Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
Data File : VU034138.D
Acq On : 31 Aug 2019 22:17
Operator : JC/SP
Sample : K4089-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OK-02-082919

Quant Time: Sep 01 04:51:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.96	168	459017	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.86	114	737507	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.07	117	721763	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	354438	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.29	65	287089	48.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.62%				
35) Dibromofluoromethane	4.86	113	236605	46.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.50%				
50) Toluene-d8	7.55	98	944888	49.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.66%				
62) 4-Bromofluorobenzene	10.29	95	333130	44.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.42%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	741	Below Cal		#	80
5) Bromomethane	1.59	94	44	Below Cal		#	2
11) Tert butyl alcohol	2.82	59	3565	2.628	ug/l	#	73
13) Acrolein	2.19	56	299	0.524	ug/l	#	80
16) Acetone	2.31	43	14151	4.715	ug/l		99
17) Carbon Disulfide	2.47	76	2912	0.200	ug/l	#	81
18) Methyl Acetate	2.61	43	3633	0.468	ug/l		95
20) Methylene Chloride	2.69	84	90088	15.857	ug/l		98
30) Chloroform	4.66	83	3016	0.323	ug/l		100
31) Cyclohexane	4.96	56	8377	0.954	ug/l	#	1
36) 1,1-Dichloropropene	4.96	75	33329	4.778	ug/l	#	48
38) Carbon Tetrachloride	4.96	117	42510	6.313	ug/l	#	16
43) Isopropyl Acetate	5.53	43	96635	8.131	ug/l		99
48) Methyl methacrylate	6.68	41	155396	27.097	ug/l	#	39
49) 1,4-Dioxane	6.61	88	63	0.438	ug/l	#	22
51) 4-Methyl-2-Pentanone	7.40	43	81593	9.941	ug/l	#	46
54) cis-1,3-Dichloropropene	7.40	75	43617	4.913	ug/l	#	60
56) Ethyl methacrylate	8.03	69	246	0.998	ug/l	#	27
57) 1,3-Dichloropropane	8.40	76	7648	0.819	ug/l	#	42
59) 2-Hexanone	8.29	43	103854	16.762	ug/l	#	23
74) N-amyl acetate	9.92	43	3175	0.317	ug/l	#	46
76) 1,2,3-Trichloropropane	10.29	75	161580	20.227	ug/l	#	37
80) 1,3,5-Trimethylbenzene	10.76	105	6769	0.335	ug/l		89
81) trans-1,4-Dichloro-2-buten	10.29	75	161580	68.108	ug/l	#	100
84) 1,2,4-Trimethylbenzene	11.13	105	7977	0.398	ug/l		94
93) 1,2,4-Trichlorobenzene	13.50	180	1615	1.318	ug/l		73
95) Naphthalene	13.74	128	27751	2.999	ug/l	#	94
96) 1,2,3-Trichlorobenzene	13.98	180	1912	0.275	ug/l	#	65

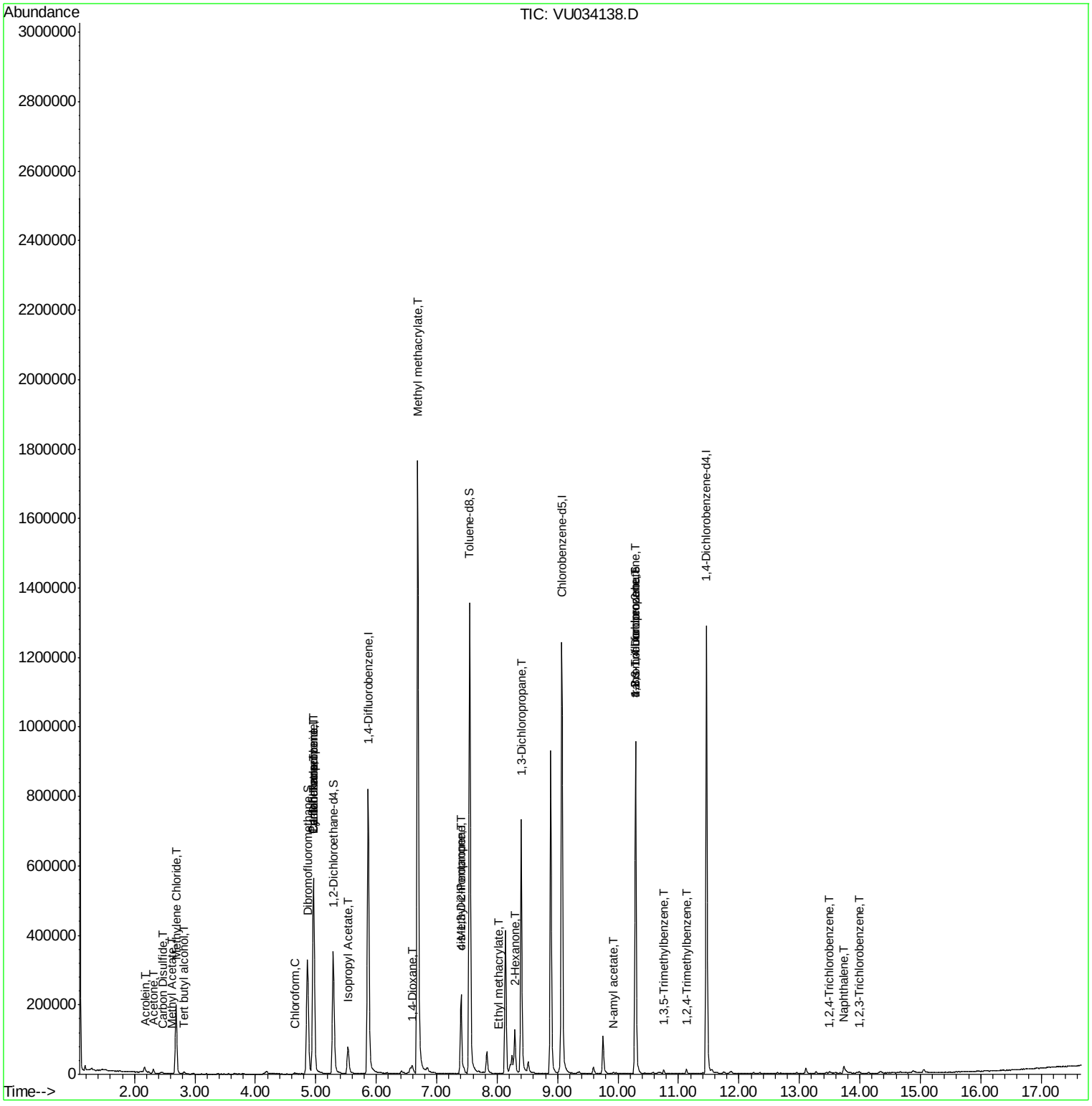
(#) = qualifier out of range (m) = manual integration (+) = signals summed

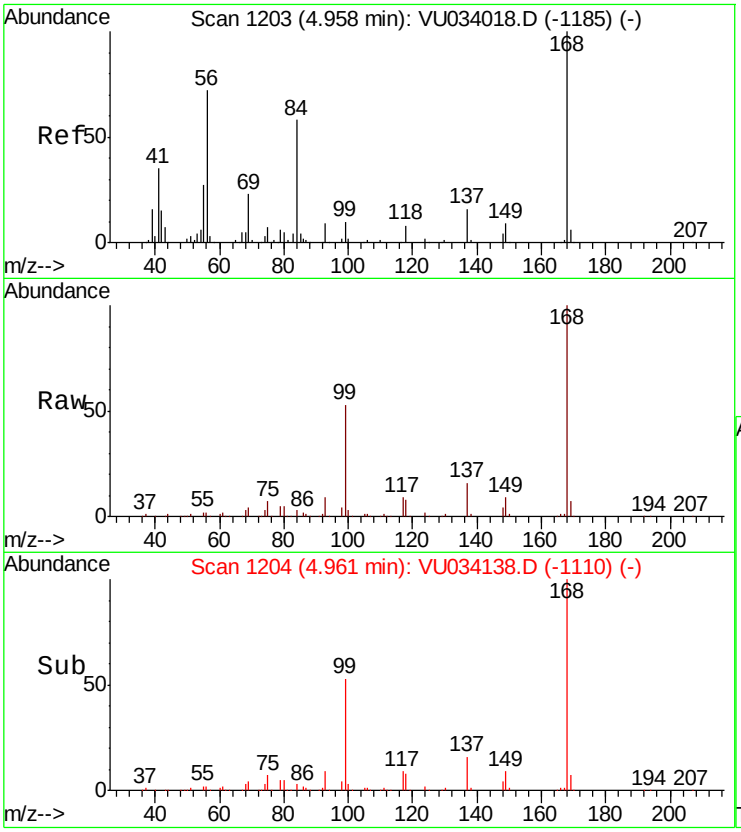
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
Data File : VU034138.D
Acq On : 31 Aug 2019 22:17
Operator : JC/SP
Sample : K4089-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Quant Time: Sep 01 04:51:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration



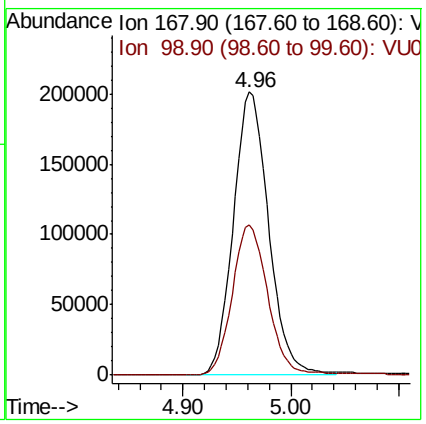


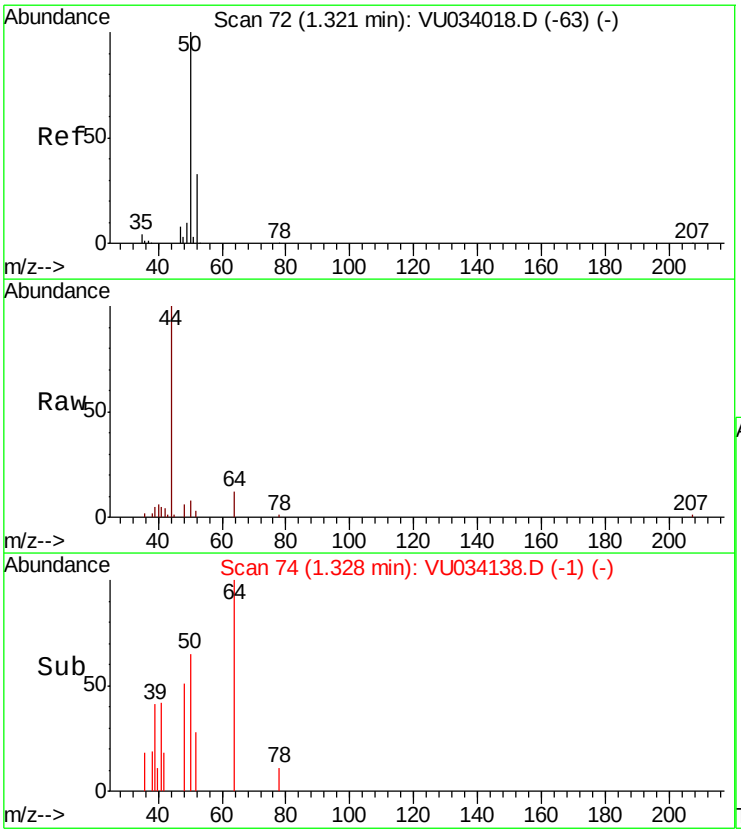
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion:168 Resp: 459017

Ion	Ratio	Lower	Upper
168	100		
99	52.9	42.3	63.5

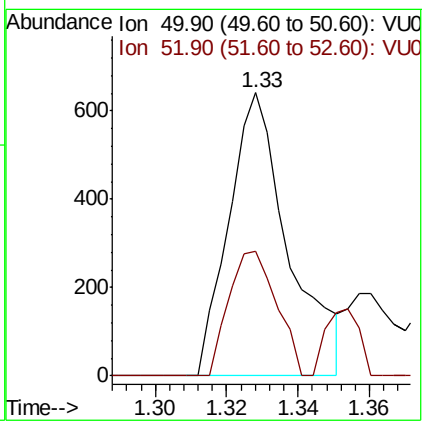


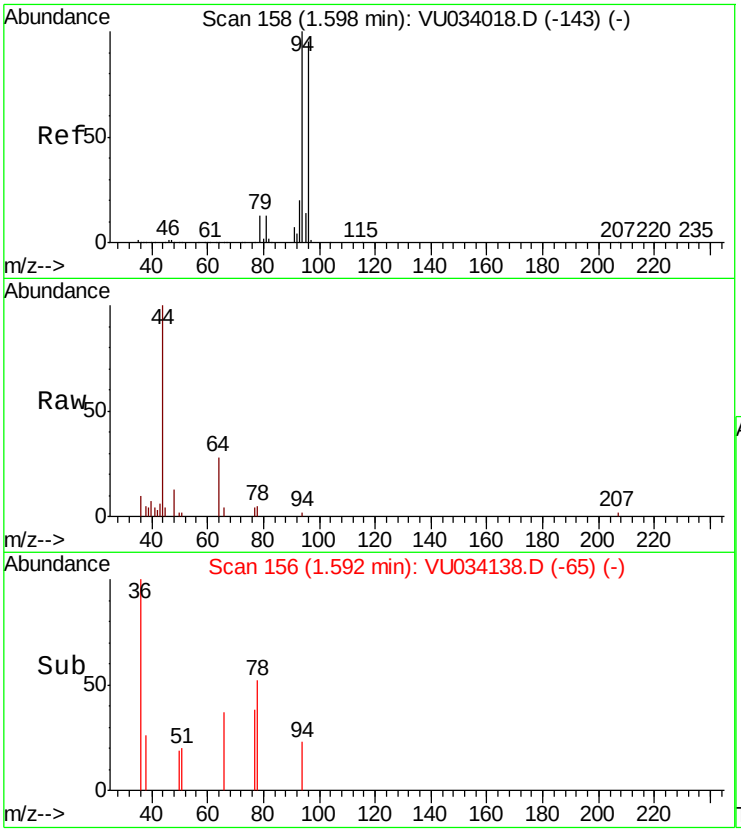


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 74
Delta R.T. 0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 50 Resp: 741

Ion	Ratio	Lower	Upper
50	100		
52	44.0	26.2	39.4#



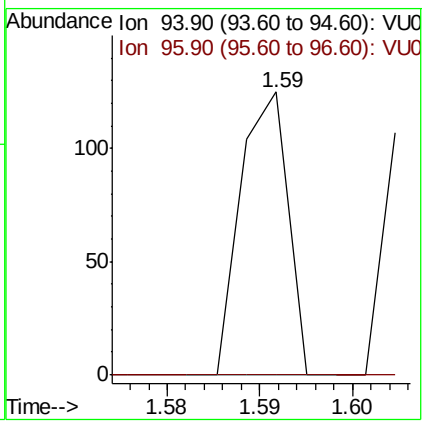


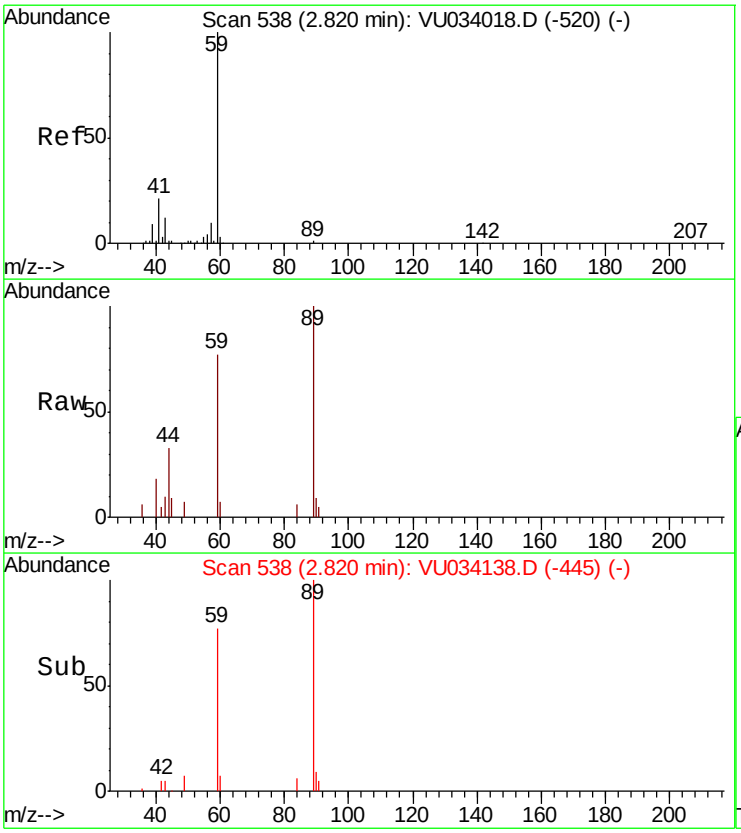
#5
Bromomethane
Concen: Below Cal
RT: 1.59 min Scan# 156
Delta R.T. -0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion: 94 Resp: 44

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.3	114.5#

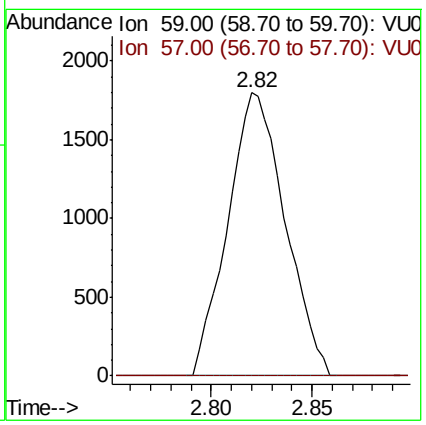


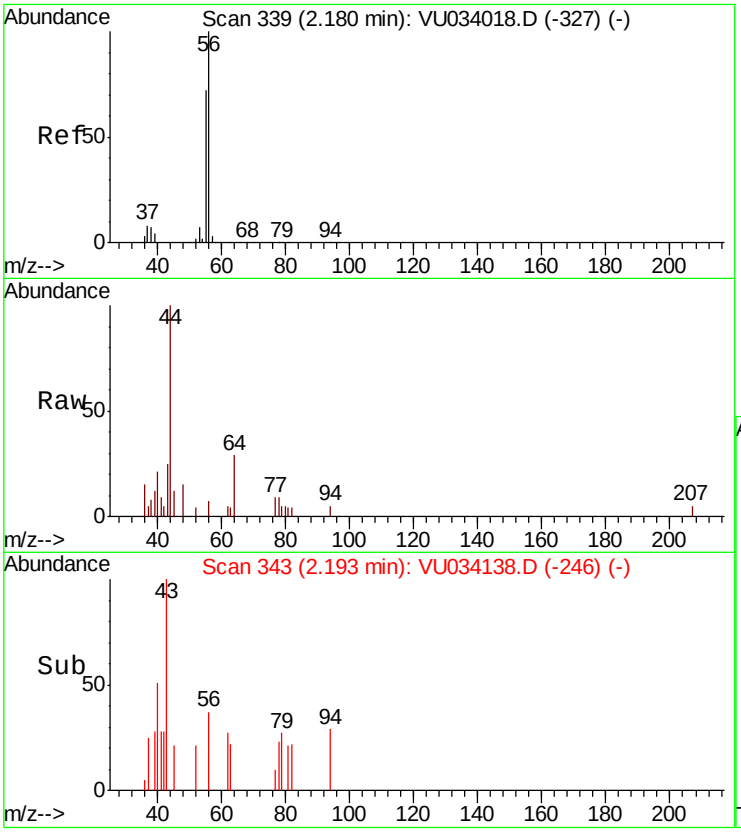


#11
Tert butyl alcohol
Concen: 2.628 ug/l
RT: 2.82 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 59 Resp: 3565

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



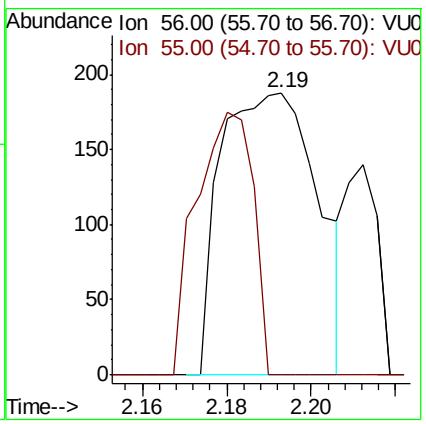


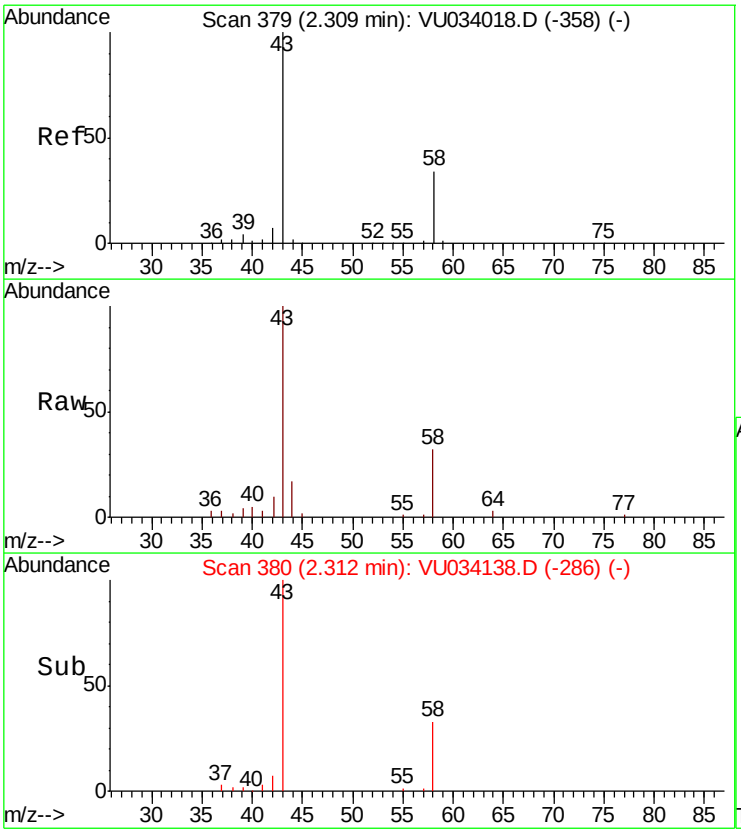
#13
Acrolein
Concen: 0.524 ug/l
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion: 56 Resp: 299

Ion	Ratio	Lower	Upper
56	100		
55	54.5	57.1	85.7#

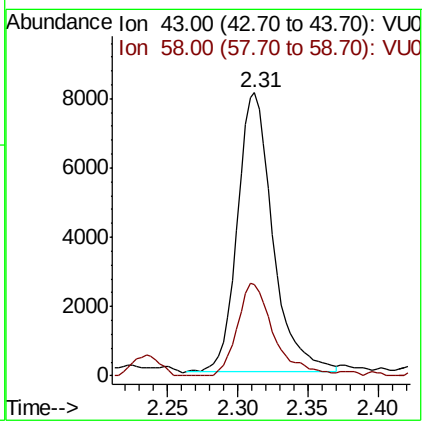


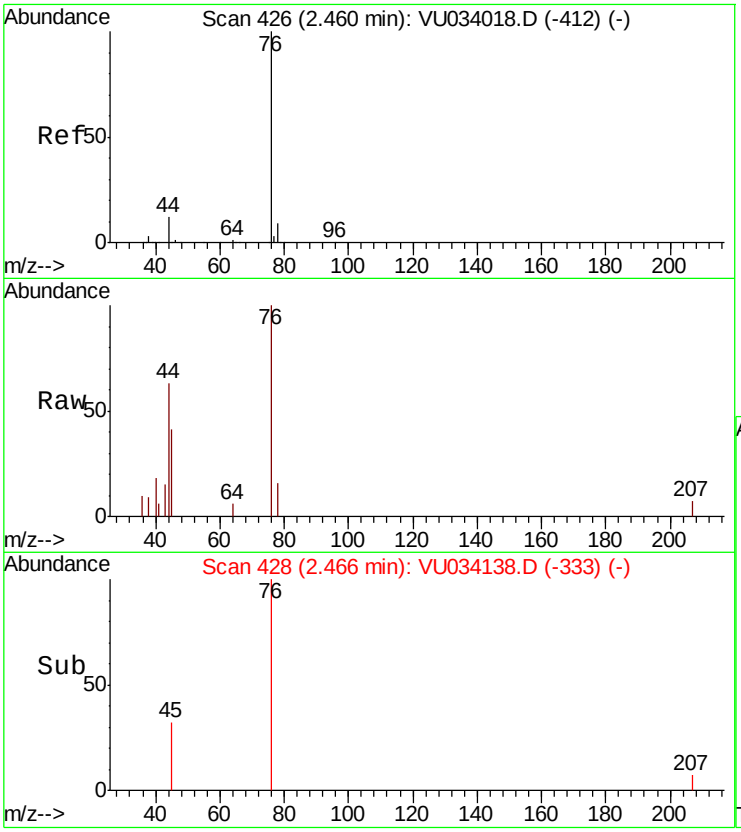


#16
Acetone
Concen: 4.715 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 43 Resp: 14151

Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.8	40.2



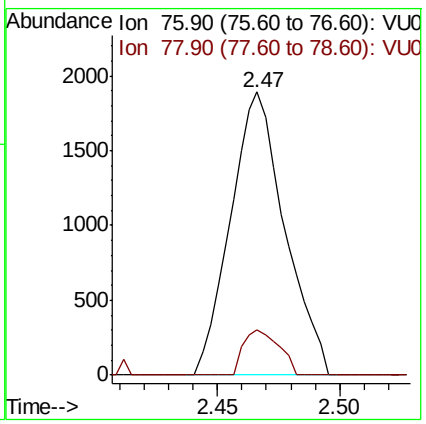


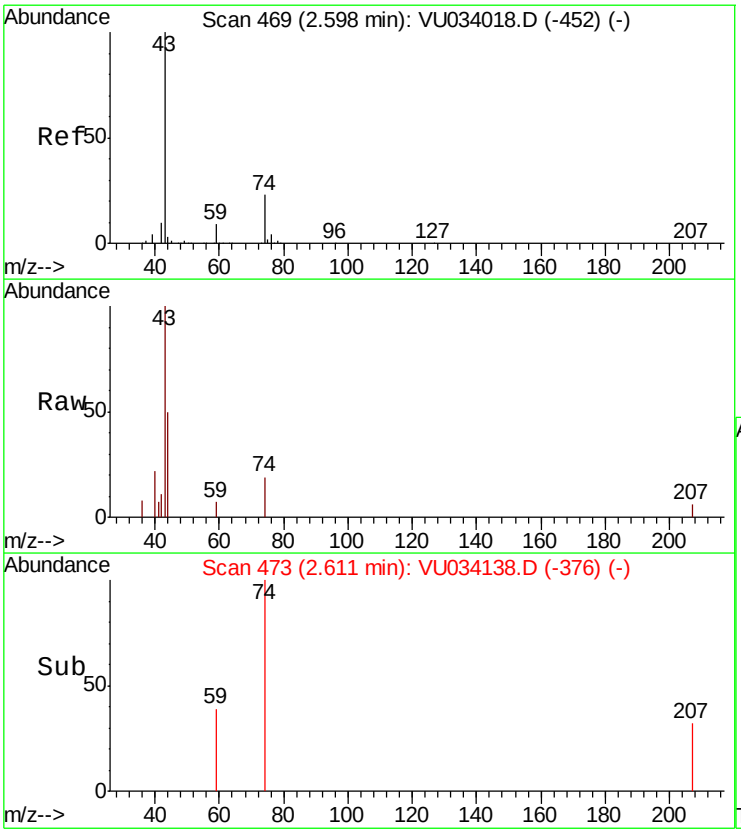
#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument : MSVOA_U
ClientSampleId : OK-02-082919

Tgt Ion: 76 Resp: 2912

Ion	Ratio	Lower	Upper
76	100		
78	15.9	7.1	10.7#

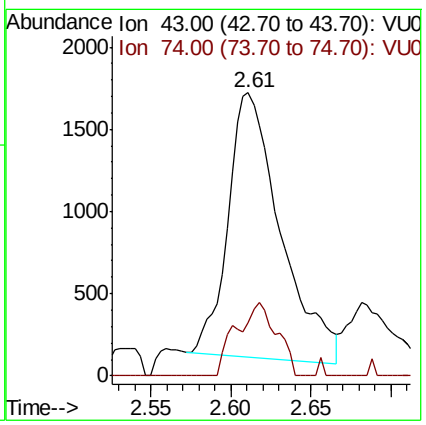


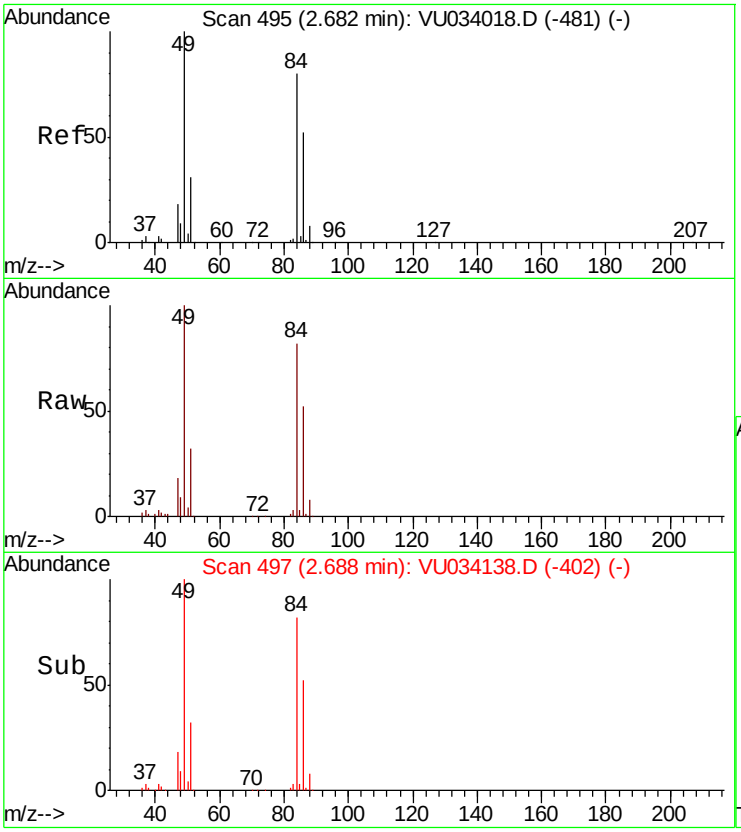


#18
Methyl Acetate
Concen: 0.468 ug/l
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 43 Resp: 3633

Ion	Ratio	Lower	Upper
43	100		
74	21.3	19.2	28.8



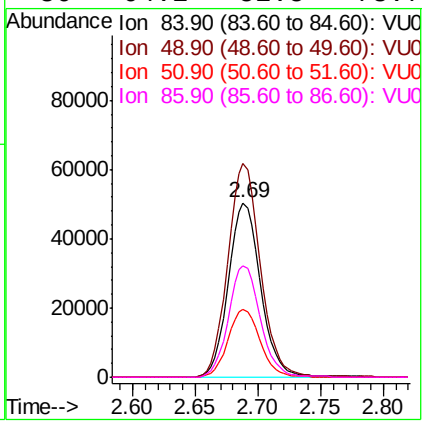


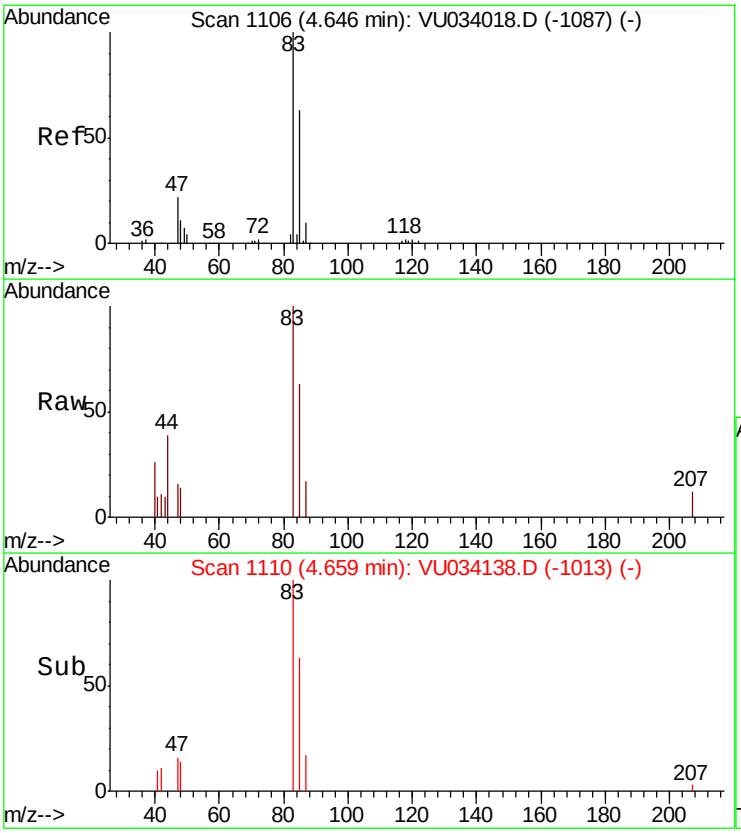
#20
Methylene Chloride
Concen: 15.857 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion: 84 Resp: 90088

Ion	Ratio	Lower	Upper
84	100		
49	122.6	100.2	150.4
51	38.8	30.8	46.2
86	64.2	52.5	78.7

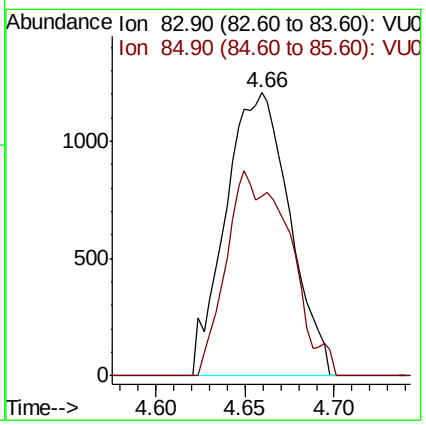


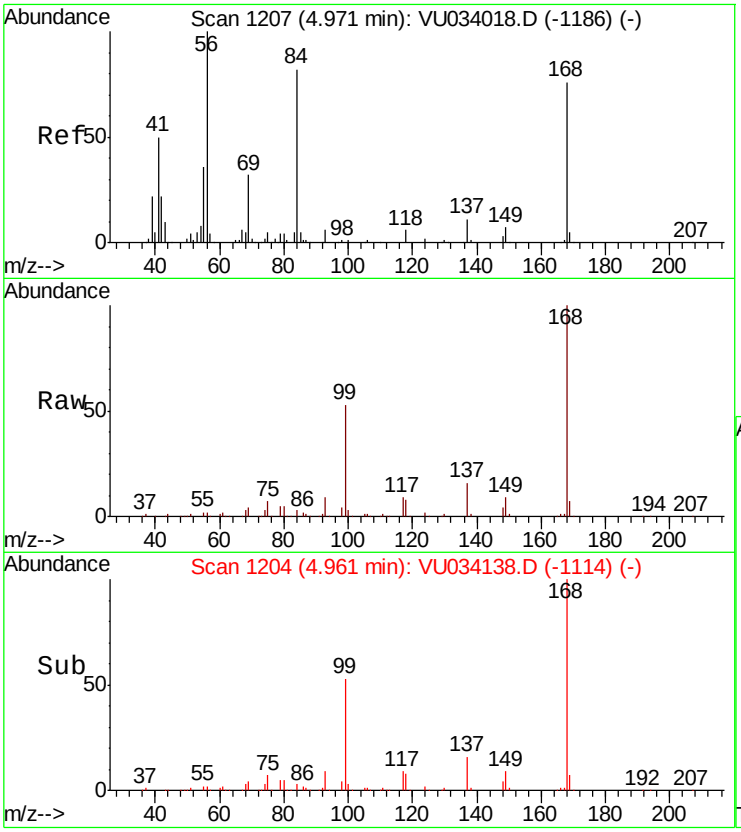


#30
Chloroform
Concen: 0.323 ug/l
RT: 4.66 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 83 Resp: 3016

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.7	76.1



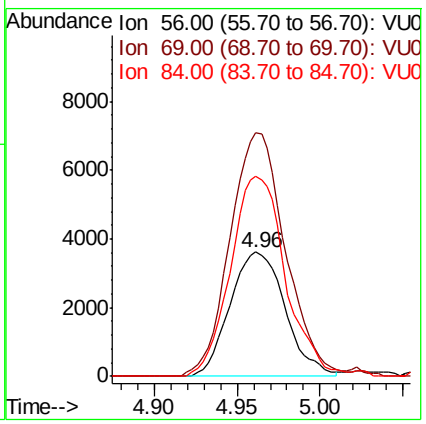


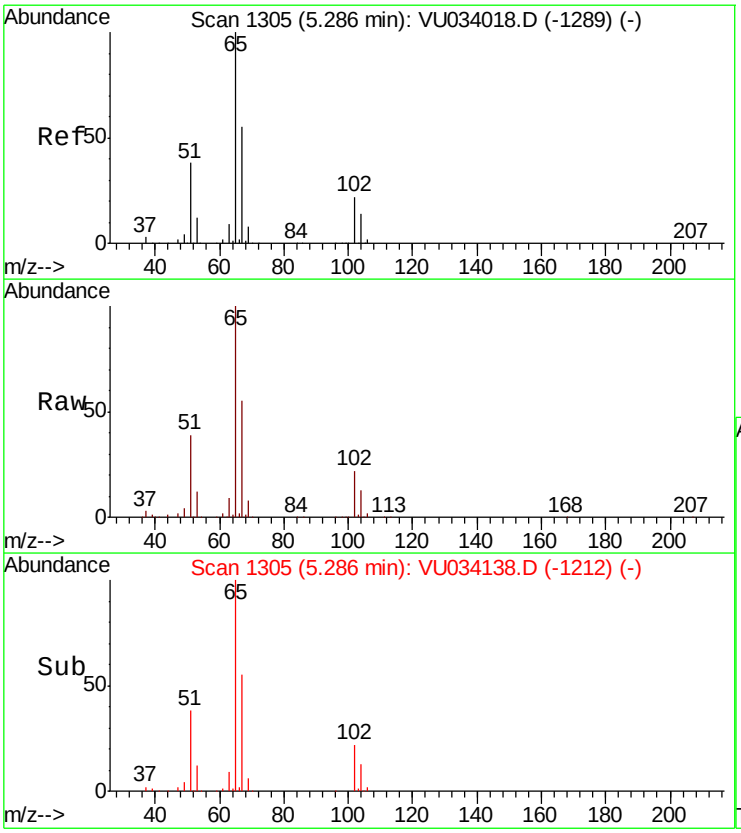
#31
Cyclohexane
Concen: 0.954 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion: 56 Resp: 8377

Ion	Ratio	Lower	Upper
56	100		
69	192.8	25.4	38.0#
84	160.4	65.8	98.8#

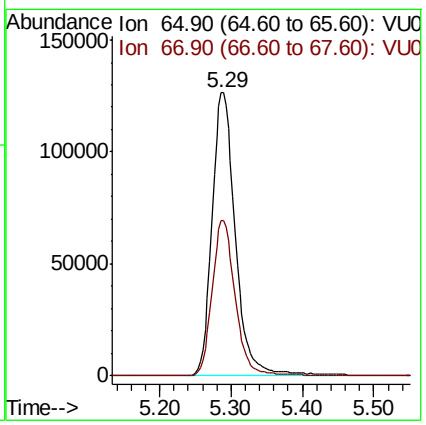


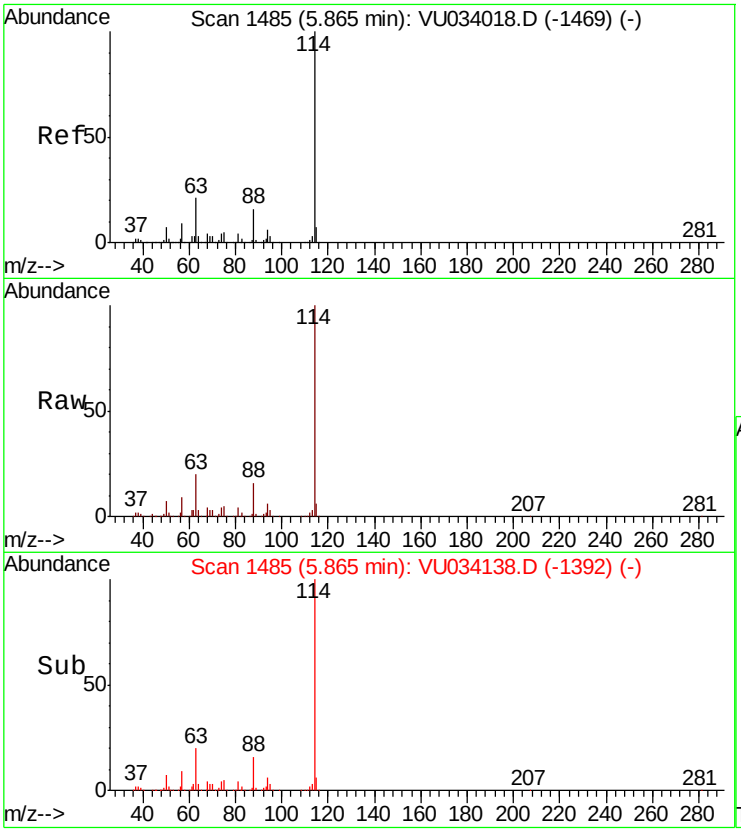


#33
1,2-Dichloroethane-d4
Concen: 48.812 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 65 Resp: 287089

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.6



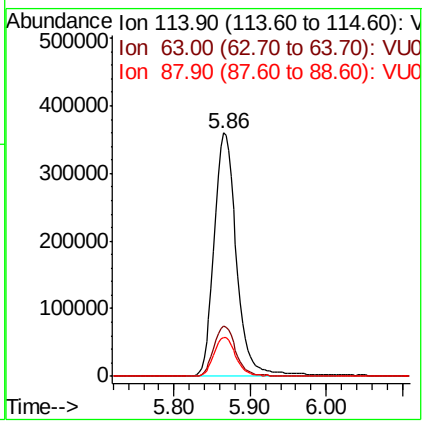


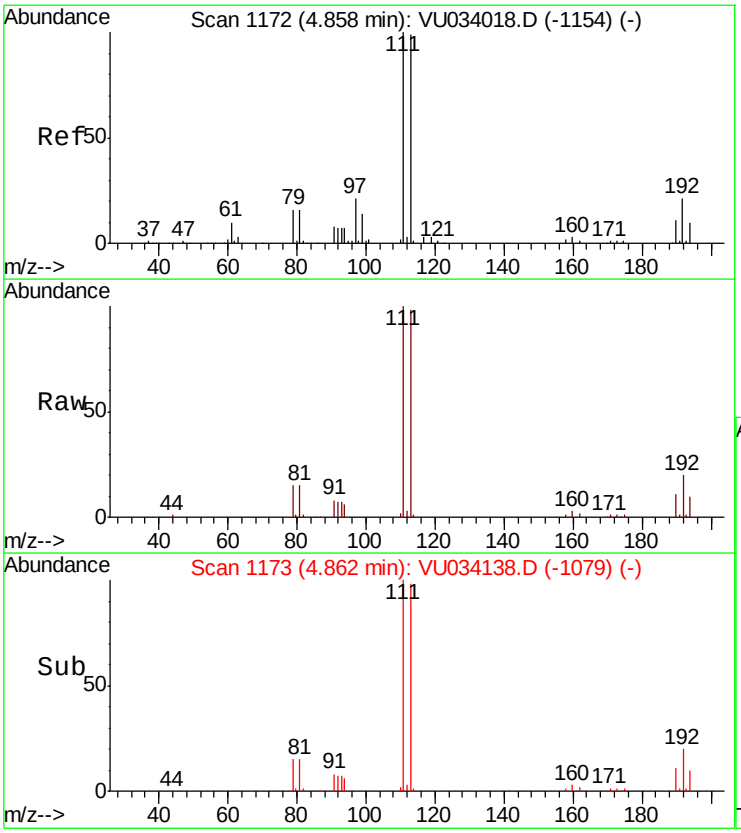
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.86 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion:114 Resp: 737507

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.0
88	16.0	0.0	32.0

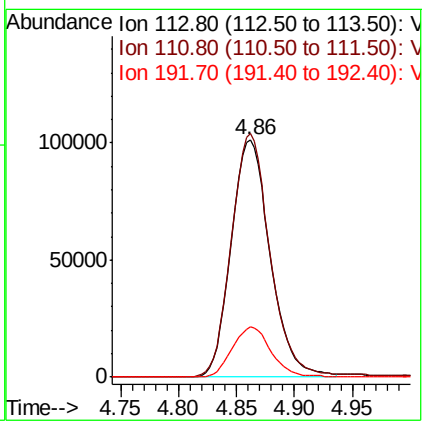


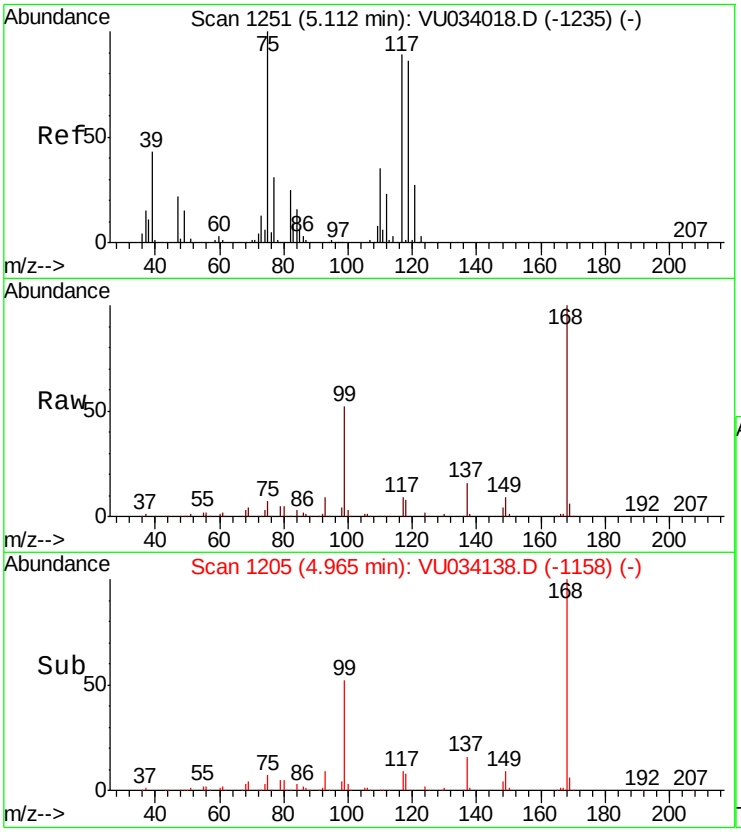


#35
Dibromofluoromethane
Concen: 46.255 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion:113 Resp: 236605

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.7	122.5
192	21.1	17.1	25.7



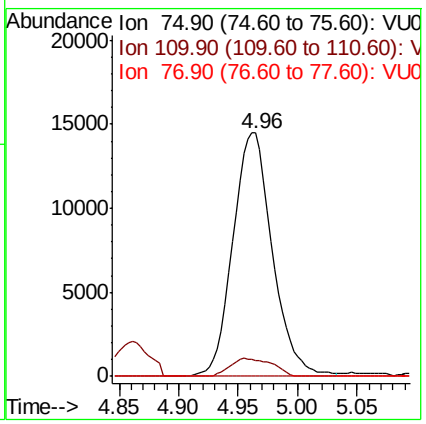


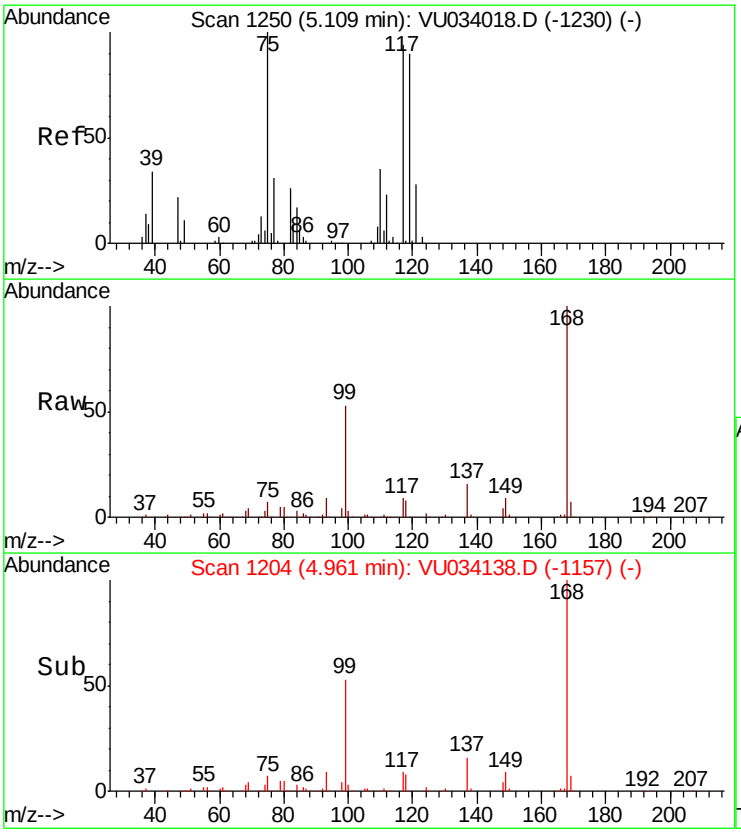
#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.15 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument : MSVOA_U
ClientSampleId : OK-02-082919

Tgt Ion: 75 Resp: 33329

Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.8	53.5#
77	0.0	25.0	37.4#

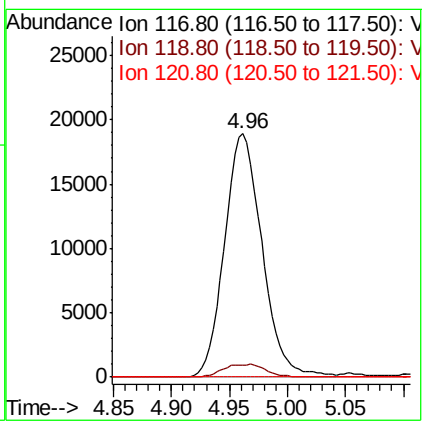


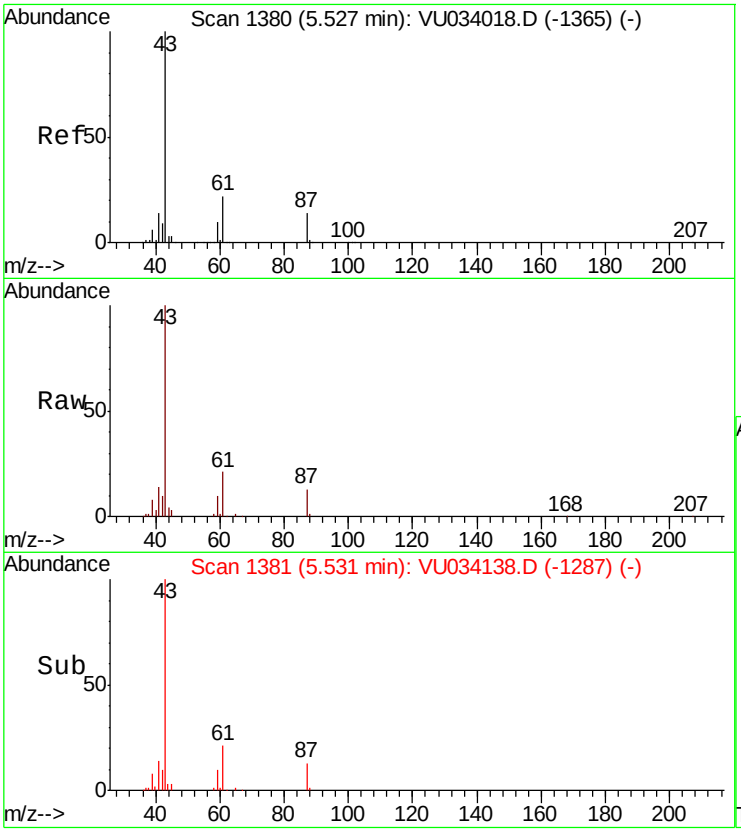


#38
Carbon Tetrachloride
Concen: 6.313 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion:117 Resp: 42510

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.0	115.4#
121	0.0	23.9	35.9#



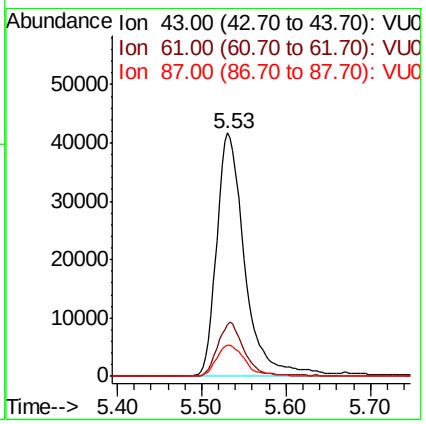


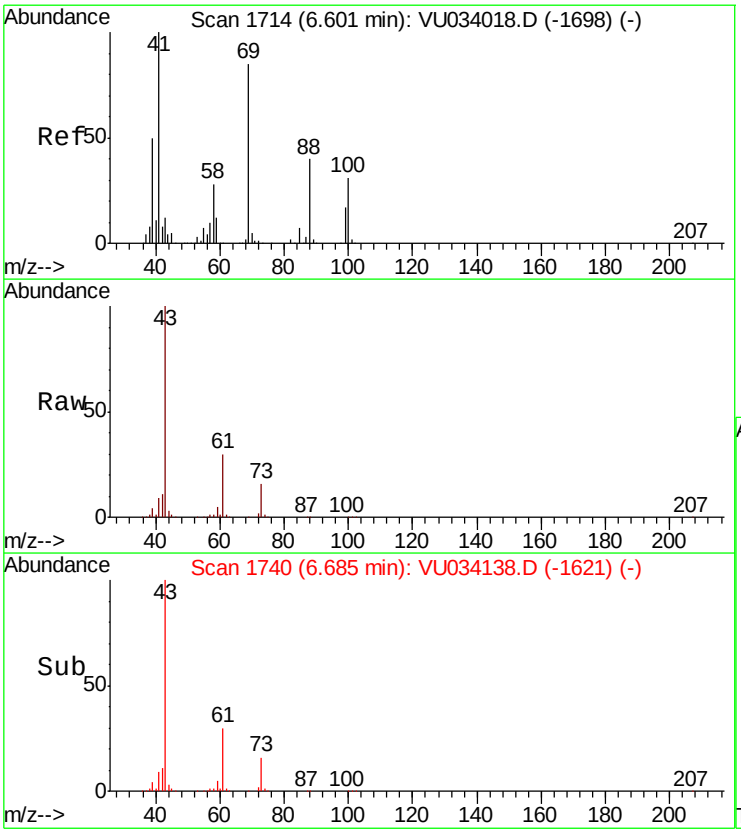
#43
Isopropyl Acetate
Concen: 8.131 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument : MSVOA_U
ClientSampleId : OK-02-082919

Tgt Ion: 43 Resp: 96635

Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.2	25.8
87	13.1	10.8	16.2

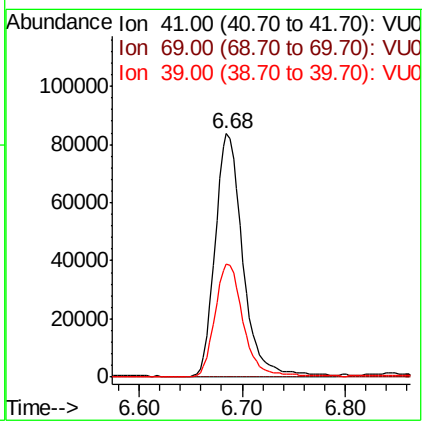


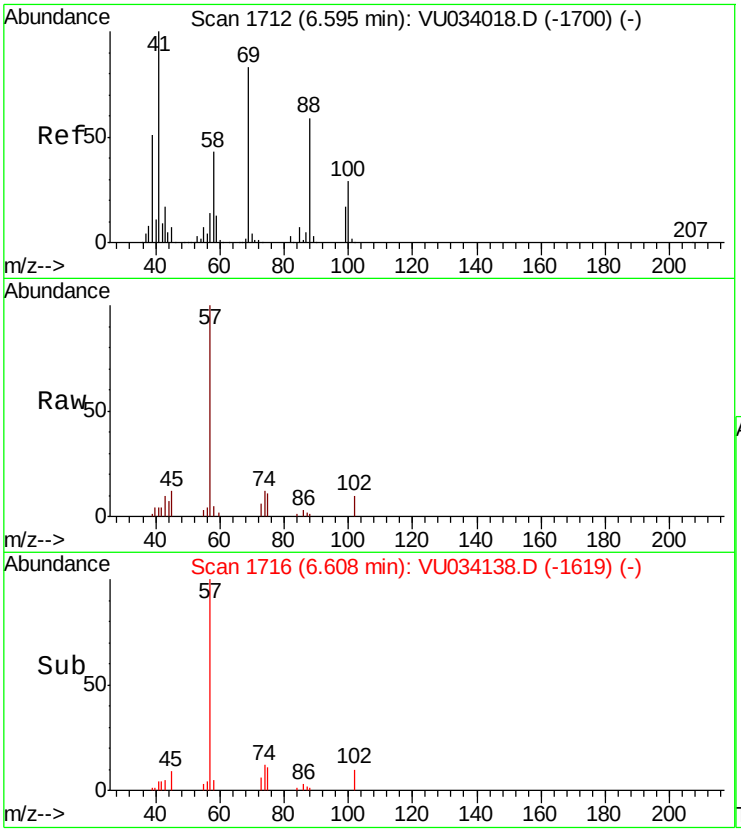


#48
Methyl methacrylate
Concen: 27.097 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 41 Resp: 155396

Ion	Ratio	Lower	Upper
41	100		
69	0.1	69.5	104.3#
39	48.4	40.3	60.5



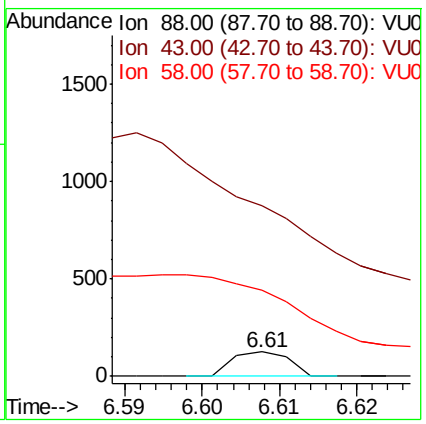


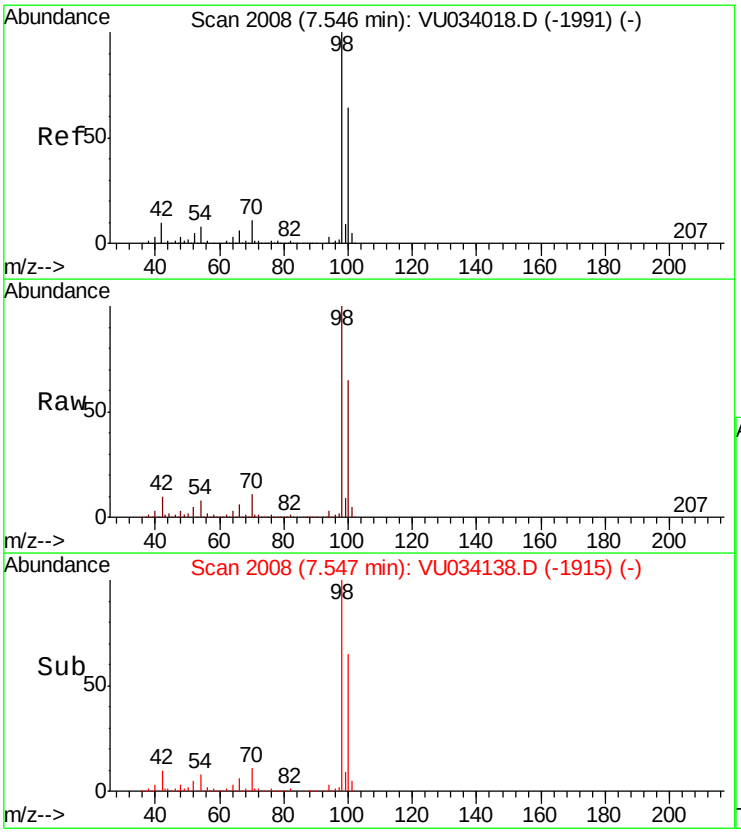
#49
1,4-Dioxane
Concen: 0.438 ug/l
RT: 6.61 min Scan# 1716
Delta R.T. 0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.8	37.2#
58	0.0	59.3	88.9#

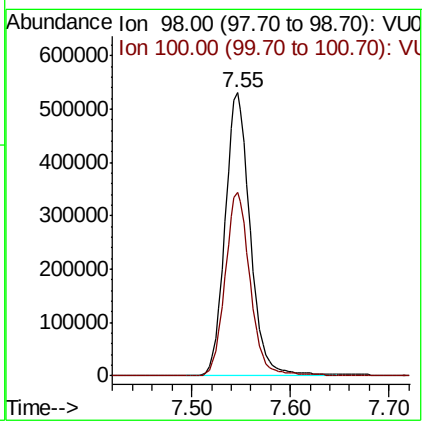


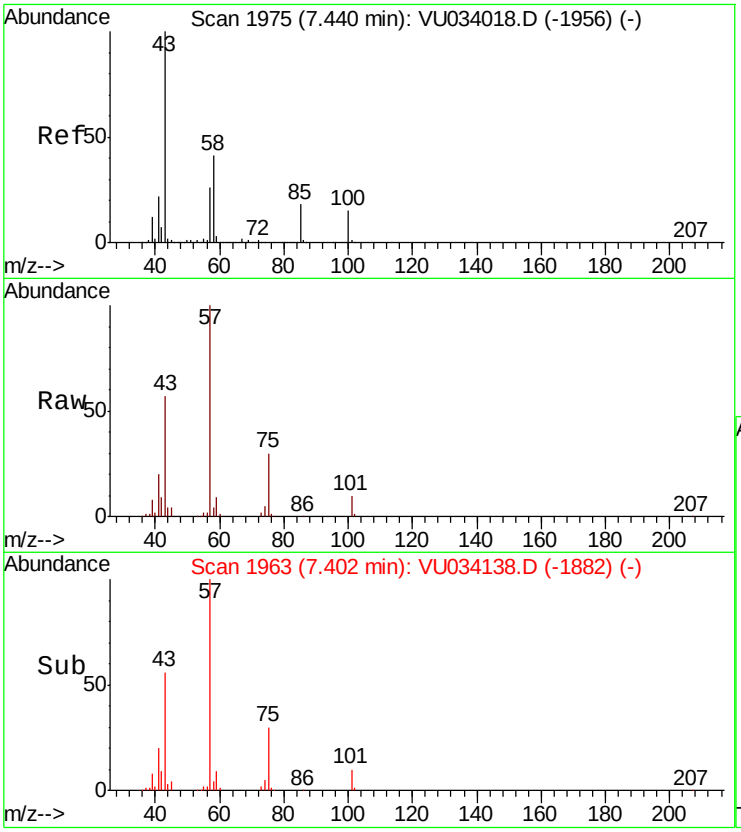


#50
Toluene-d8
Concen: 49.332 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 98 Resp: 944888

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.3	75.5



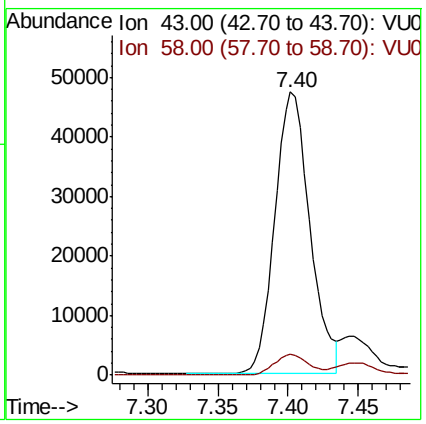


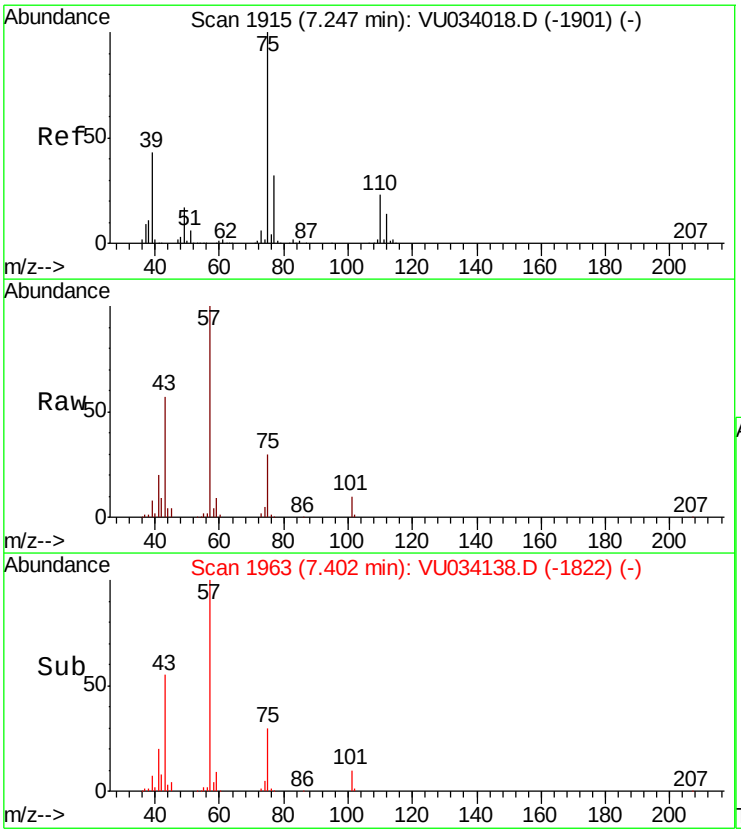
#51
4-Methyl-2-Pentanone
Concen: 9.941 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion: 43 Resp: 81593

Ion	Ratio	Lower	Upper
43	100		
58	7.0	32.2	48.4#

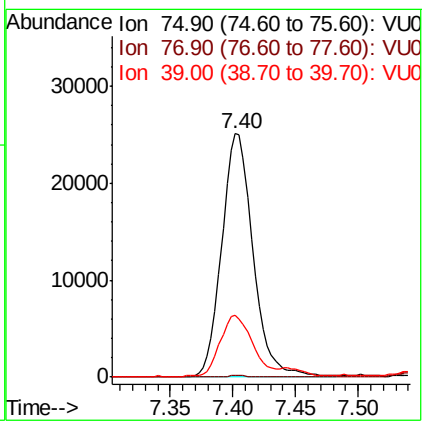


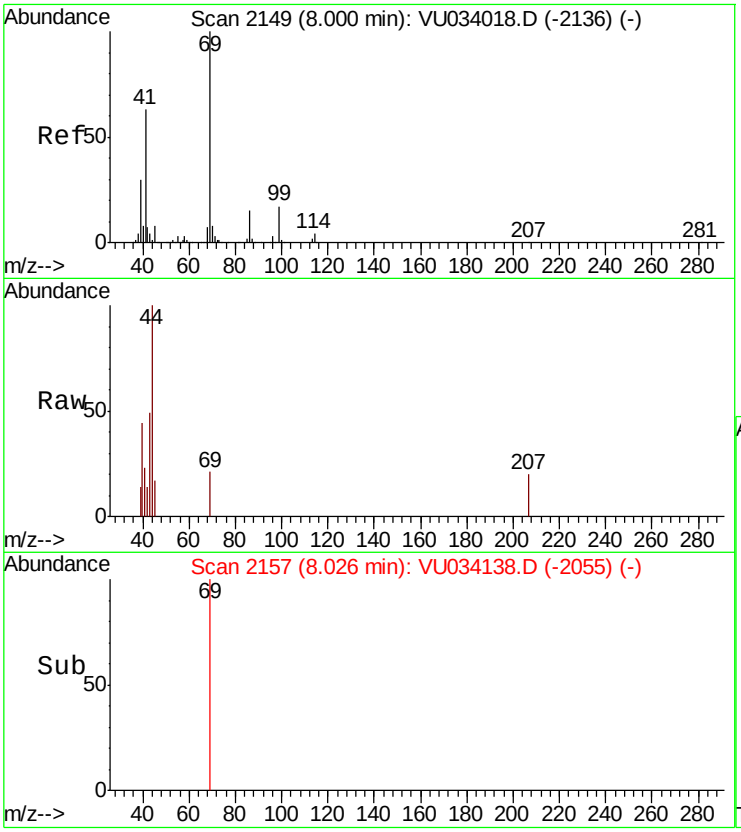


#54
cis-1,3-Dichloropropene
Concen: 4.913 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 75 Resp: 43617

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.2	37.8#
39	24.6	34.6	51.8#



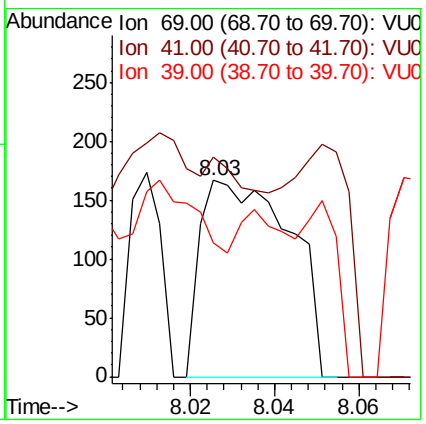


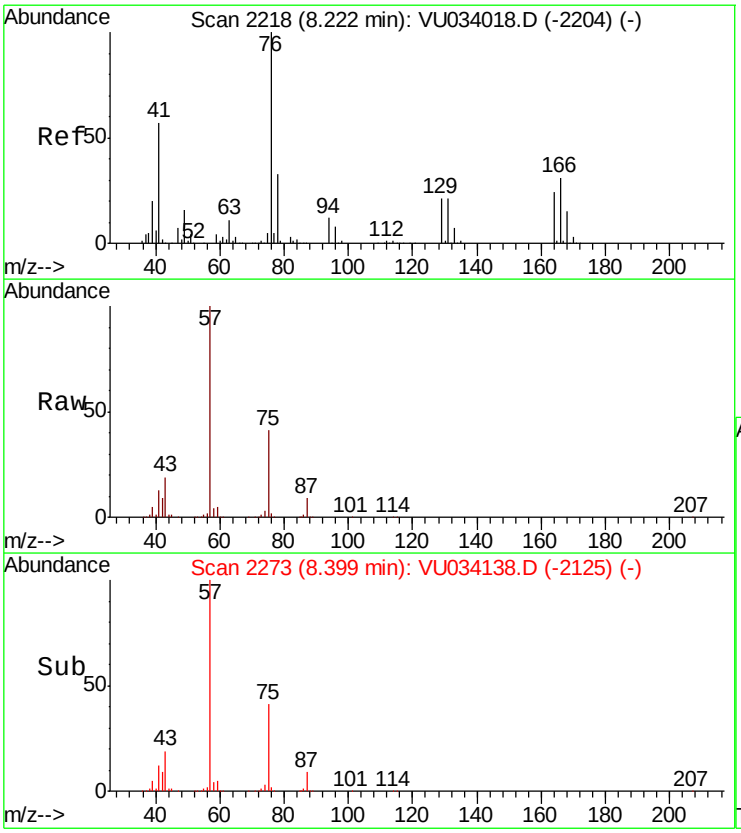
#56
Ethyl methacrylate
Concen: 0.998 ug/l
RT: 8.03 min Scan# 2157
Delta R.T. 0.03 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument : MSVOA_U
ClientSampleId : OK-02-082919

Tgt Ion: 69 Resp: 246

Ion	Ratio	Lower	Upper
69	100		
41	0.0	50.7	76.1#
39	0.0	24.2	36.2#

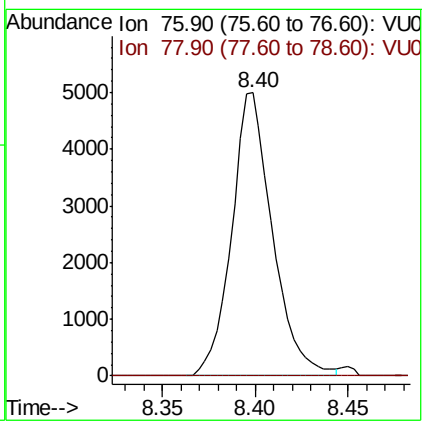


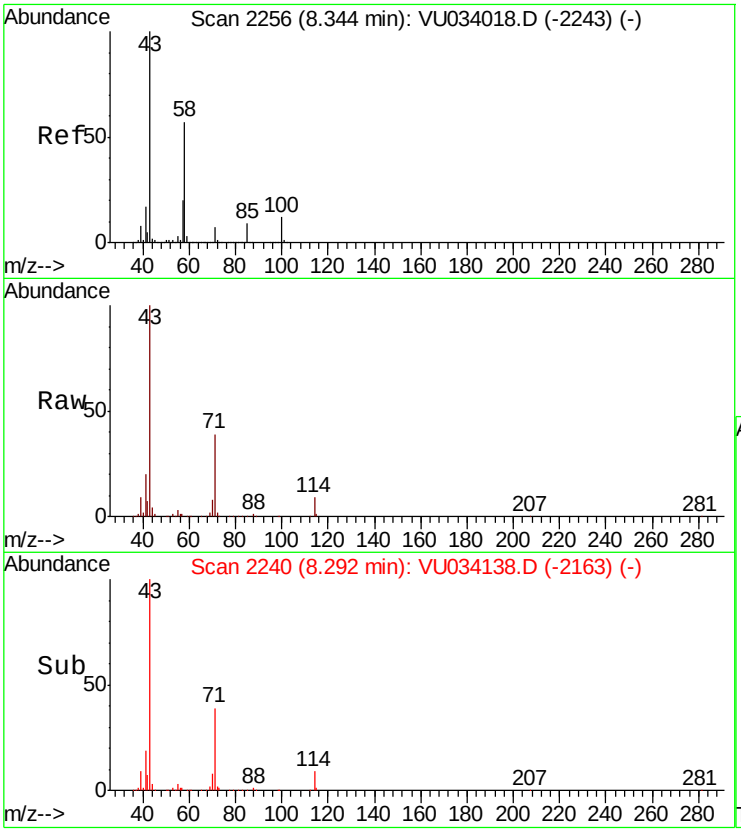


#57
1,3-Dichloropropane
Concen: 0.819 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.18 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 76 Resp: 7648

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#



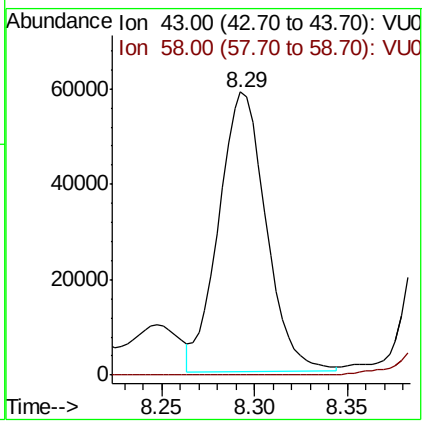


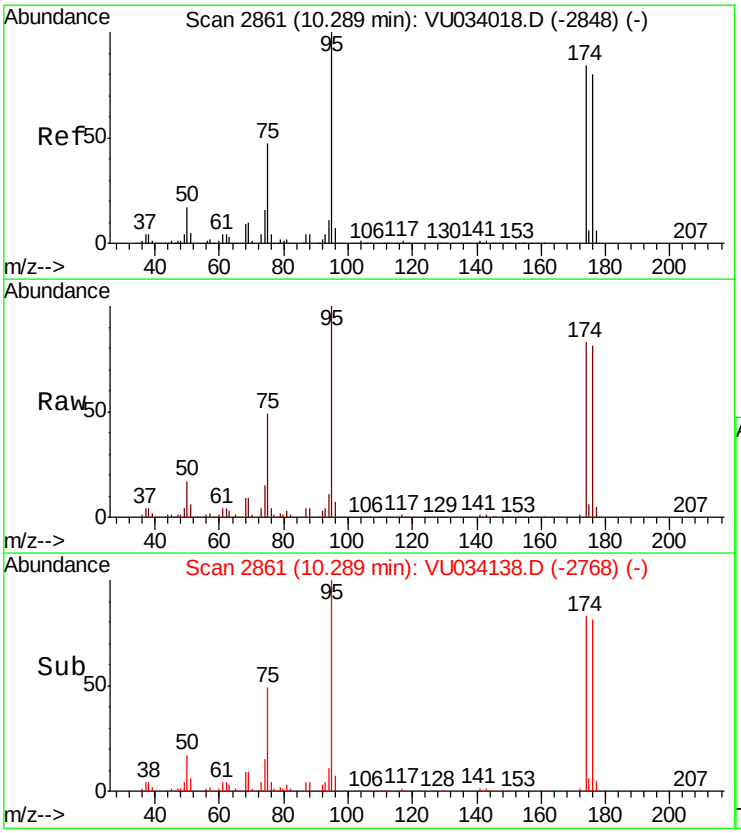
#59
2-Hexanone
Concen: 16.762 ug/l
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument : MSVOA_U
ClientSampleId : OK-02-082919

Tgt Ion: 43 Resp: 103854

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	85.3#

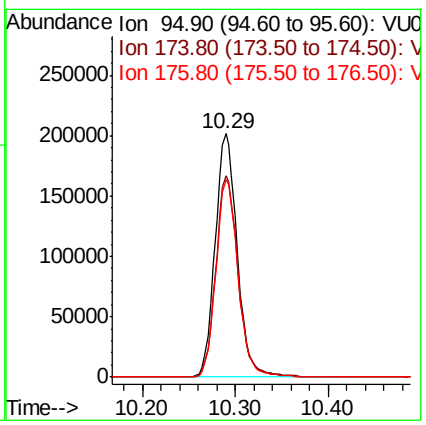


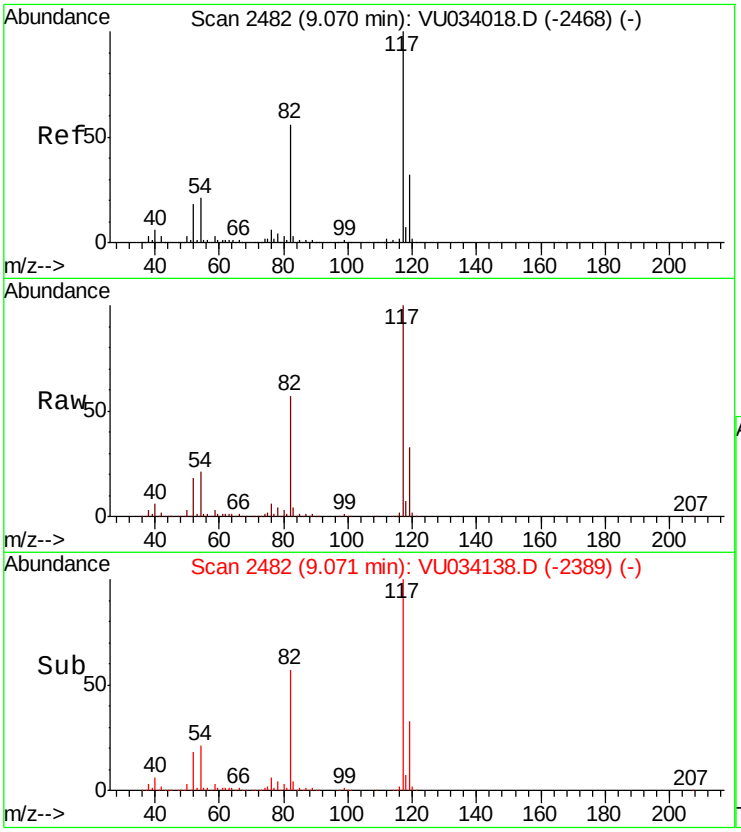


#62
4-Bromofluorobenzene
Concen: 44.712 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 95 Resp: 333130

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	168.8
176	81.3	0.0	161.8



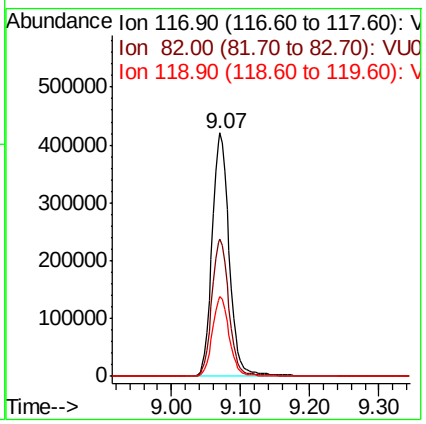


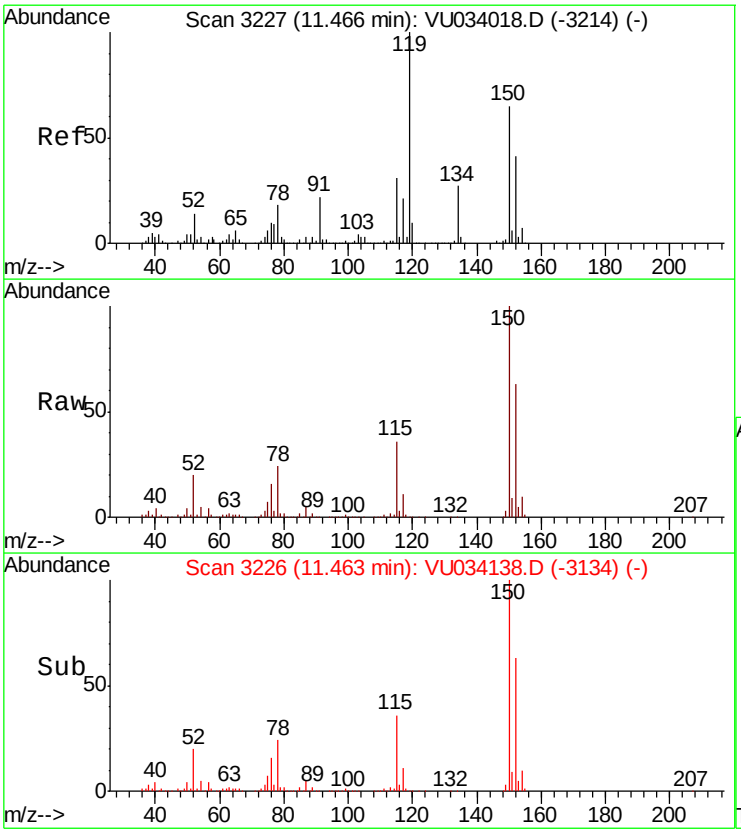
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument : MSVOA_U
ClientSampleId : OK-02-082919

Tgt Ion:117 Resp: 721763

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.1	67.7
119	33.0	25.4	38.0

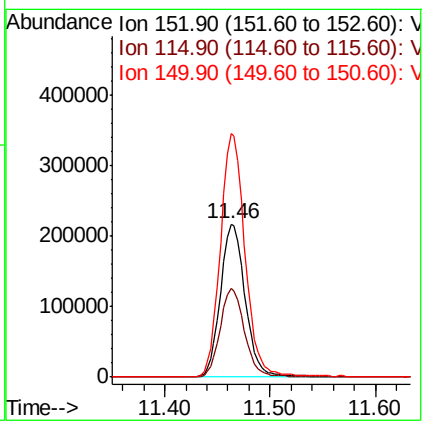


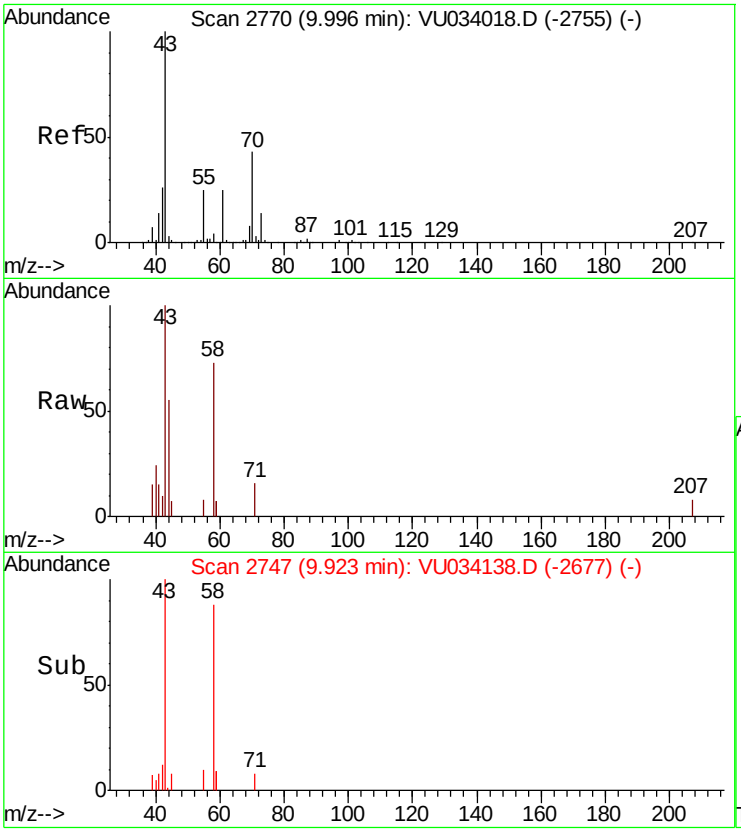


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion:152 Resp: 354438

Ion	Ratio	Lower	Upper
152	100		
115	57.2	41.1	123.3
150	157.8	0.0	348.8



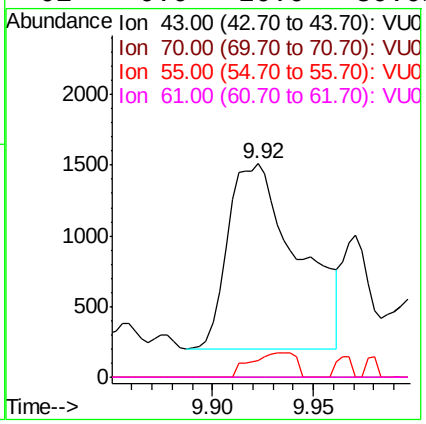


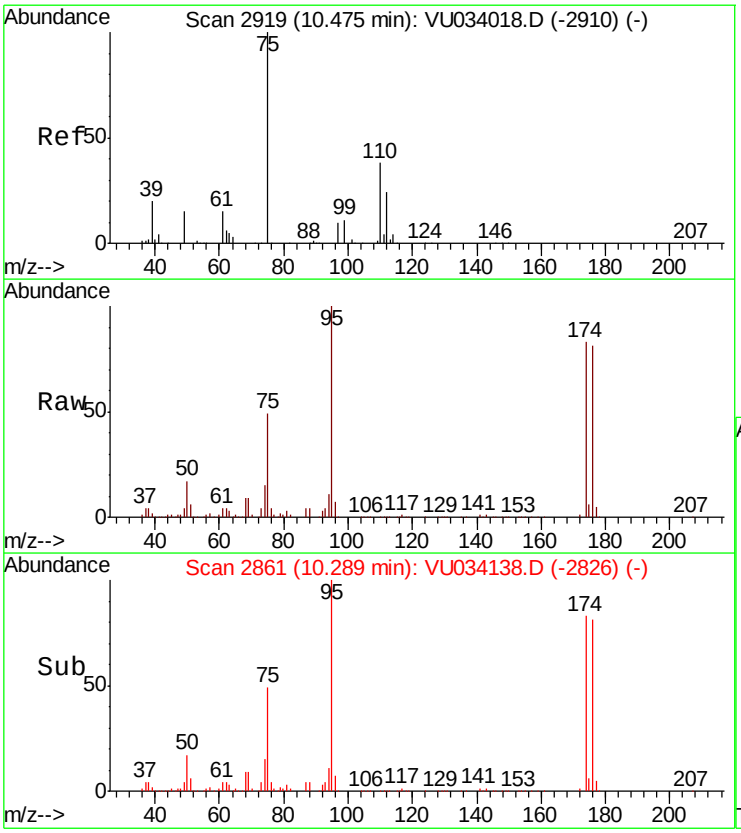
#74
N-amyl acetate
Concen: 0.317 ug/l
RT: 9.92 min Scan# 2747
Delta R.T. -0.07 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument : MSVOA_U
ClientSampleId : OK-02-082919

Tgt Ion: 43 Resp: 3175

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.2	52.8#
55	8.6	20.5	30.7#
61	0.0	20.0	30.0#

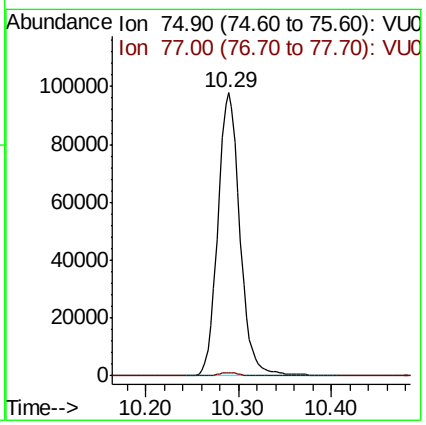


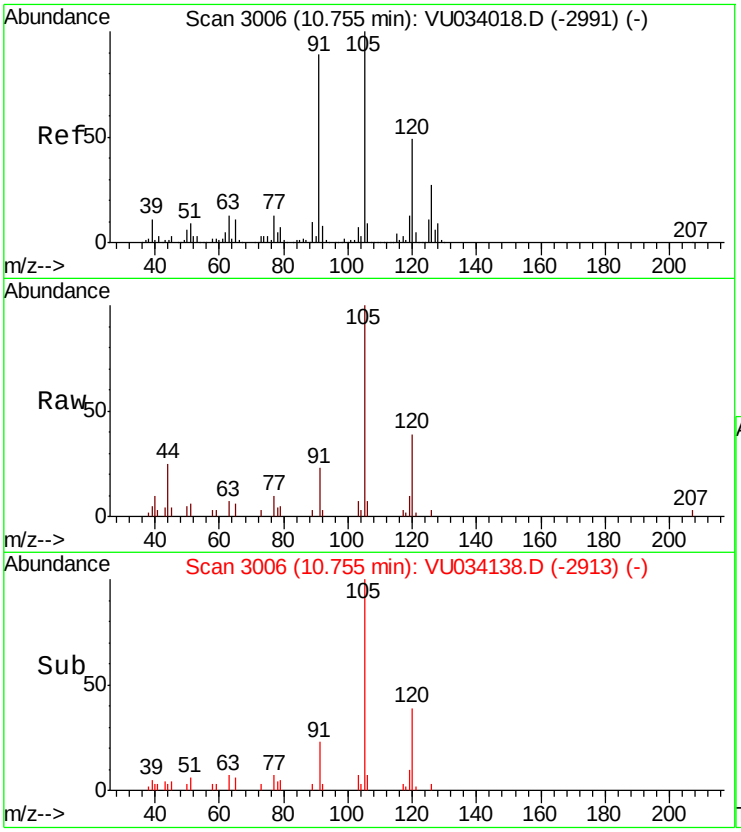


#76
1,2,3-Trichloropropane
Concen: 20.227 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 75 Resp: 161580

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.1	60.2#



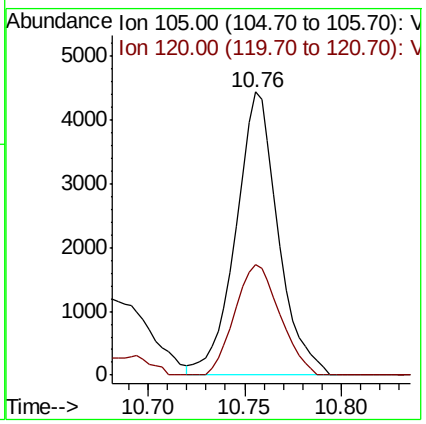


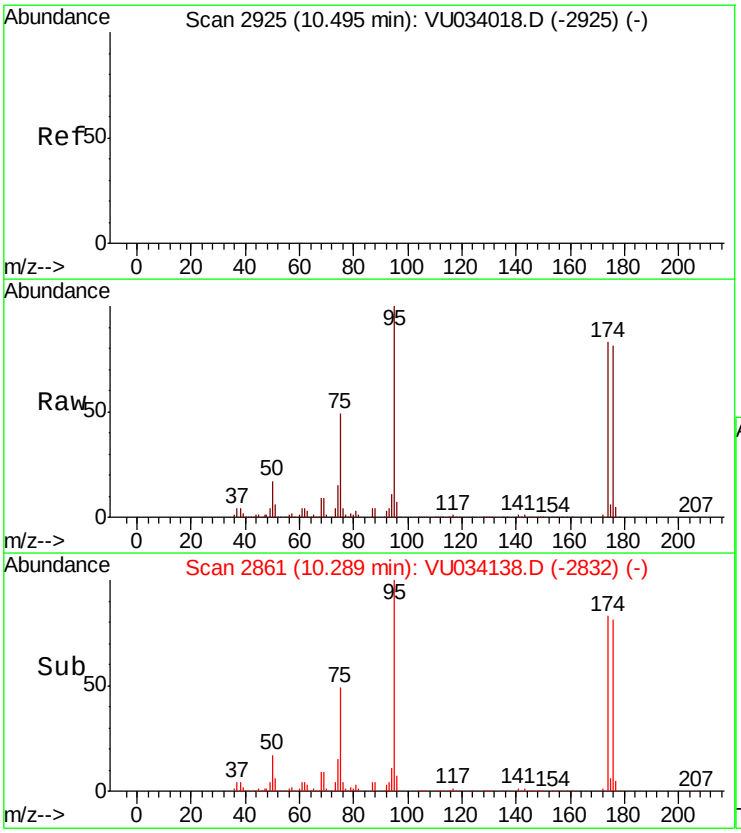
#80
1,3,5-Trimethylbenzene
Concen: 0.335 ug/l
RT: 10.76 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion:105 Resp: 6769

Ion	Ratio	Lower	Upper
105	100		
120	41.5	24.6	73.6

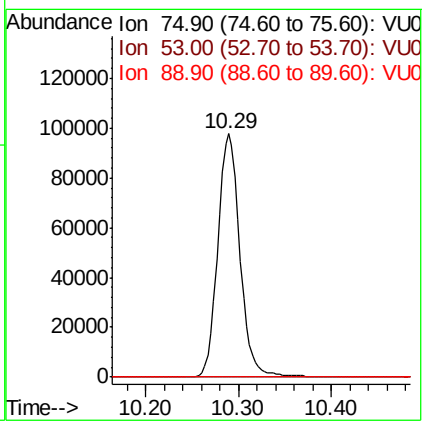


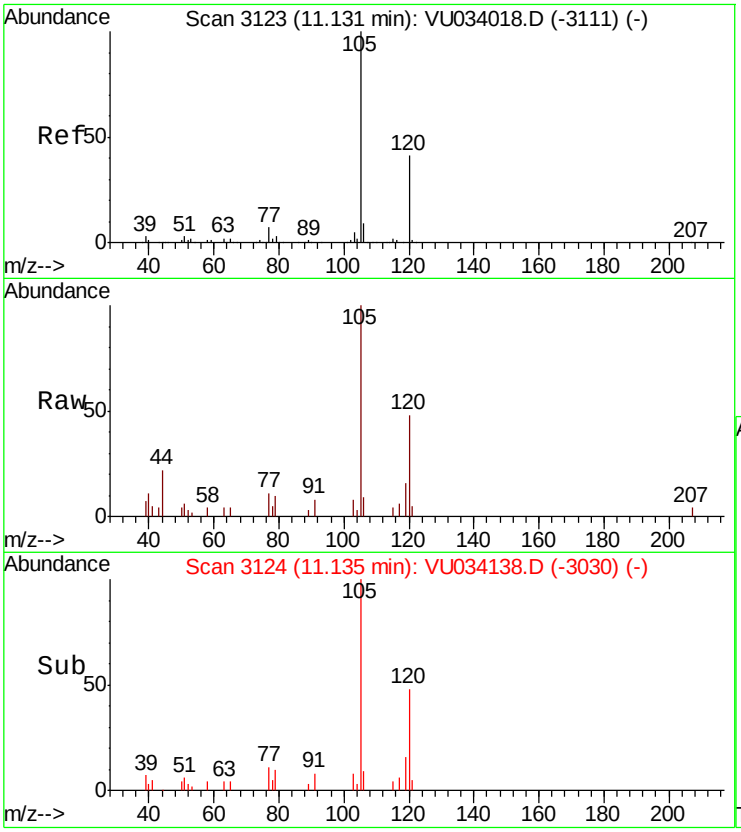


#81
trans-1,4-Dichloro-2-butene
Concen: 68.108 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.21 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion: 75 Resp: 161580

Ion	Ratio	Lower	Upper
75	100		
53	0.2	0.0	0.0#
89	0.0	0.0	0.0



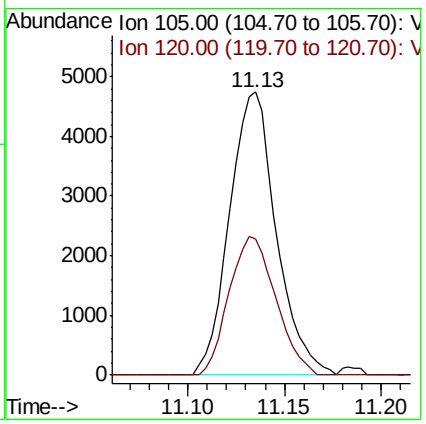


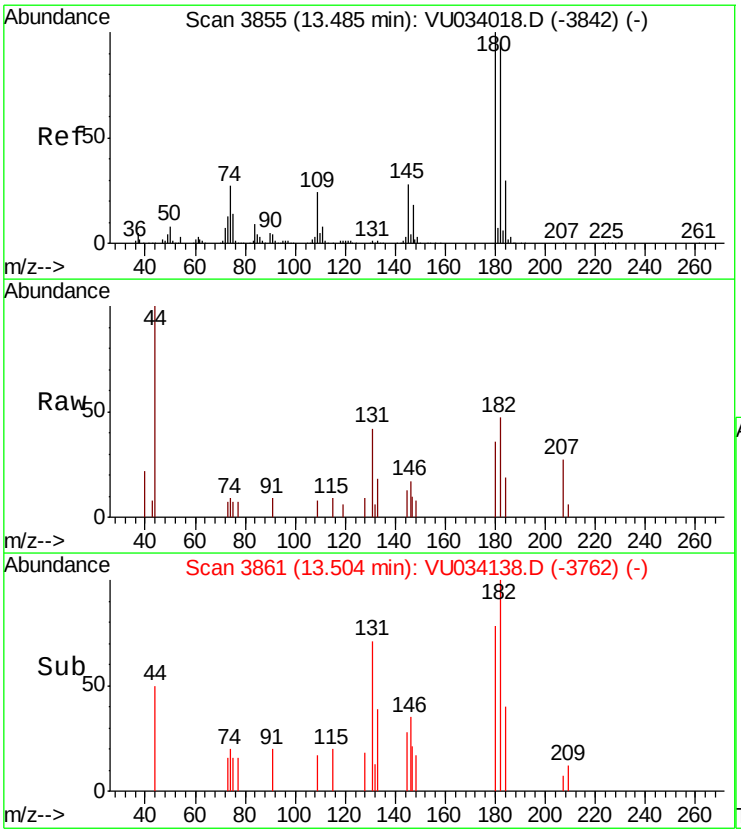
#84
1,2,4-Trimethylbenzene
Concen: 0.398 ug/l
RT: 11.13 min Scan# 3124
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion:105 Resp: 7977

Ion	Ratio	Lower	Upper
105	100		
120	48.9	22.6	67.8

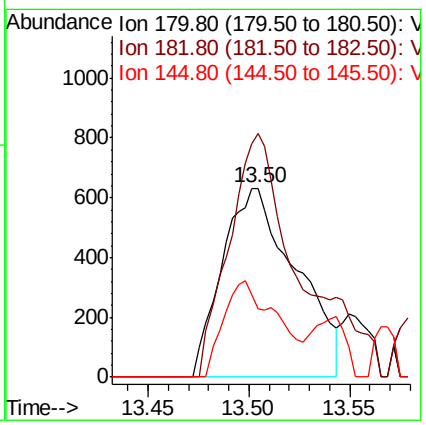


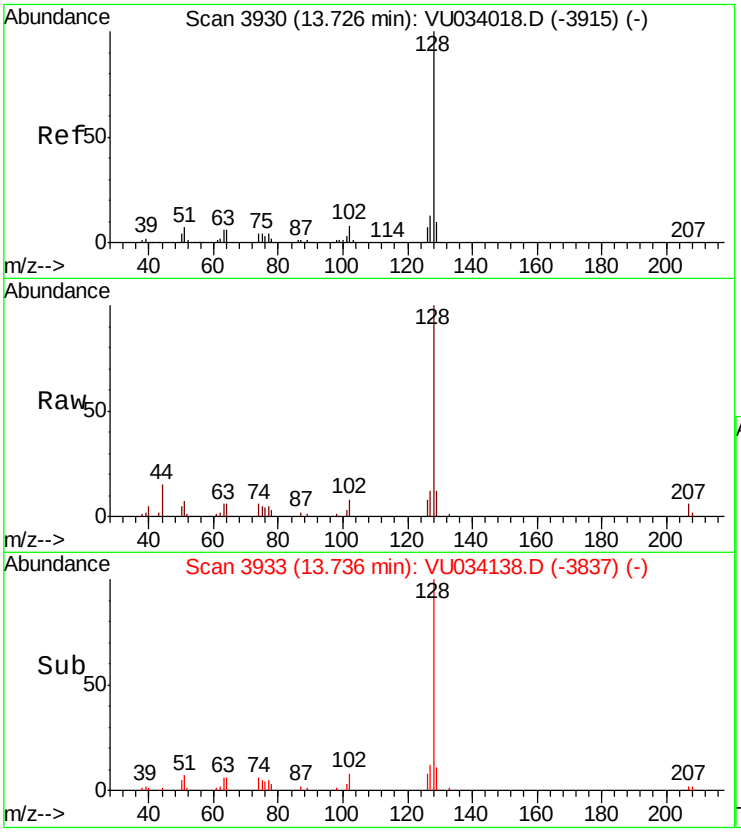


#93
1,2,4-Trichlorobenzene
Concen: 1.318 ug/l
RT: 13.50 min Scan# 3861
Delta R.T. 0.02 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion:180 Resp: 1615

Ion	Ratio	Lower	Upper
180	100		
182	123.3	47.4	142.2
145	37.5	14.1	42.3



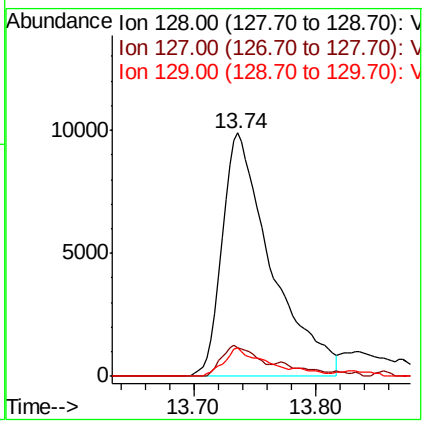


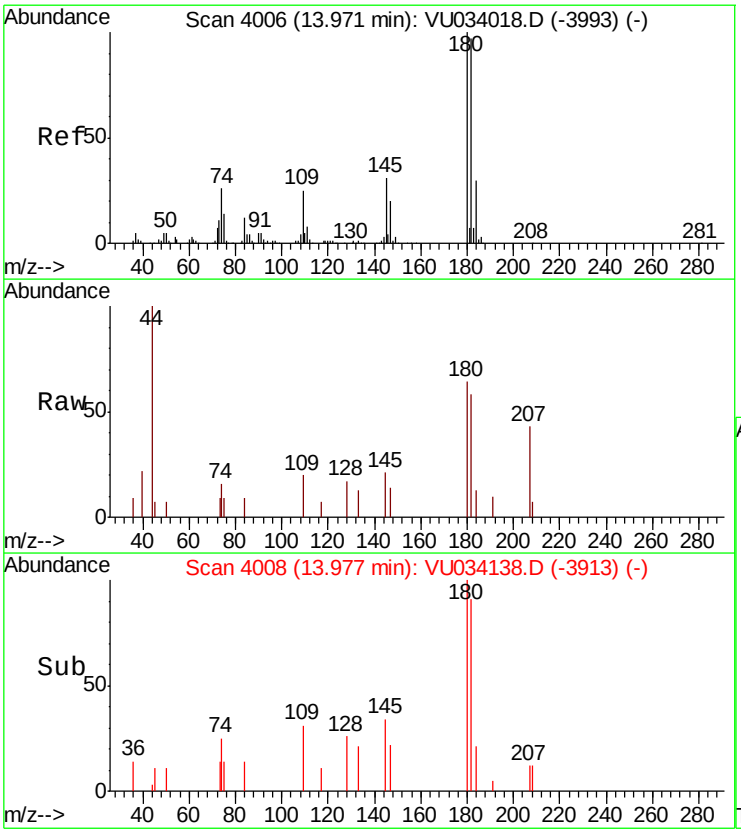
#95
Naphthalene
Concen: 2.999 ug/l
RT: 13.74 min Scan# 3933
Delta R.T. 0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tgt Ion:128 Resp: 27751

Ion	Ratio	Lower	Upper
128	100		
127	9.3	10.2	15.4#
129	9.2	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 0.275 ug/l
RT: 13.98 min Scan# 4008
Delta R.T. 0.01 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion:180 Resp: 1912

Ion	Ratio	Lower	Upper
180	100		
182	127.8	48.2	144.6
145	56.3	15.5	46.5#