Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082919\
Data File : VU034042.D
Acq On : 28 Aug 2019 22:44
Operator : JC/SP
Sample : K4525-32
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T9-12-13-B2-(0)

Quant Time: Aug 29 04:21:06 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	472193	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.87	114	768769	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.07	117	750173	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	369361	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.29	65	303503	50.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.32%				
35) Dibromofluoromethane	4.86	113	250060	46.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.80%				
50) Toluene-d8	7.55	98	990019	49.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.18%				
62) 4-Bromofluorobenzene	10.29	95	344692	44.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.76%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	542	Below Cal		#	84
5) Bromomethane	1.63	94	583	Below Cal			96
8) Diethyl Ether	2.09	74	748	0.239	ug/l		51
11) Tert butyl alcohol	2.82	59	3610	2.587	ug/l	#	75
13) Acrolein	2.19	56	139	0.237	ug/l	#	53
16) Acetone	2.31	43	18177	5.888	ug/l		97
18) Methyl Acetate	2.61	43	3883	0.487	ug/l		99
20) Methylene Chloride	2.69	84	26009	4.450	ug/l		99
31) Cyclohexane	4.96	56	8772	0.971	ug/l	#	1
36) 1,1-Dichloropropene	4.96	75	34595	4.758	ug/l	#	49
38) Carbon Tetrachloride	4.96	117	42559	6.063	ug/l	#	16
43) Isopropyl Acetate	5.53	43	102161	8.247	ug/l		99
48) Methyl methacrylate	6.68	41	176953	29.601	ug/l	#	40
49) 1,4-Dioxane	6.67	88	77	0.514	ug/l	#	22
51) 4-Methyl-2-Pentanone	7.40	43	96083	11.231	ug/l	#	46
54) cis-1,3-Dichloropropene	7.40	75	45790	4.948	ug/l	#	65
56) Ethyl methacrylate	8.14	69	2372	1.216	ug/l	#	1
57) 1,3-Dichloropropane	8.40	76	8080	0.830	ug/l	#	42
59) 2-Hexanone	8.40	43	109362	16.933	ug/l	#	53
74) N-amyl acetate	9.92	43	3101	0.297	ug/l	#	44
76) 1,2,3-Trichloropropane	10.29	75	167396	20.108	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	10.29	75	167396	67.709	ug/l	#	100
95) Naphthalene	13.79	128	103	1.794	ug/l	#	70

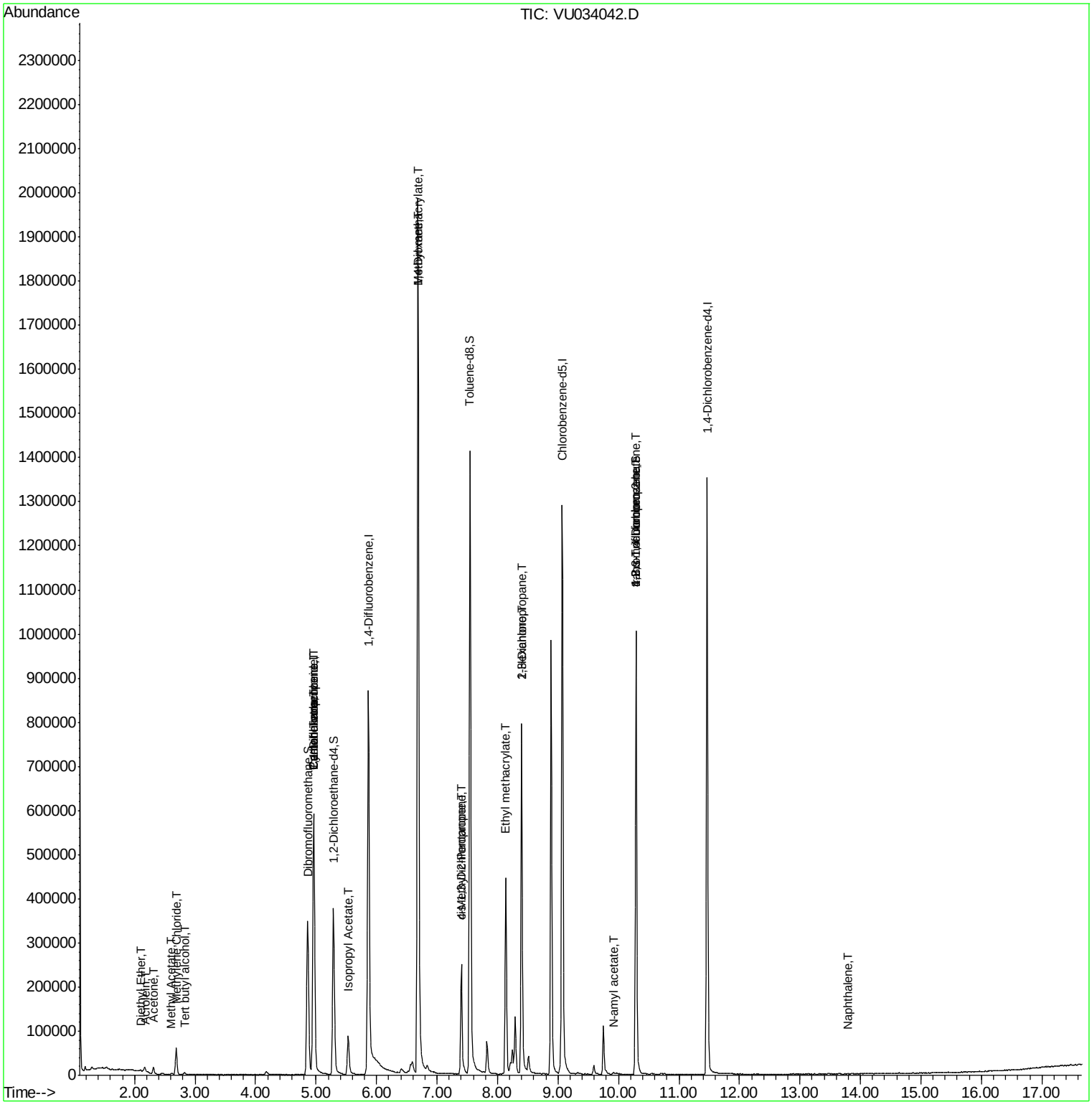
(#) = qualifier out of range (m) = manual integration (+) = signals summed

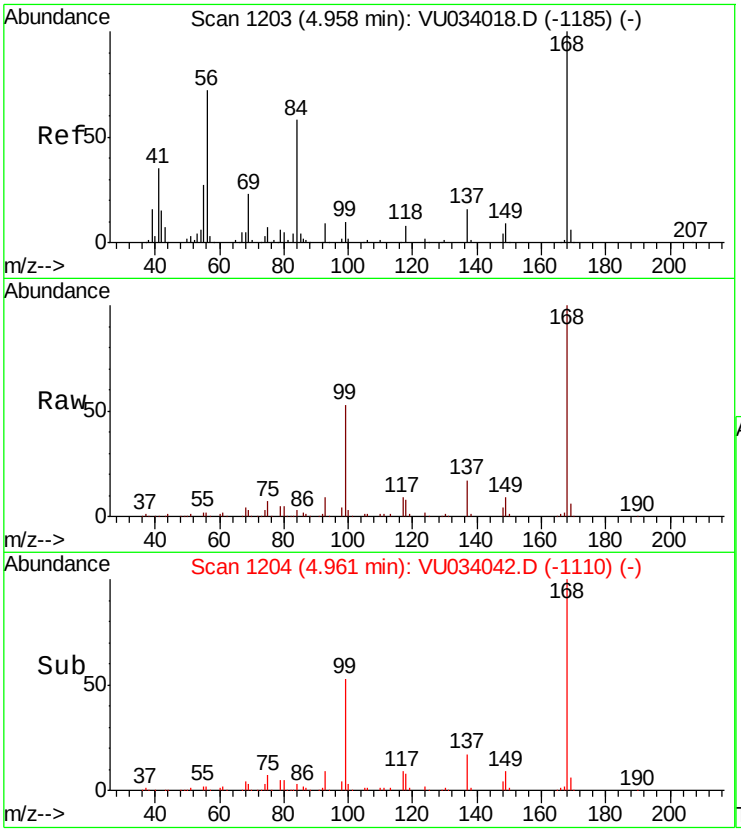
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082919\
Data File : VU034042.D
Acq On : 28 Aug 2019 22:44
Operator : JC/SP
Sample : K4525-32
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Quant Time: Aug 29 04:21:06 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



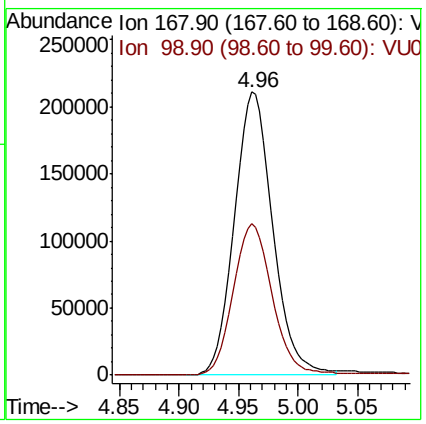


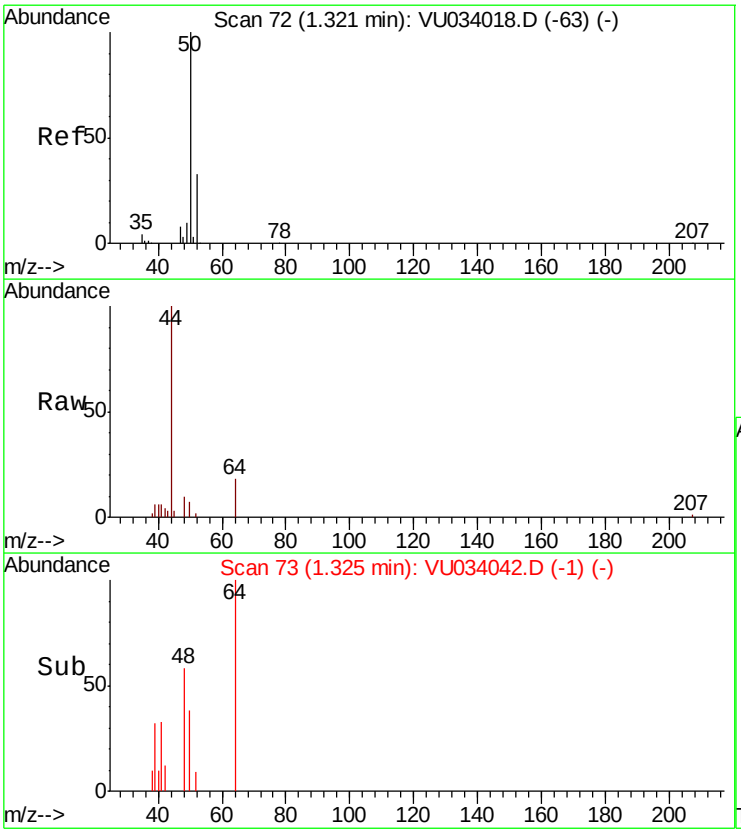
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion:168 Resp: 472193

Ion	Ratio	Lower	Upper
168	100		
99	53.3	42.3	63.5

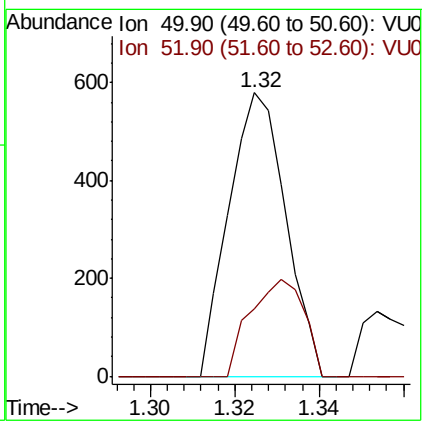


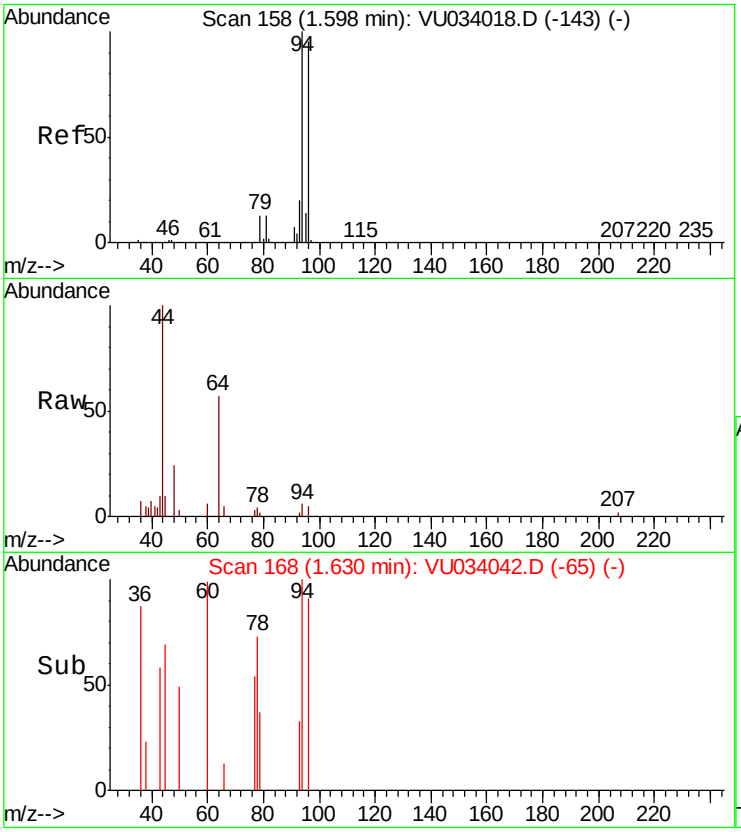


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 50 Resp: 542

Ion	Ratio	Lower	Upper
50	100		
52	23.7	26.2	39.4#



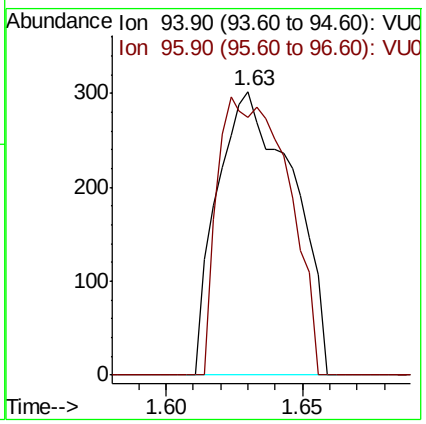


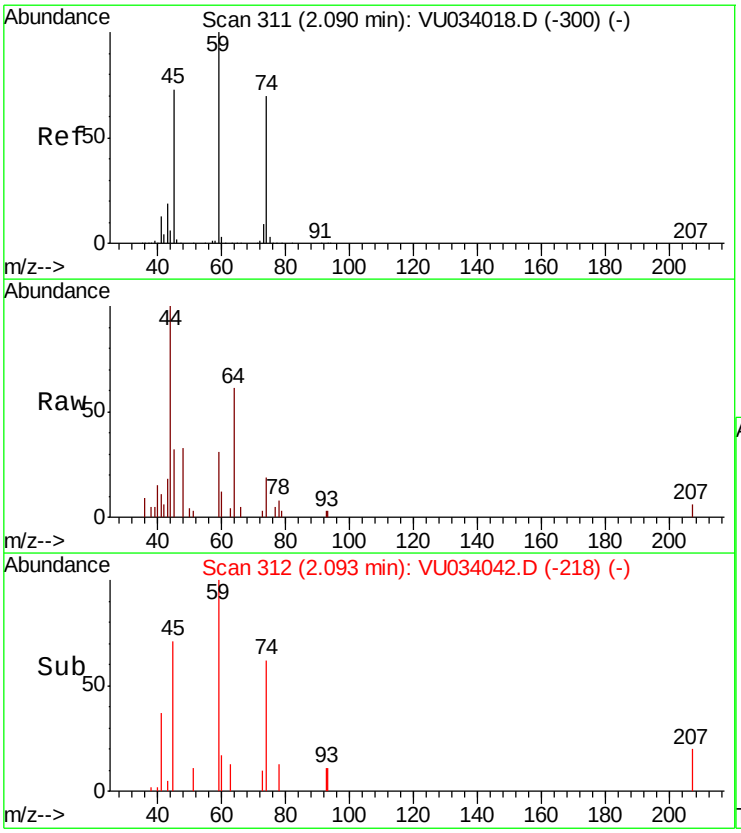
#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 168
Delta R.T. 0.03 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion: 94 Resp: 583

Ion	Ratio	Lower	Upper
94	100		
96	91.1	76.3	114.5

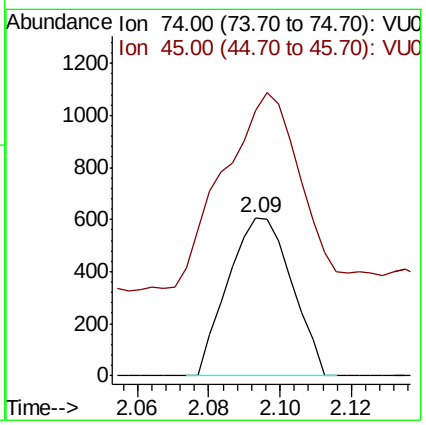


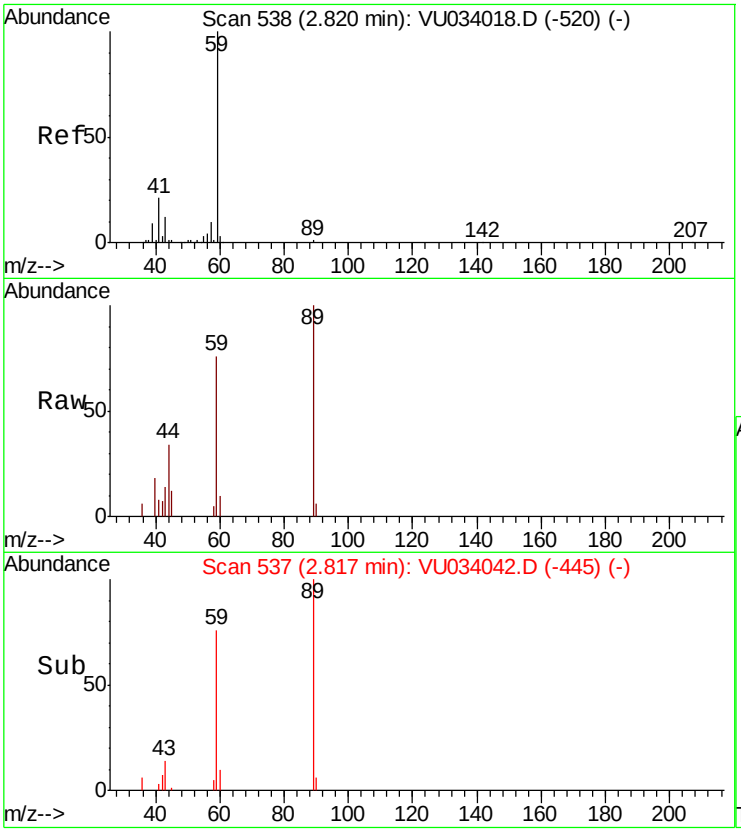


#8
Diethyl Ether
Concen: 0.239 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 74 Resp: 748

Ion	Ratio	Lower	Upper
74	100		
45	153.5	51.8	155.5



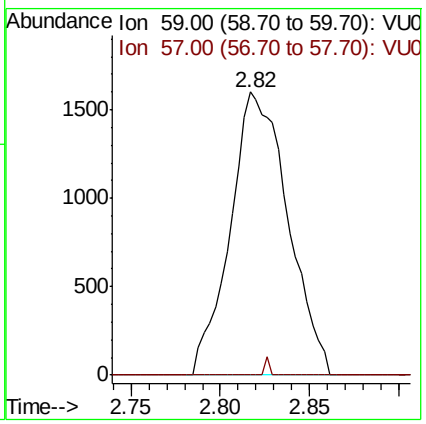


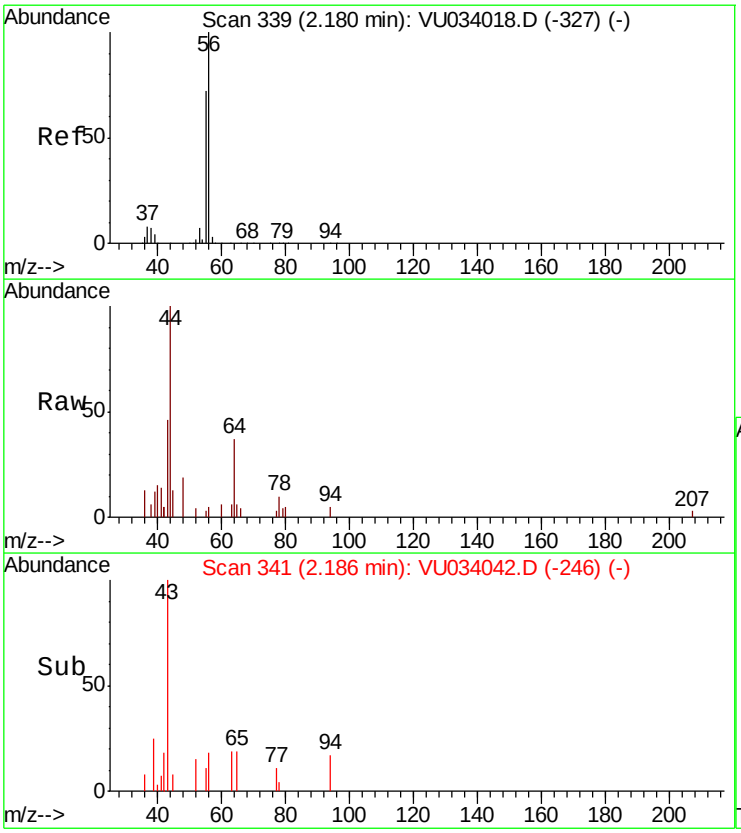
#11
Tert butyl alcohol
Concen: 2.587 ug/l
RT: 2.82 min Scan# 537
Delta R.T. -0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion: 59 Resp: 3610

Ion	Ratio	Lower	Upper
59	100		
57	0.6	8.0	12.0#

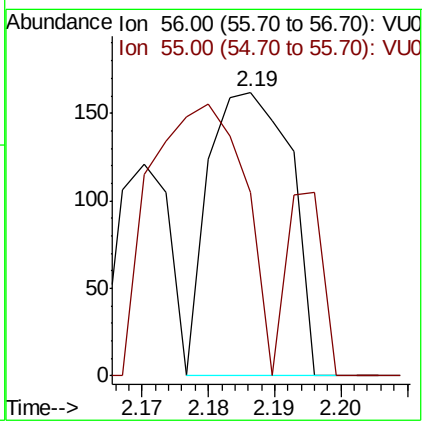


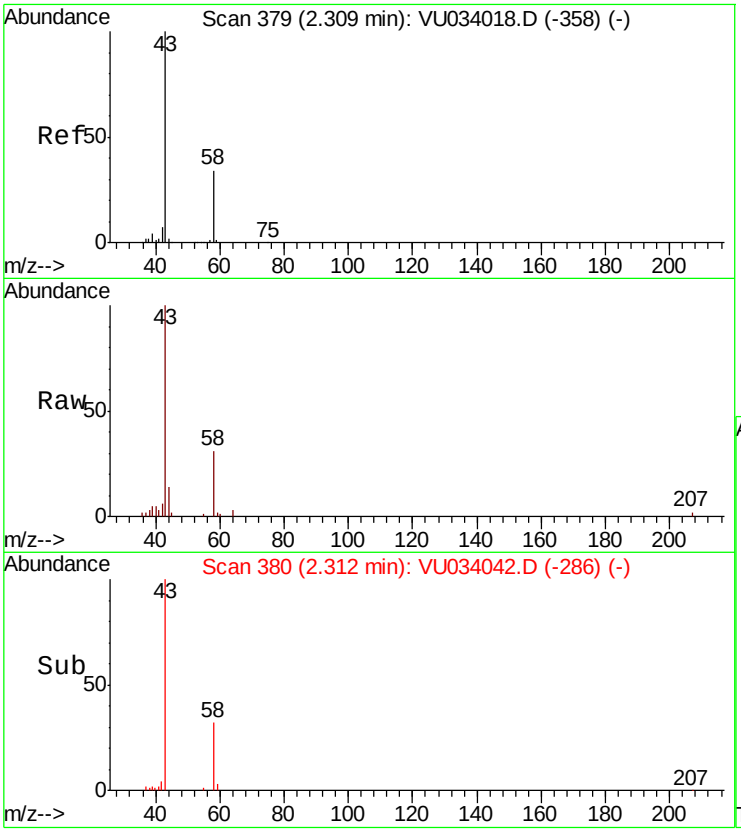


#13
Acrolein
Concen: 0.237 ug/l
RT: 2.19 min Scan# 341
Delta R.T. 0.01 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 56 Resp: 139

Ion	Ratio	Lower	Upper
56	100		
55	110.1	57.1	85.7#



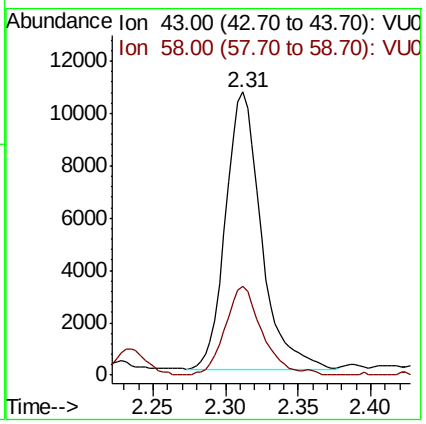


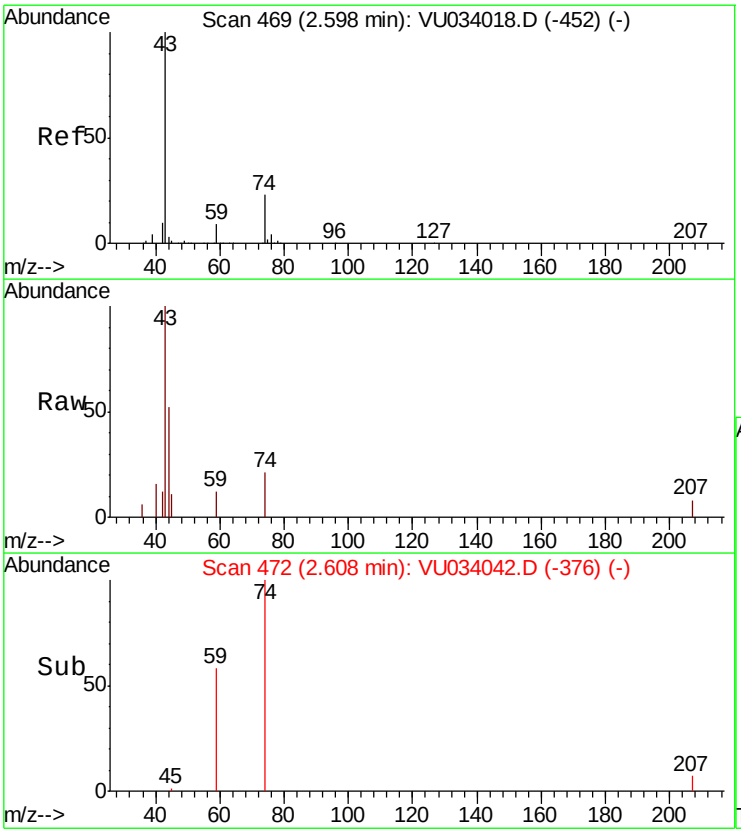
#16
Acetone
Concen: 5.888 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion: 43 Resp: 18177

Ion	Ratio	Lower	Upper
43	100		
58	31.8	26.8	40.2

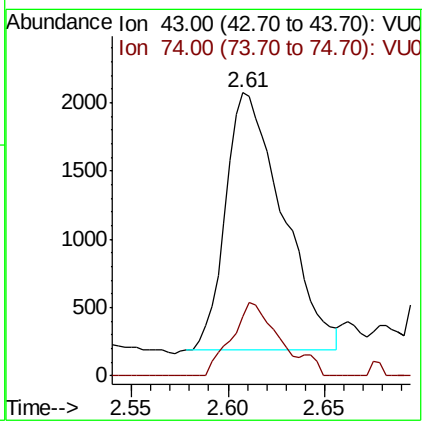


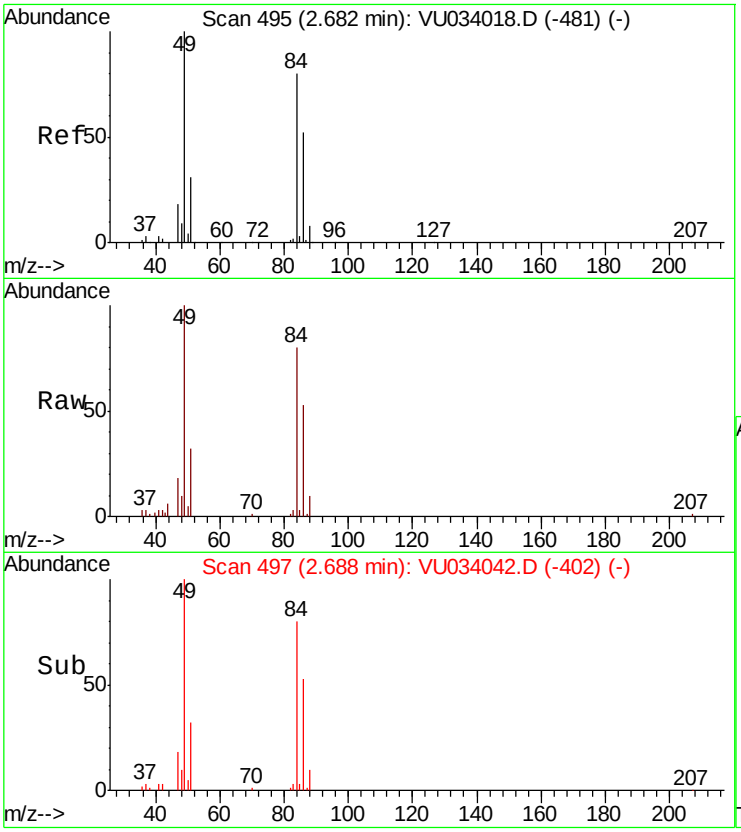


#18
Methyl Acetate
Concen: 0.487 ug/l
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 43 Resp: 3883

Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.2	28.8



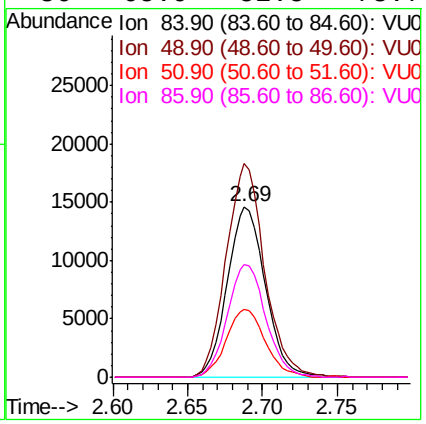


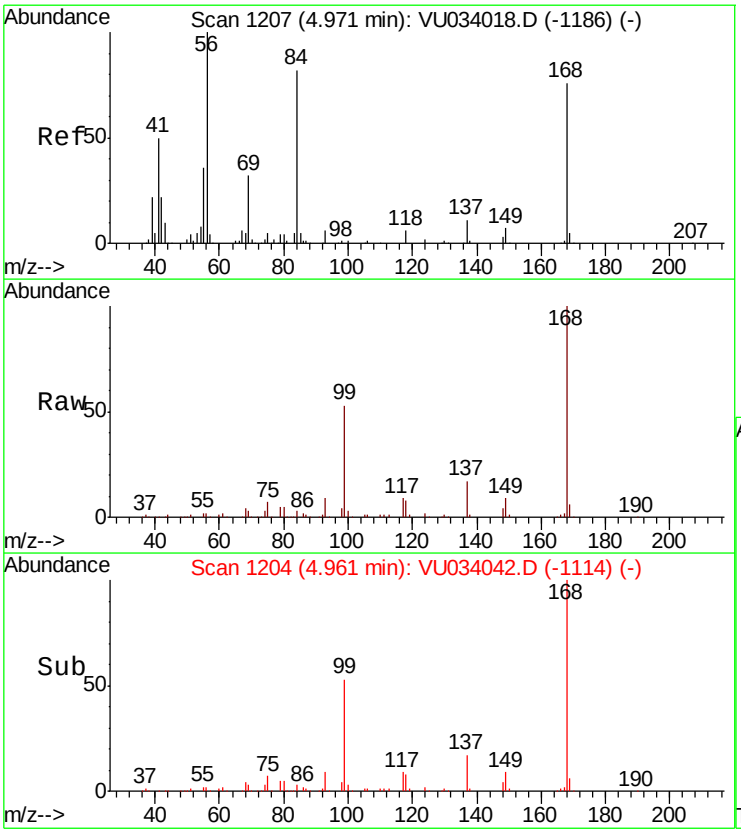
#20
Methylene Chloride
Concen: 4.450 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument : MSVOA_U
ClientSampleId : T9-12-13-B2-(0)

Tgt Ion: 84 Resp: 26009

Ion	Ratio	Lower	Upper
84	100		
49	125.0	100.2	150.4
51	39.9	30.8	46.2
86	65.9	52.5	78.7

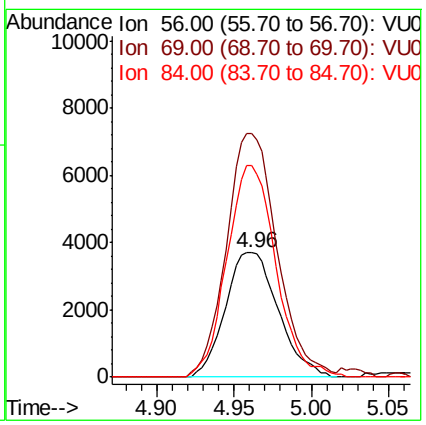


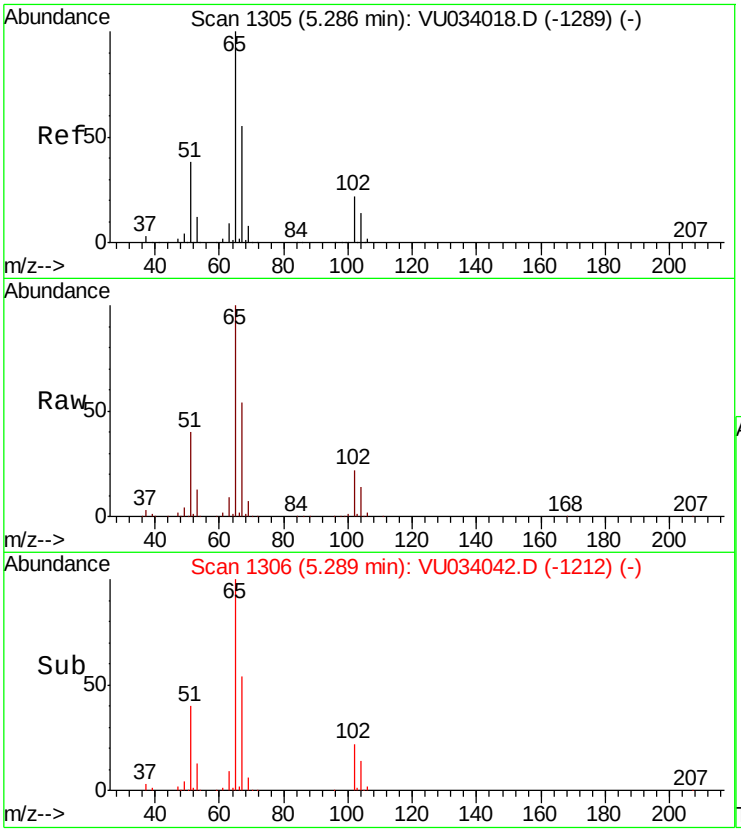


#31
Cyclohexane
Concen: 0.971 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 56 Resp: 8772

Ion	Ratio	Lower	Upper
56	100		
69	195.5	25.4	38.0#
84	170.1	65.8	98.8#



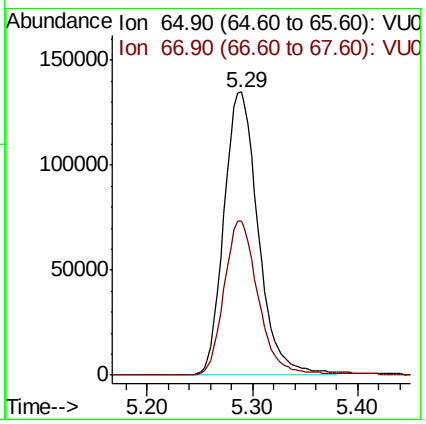


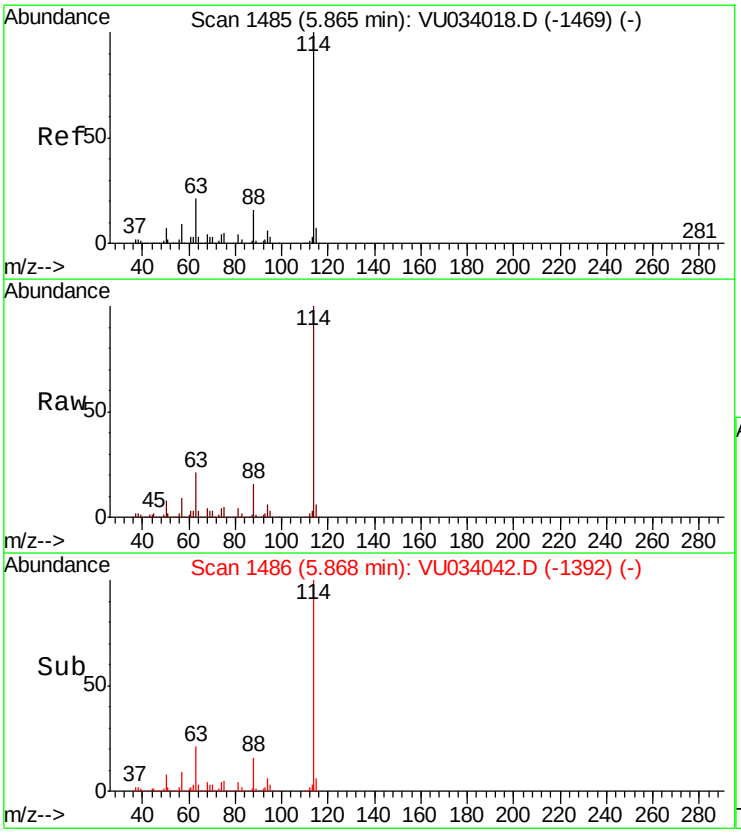
#33
1,2-Dichloroethane-d4
Concen: 50.162 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion: 65 Resp: 303503

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	110.6

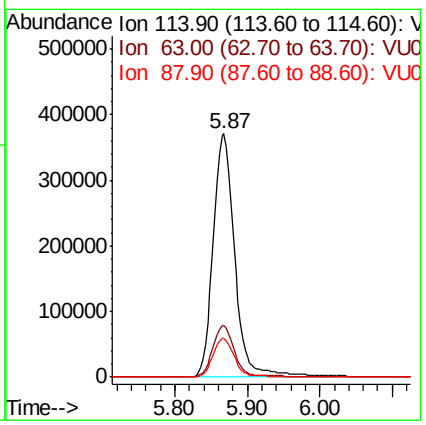


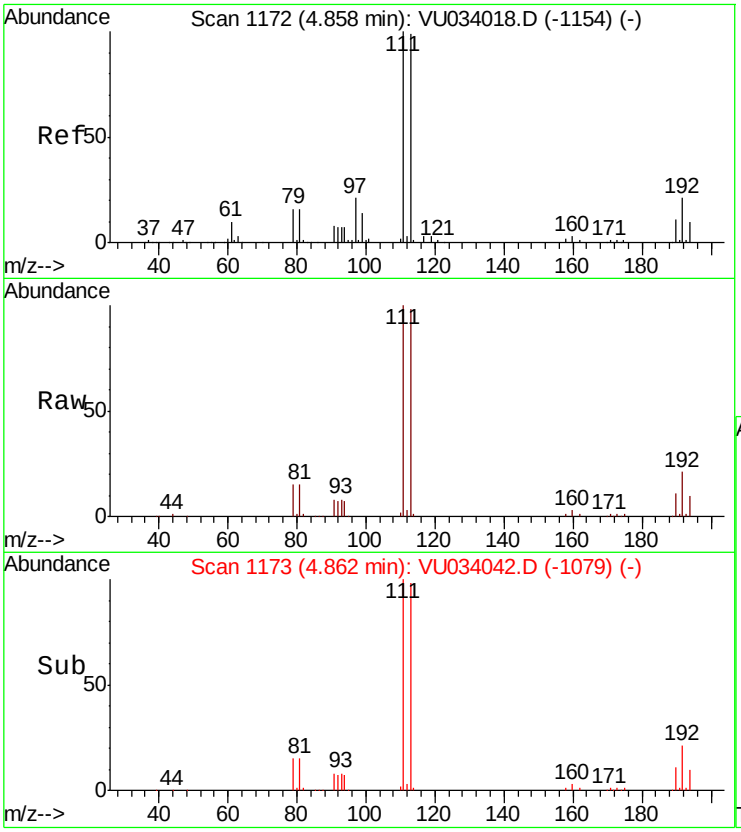


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion:114 Resp: 768769

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.0
88	16.1	0.0	32.0



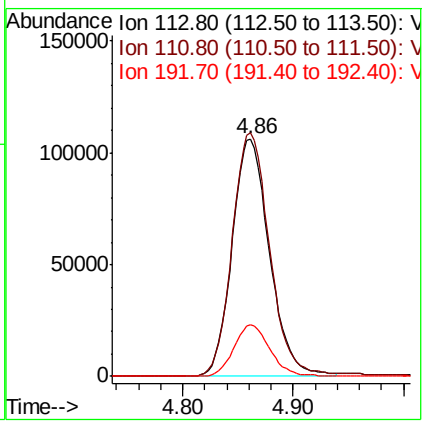


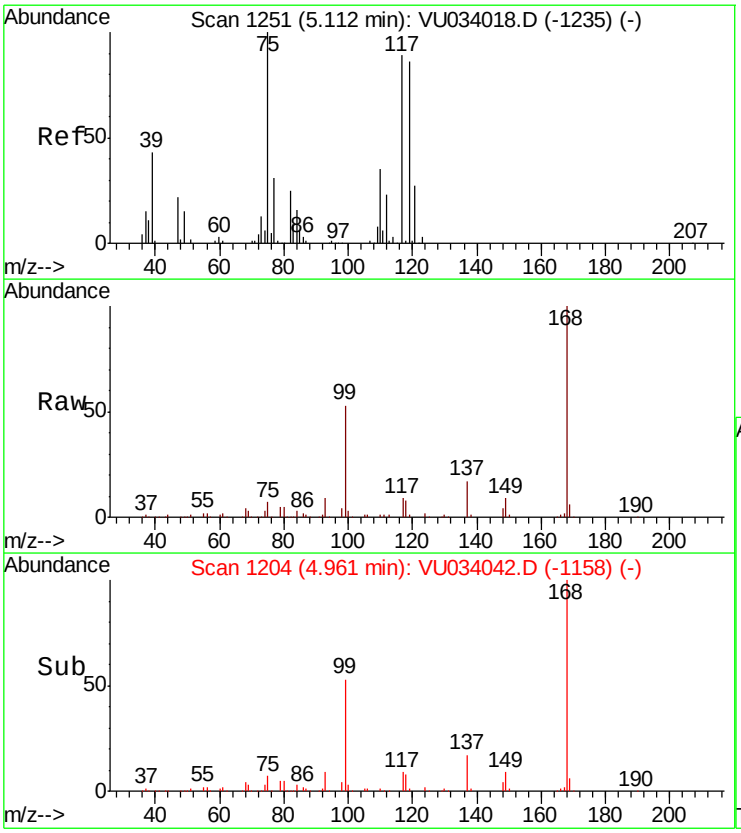
#35
Dibromofluoromethane
Concen: 46.897 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion:113 Resp: 250060

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	21.1	17.1	25.7

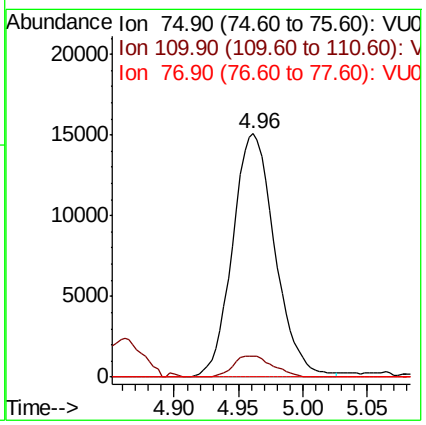


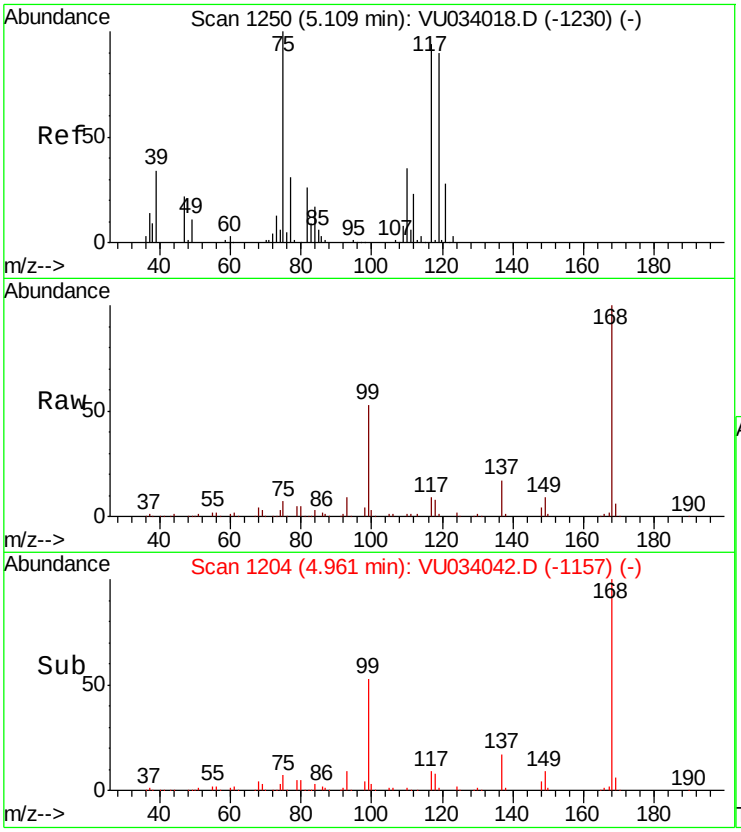


#36
1,1-Dichloropropene
Concen: 4.758 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 75 Resp: 34595

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.8	53.5#
77	0.0	25.0	37.4#



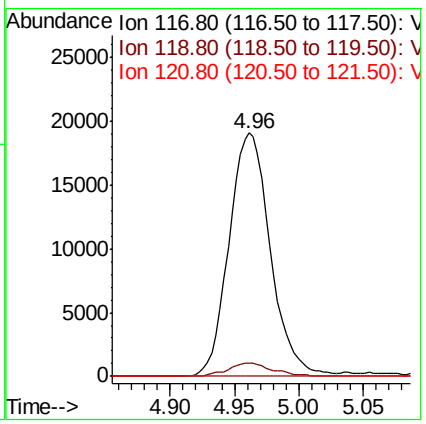


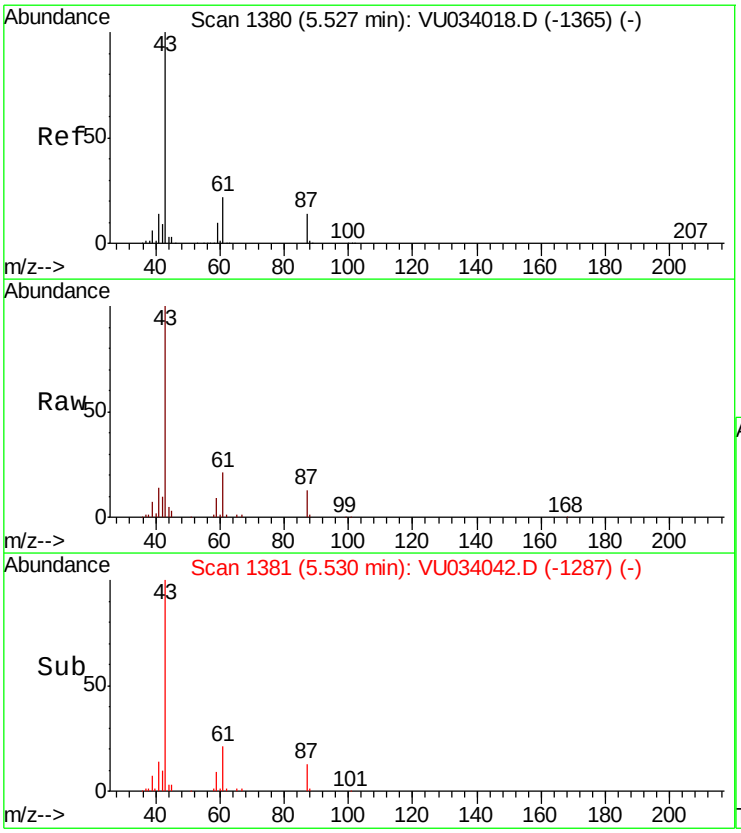
#38
Carbon Tetrachloride
Concen: 6.063 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion:117 Resp: 42559

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.0	115.4#
121	0.0	23.9	35.9#

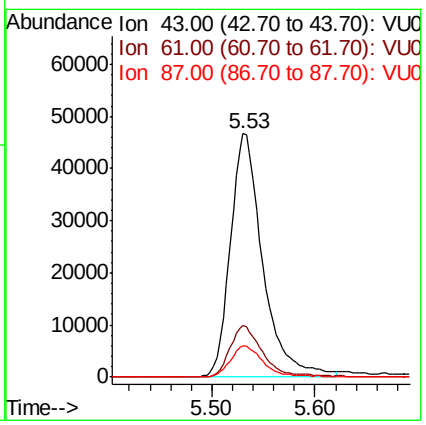


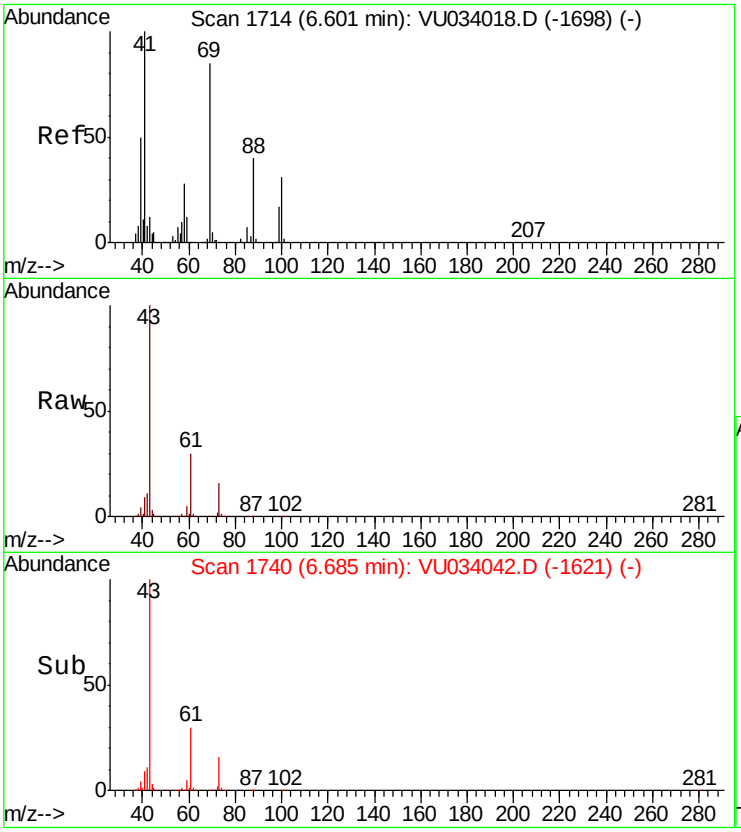


#43
Isopropyl Acetate
Concen: 8.247 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 43 Resp: 102161

Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.2	25.8
87	13.0	10.8	16.2



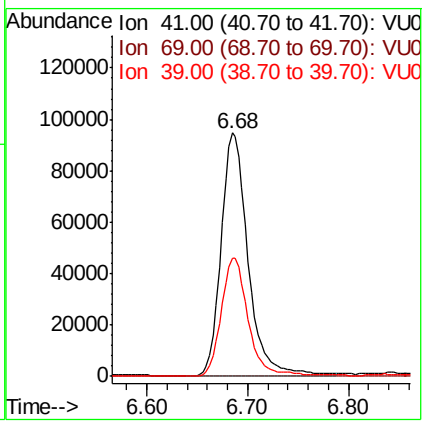


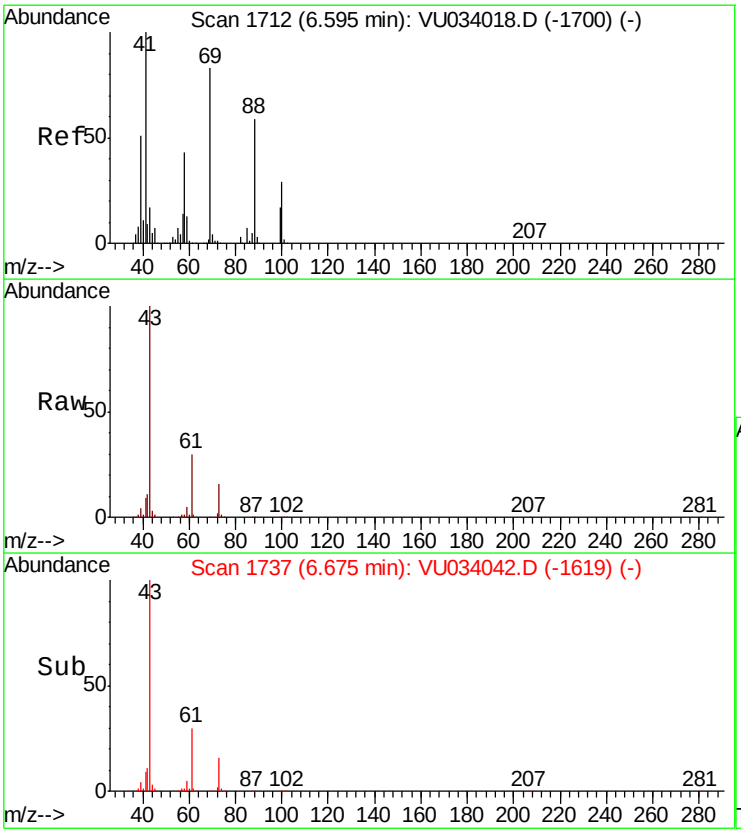
#48
Methyl methacrylate
Concen: 29.601 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument : MSVOA_U
ClientSampleId : T9-12-13-B2-(0)

Tgt Ion: 41 Resp: 176953

Ion	Ratio	Lower	Upper
41	100		
69	0.2	69.5	104.3#
39	48.5	40.3	60.5

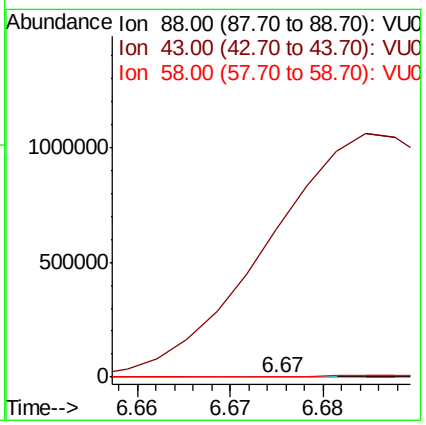


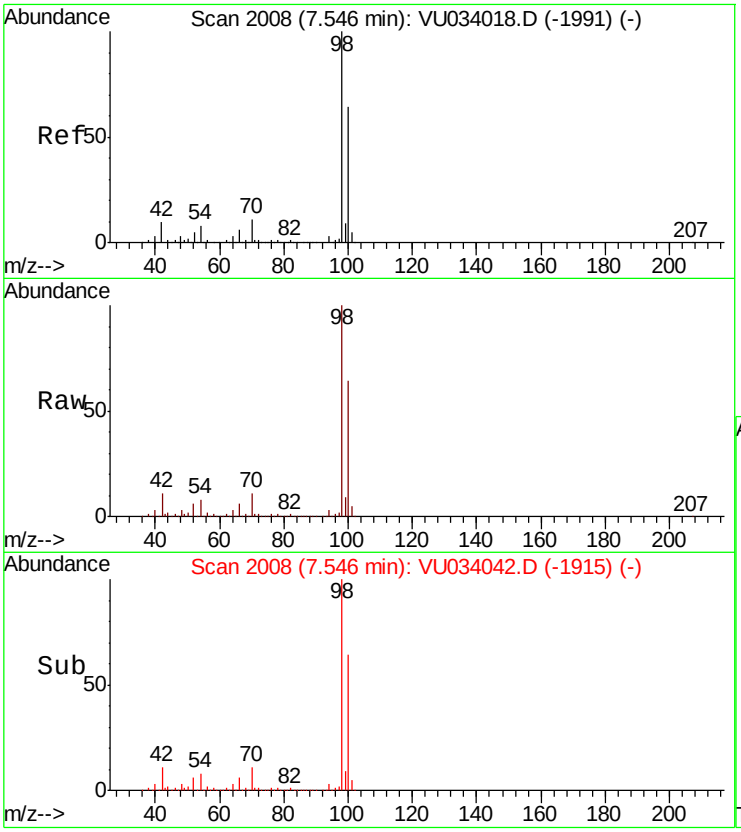


#49
1,4-Dioxane
Concen: 0.514 ug/l
RT: 6.67 min Scan# 1737
Delta R.T. 0.08 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 88 Resp: 77

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



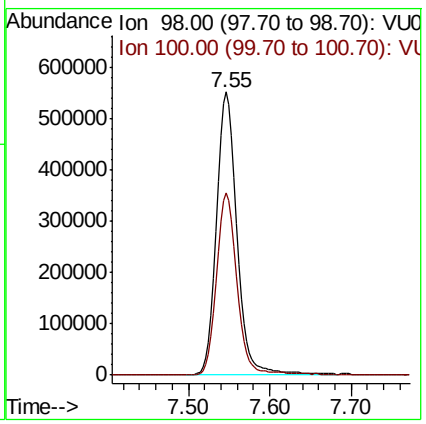


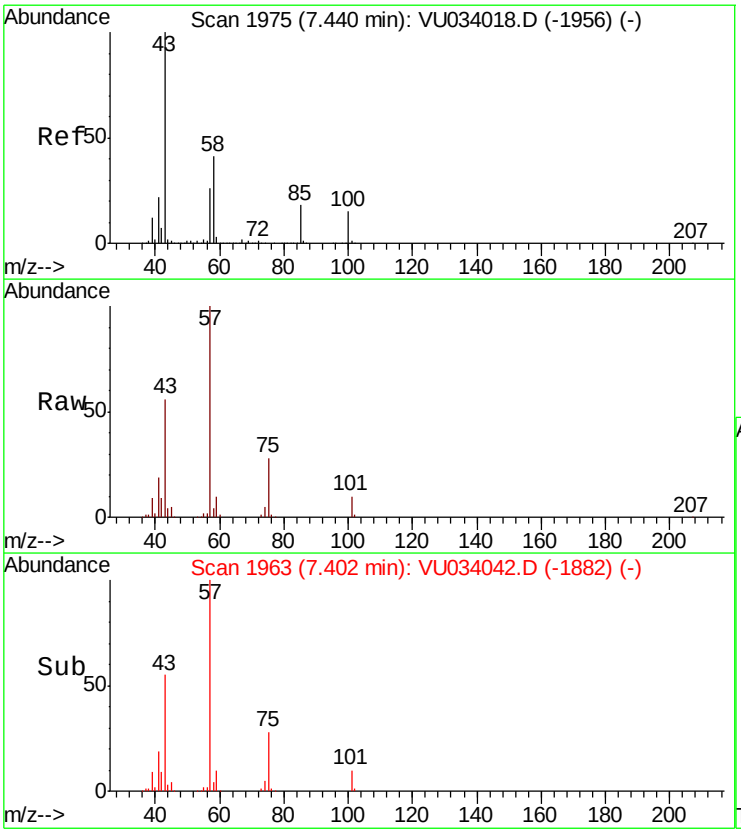
#50
Toluene-d8
Concen: 49.587 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion: 98 Resp: 990019

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.3	75.5

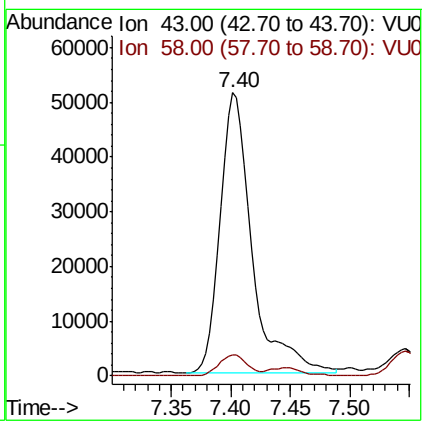


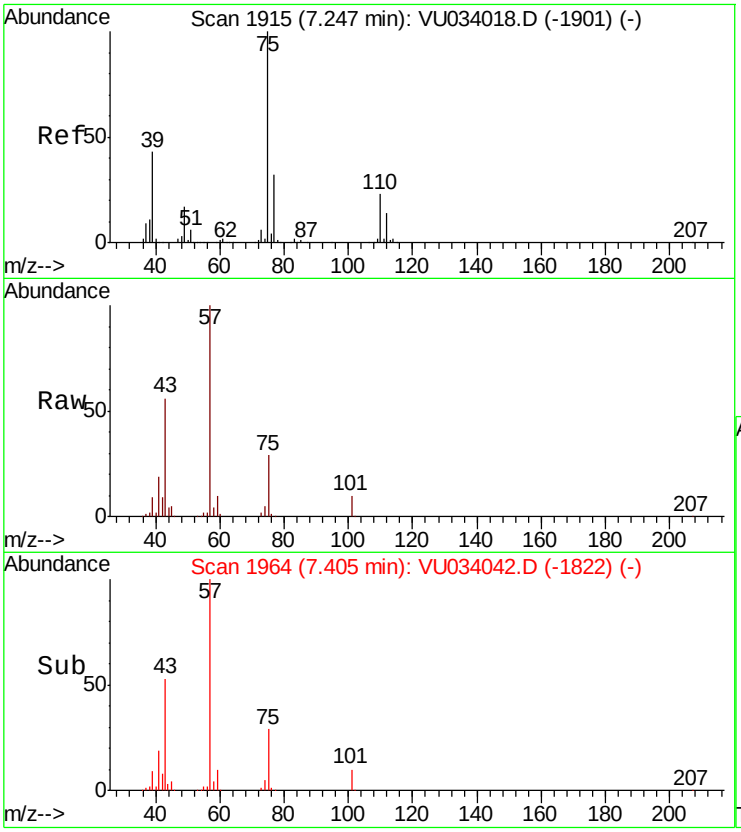


#51
4-Methyl-2-Pentanone
Concen: 11.231 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 43 Resp: 96083

Ion	Ratio	Lower	Upper
43	100		
58	6.8	32.2	48.4#



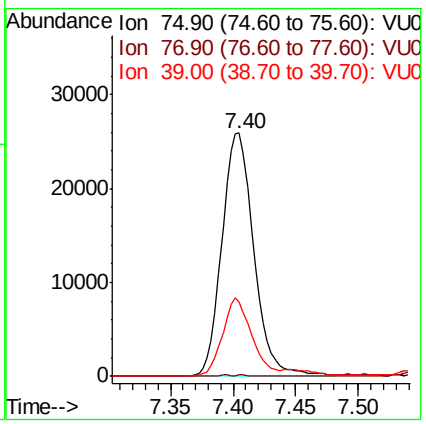


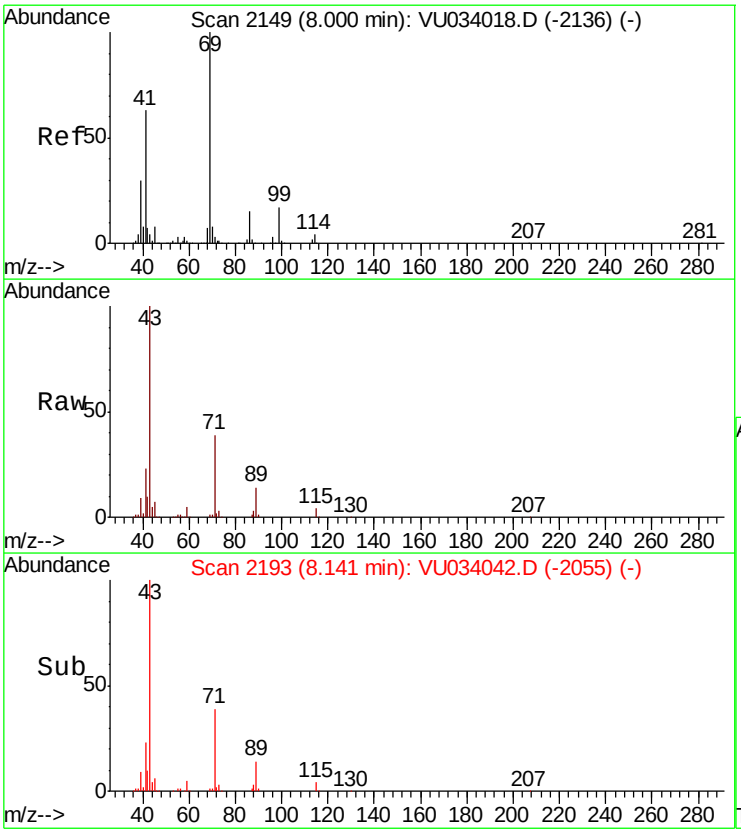
#54
cis-1,3-Dichloropropene
Concen: 4.948 ug/l
RT: 7.40 min Scan# 1964
Delta R.T. 0.16 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument : MSVOA_U
ClientSampleId : T9-12-13-B2-(0)

Tgt Ion: 75 Resp: 45790

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.2	37.8#
39	30.5	34.6	51.8#

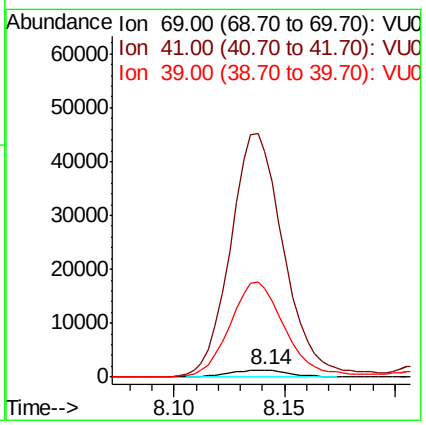


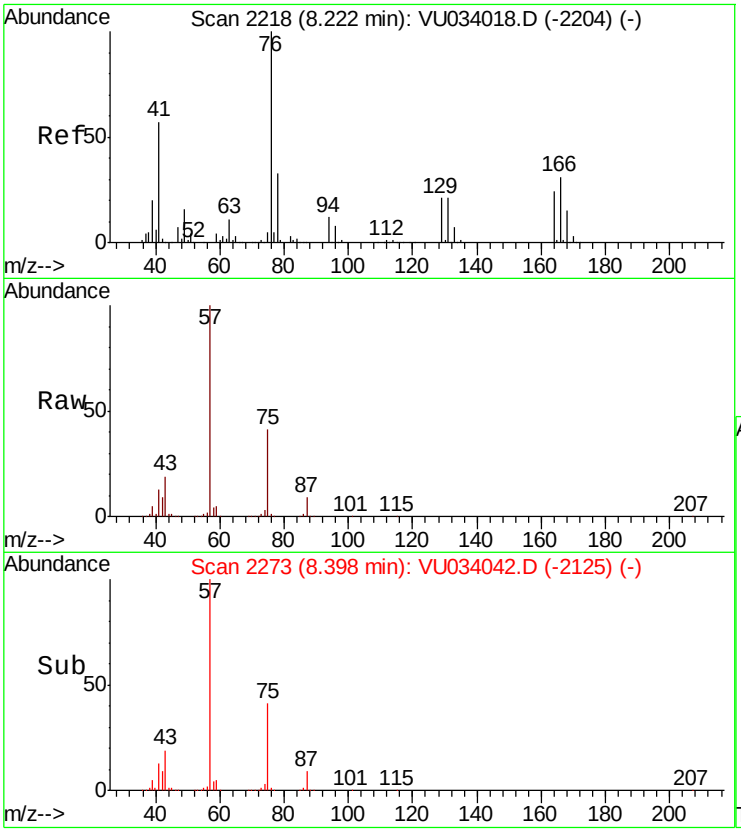


#56
Ethyl methacrylate
Concen: 1.216 ug/l
RT: 8.14 min Scan# 2193
Delta R.T. 0.14 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 69 Resp: 2372

Ion	Ratio	Lower	Upper
69	100		
41	3248.7	50.7	76.1#
39	1313.3	24.2	36.2#



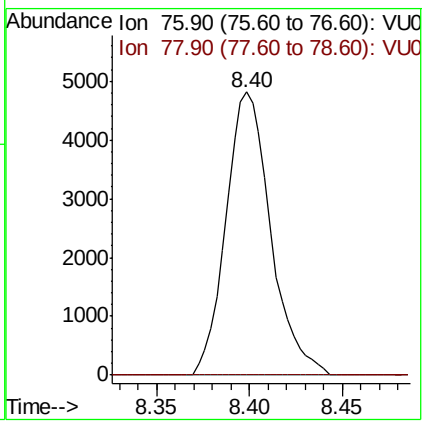


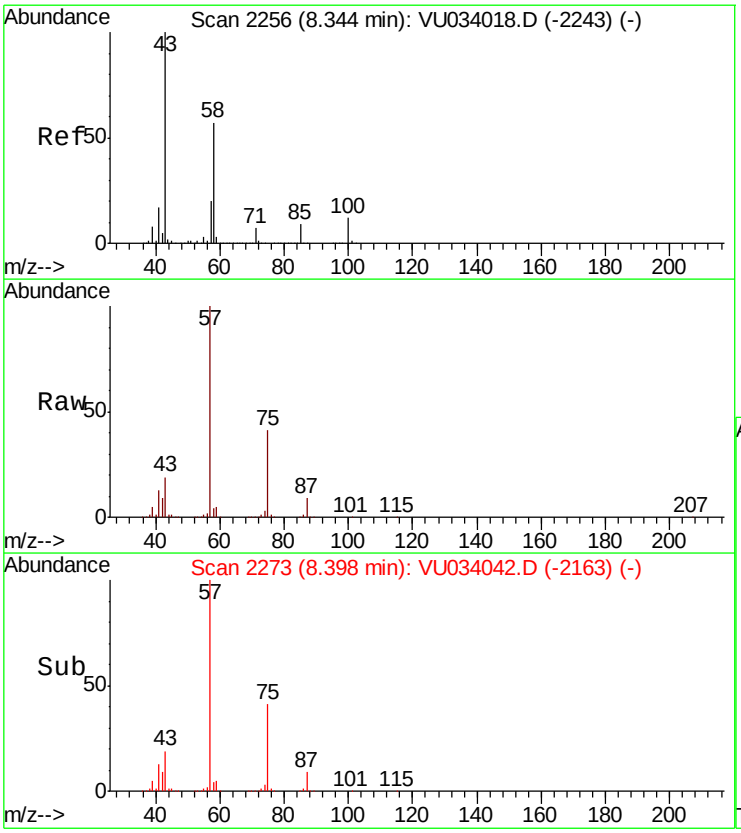
#57
1,3-Dichloropropane
Concen: 0.830 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.18 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion: 76 Resp: 8080

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#

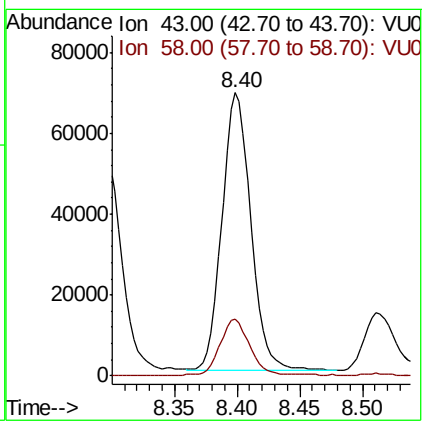


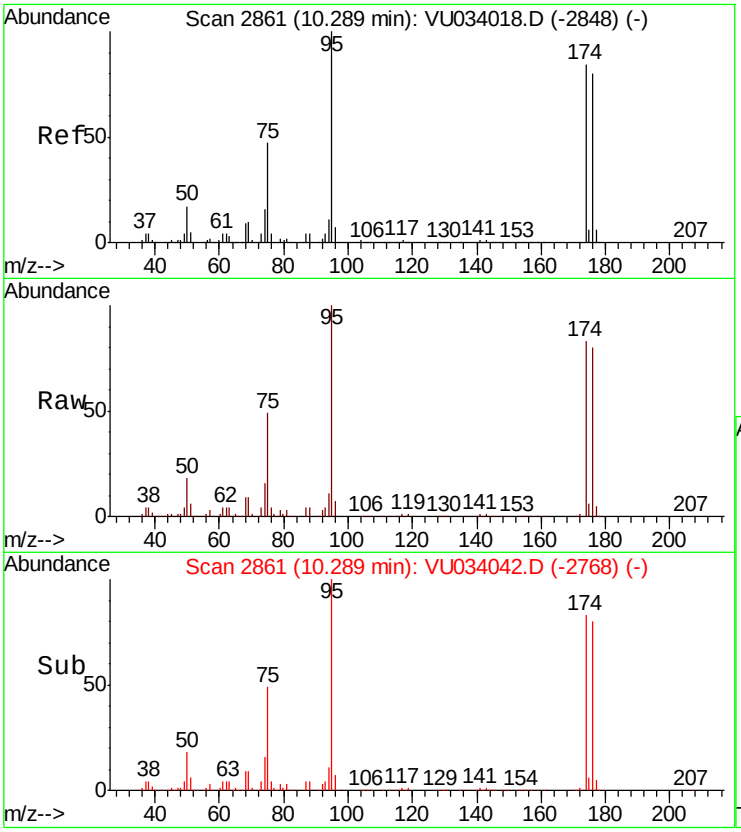


#59
2-Hexanone
Concen: 16.933 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 43 Resp: 109362

Ion	Ratio	Lower	Upper
43	100		
58	22.1	28.4	85.3#



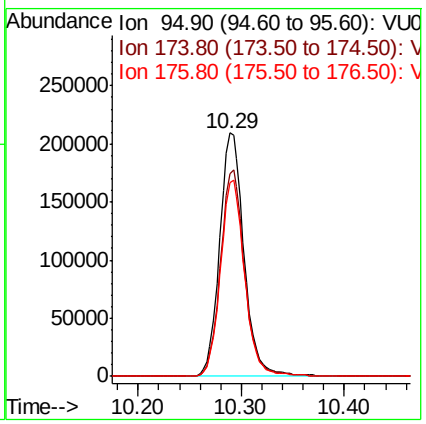


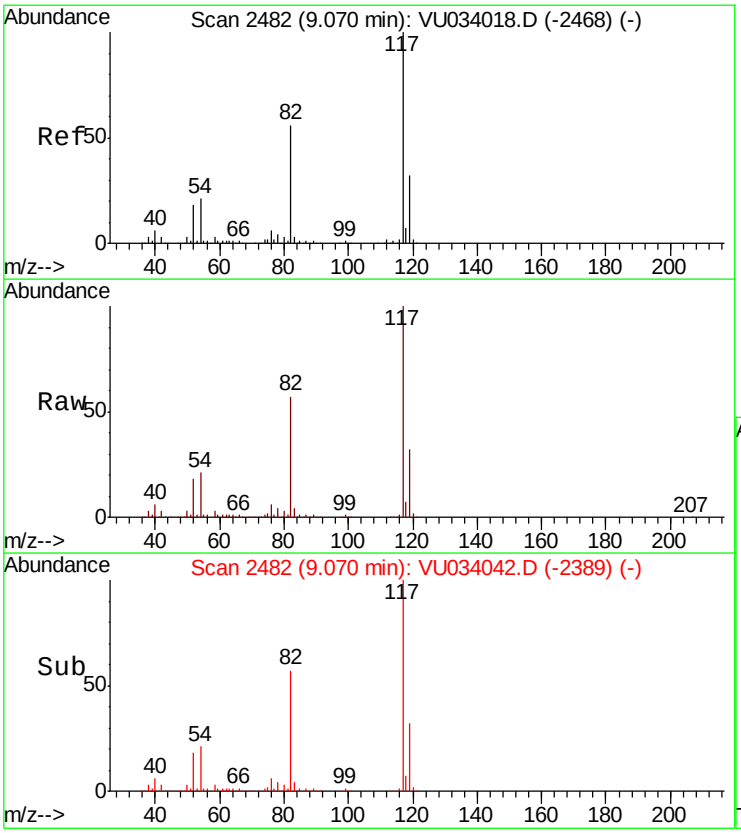
#62
4-Bromofluorobenzene
Concen: 44.383 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion: 95 Resp: 344692

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	168.8
176	80.1	0.0	161.8

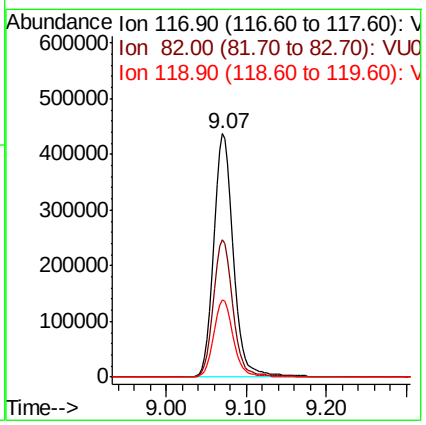


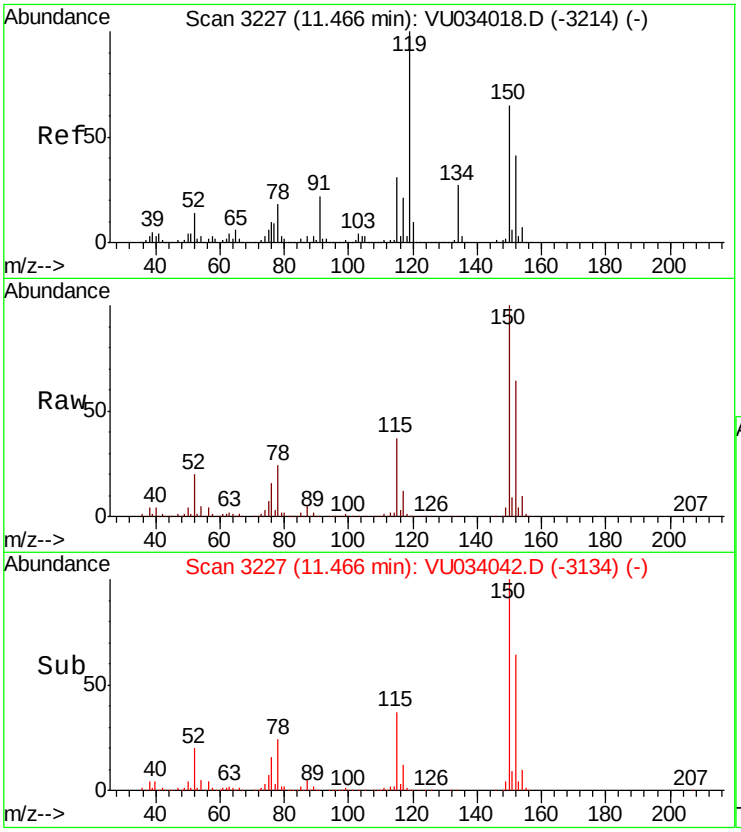


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion:117 Resp: 750173

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.1	67.7
119	31.8	25.4	38.0



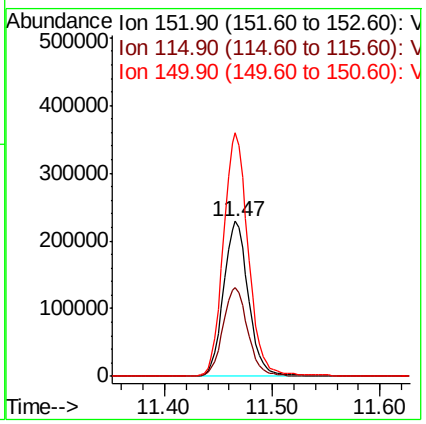


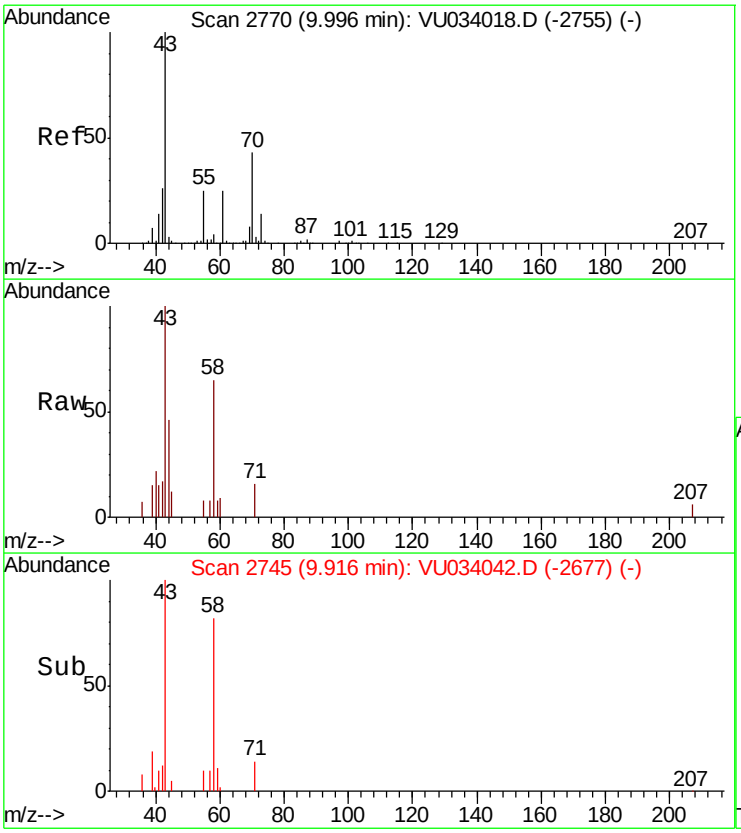
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion:152 Resp: 369361

Ion	Ratio	Lower	Upper
152	100		
115	57.2	41.1	123.3
150	156.2	0.0	348.8

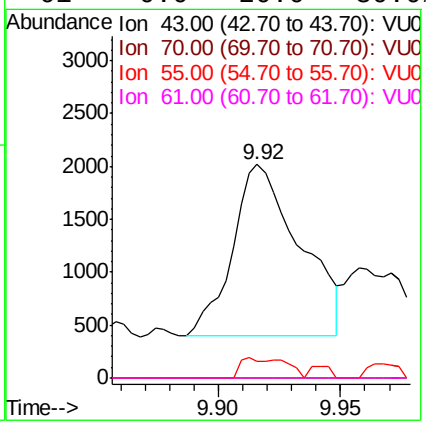


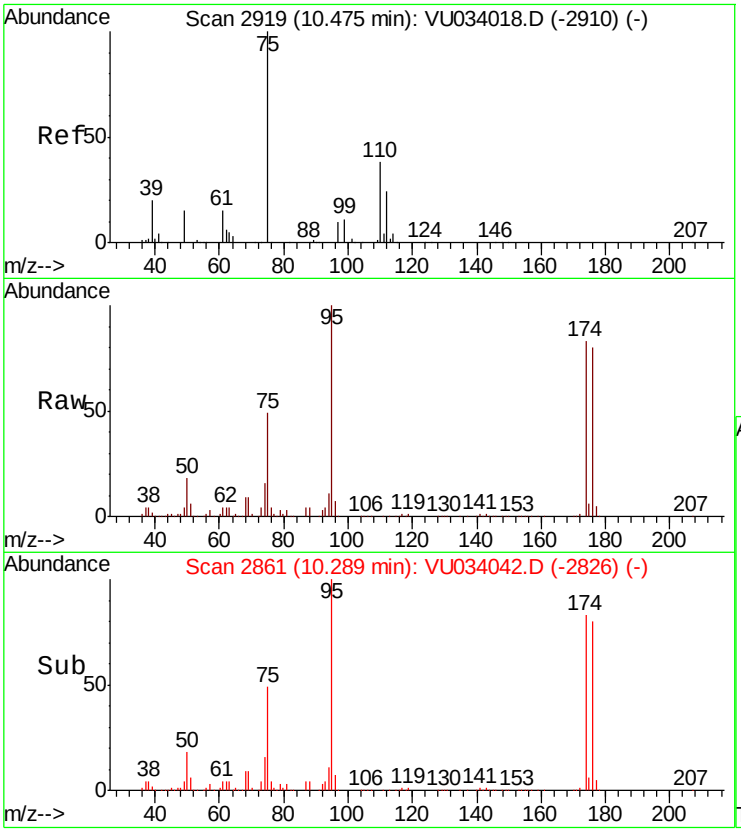


#74
N-amyl acetate
Concen: 0.297 ug/l
RT: 9.92 min Scan# 2745
Delta R.T. -0.08 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 43 Resp: 3101

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.2	52.8#
55	4.3	20.5	30.7#
61	0.0	20.0	30.0#



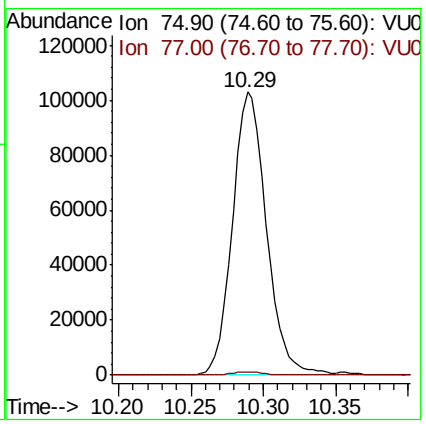


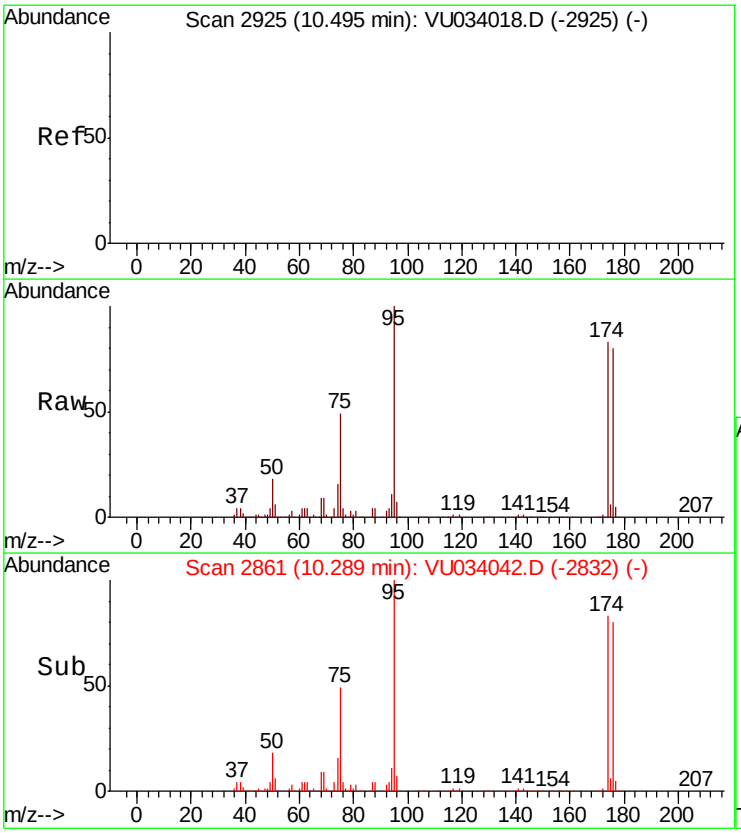
#76
1,2,3-Trichloropropane
Concen: 20.108 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion: 75 Resp: 167396

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.1	60.2#

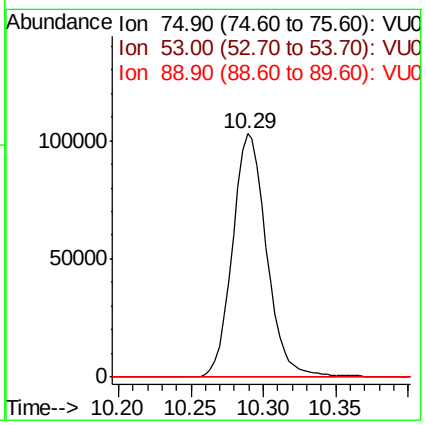


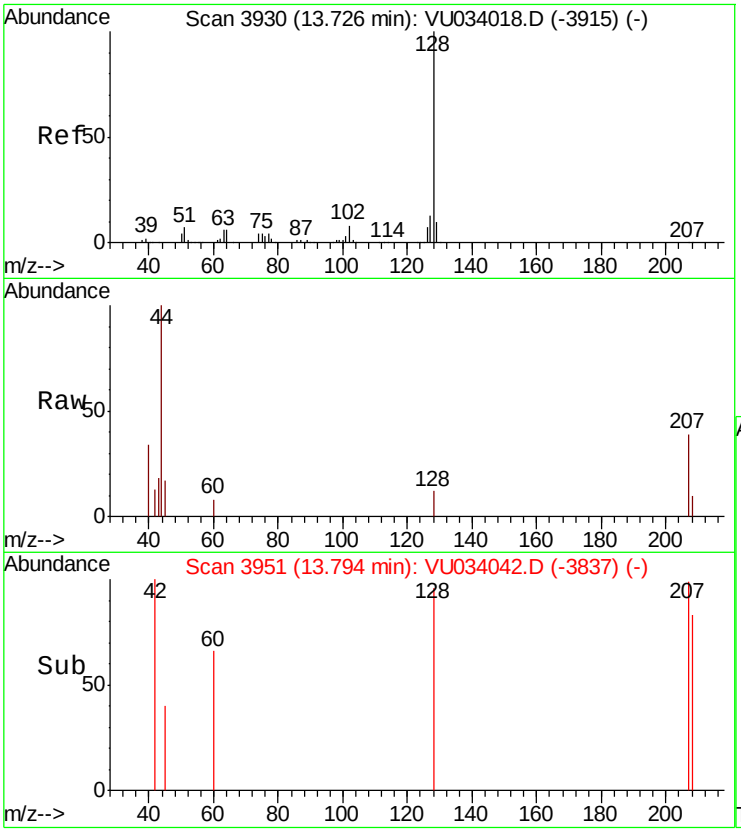


#81
trans-1,4-Dichloro-2-butene
Concen: 67.709 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.21 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Tgt Ion: 75 Resp: 167396

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





#95
Naphthalene
Concen: 1.794 ug/l
RT: 13.79 min Scan# 3951
Delta R.T. 0.07 min
Lab File: VU034042.D
Acq: 28 Aug 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B2-(0)

Tgt Ion:128 Resp: 103

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.4	12.6#