Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
Data File : VU034338.D
Acq On : 06 Sep 2019 18:07
Operator : JC/SP
Sample : K4668-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Sep 06 18:45:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.96	168	306444	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.86	114	469083	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.07	117	468727	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	283834	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.29	65	240695	51.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.82%				
35) Dibromofluoromethane	4.86	113	212527	48.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.38%				
50) Toluene-d8	7.55	98	813720	49.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.24%				
62) 4-Bromofluorobenzene	10.29	95	295070	46.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.20%				
Target Compounds							Qvalue
5) Bromomethane	1.63	94	526	Below Cal			89
6) Chloroethane	1.65	64	127	Below Cal	#		43
11) Tert butyl alcohol	2.82	59	730	0.745	ug/l	#	73
13) Acrolein	2.19	56	184	0.223	ug/l	#	75
16) Acetone	2.31	43	17022	7.094	ug/l		100
18) Methyl Acetate	2.61	43	4137	0.709	ug/l		91
20) Methylene Chloride	2.69	84	27428	6.632	ug/l		94
30) Chloroform	4.66	83	2614	0.346	ug/l	#	81
31) Cyclohexane	4.96	56	4890	0.900	ug/l	#	1
36) 1,1-Dichloropropene	4.96	75	20778	4.084	ug/l	#	48
38) Carbon Tetrachloride	4.96	117	27498	5.062	ug/l	#	16
43) Isopropyl Acetate	5.53	43	93344	9.948	ug/l		99
48) Methyl methacrylate	6.68	41	145475	32.643	ug/l	#	36
49) 1,4-Dioxane	6.68	88	128	1.315	ug/l	#	1
51) 4-Methyl-2-Pentanone	7.40	43	78834	12.138	ug/l	#	46
54) cis-1,3-Dichloropropene	7.40	75	43070	6.105	ug/l	#	61
56) Ethyl methacrylate	7.92	69	174	3.100	ug/l	#	28
57) 1,3-Dichloropropane	8.40	76	7346	0.965	ug/l	#	43
59) 2-Hexanone	8.29	43	95049	19.590	ug/l	#	22
74) N-amyl acetate	9.92	43	3296	0.443	ug/l	#	43
76) 1,2,3-Trichloropropane	10.29	75	137235	22.150	ug/l	#	36
80) 1,3,5-Trimethylbenzene	10.76	105	3581	0.232	ug/l		98
81) trans-1,4-Dichloro-2-buten	10.29	75	137235	74.490	ug/l	#	100
84) 1,2,4-Trimethylbenzene	11.13	105	4693	0.302	ug/l		88
93) 1,2,4-Trichlorobenzene	13.50	180	209	3.481	ug/l	#	74
95) Naphthalene	13.73	128	83933	8.051	ug/l		97

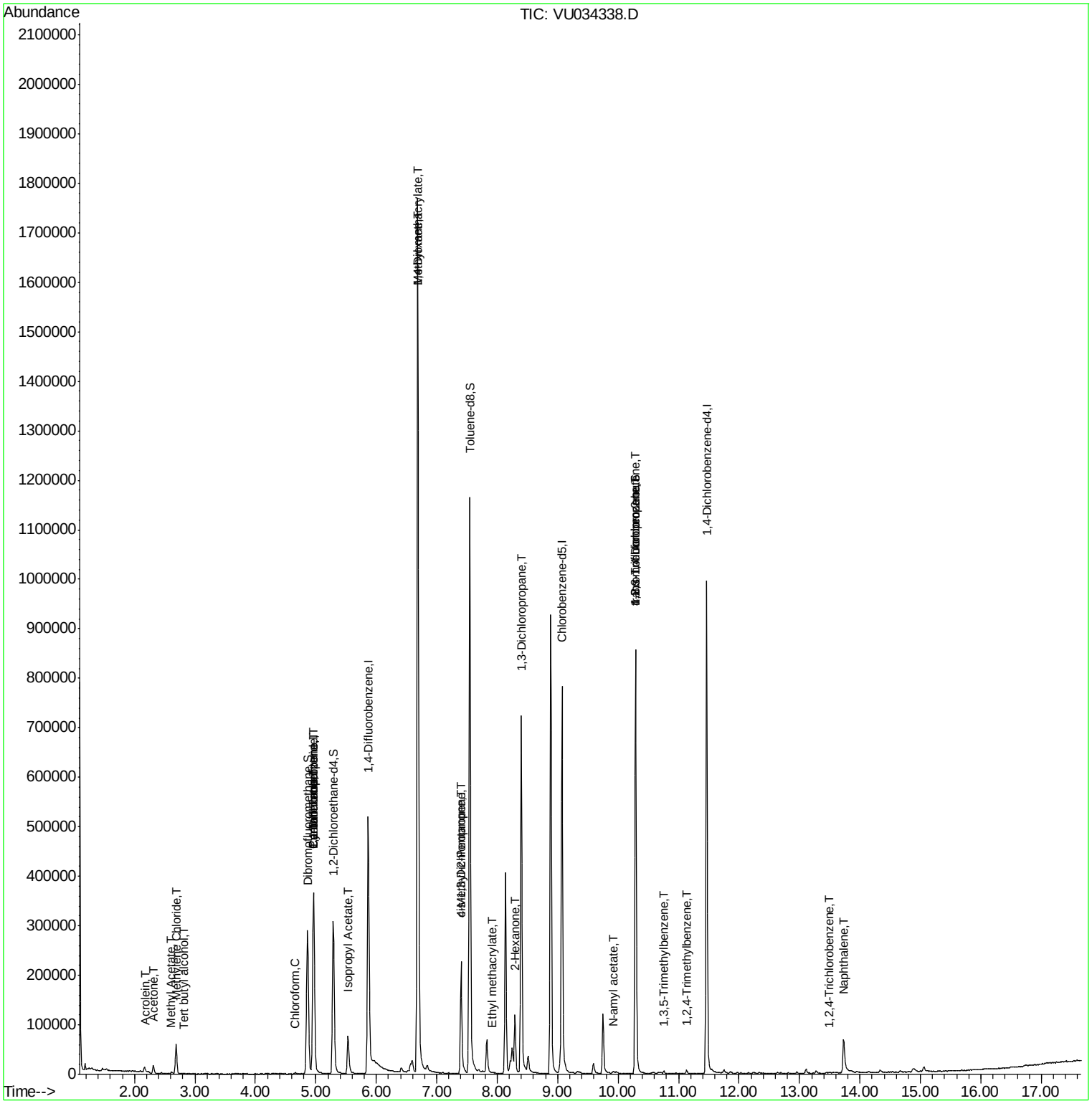
(#) = qualifier out of range (m) = manual integration (+) = signals summed

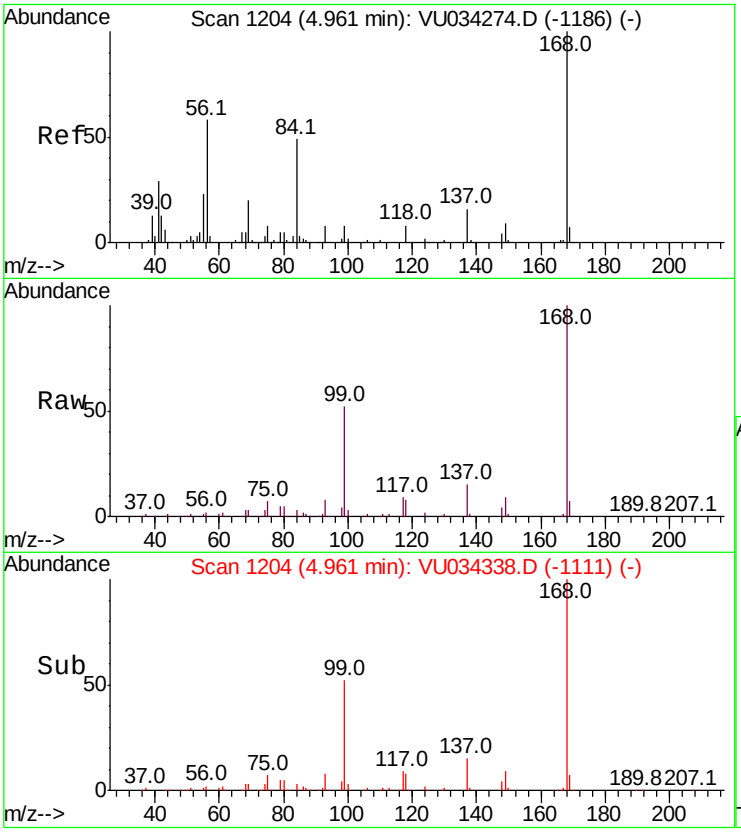
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
Data File : VU034338.D
Acq On : 06 Sep 2019 18:07
Operator : JC/SP
Sample : K4668-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 06 18:45:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration



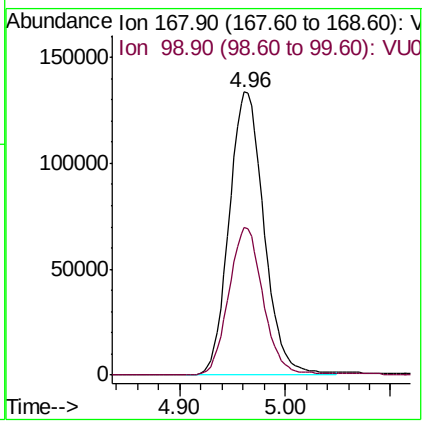


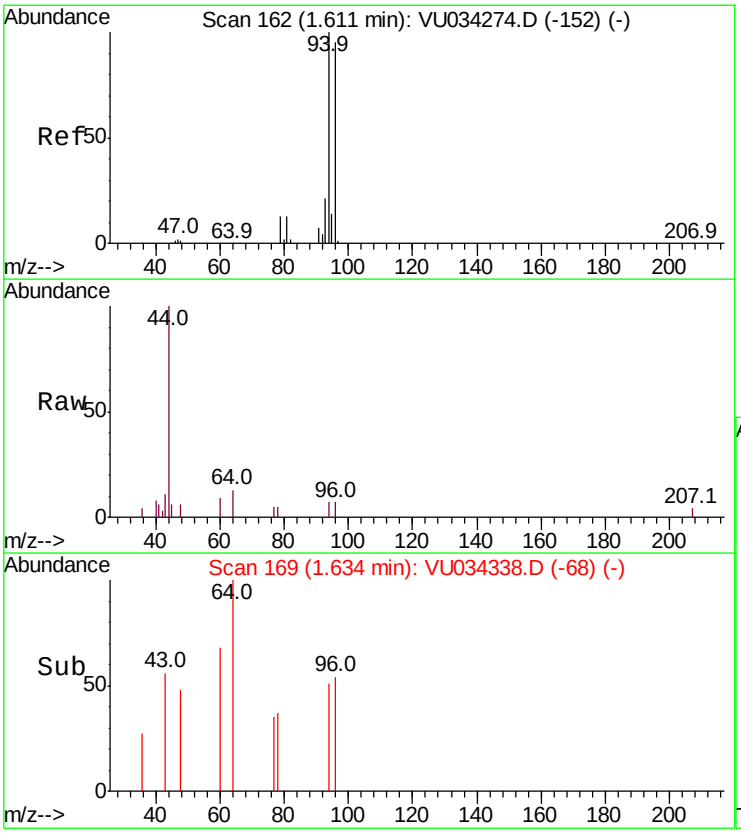
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 306444

Ion	Ratio	Lower	Upper
168	100		
99	52.1	41.6	62.4

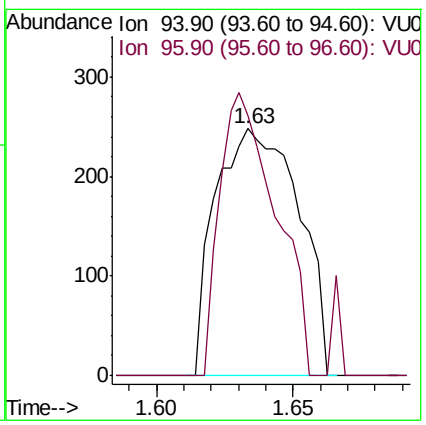


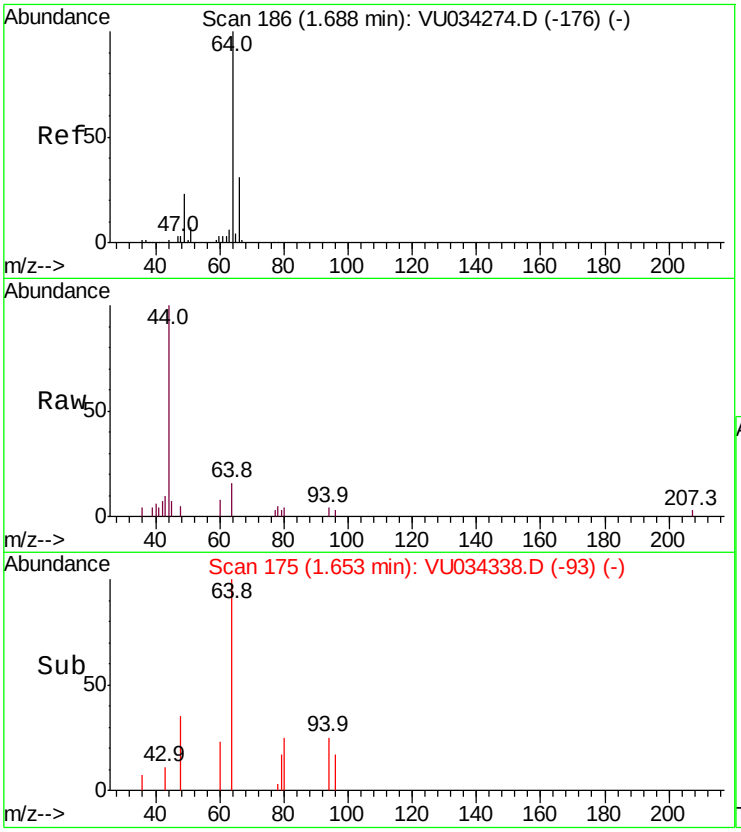


#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 169
Delta R.T. 0.02 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 94 Resp: 526

Ion	Ratio	Lower	Upper
94	100		
96	105.2	75.7	113.5



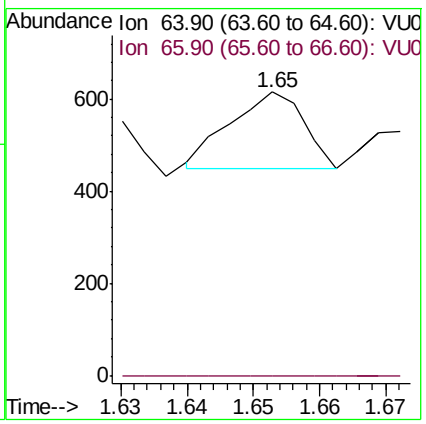


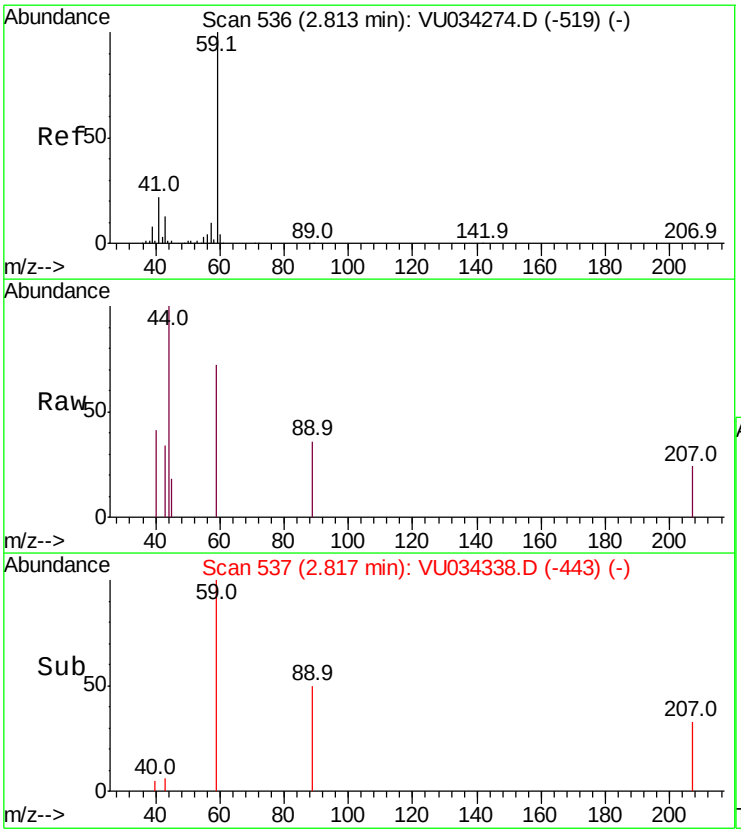
#6
Chloroethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. -0.04 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 127

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#

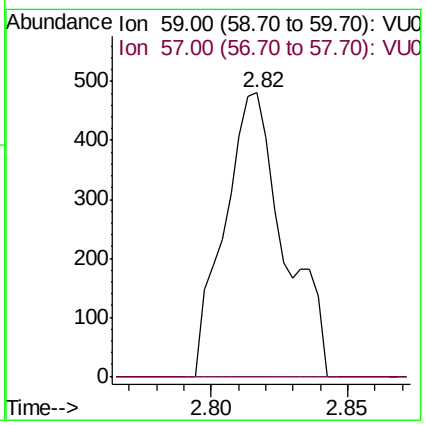


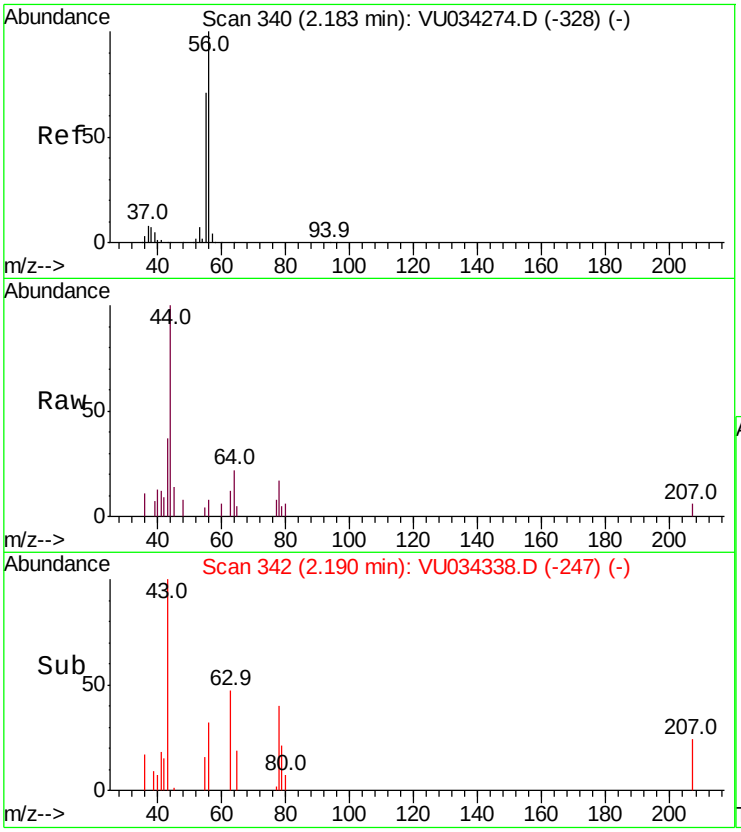


#11
Tert butyl alcohol
Concen: 0.745 ug/l
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 59 Resp: 730

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



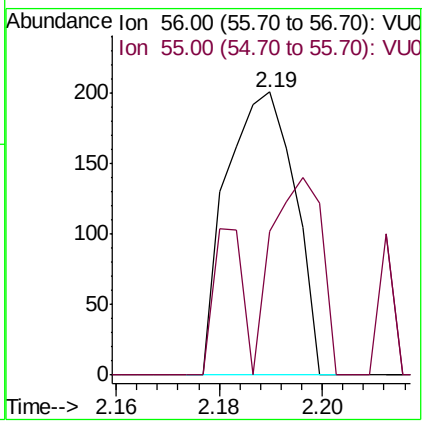


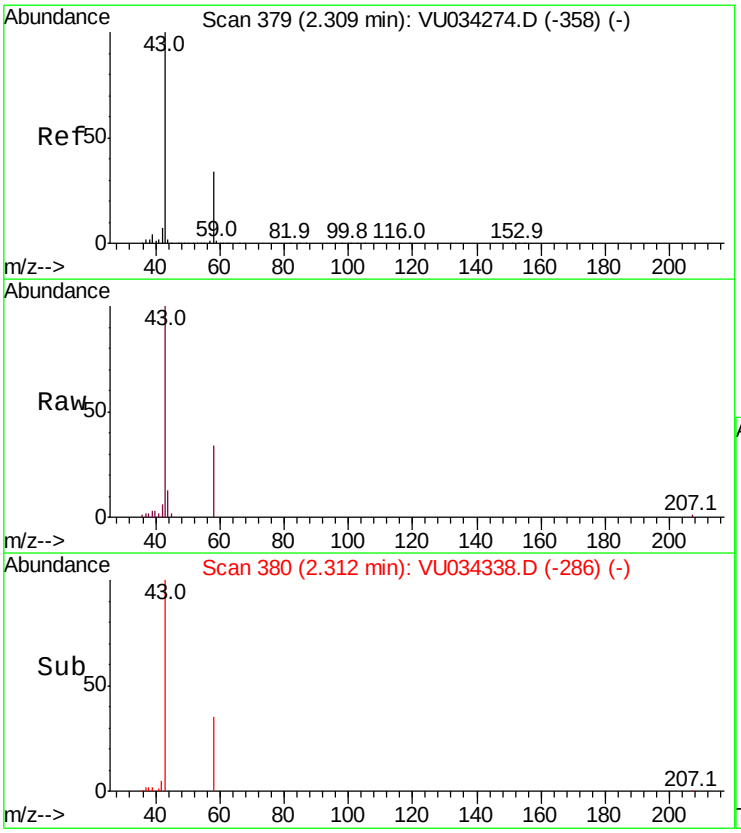
#13
Acrolein
Concen: 0.223 ug/l
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 184

Ion	Ratio	Lower	Upper
56	100		
55	51.1	57.4	86.2#

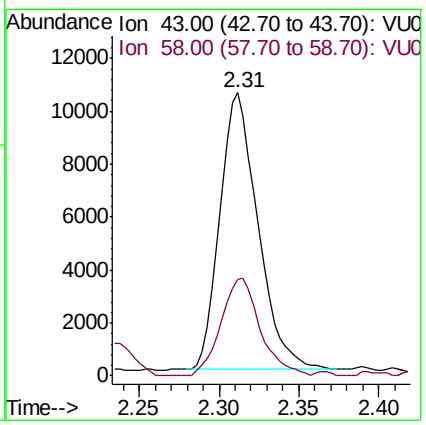


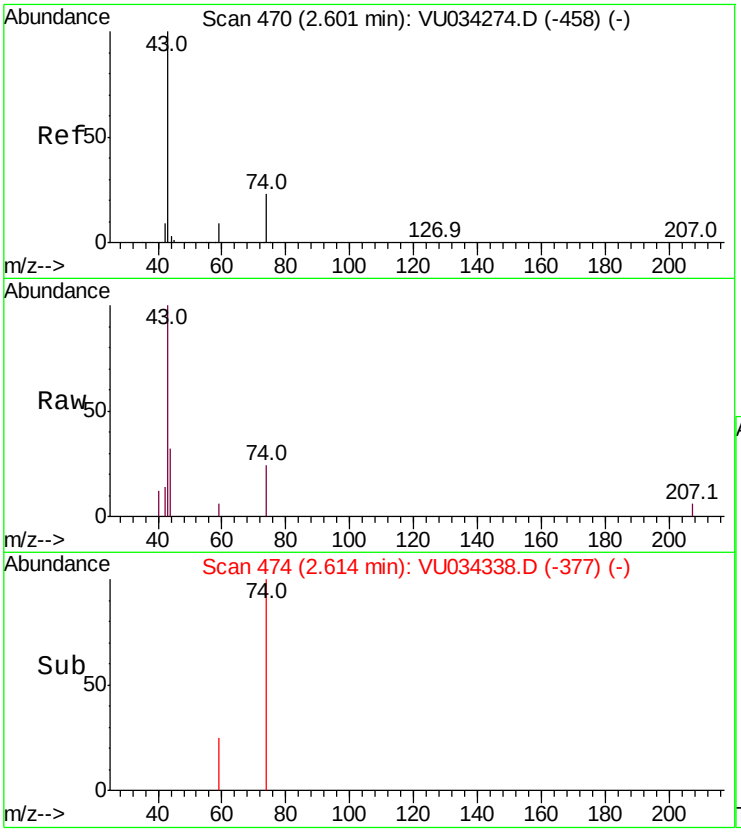


#16
Acetone
Concen: 7.094 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 43 Resp: 17022

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.6	41.4



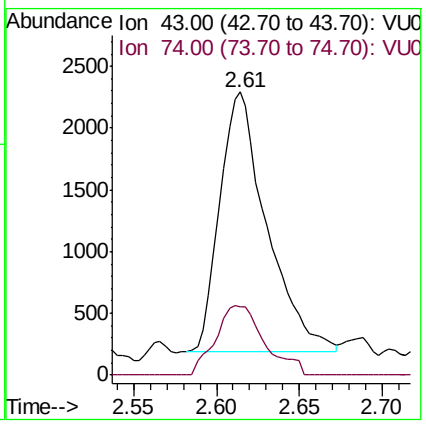


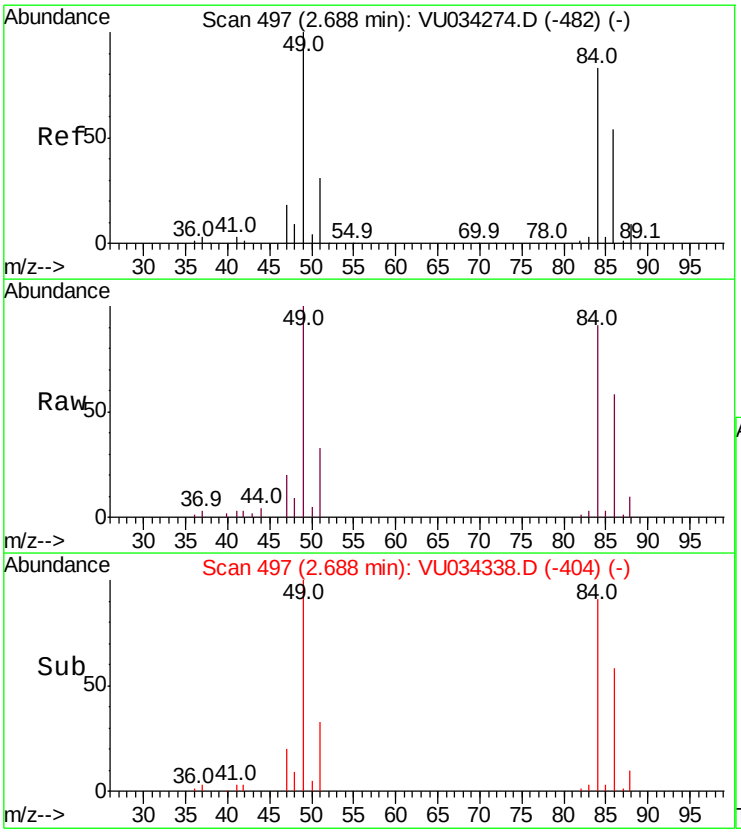
#18
Methyl Acetate
Concen: 0.709 ug/l
RT: 2.61 min Scan# 474
Delta R.T. 0.01 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 4137

Ion	Ratio	Lower	Upper
43	100		
74	27.8	18.9	28.3

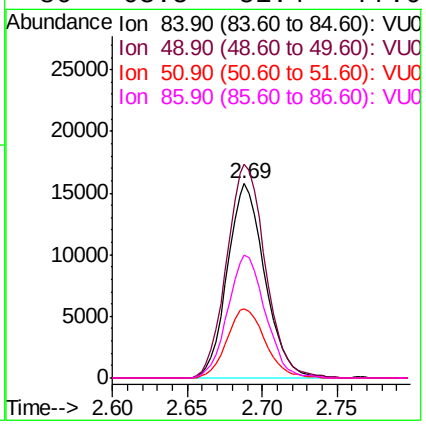


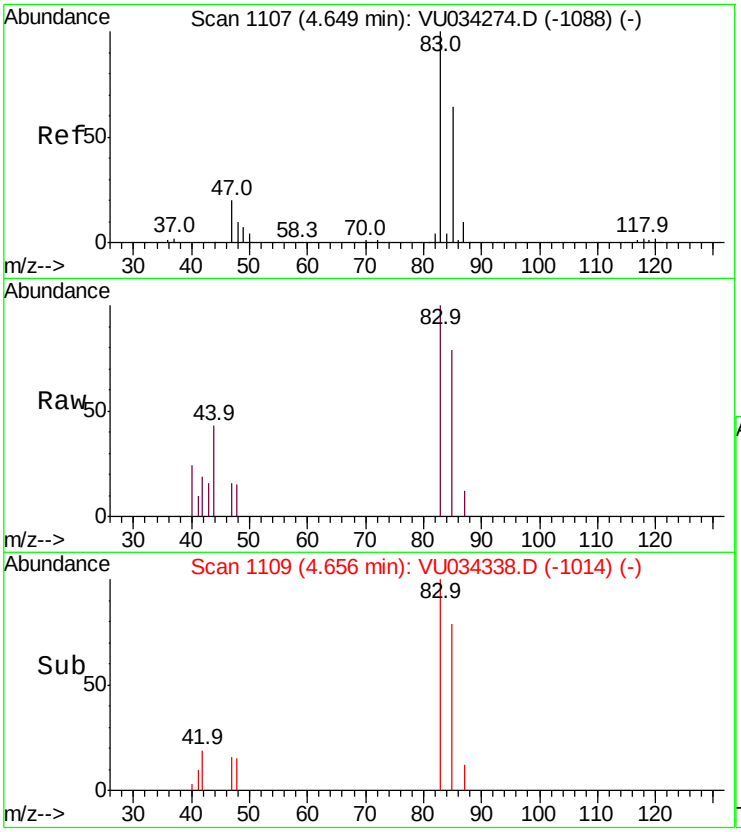


#20
Methylene Chloride
Concen: 6.632 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 84 Resp: 27428

Ion	Ratio	Lower	Upper
84	100		
49	110.1	96.0	144.0
51	35.8	30.0	45.0
86	63.5	51.4	77.0



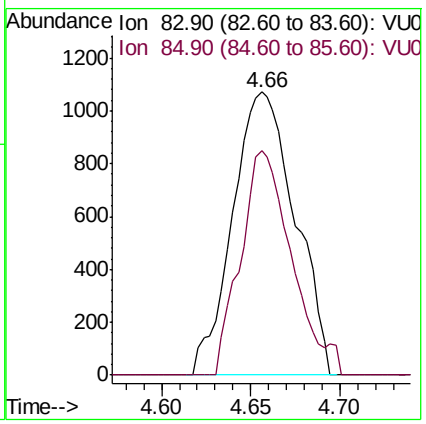


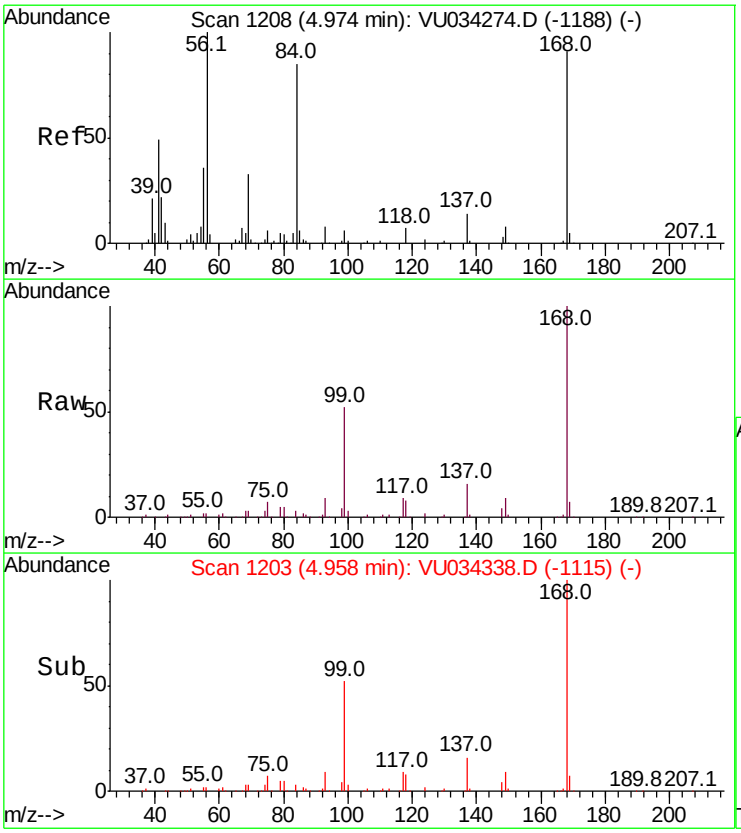
#30
Chloroform
Concen: 0.346 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 2614

Ion	Ratio	Lower	Upper
83	100		
85	79.3	51.5	77.3#

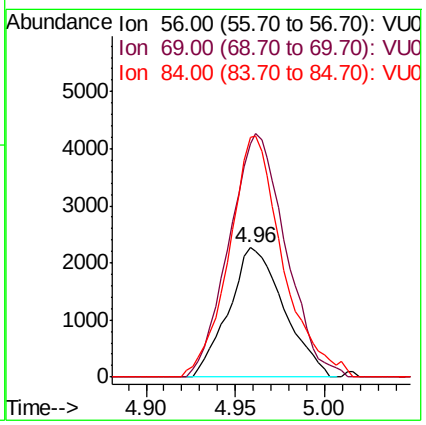


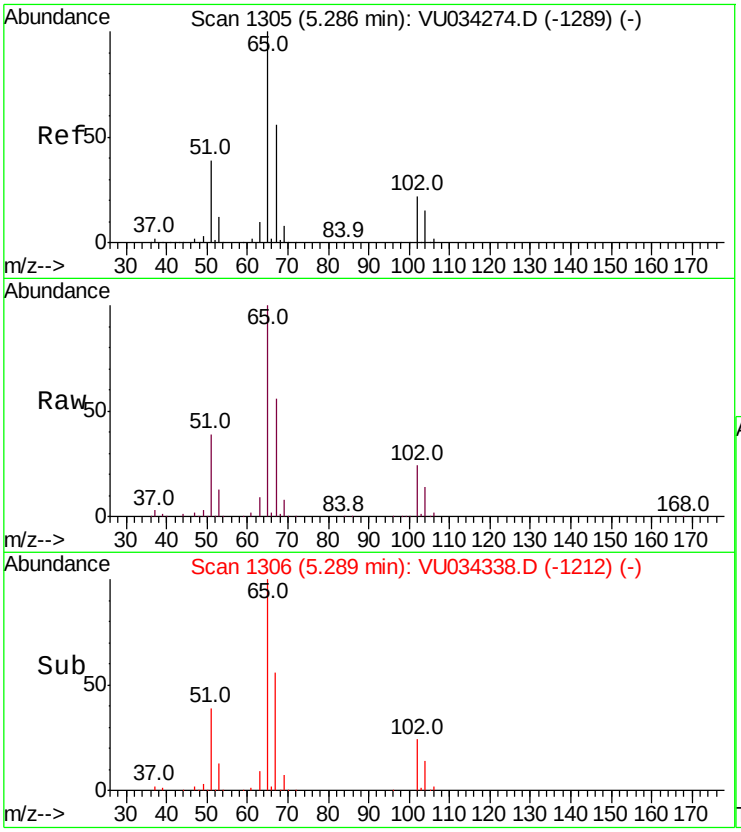


#31
Cyclohexane
Concen: 0.900 ug/l
RT: 4.96 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 56 Resp: 4890

Ion	Ratio	Lower	Upper
56	100		
69	180.7	26.7	40.1#
84	180.5	68.2	102.4#



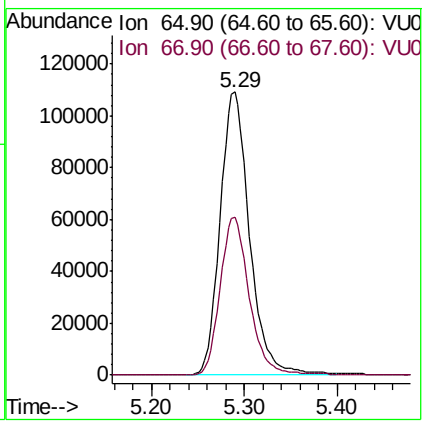


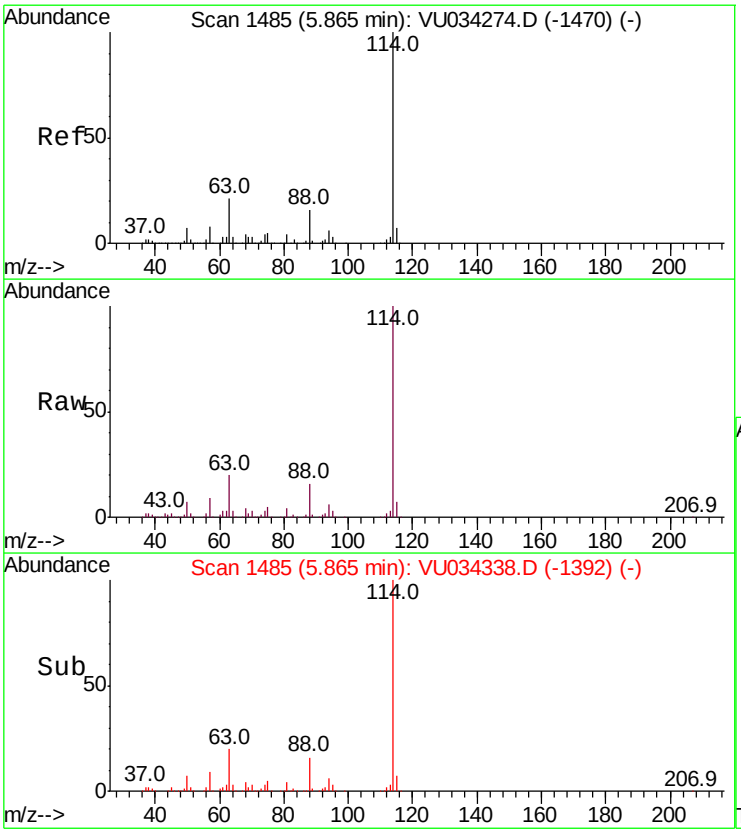
#33
1,2-Dichloroethane-d4
Concen: 51.912 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 65 Resp: 240695

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	112.4

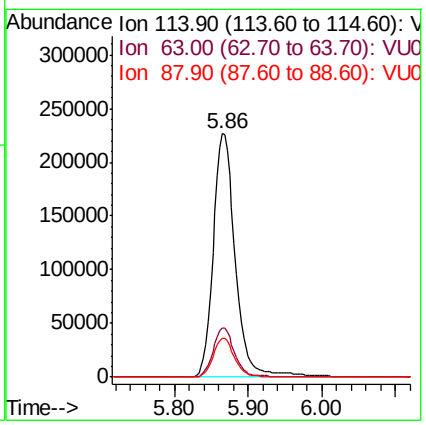


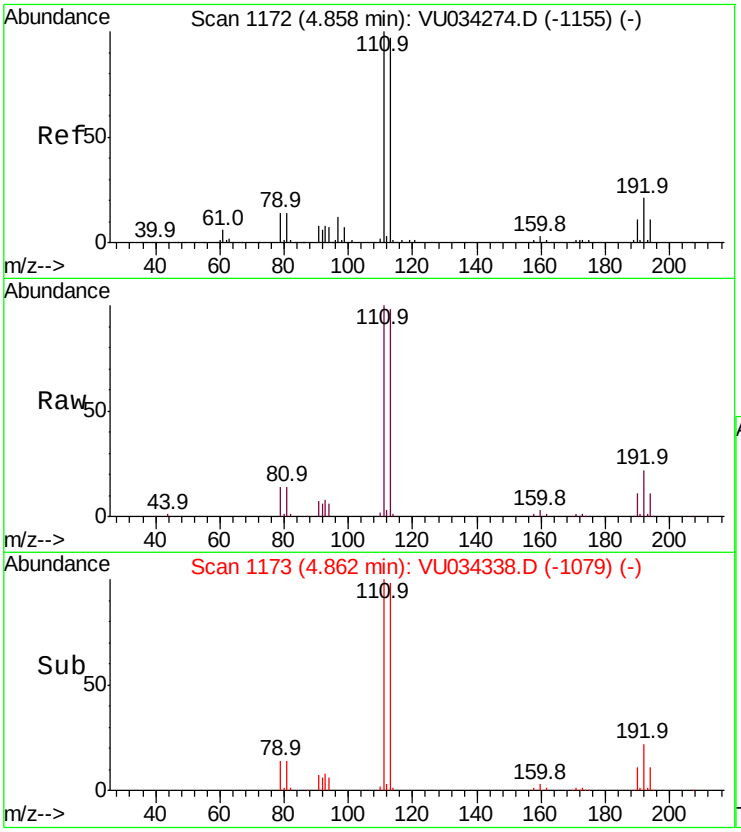


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.86 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion:114 Resp: 469083

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	16.0	0.0	32.4



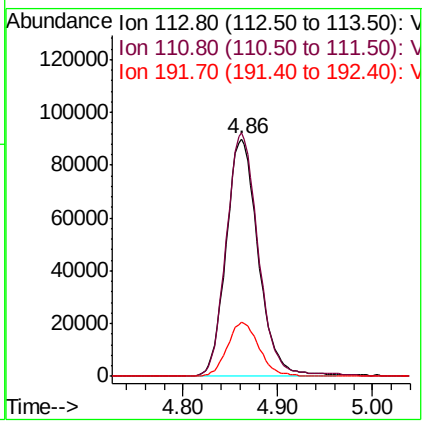


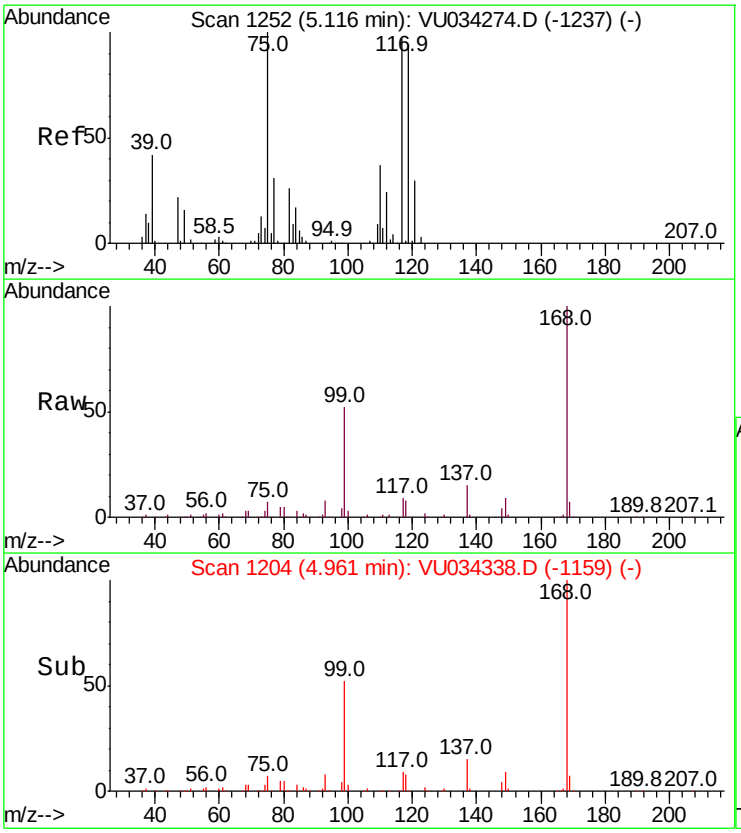
#35
Dibromofluoromethane
Concen: 48.691 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:113 Resp: 212527

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	22.7	17.8	26.8

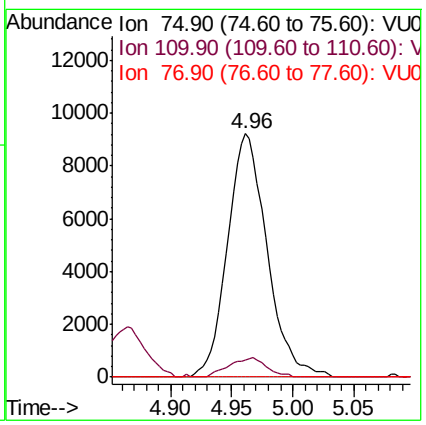


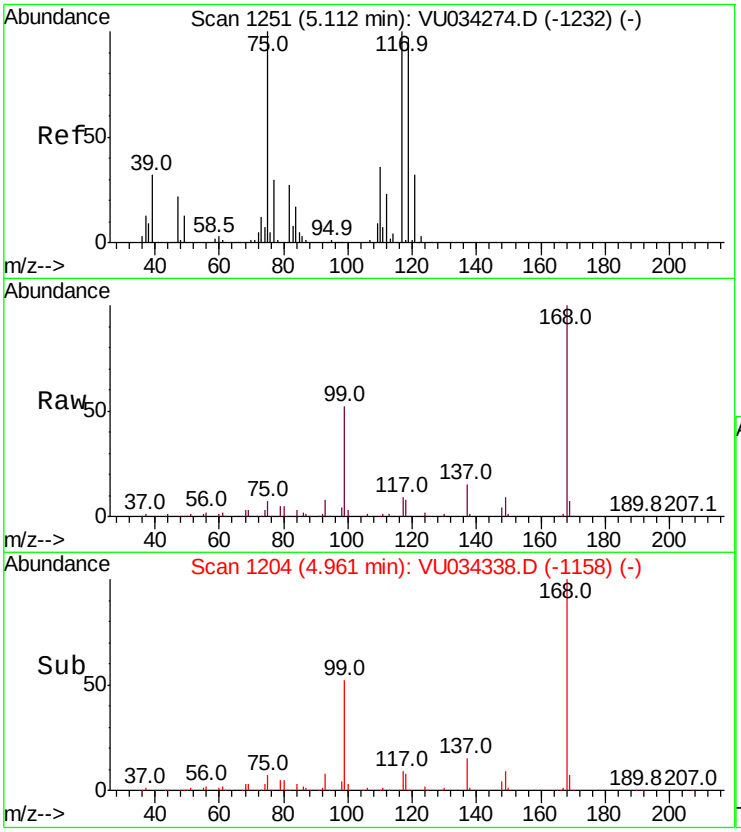


#36
1,1-Dichloropropene
Concen: 4.084 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 75 Resp: 20778

Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.3	54.9#
77	0.0	24.9	37.3#



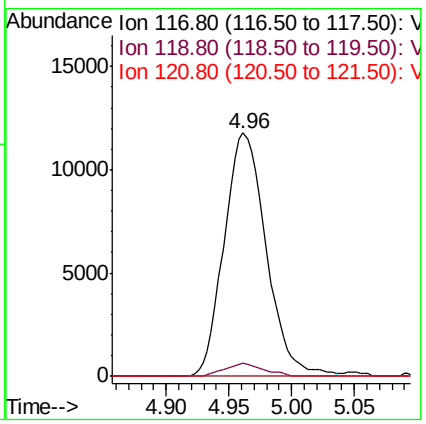


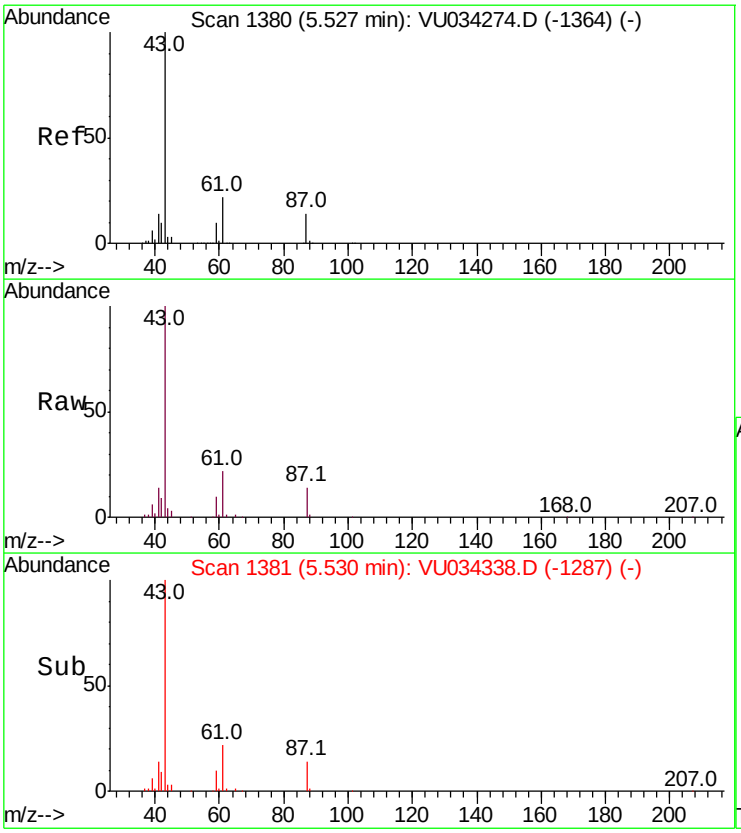
#38
Carbon Tetrachloride
Concen: 5.062 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 27498

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.8	116.6#
121	0.0	25.2	37.8#

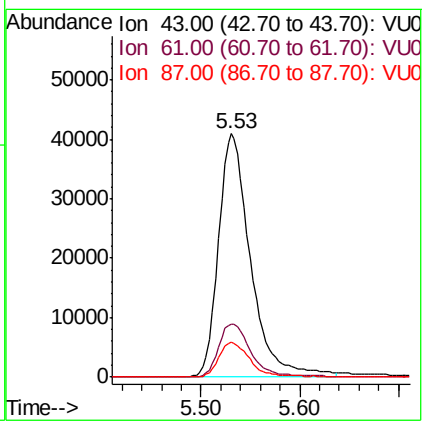


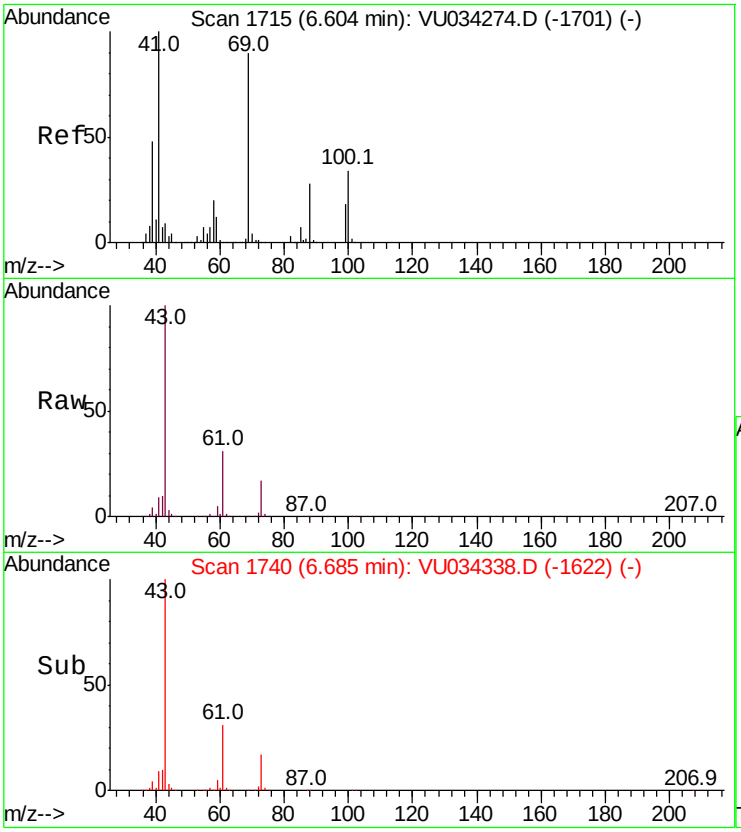


#43
Isopropyl Acetate
Concen: 9.948 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 43 Resp: 93344

Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.1	25.7
87	13.6	11.1	16.7



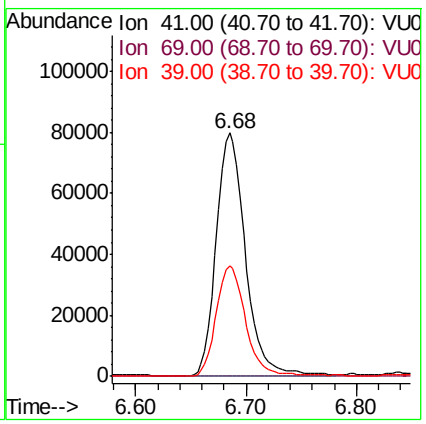


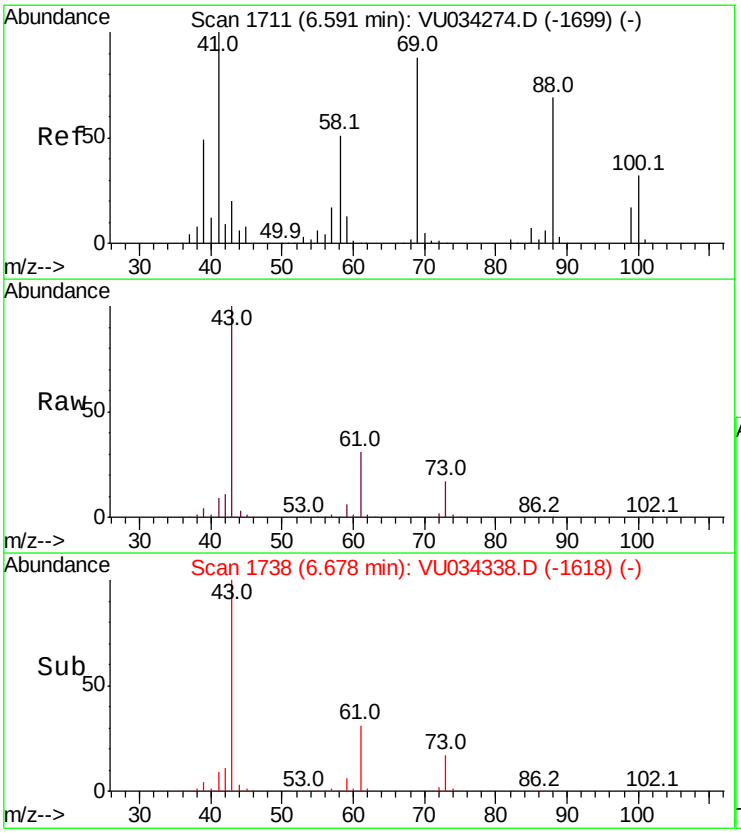
#48
Methyl methacrylate
Concen: 32.643 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 145475

Ion	Ratio	Lower	Upper
41	100		
69	0.1	72.8	109.2#
39	45.8	38.6	58.0

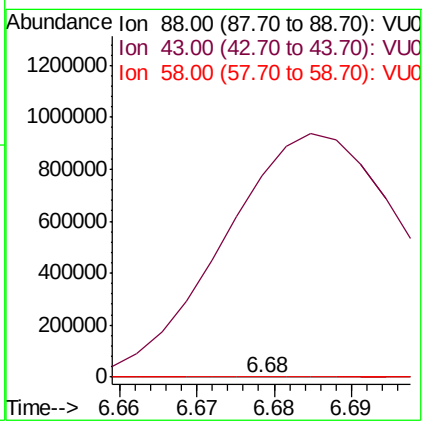


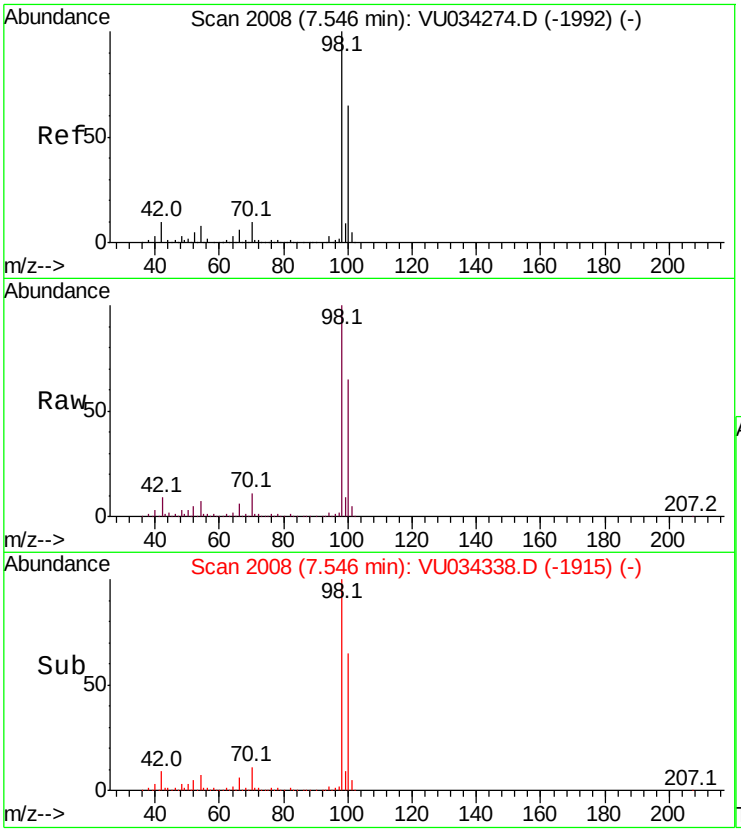


#49
1,4-Dioxane
Concen: 1.315 ug/l
RT: 6.68 min Scan# 1738
Delta R.T. 0.09 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 88 Resp: 128

Ion	Ratio	Lower	Upper
88	100		
43	1320839.1	23.8	35.6#
58	6055.5	58.4	87.6#



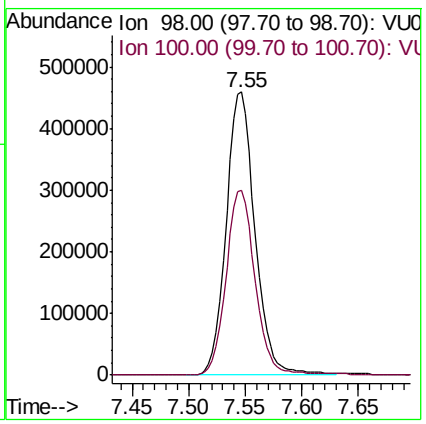


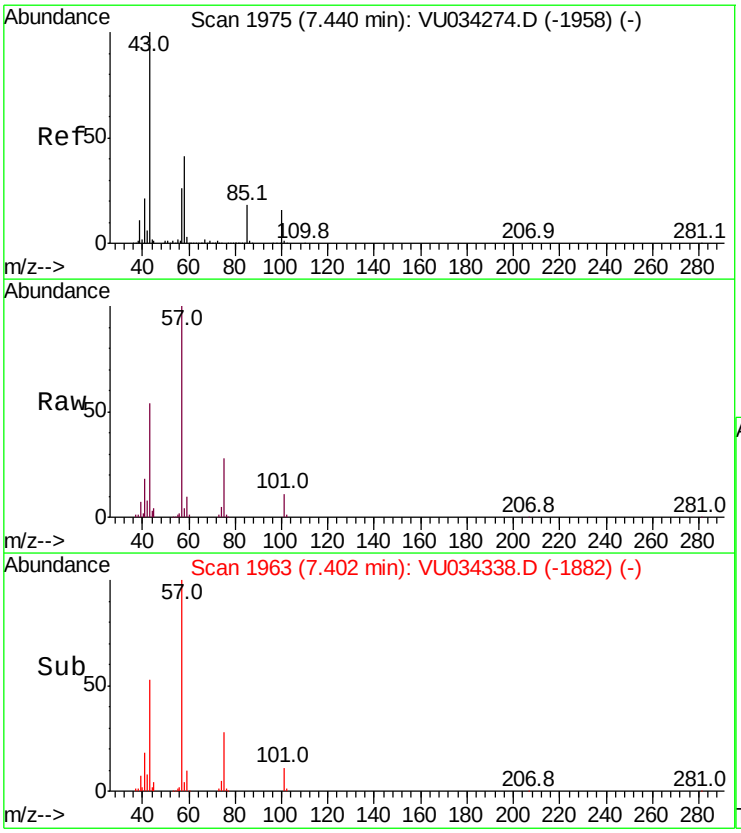
#50
Toluene-d8
Concen: 49.621 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 98 Resp: 813720

Ion	Ratio	Lower	Upper
98	100		
100	66.7	51.7	77.5

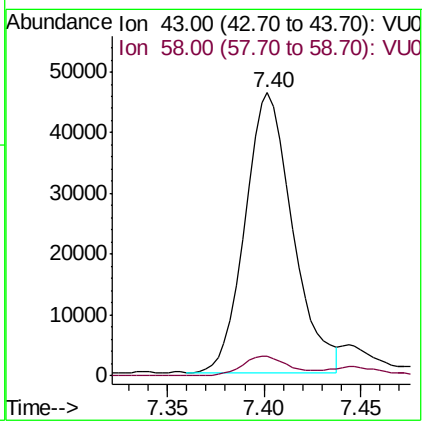


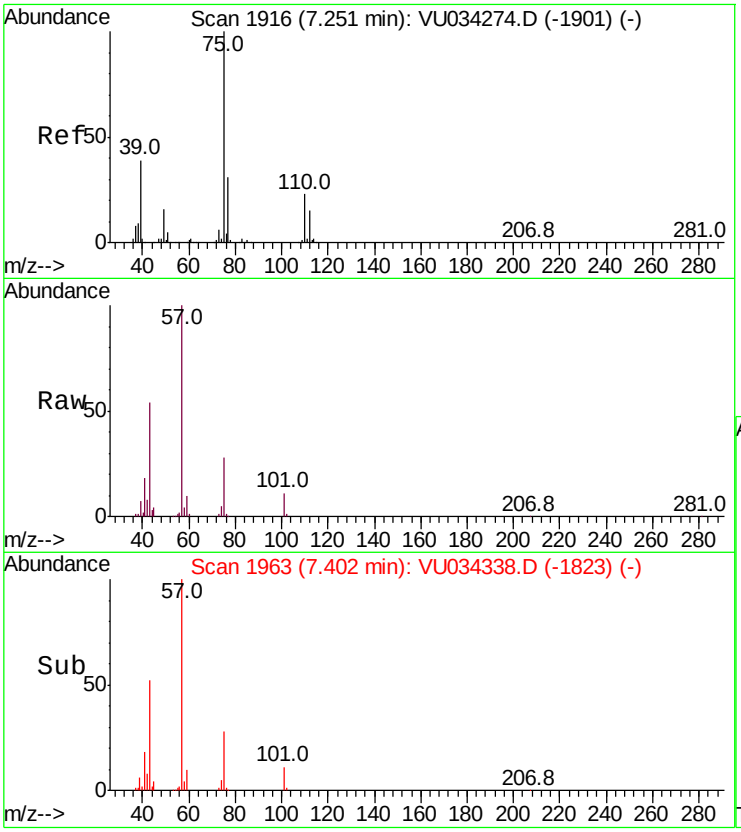


#51
4-Methyl-2-Pentanone
Concen: 12.138 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 43 Resp: 78834

Ion	Ratio	Lower	Upper
43	100		
58	7.2	33.0	49.4#



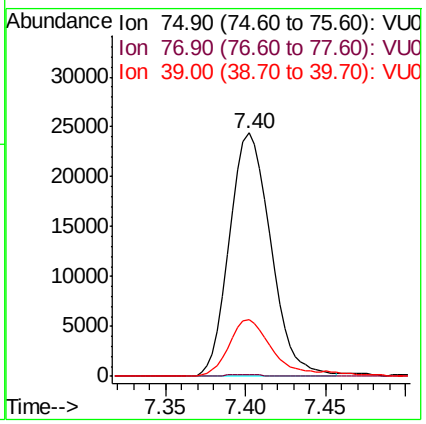


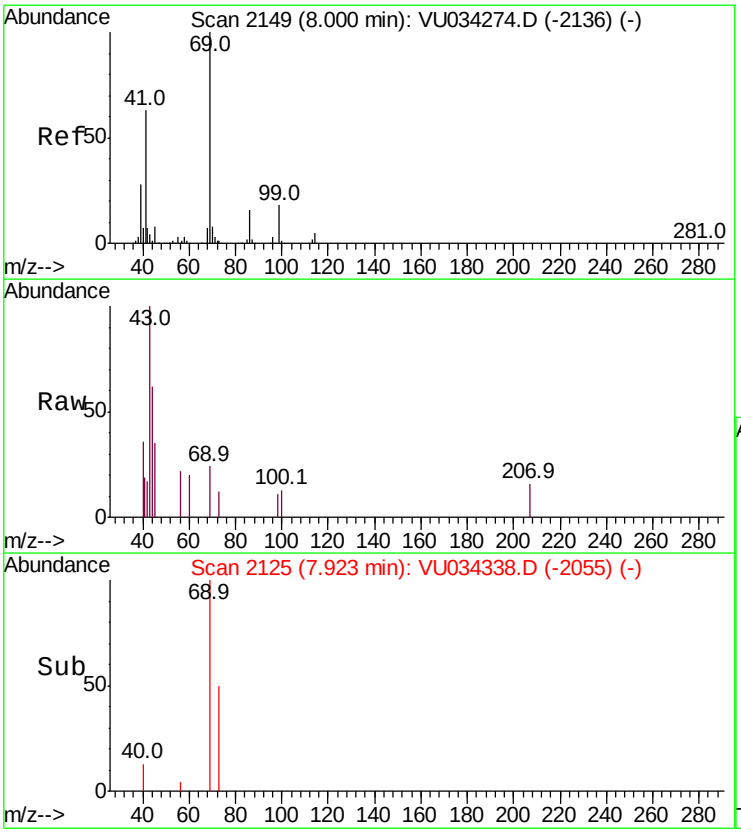
#54
cis-1,3-Dichloropropene
Concen: 6.105 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 43070

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.1	37.7#
39	23.3	31.2	46.8#

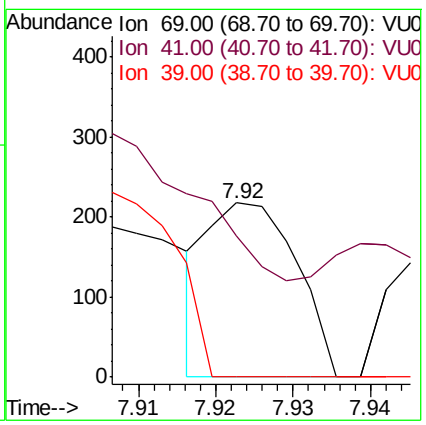


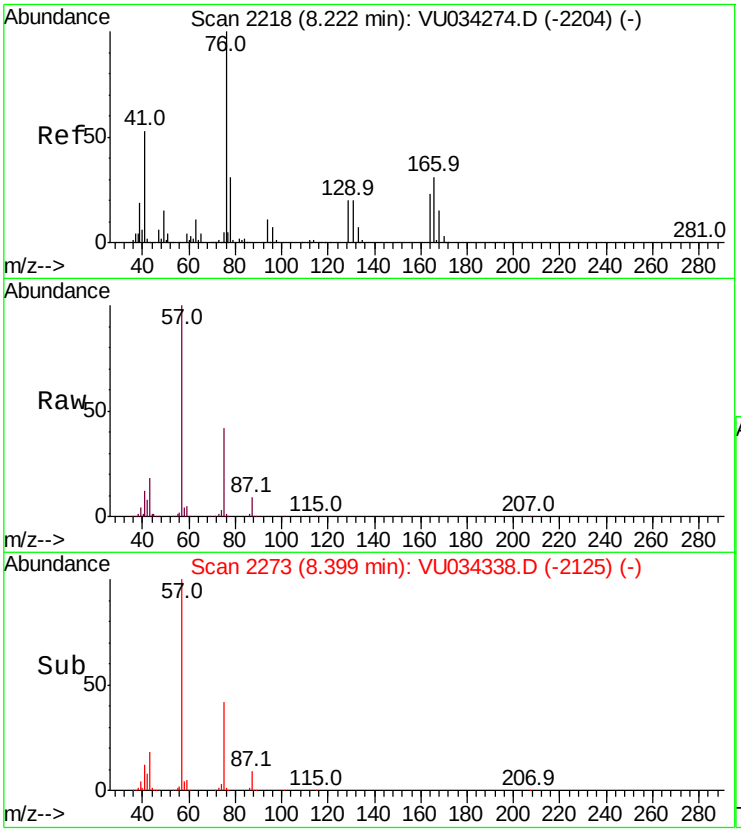


#56
Ethyl methacrylate
Concen: 3.100 ug/l
RT: 7.92 min Scan# 2125
Delta R.T. -0.08 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 69 Resp: 174

Ion	Ratio	Lower	Upper
69	100		
41	0.0	49.5	74.3#
39	0.0	22.5	33.7#



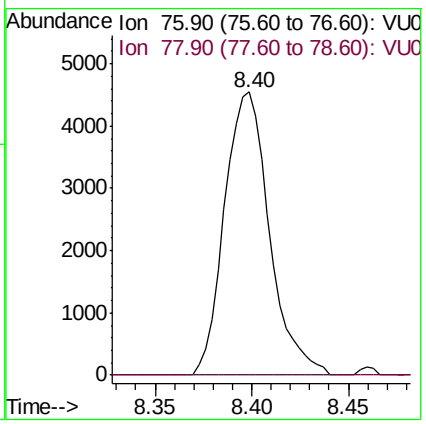


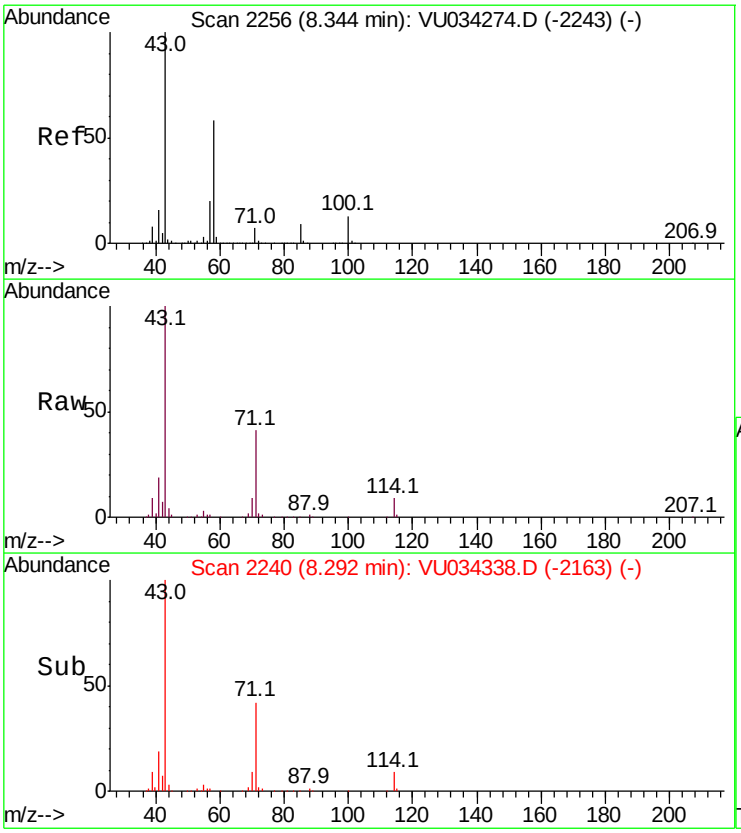
#57
1,3-Dichloropropane
Concen: 0.965 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.18 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 7346

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#

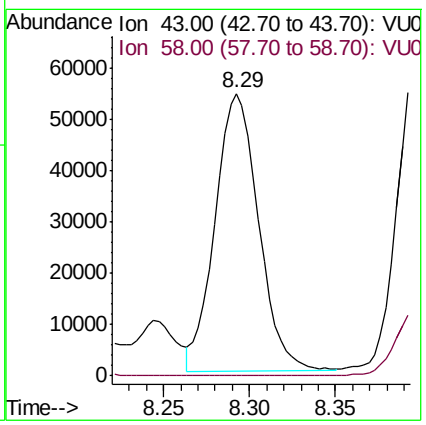


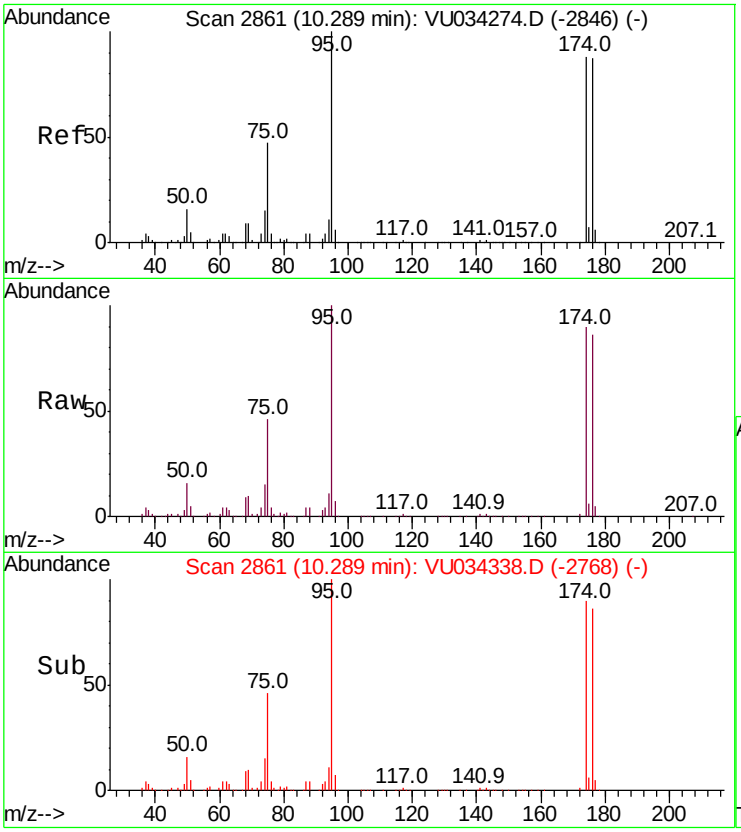


#59
2-Hexanone
Concen: 19.590 ug/l
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 43 Resp: 95049

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	86.5#



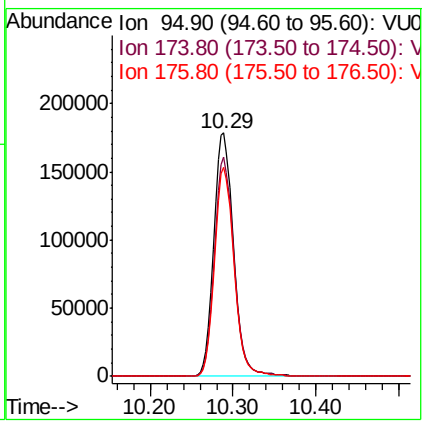


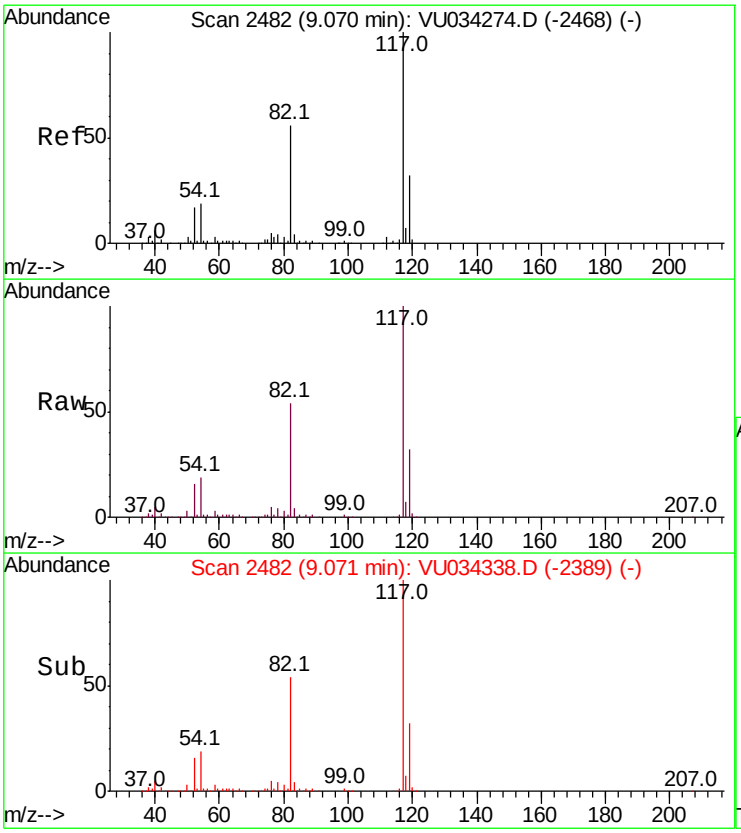
#62
4-Bromofluorobenzene
Concen: 46.604 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 295070

Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	175.2
176	84.5	0.0	168.0

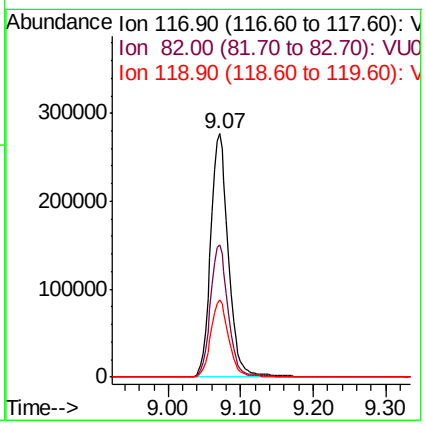


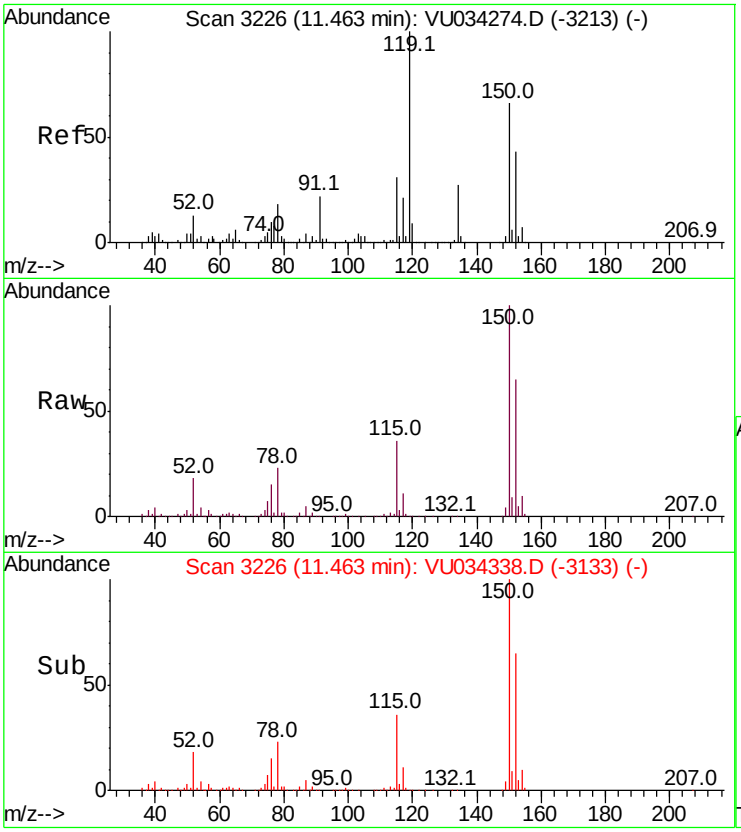


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion:117 Resp: 468727

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.6	67.0
119	31.7	25.9	38.9



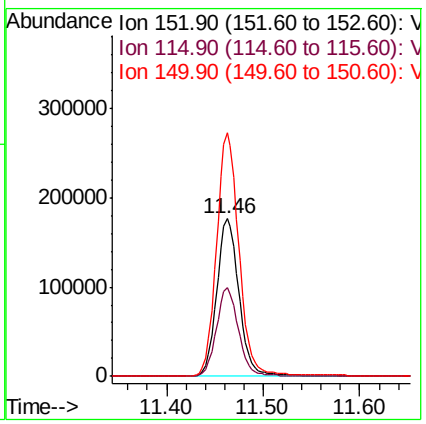


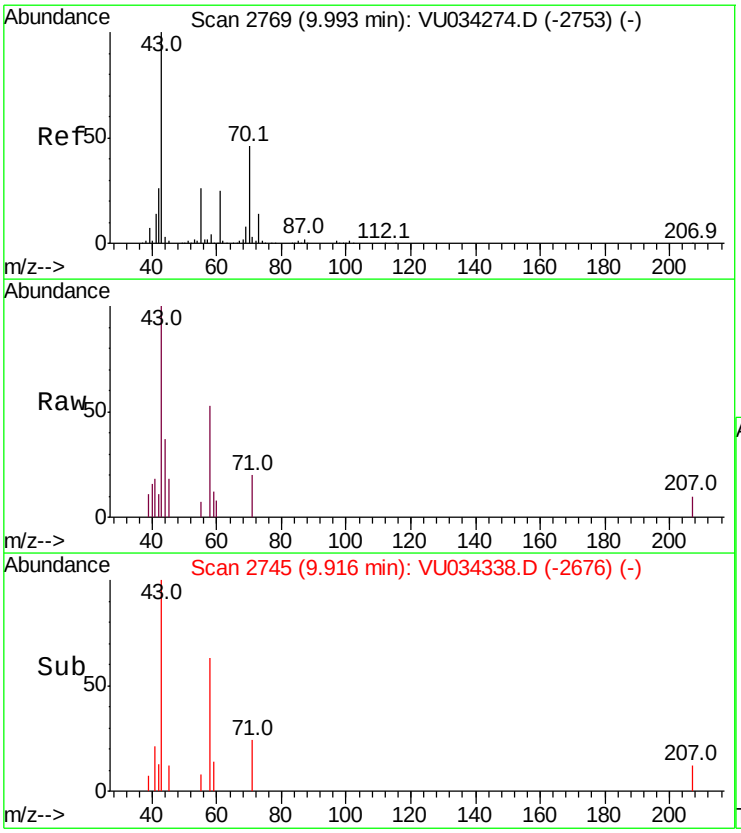
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 283834

Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.1	117.3
150	154.3	0.0	345.4

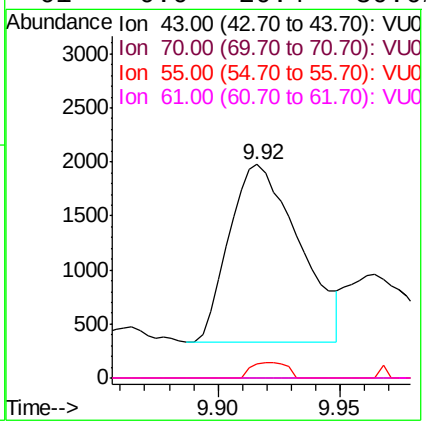


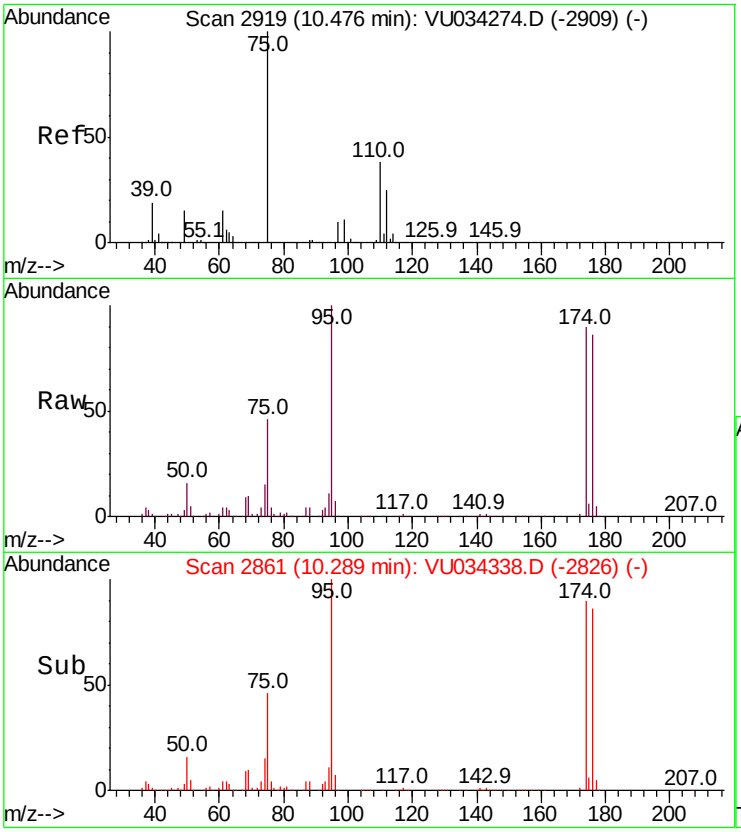


#74
N-amyl acetate
Concen: 0.443 ug/l
RT: 9.92 min Scan# 2745
Delta R.T. -0.08 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 43 Resp: 3296

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.4	54.6#
55	4.5	21.2	31.8#
61	0.0	20.4	30.6#



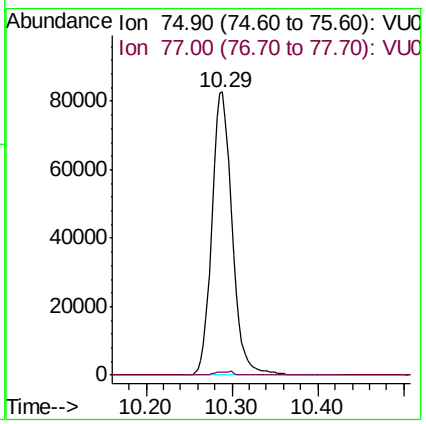


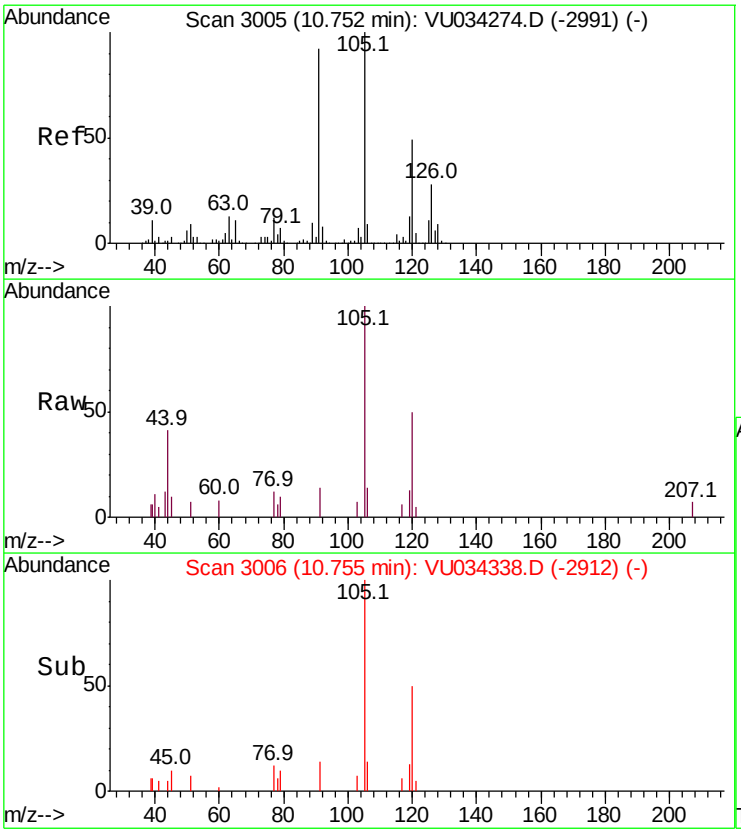
#76
1,2,3-Trichloropropane
Concen: 22.150 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 137235

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.8	62.2#

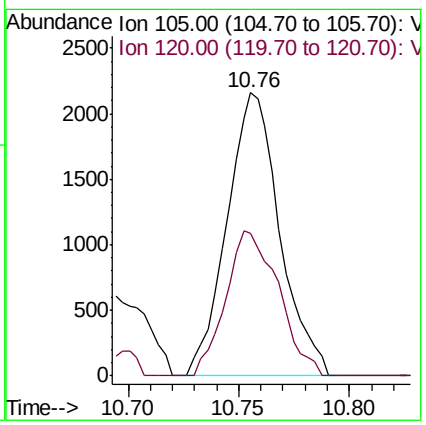


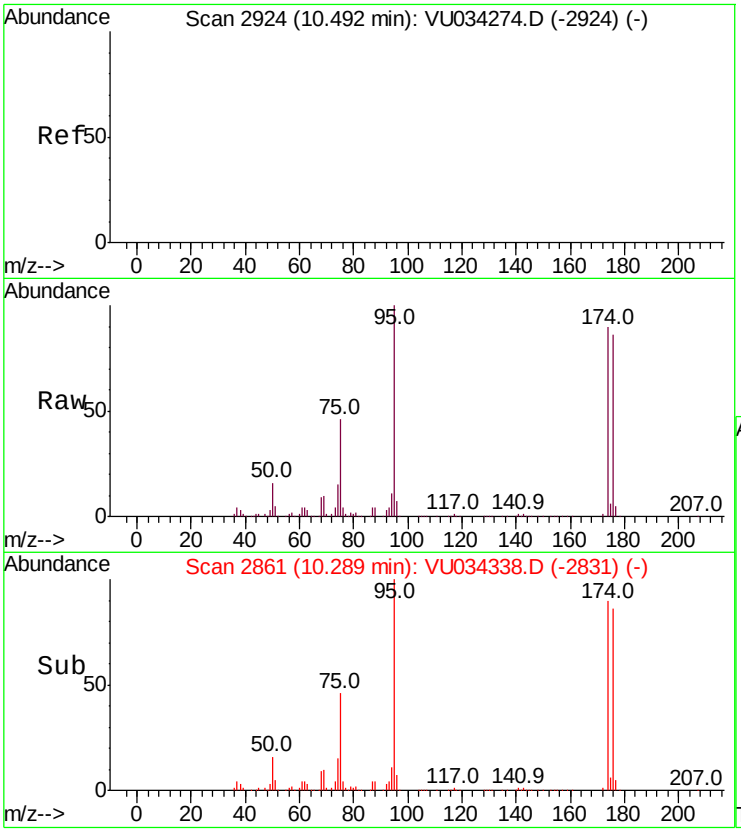


#80
1,3,5-Trimethylbenzene
Concen: 0.232 ug/l
RT: 10.76 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion:105 Resp: 3581

Ion	Ratio	Lower	Upper
105	100		
120	51.2	24.9	74.7



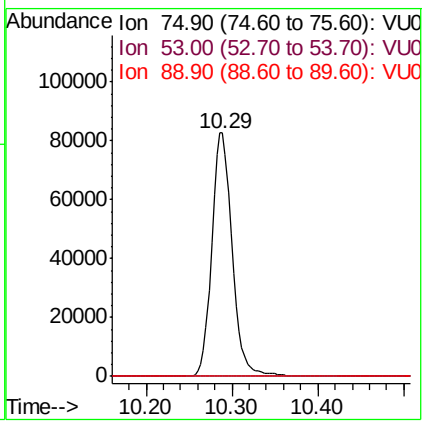


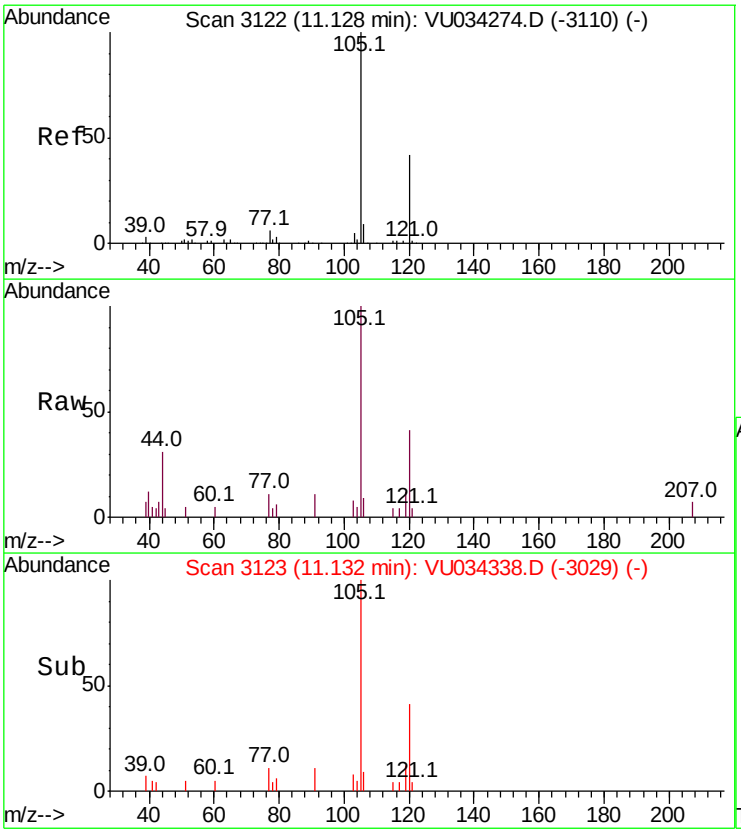
#81
trans-1,4-Dichloro-2-butene
Concen: 74.490 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.20 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 137235

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

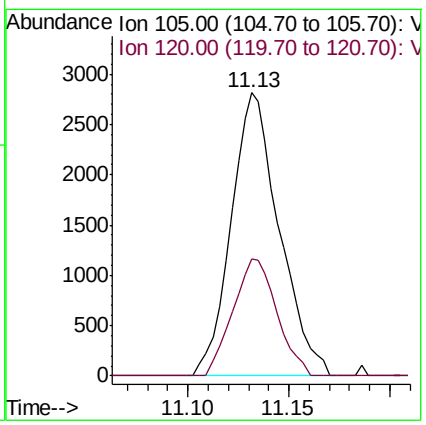


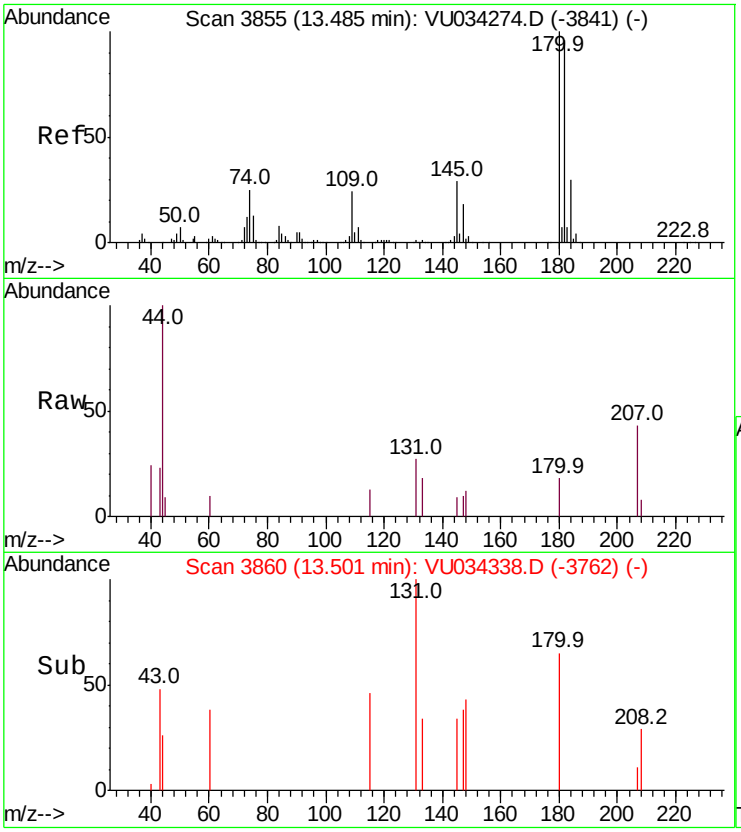


#84
1,2,4-Trimethylbenzene
Concen: 0.302 ug/l
RT: 11.13 min Scan# 3123
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion:105 Resp: 4693

Ion	Ratio	Lower	Upper
105	100		
120	37.9	22.9	68.8



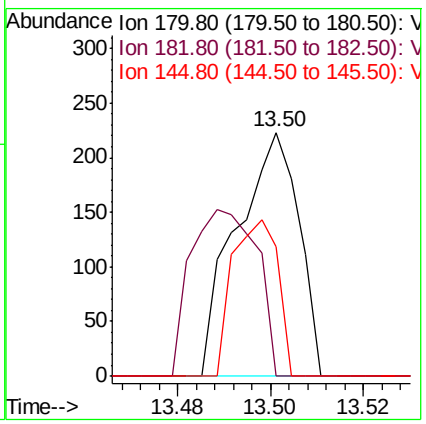


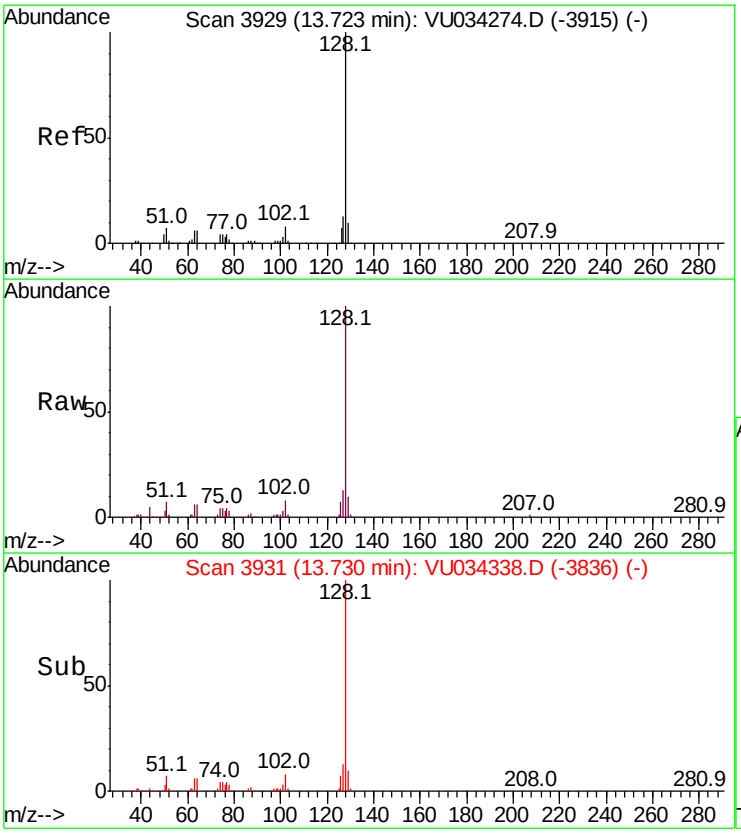
#93
1,2,4-Trichlorobenzene
Concen: 3.481 ug/l
RT: 13.50 min Scan# 3860
Delta R.T. 0.02 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 209

Ion	Ratio	Lower	Upper
180	100		
182	72.2	47.9	143.8
145	46.4	14.4	43.0#





#95
Naphthalene
Concen: 8.051 ug/l
RT: 13.73 min Scan# 3931
Delta R.T. 0.01 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion:128 Resp: 83933

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.6	15.8
129	9.2	8.4	12.6