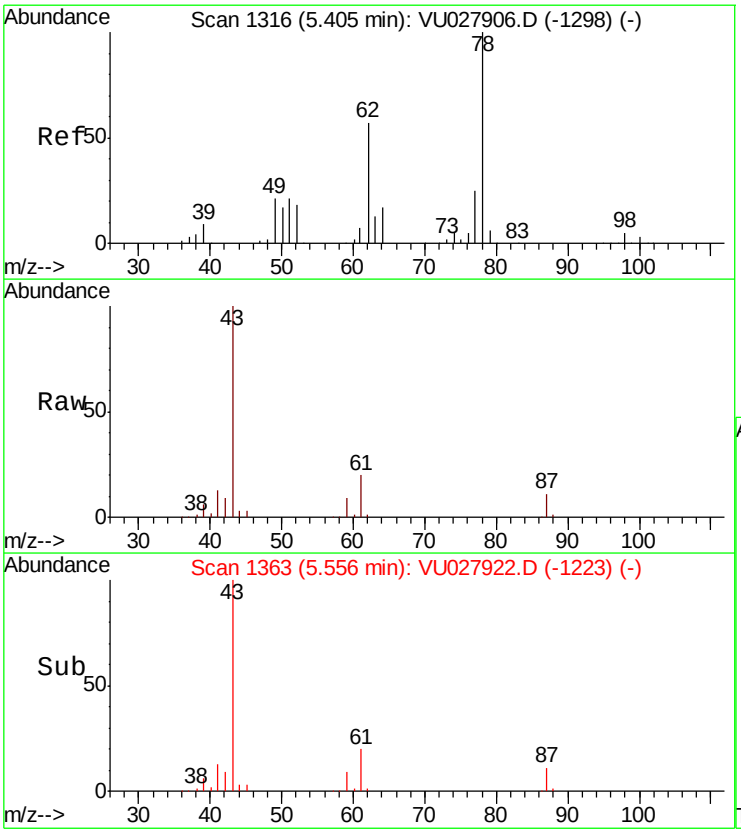
#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.11 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Tgt Ion: 41 Resp: 562

Ion	Ratio	Lower	Upper
41	100		
39	16.0	42.2	63.4#
67	0.0	49.5	74.3#
52	0.0	20.5	30.7#

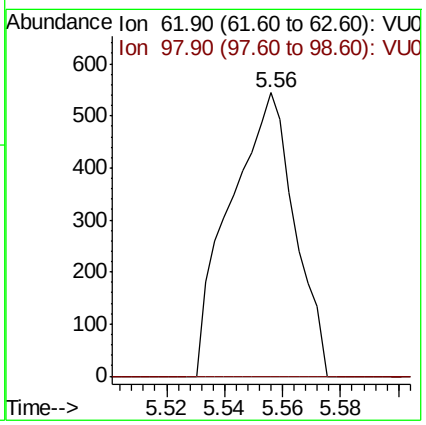


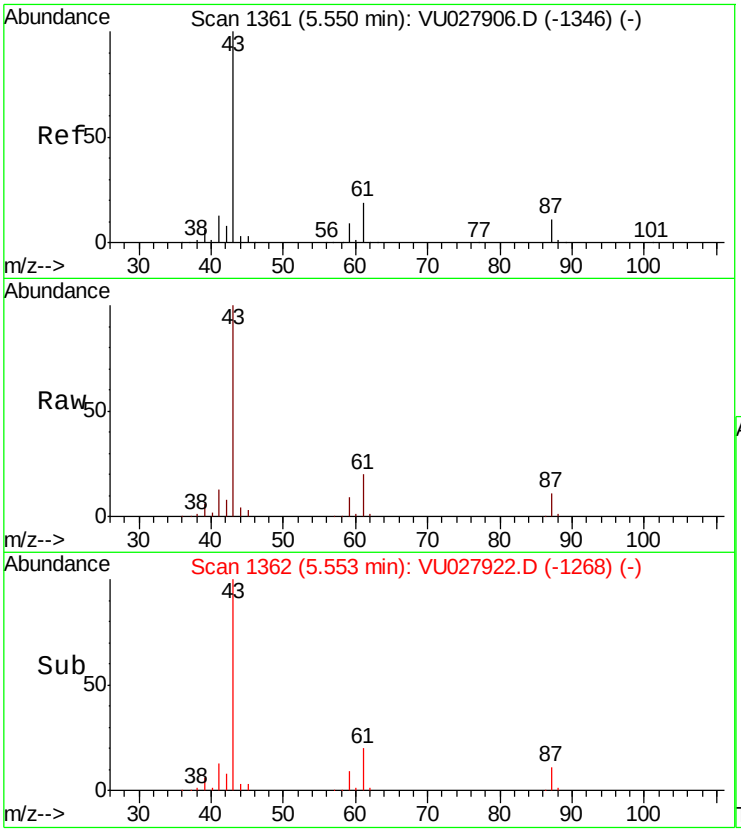


#42
1,2-Dichloroethane
Concen: 0.220 ug/l
RT: 5.56 min Scan# 1363
Delta R.T. 0.15 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 62 Resp: 838

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.2



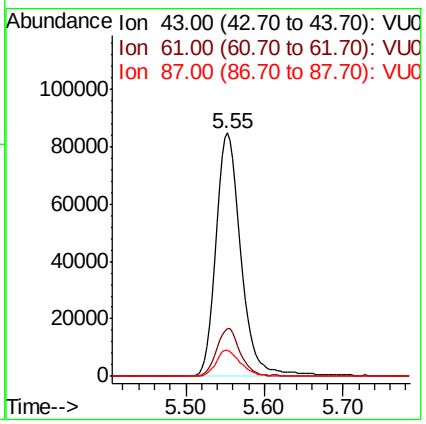


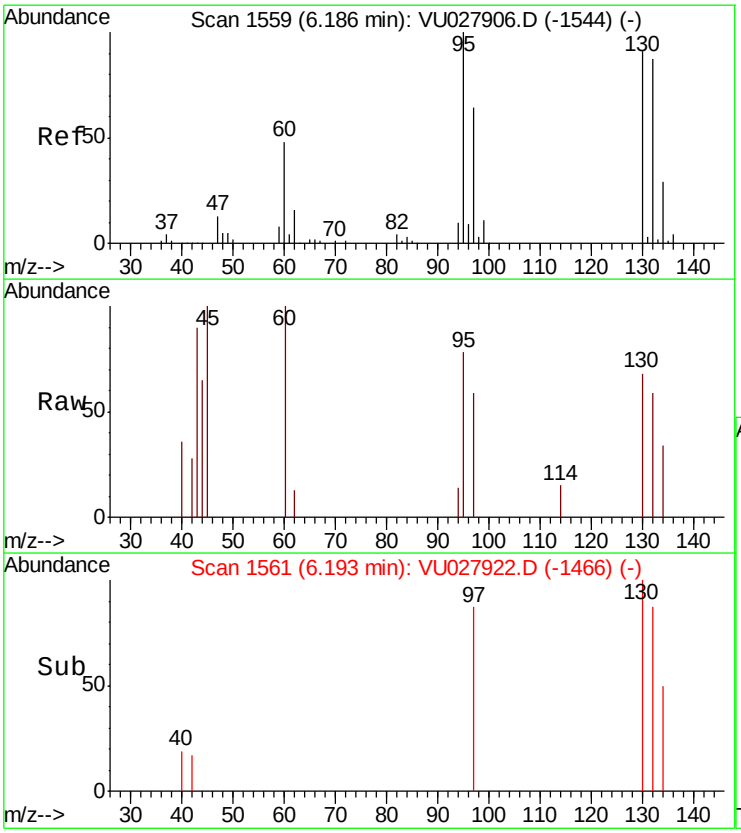
#43
Isopropyl Acetate
Concen: 23.128 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Tgt Ion: 43 Resp: 185800

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.0	22.4
87	10.6	8.6	12.8

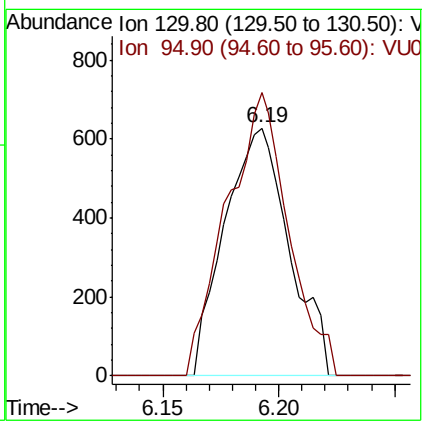


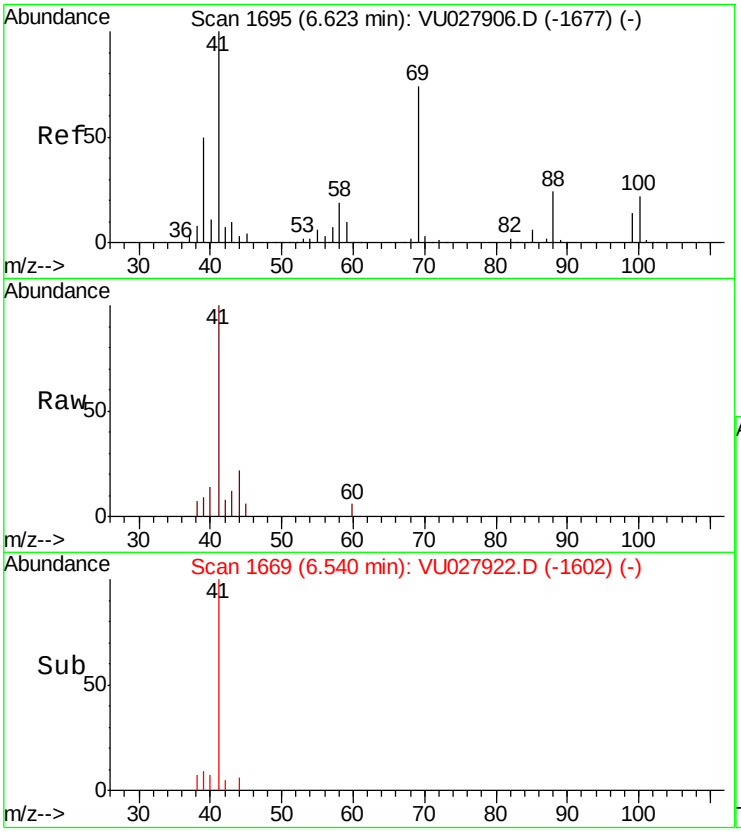


#44
Trichloroethene
Concen: 0.527 ug/l
RT: 6.19 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion:130 Resp: 1211

Ion	Ratio	Lower	Upper
130	100		
95	114.4	0.0	219.2



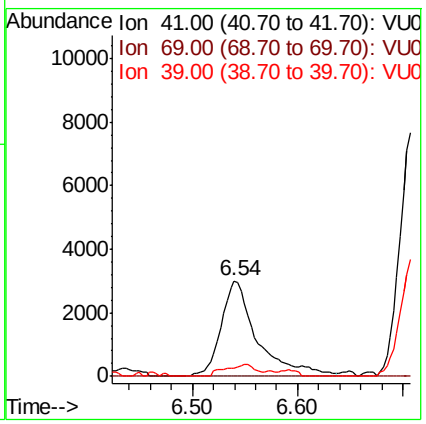


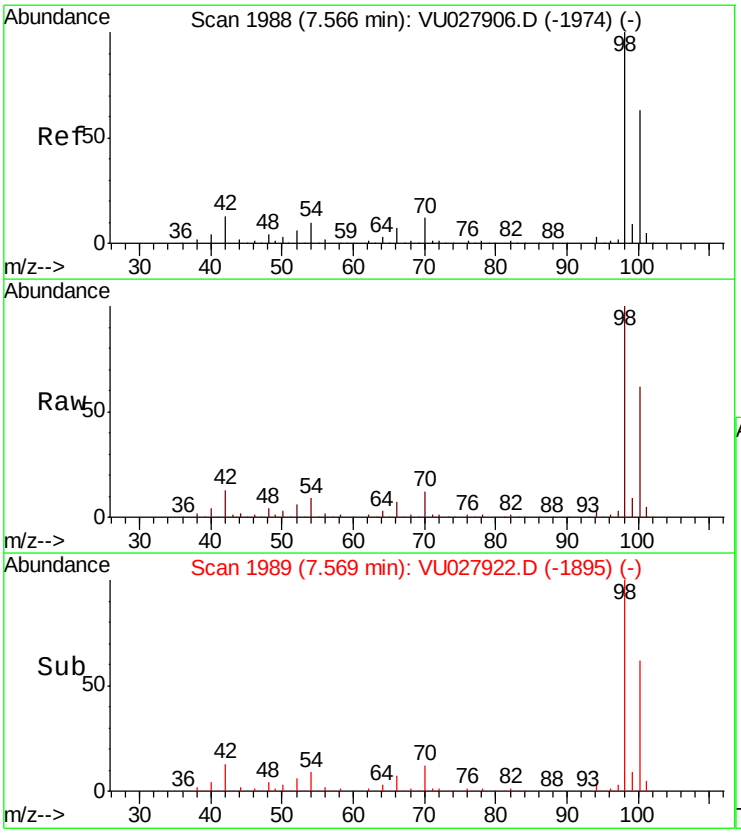
#48
Methyl methacrylate
Concen: 1.813 ug/l
RT: 6.54 min Scan# 1669
Delta R.T. -0.08 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Tgt Ion: 41 Resp: 7136

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.8	89.8#
39	10.6	40.0	60.0#

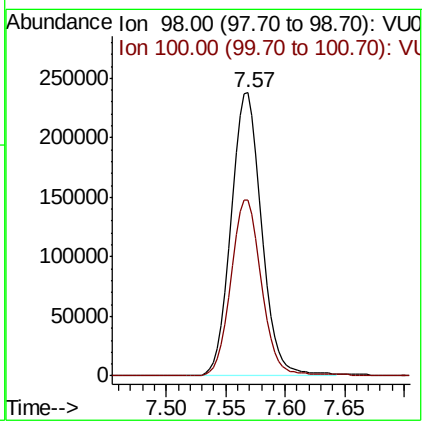


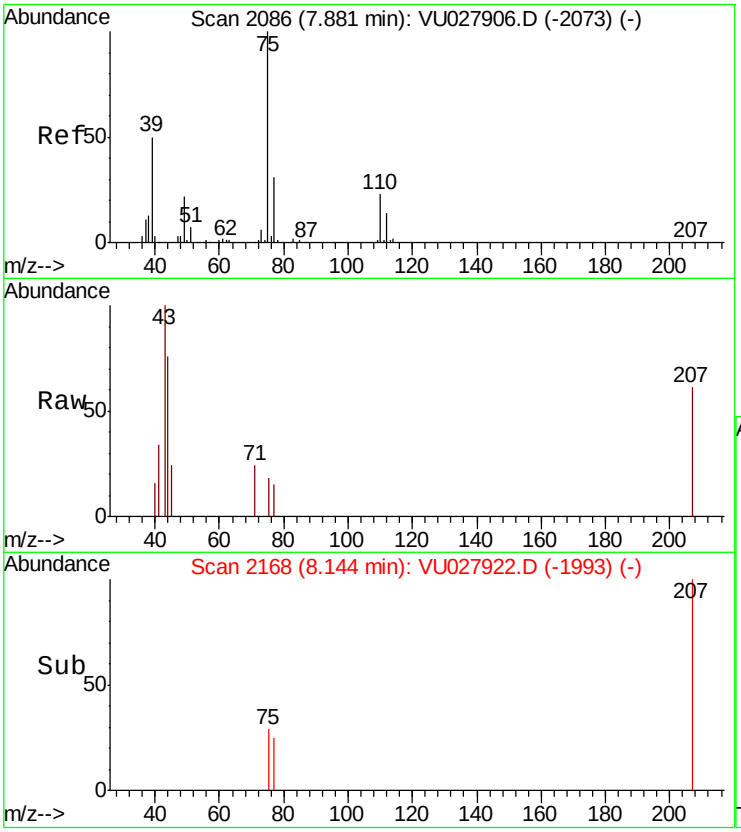


#50
Toluene-d8
Concen: 52.112 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 98 Resp: 424120

Ion	Ratio	Lower	Upper
98	100		
100	61.9	50.1	75.1



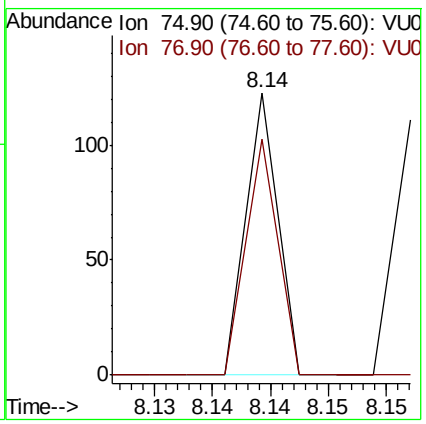


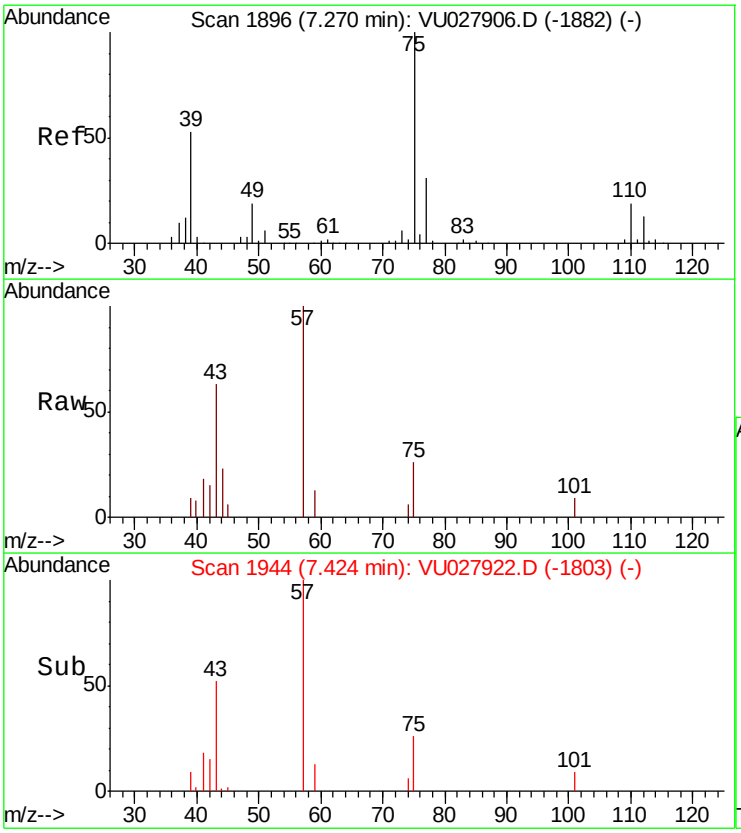
#53
t-1,3-Dichloropropene
Concen: 1.124 ug/l
RT: 8.14 min Scan# 2168
Delta R.T. 0.26 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
AU-05-103118-A

Tgt Ion: 75 Resp: 24

Ion	Ratio	Lower	Upper
75	100		
77	83.7	25.1	37.7#

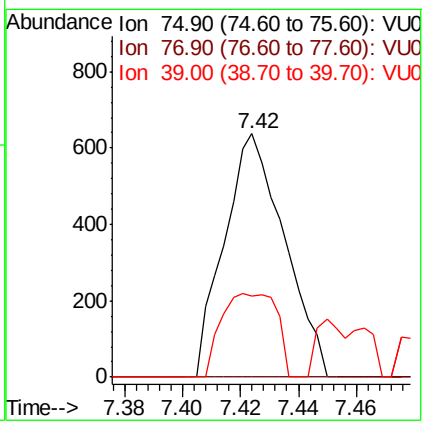


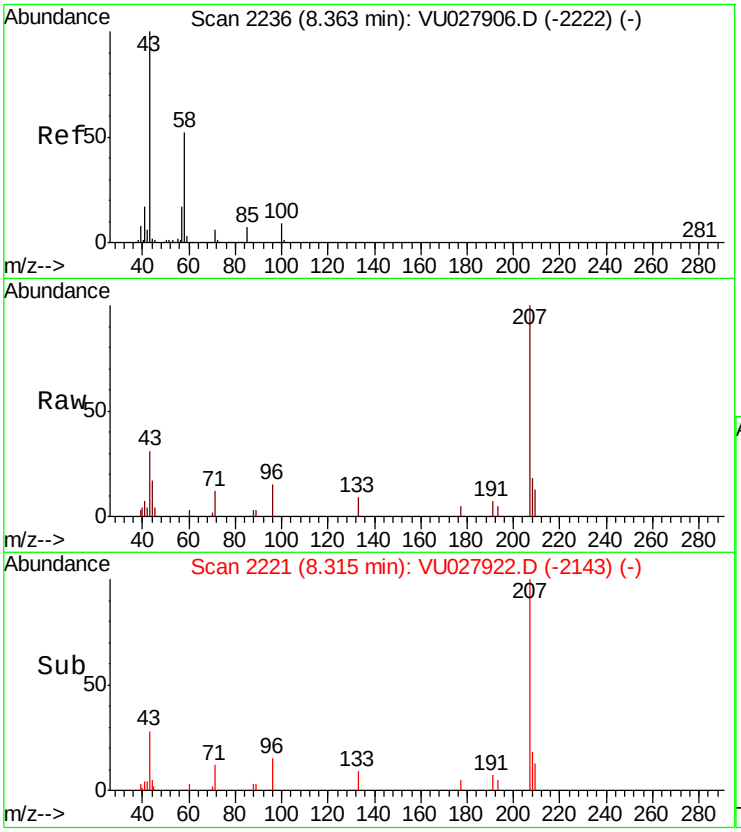


#54
cis-1,3-Dichloropropene
Concen: 0.217 ug/l
RT: 7.42 min Scan# 1944
Delta R.T. 0.15 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 75 Resp: 916

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#
39	33.2	42.6	64.0#



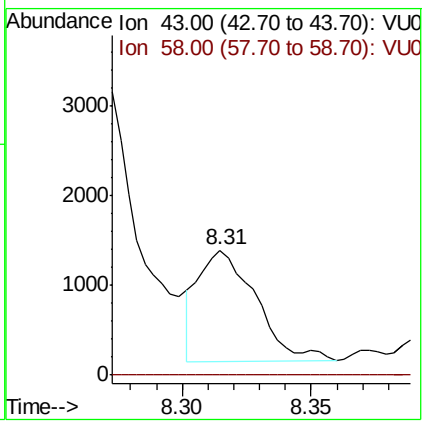


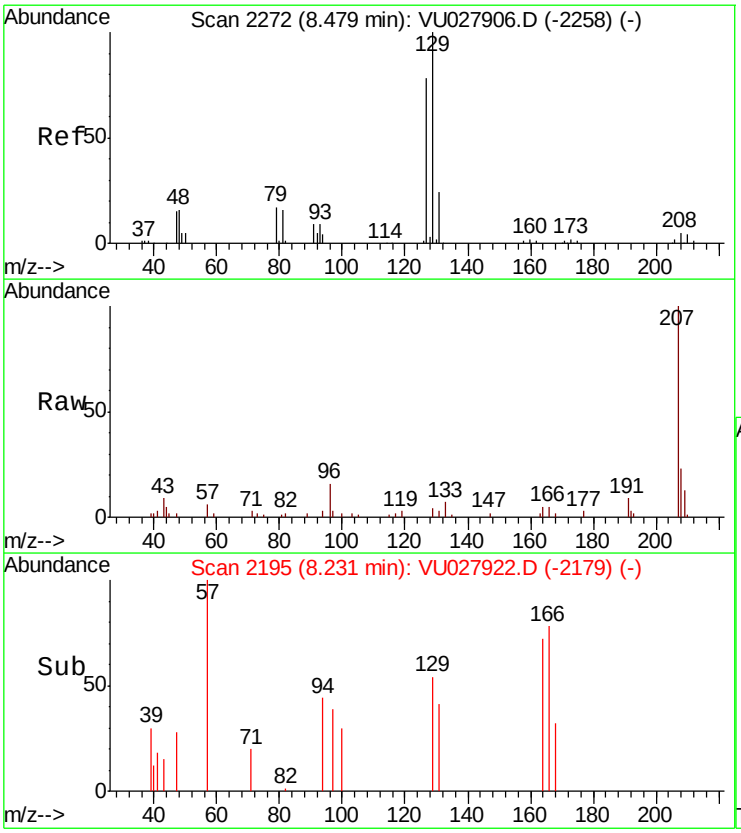
#59
2-Hexanone
Concen: 0.464 ug/l
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Tgt Ion: 43 Resp: 1927

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.8	77.3#

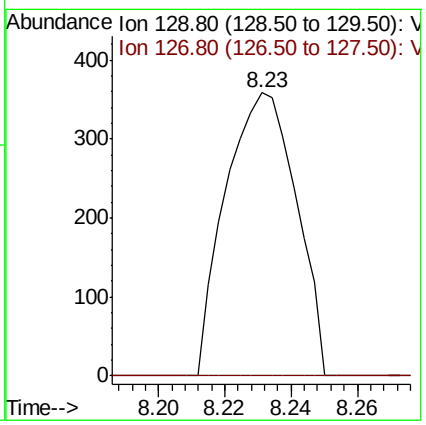


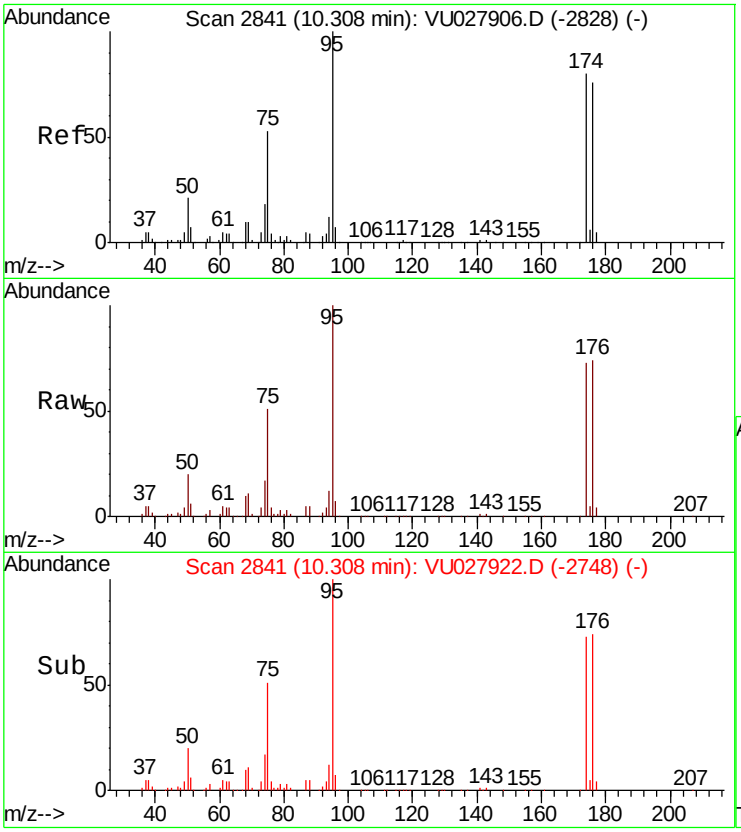


#60
Dibromochloromethane
Concen: 0.219 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion:129 Resp: 530

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.2	117.6#



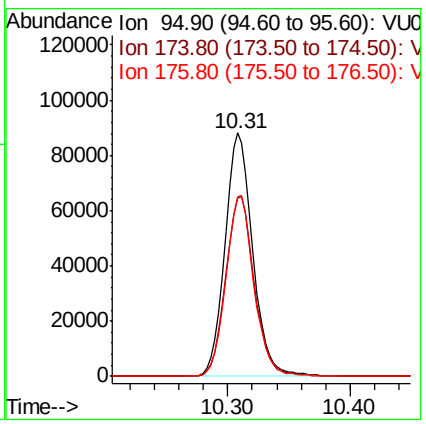


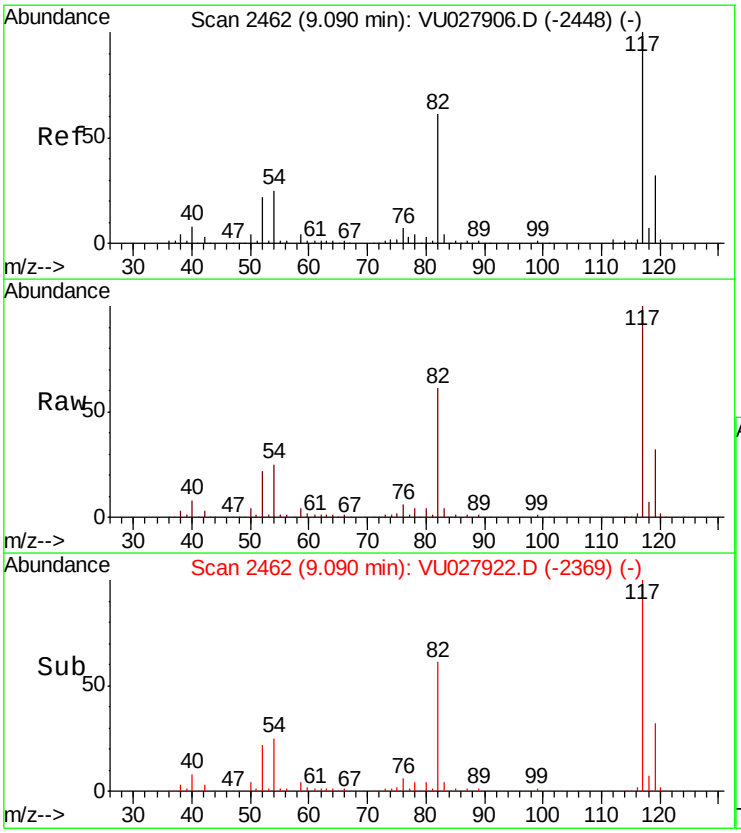
#62
4-Bromofluorobenzene
Concen: 46.874 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
AU-05-103118-A

Tgt Ion: 95 Resp: 140711

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	156.4
176	74.8	0.0	150.8

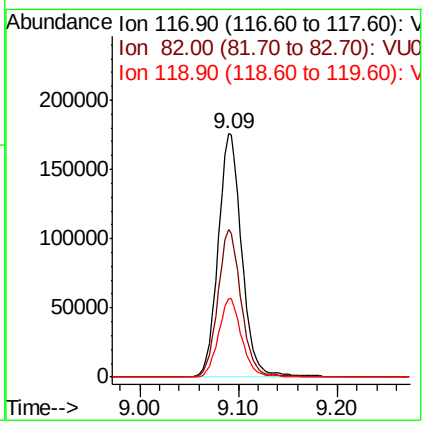


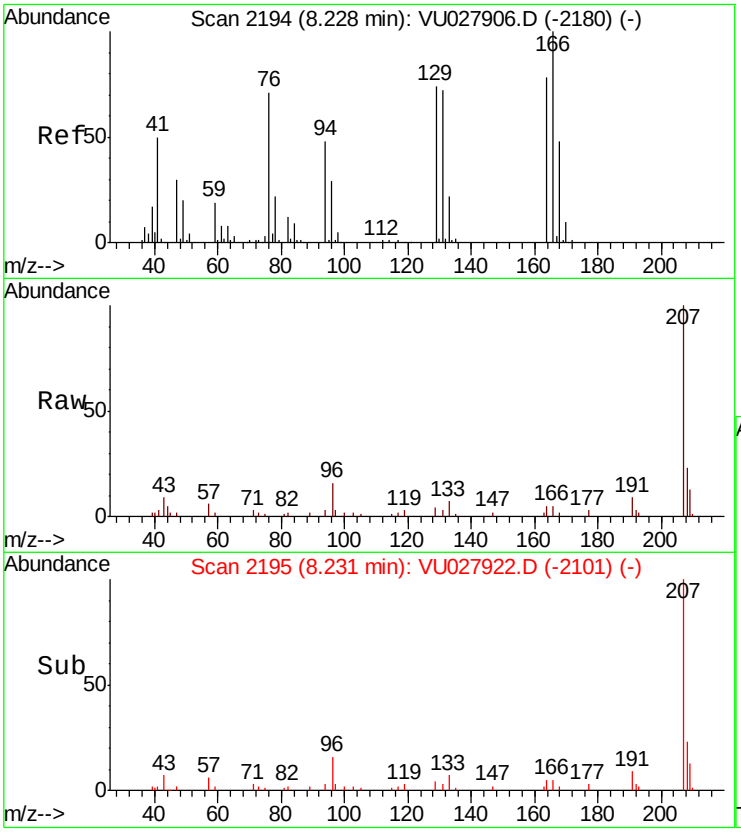


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion:117 Resp: 295538

Ion	Ratio	Lower	Upper
117	100		
82	60.6	48.6	73.0
119	32.4	25.8	38.8



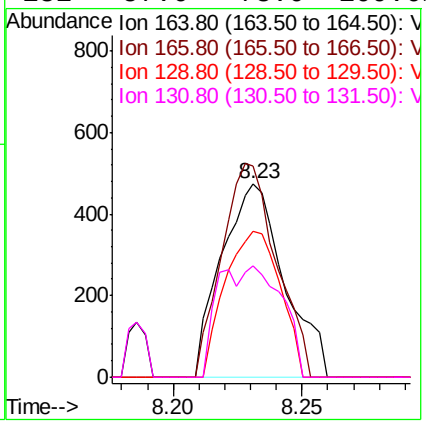


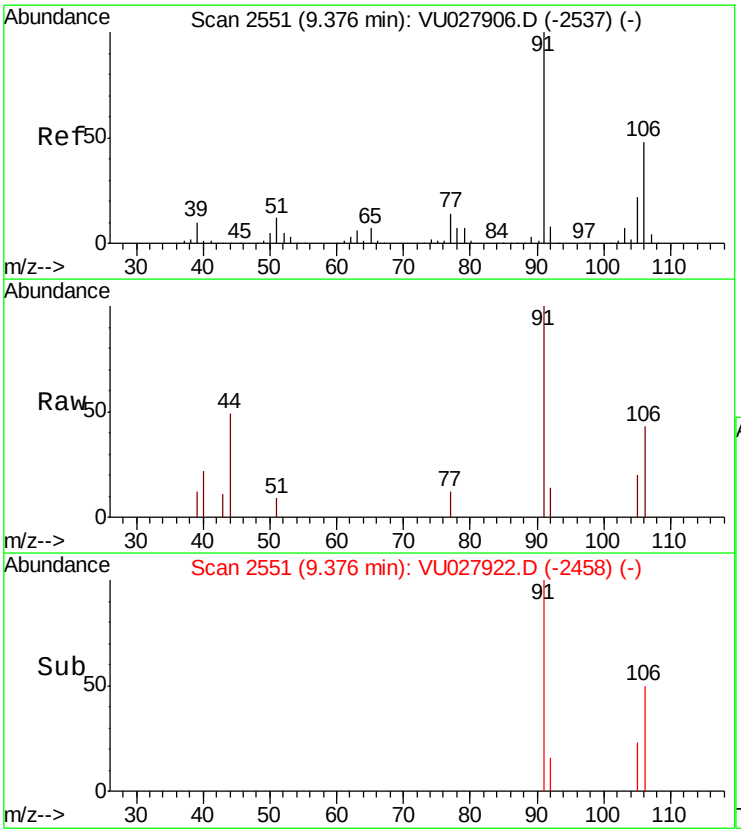
#64
Tetrachloroethene
Concen: 0.419 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Tgt Ion:164 Resp: 803

Ion	Ratio	Lower	Upper
164	100		
166	109.1	102.1	153.1
129	75.5	75.9	113.9#
131	57.6	73.0	109.6#

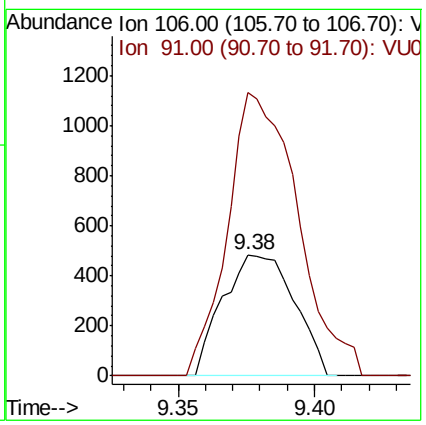


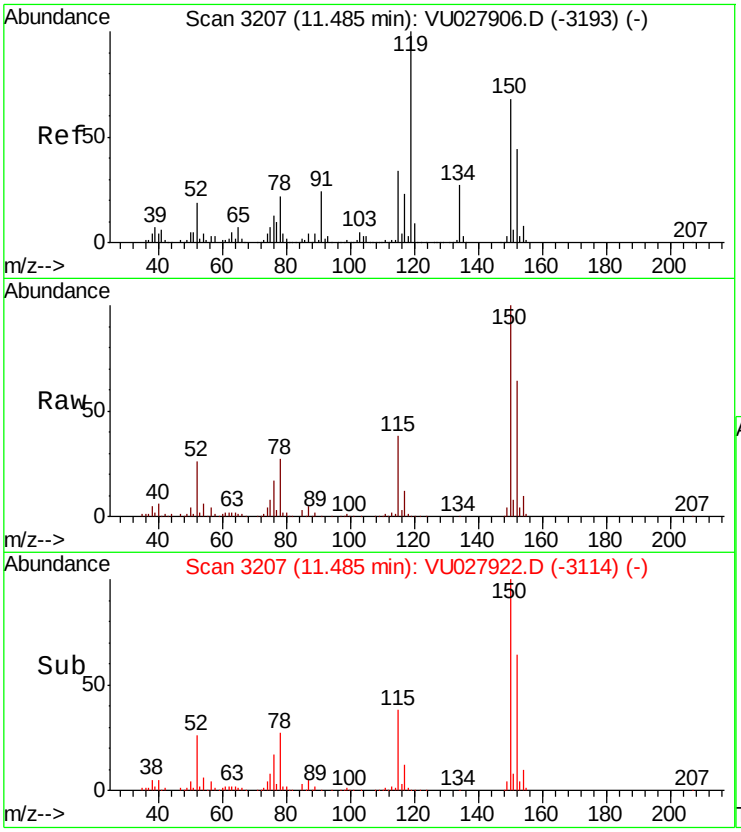


#68
m/p-Xylenes
Concen: 0.212 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion:106 Resp: 882

Ion	Ratio	Lower	Upper
106	100		
91	230.2	168.2	252.4



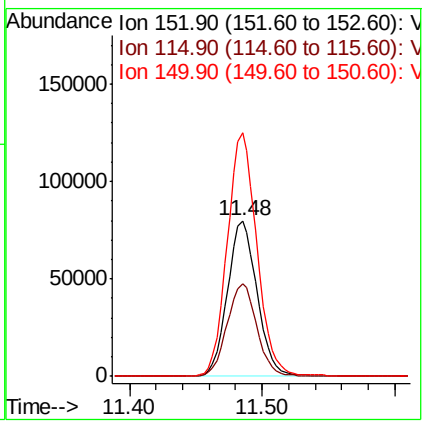


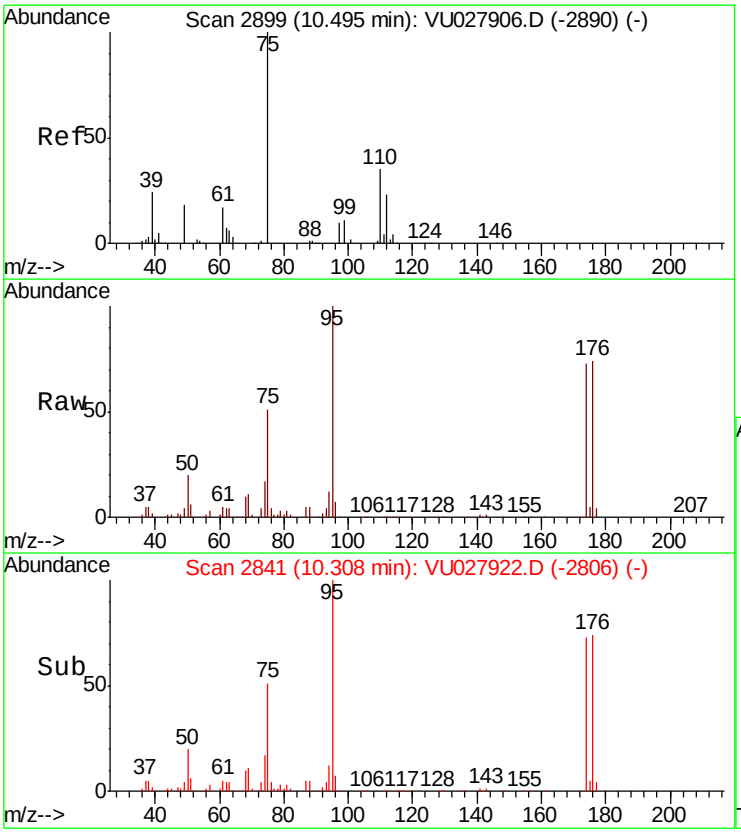
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
AU-05-103118-A

Tgt Ion:152 Resp: 123847

Ion	Ratio	Lower	Upper
152	100		
115	59.6	43.0	129.0
150	156.7	0.0	349.4

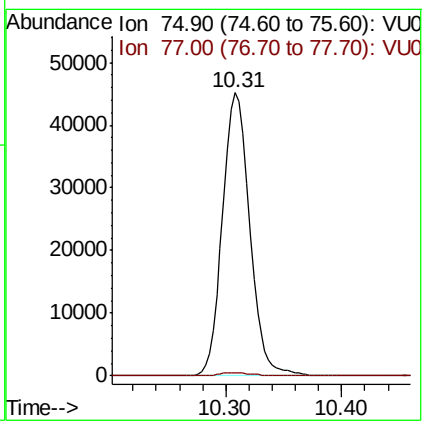


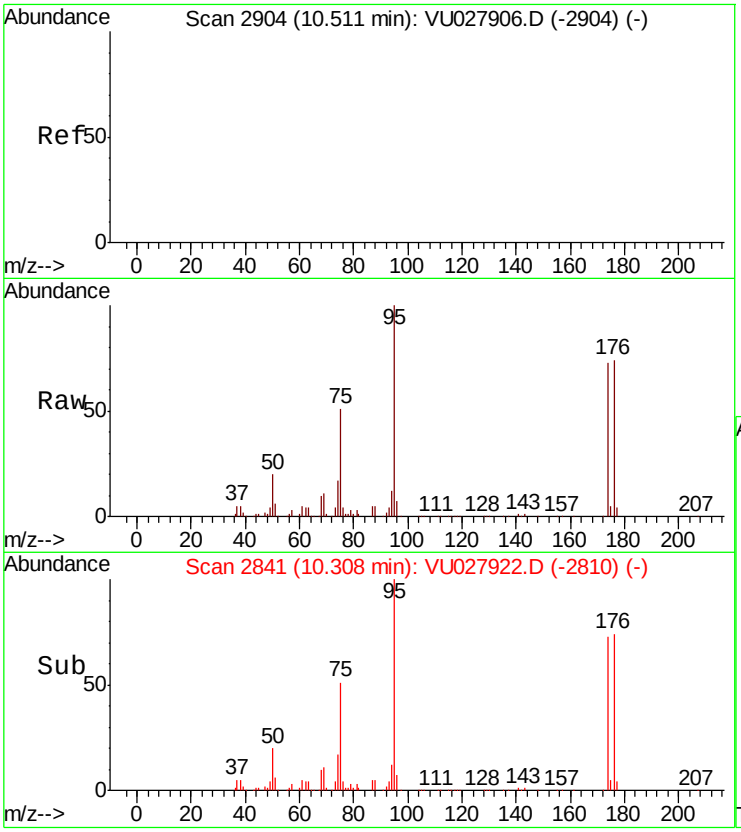


#76
1,2,3-Trichloropropane
Concen: 21.689 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 75 Resp: 73473

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.6	64.6#



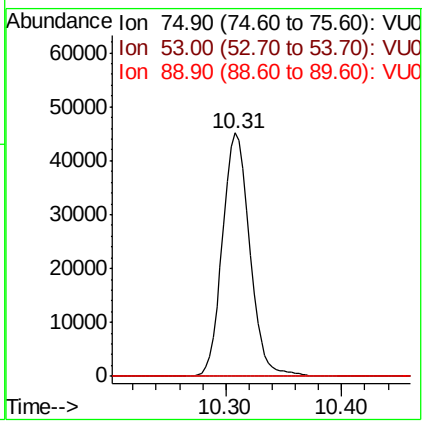


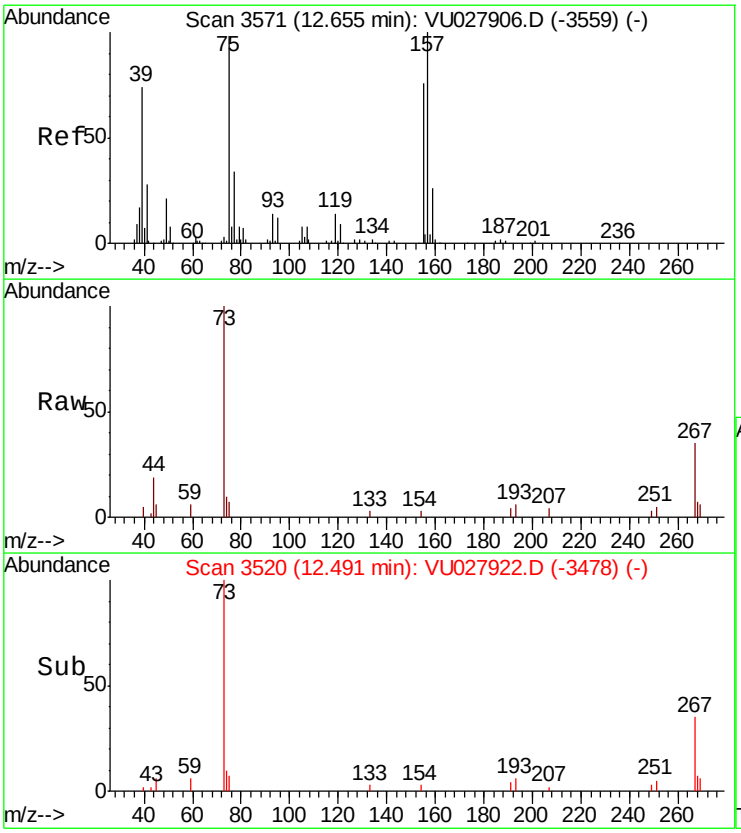
#81
trans-1,4-Dichloro-2-butene
Concen: 54.131 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument :
MSVOA_U
ClientSampleId :
AU-05-103118-A

Tgt Ion: 75 Resp: 73473

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

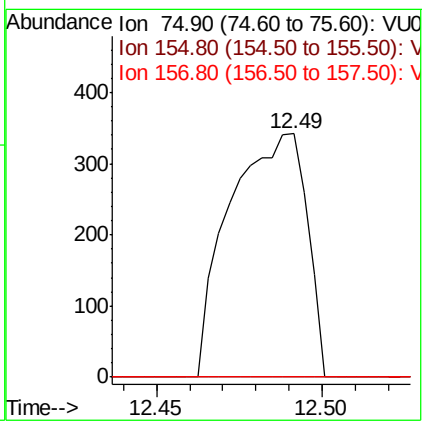


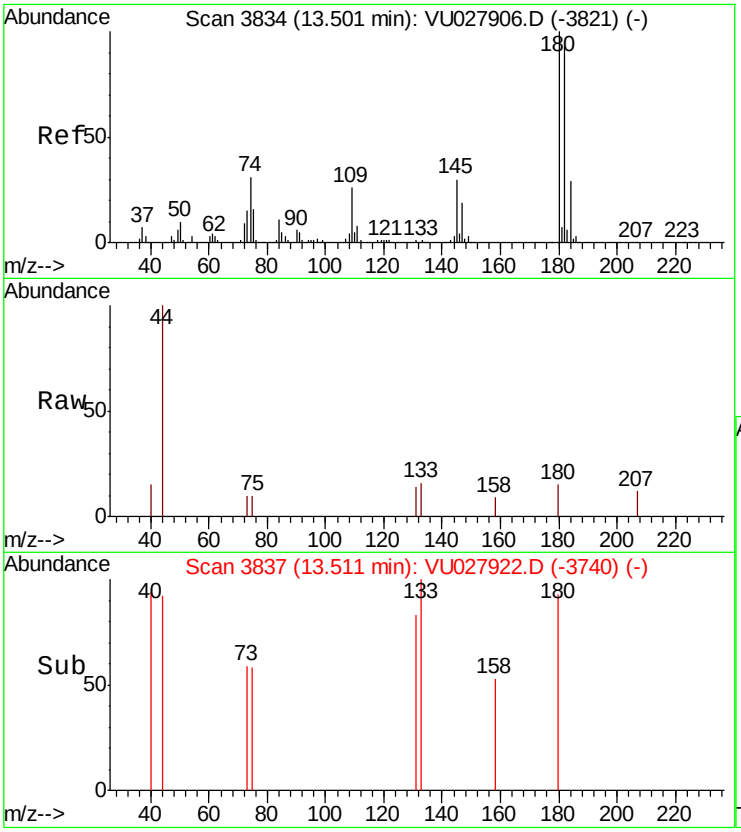


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.678 ug/l
RT: 12.49 min Scan# 3520
Delta R.T. -0.16 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion: 75 Resp: 553

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.8	119.3#
157	0.0	50.6	151.9#



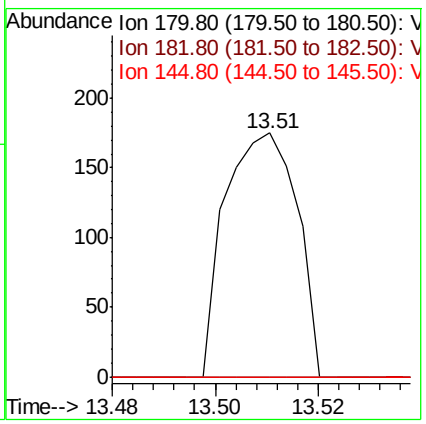


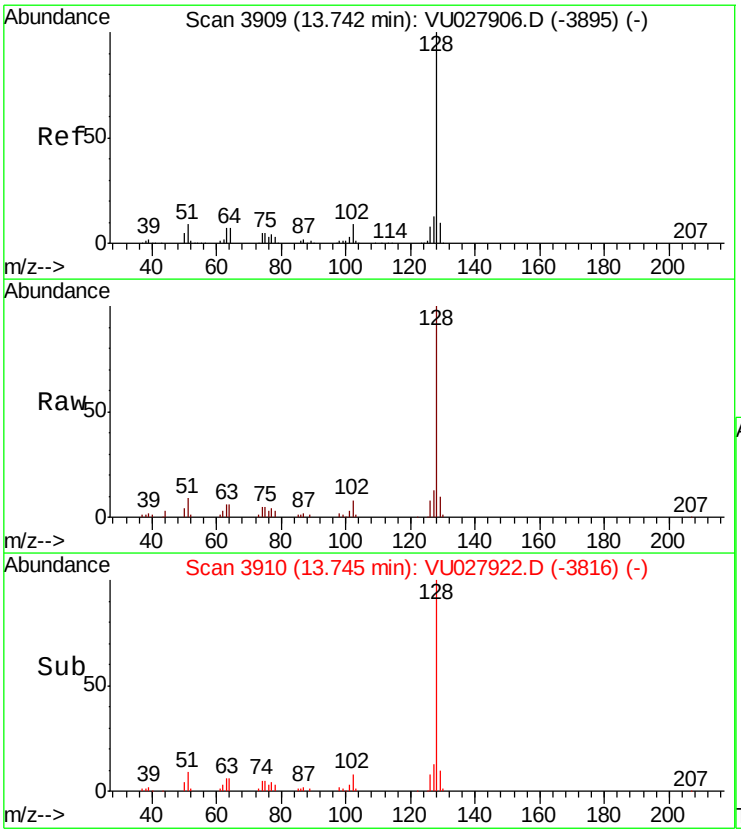
#93
1,2,4-Trichlorobenzene
Concen: 0.742 ug/l
RT: 13.51 min Scan# 3837
Delta R.T. 0.01 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Instrument : MSVOA_U
ClientSampleId : AU-05-103118-A

Tgt Ion:180 Resp: 168

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.4	145.2#
145	0.0	14.9	44.5#





#95
Naphthalene
Concen: 6.879 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027922.D
Acq: 02 Nov 2018 13:40

Tgt Ion:128 Resp: 71476

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.5	8.3	12.5