Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034455.D
Acq On : 10 Sep 2019 16:44
Operator : JC/SP
Sample : K4602-30
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PAR-C4-(0)

Quant Time: Sep 11 05:56:41 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	238730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	371642	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	388130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	210149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	205460	56.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.76%			
35) Dibromofluoromethane	4.86	113	178282	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.10%			
50) Toluene-d8	7.55	98	655010	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.84%			
62) 4-Bromofluorobenzene	10.29	95	223858	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.26%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	375	Below Cal		90
6) Chloroethane	1.70	64	123	Below Cal	#	43
8) Diethyl Ether	2.10	74	820	0.447	ug/l	98
10) Methyl Iodide	2.41	142	107	3.886	ug/l #	43
11) Tert butyl alcohol	2.82	59	4146	5.433	ug/l #	73
13) Acrolein	2.18	56	130	0.203	ug/l #	51
16) Acetone	2.31	43	12060	6.452	ug/l	100
18) Methyl Acetate	2.61	43	3467	0.762	ug/l #	83
20) Methylene Chloride	2.69	84	5659	1.460	ug/l	93
31) Cyclohexane	4.96	56	3754	0.887	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	16266	4.036	ug/l #	48
38) Carbon Tetrachloride	4.96	117	20383	4.736	ug/l #	17
43) Isopropyl Acetate	5.53	43	56868	7.650	ug/l	99
45) 1,2-Dichloropropane	6.68	63	1401	0.368	ug/l #	44
48) Methyl methacrylate	6.68	41	96697	27.387	ug/l #	37
49) 1,4-Dioxane	6.68	88	125	1.621	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	50237	9.763	ug/l #	47
54) cis-1,3-Dichloropropene	7.40	75	26619	4.763	ug/l #	66
56) Ethyl methacrylate	7.95	69	84	3.091	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	4654	0.772	ug/l #	43
59) 2-Hexanone	8.40	43	58535	15.227	ug/l #	55
74) N-amyl acetate	9.92	43	1150	0.209	ug/l #	40
76) 1,2,3-Trichloropropane	10.29	75	106985	23.323	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	106985	78.432	ug/l #	100
95) Naphthalene	13.81	128	87	3.972	ug/l #	69

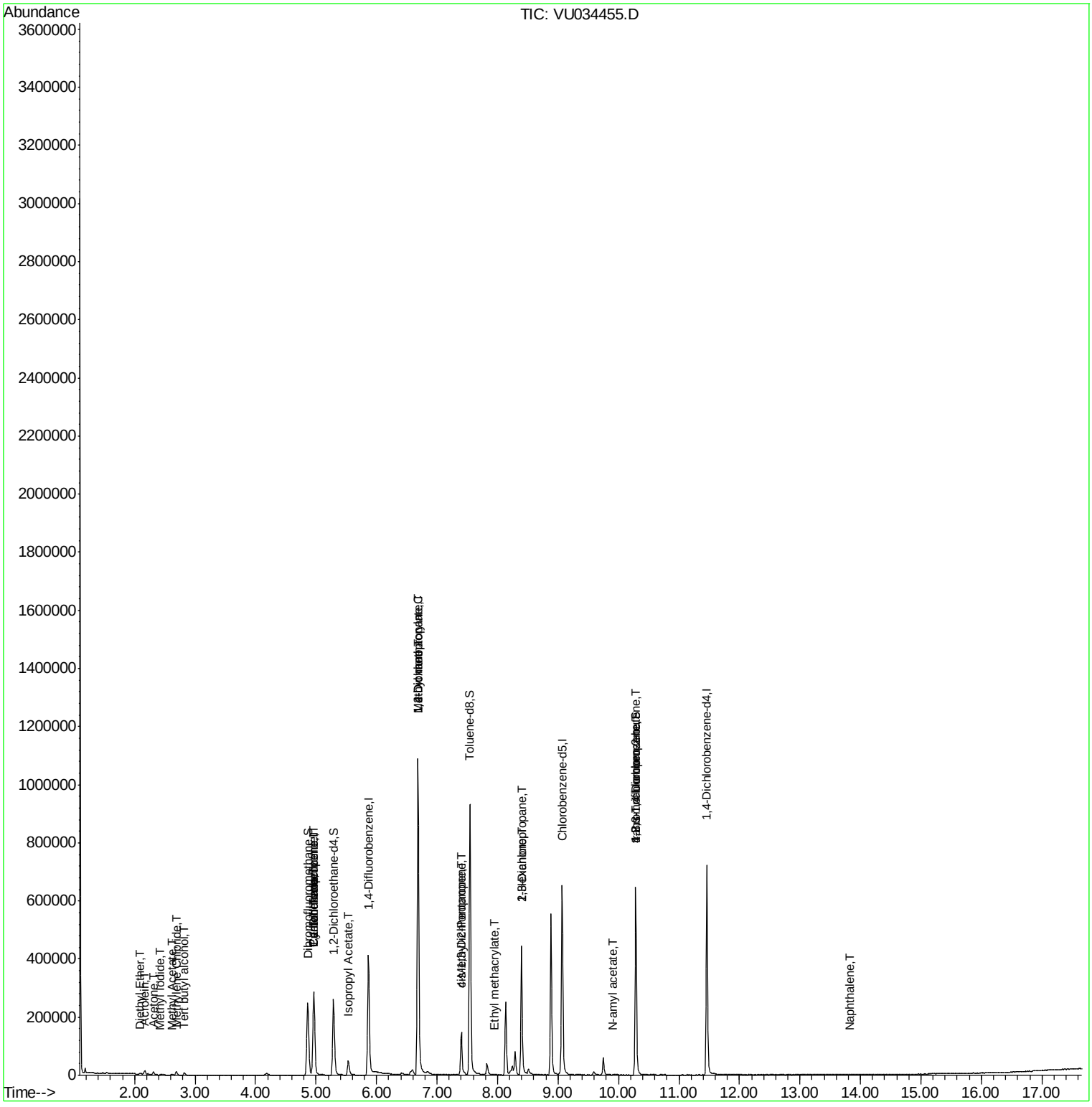
(#) = qualifier out of range (m) = manual integration (+) = signals summed

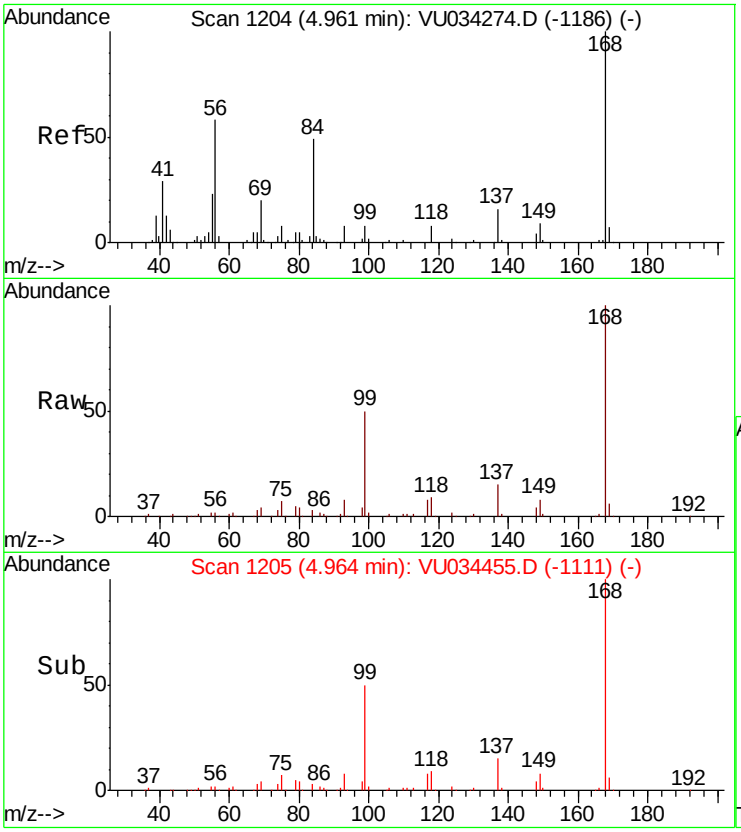
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034455.D
Acq On : 10 Sep 2019 16:44
Operator : JC/SP
Sample : K4602-30
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Quant Time: Sep 11 05:56:41 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



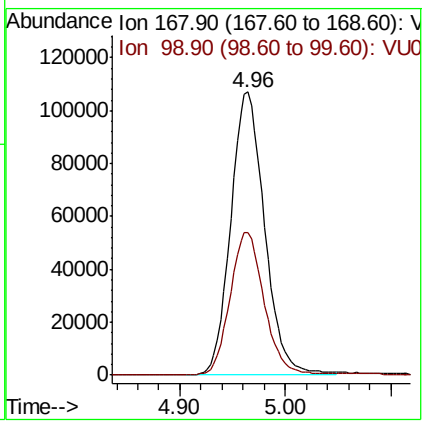


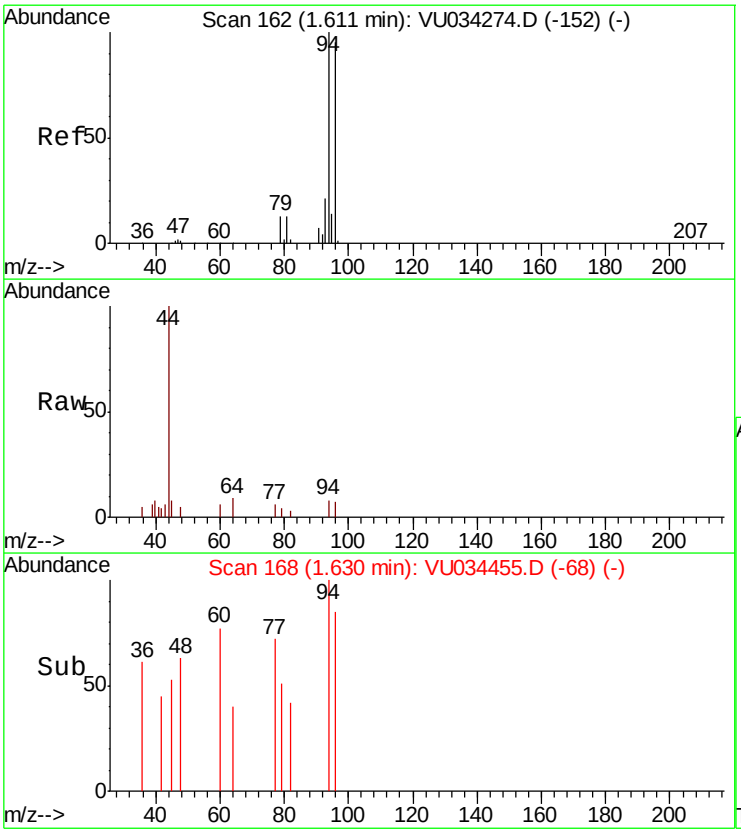
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion:168 Resp: 238730

Ion	Ratio	Lower	Upper
168	100		
99	50.4	41.6	62.4

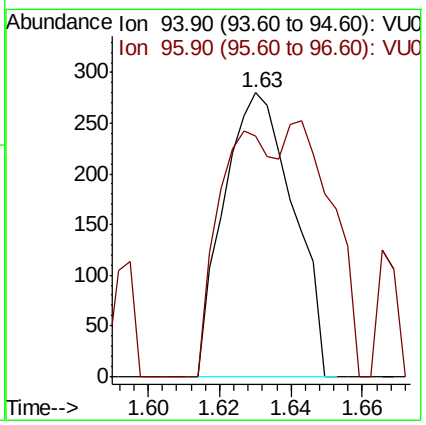


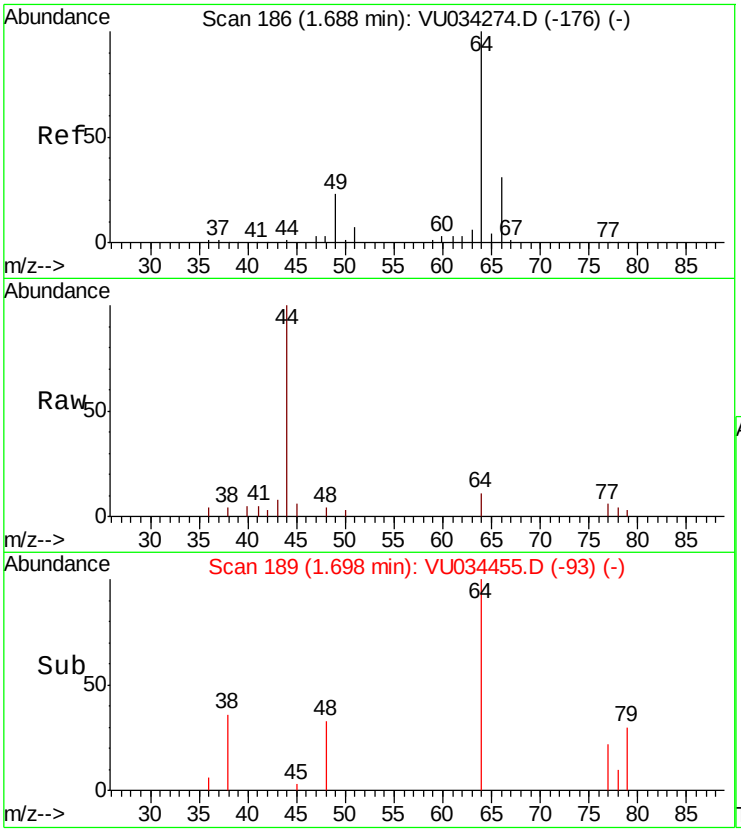


#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 168
Delta R.T. 0.02 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 94 Resp: 375

Ion	Ratio	Lower	Upper
94	100		
96	84.6	75.7	113.5



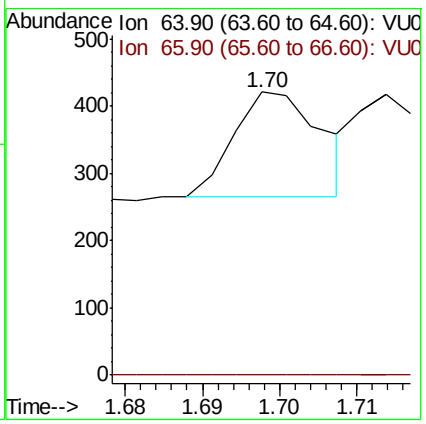


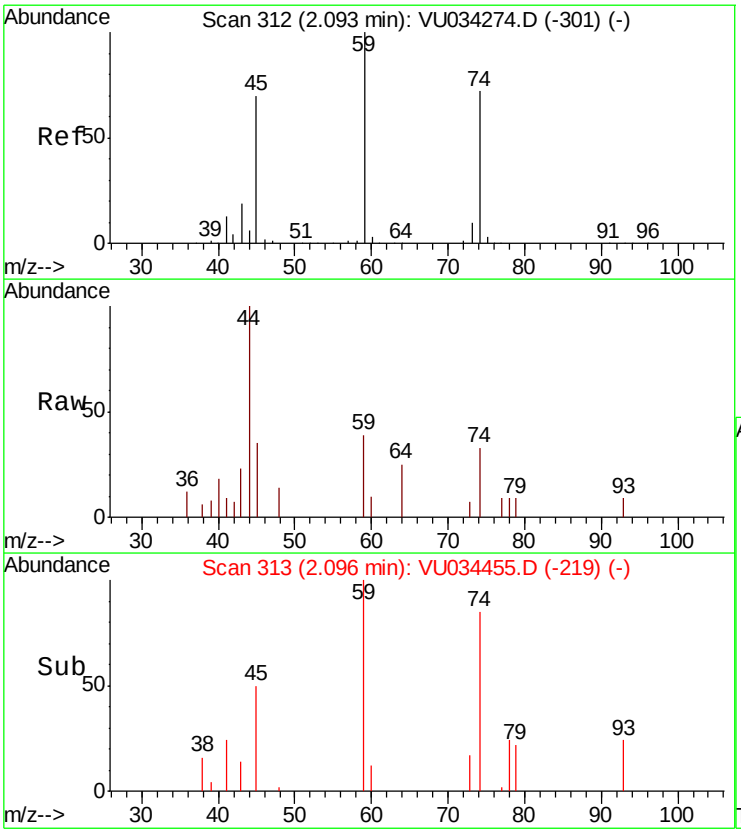
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 189
Delta R.T. 0.01 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion: 64 Resp: 123

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#

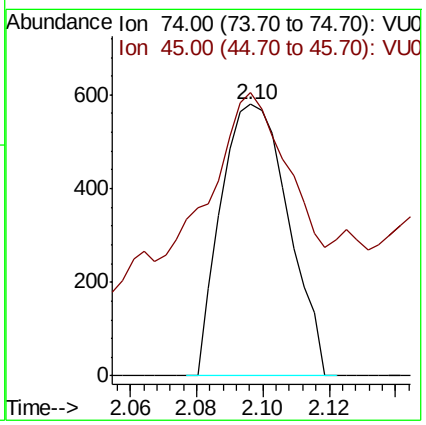


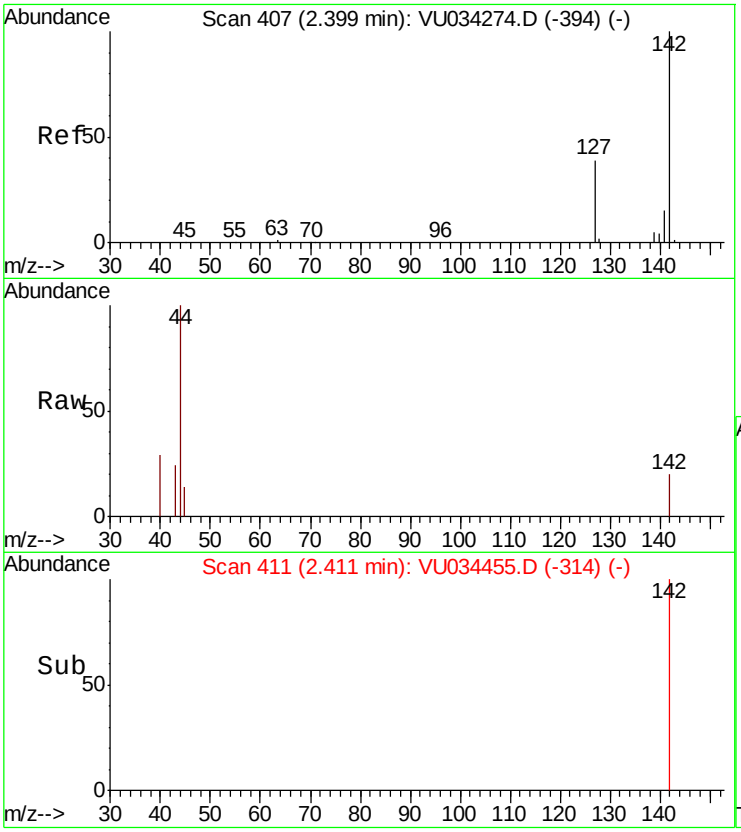


#8
Diethyl Ether
Concen: 0.447 ug/l
RT: 2.10 min Scan# 313
Delta R.T. 0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 74 Resp: 820

Ion	Ratio	Lower	Upper
74	100		
45	94.8	48.2	144.6



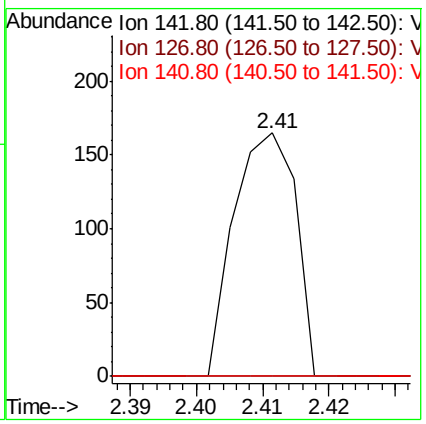


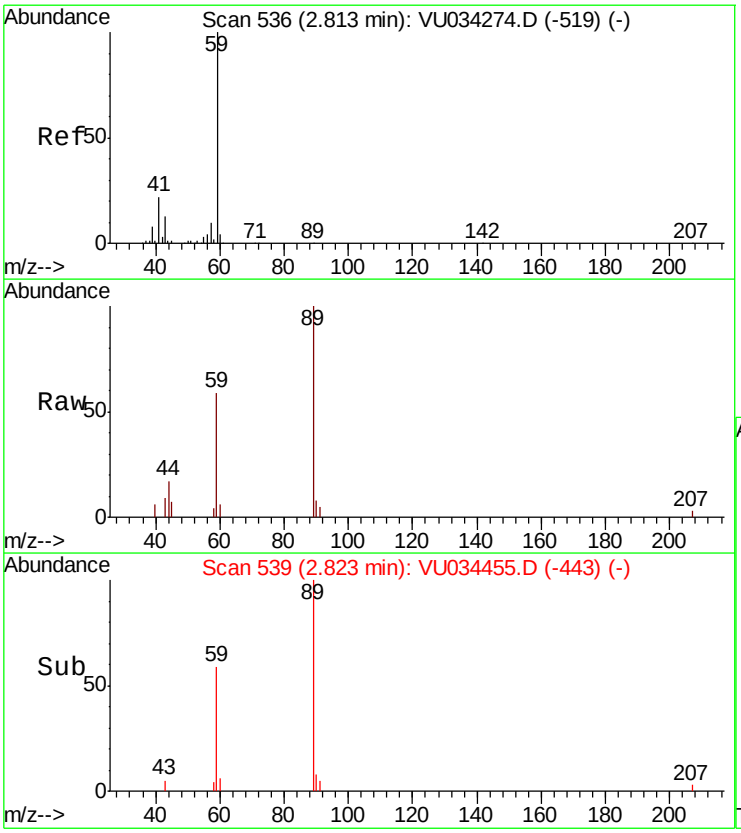
#10
Methyl Iodide
Concen: 3.886 ug/l
RT: 2.41 min Scan# 411
Delta R.T. 0.01 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion:142 Resp: 107

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.1	48.1#
141	0.0	11.5	17.3#

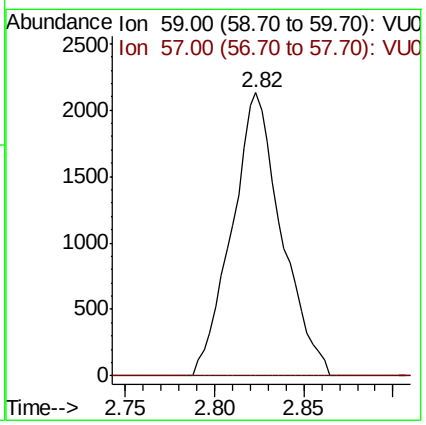


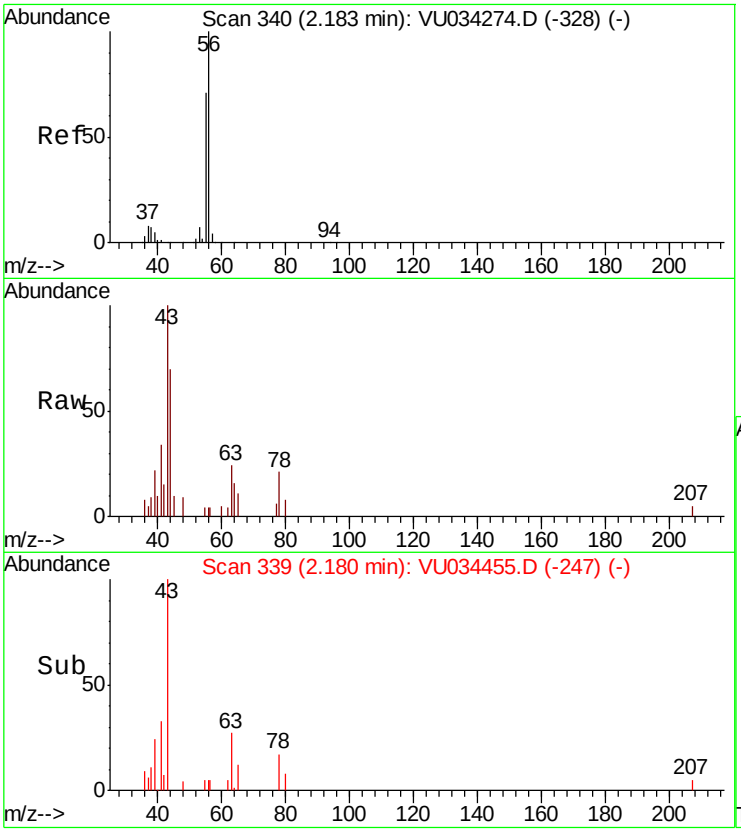


#11
Tert butyl alcohol
Concen: 5.433 ug/l
RT: 2.82 min Scan# 539
Delta R.T. 0.01 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 59 Resp: 4146

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



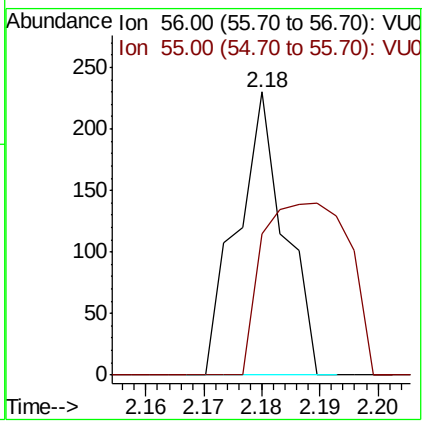


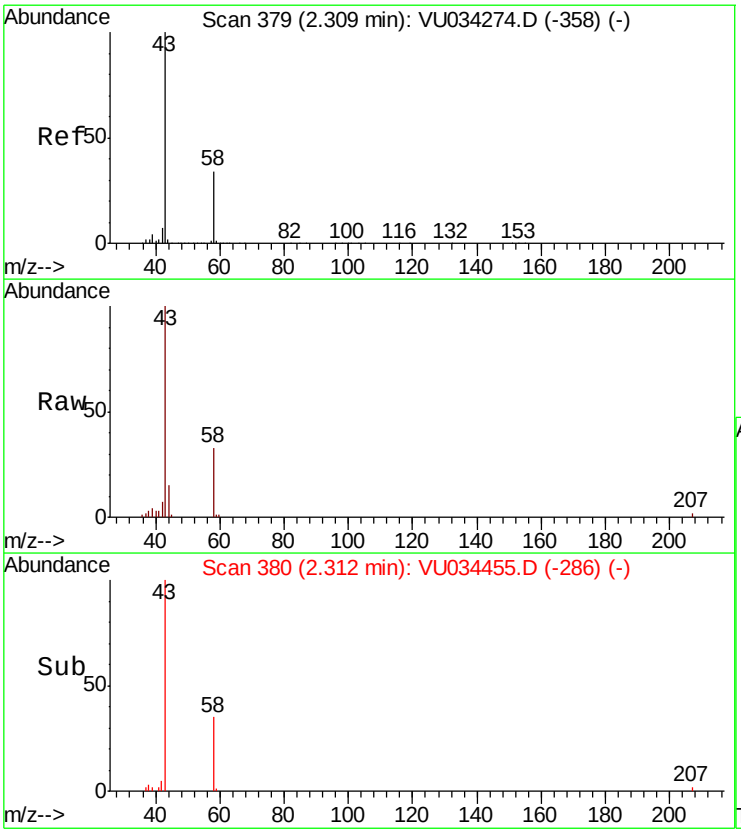
#13
Acrolein
Concen: 0.203 ug/l
RT: 2.18 min Scan# 339
Delta R.T. -0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion: 56 Resp: 130

Ion	Ratio	Lower	Upper
56	100		
55	112.3	57.4	86.2#

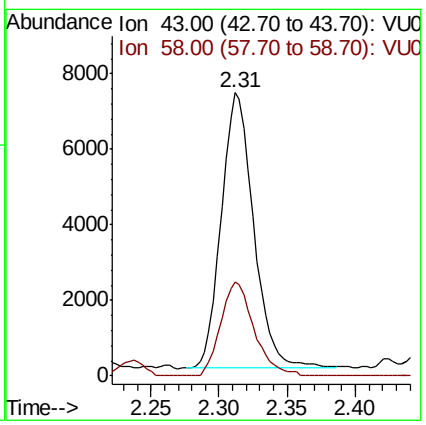


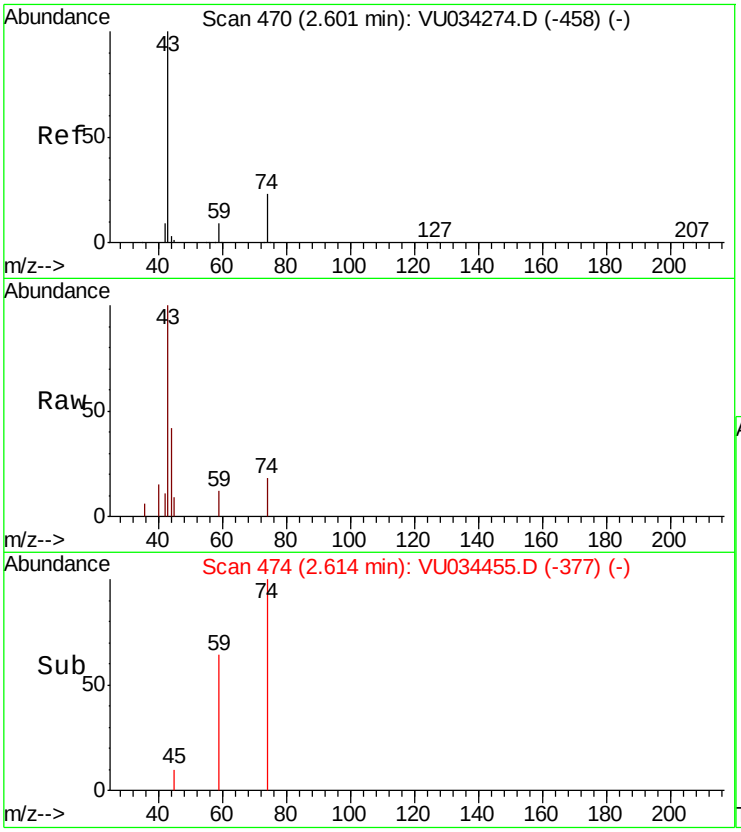


#16
Acetone
Concen: 6.452 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 43 Resp: 12060

Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.6	41.4



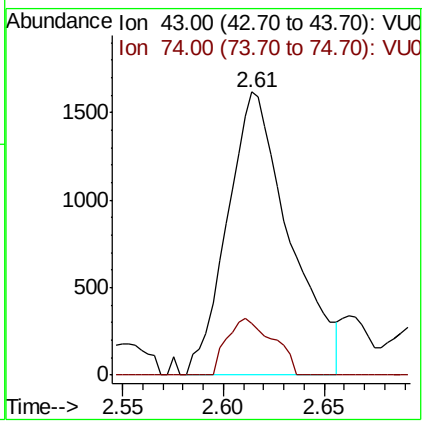


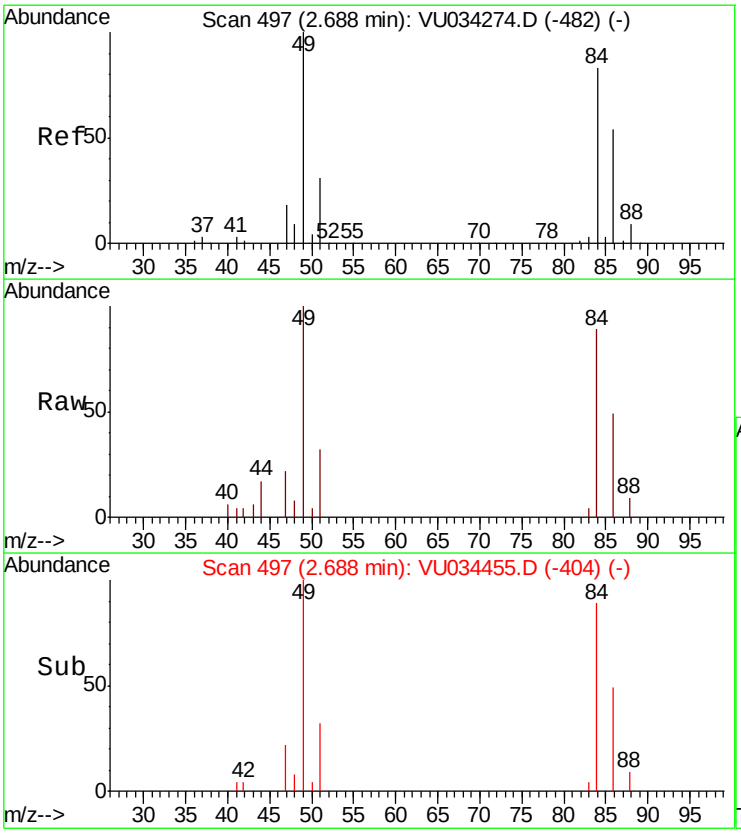
#18
Methyl Acetate
Concen: 0.762 ug/l
RT: 2.61 min Scan# 474
Delta R.T. 0.01 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument : MSVOA_U
ClientSampleId : PAR-C4-(0)

Tgt Ion: 43 Resp: 3467

Ion	Ratio	Lower	Upper
43	100		
74	15.1	18.9	28.3#

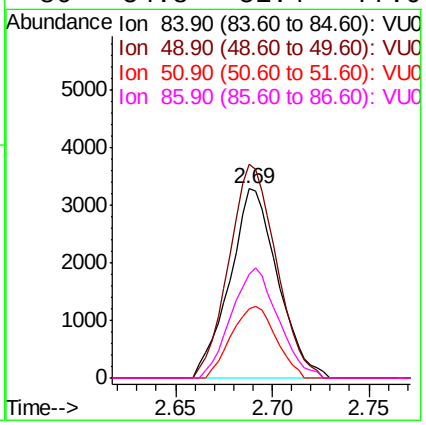


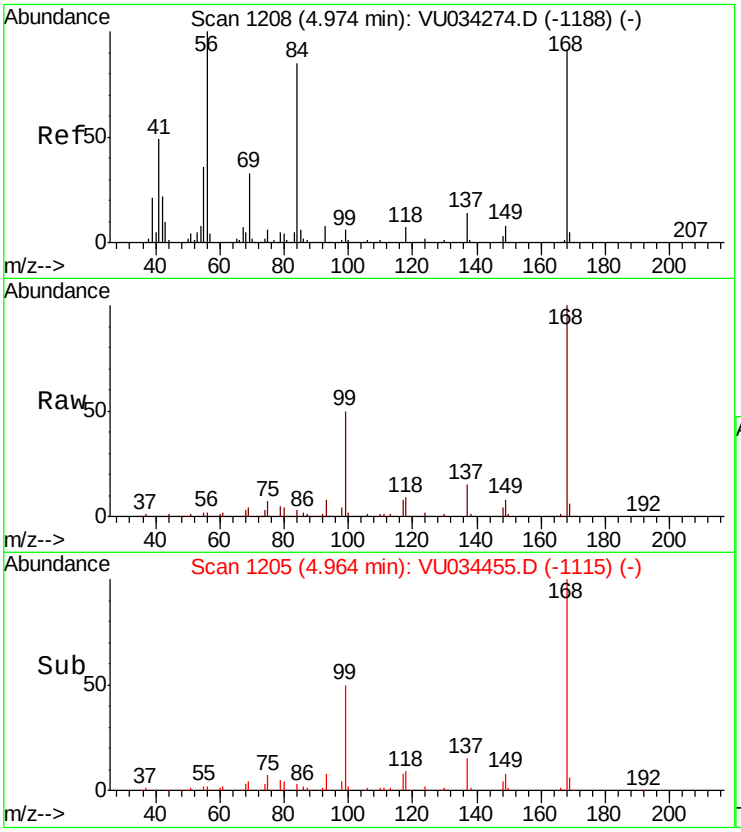


#20
Methylene Chloride
Concen: 1.460 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 84 Resp: 5659

Ion	Ratio	Lower	Upper
84	100		
49	112.9	96.0	144.0
51	36.3	30.0	45.0
86	54.8	51.4	77.0



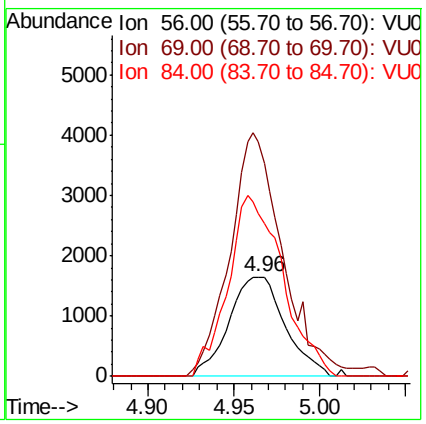


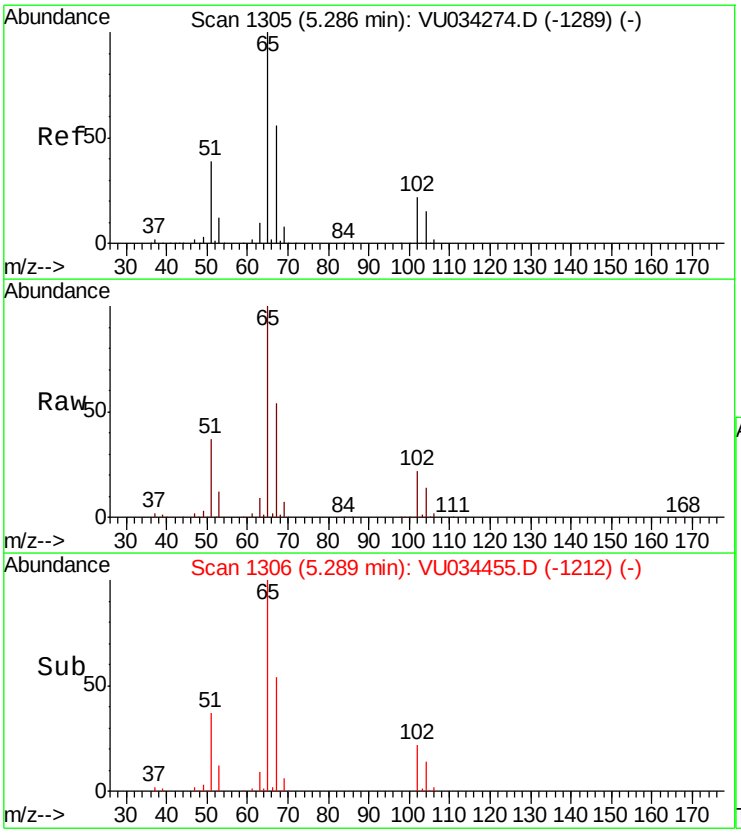
#31
Cyclohexane
Concen: 0.887 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion: 56 Resp: 3754

Ion	Ratio	Lower	Upper
56	100		
69	236.9	26.7	40.1#
84	164.7	68.2	102.4#

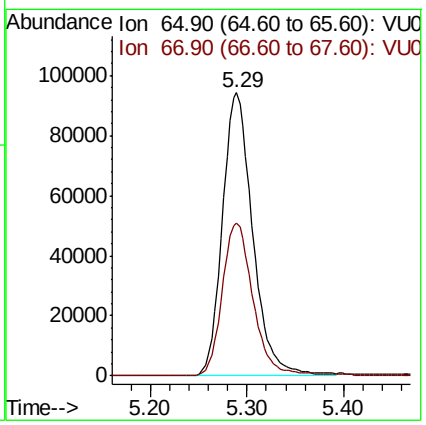


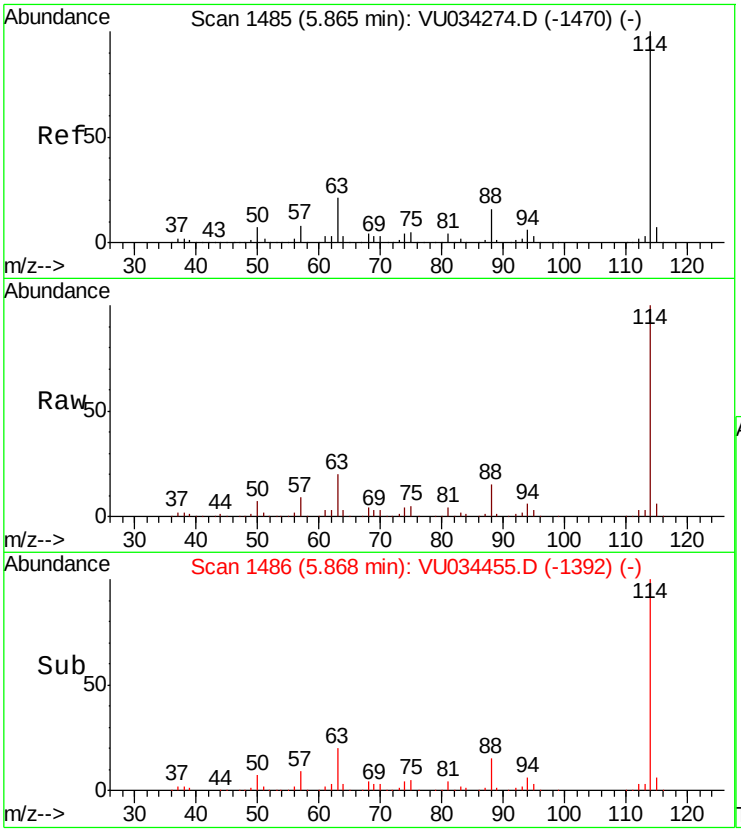


#33
1,2-Dichloroethane-d4
Concen: 56.882 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 65 Resp: 205460

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	112.4



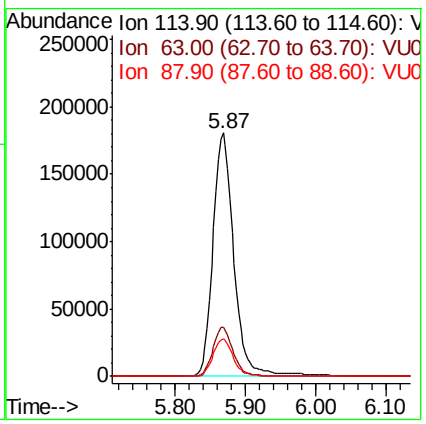


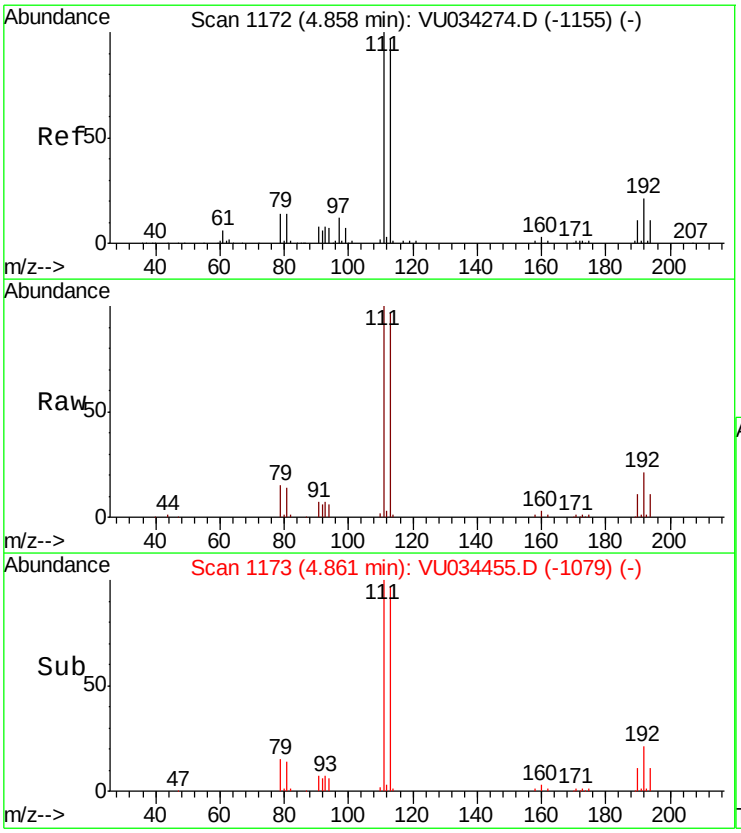
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion:114 Resp: 371642

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	15.4	0.0	32.4

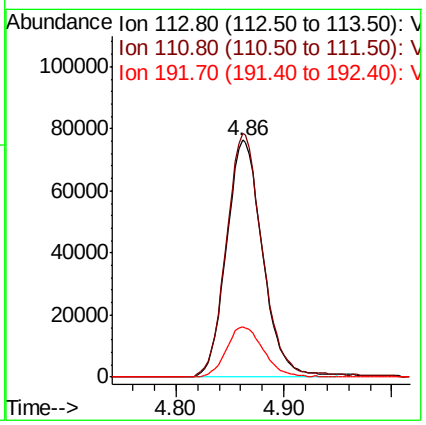


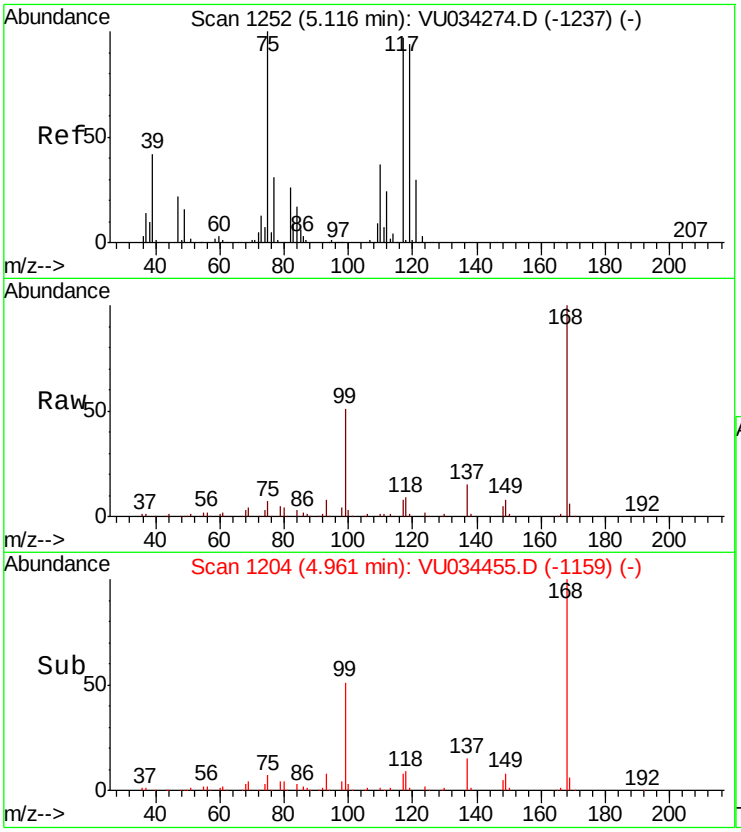


#35
Dibromofluoromethane
Concen: 51.554 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion:113 Resp: 178282

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	21.8	17.8	26.8



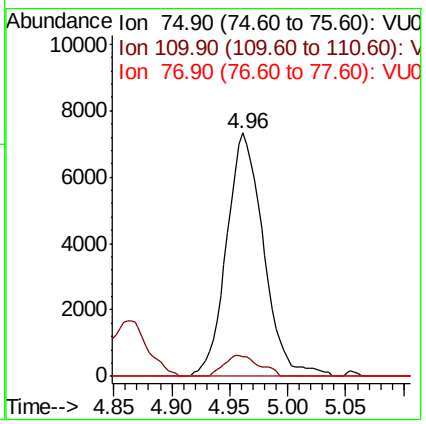


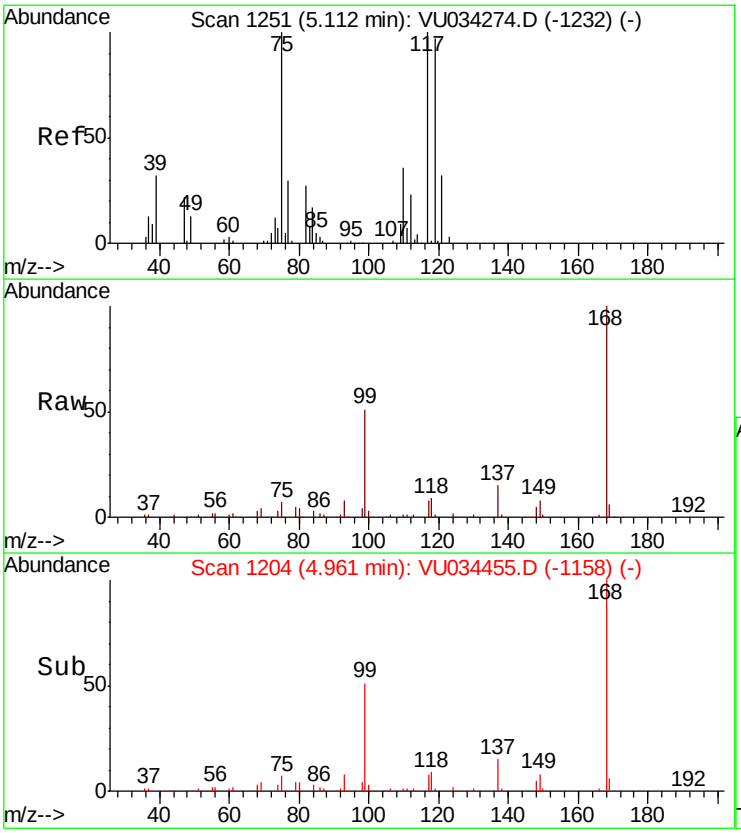
#36
1,1-Dichloropropene
Concen: 4.036 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion: 75 Resp: 16266

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.3	54.9#
77	0.0	24.9	37.3#

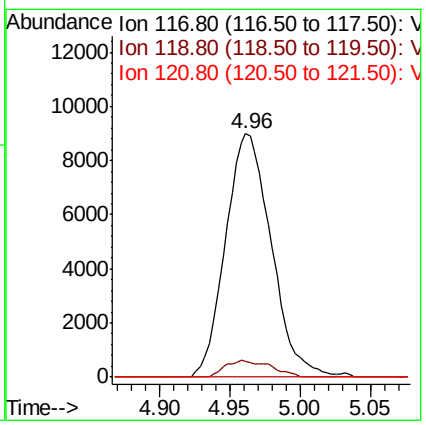


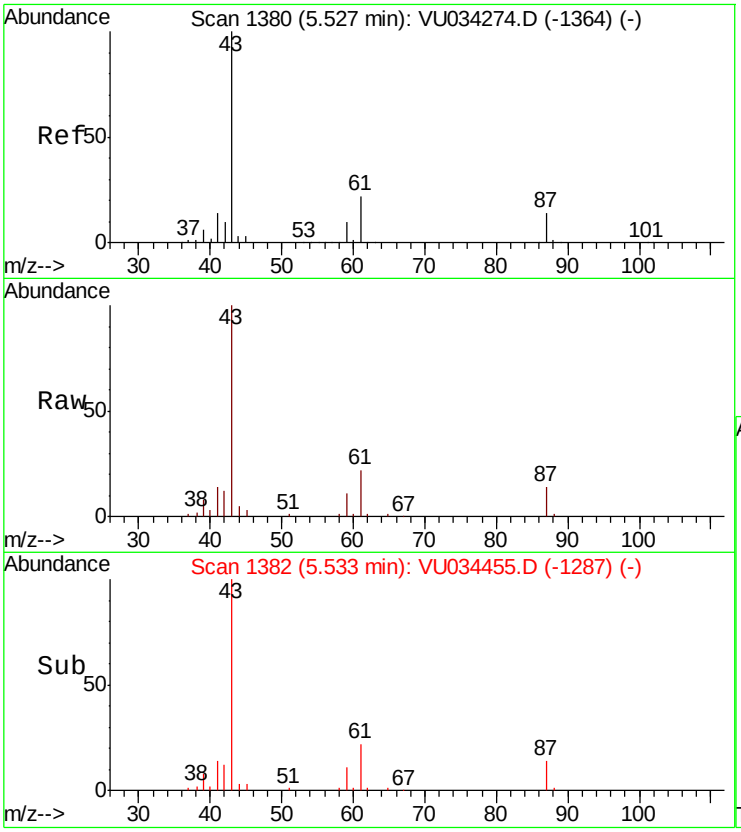


#38
Carbon Tetrachloride
Concen: 4.736 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion:117 Resp: 20383

Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.8	116.6#
121	0.0	25.2	37.8#



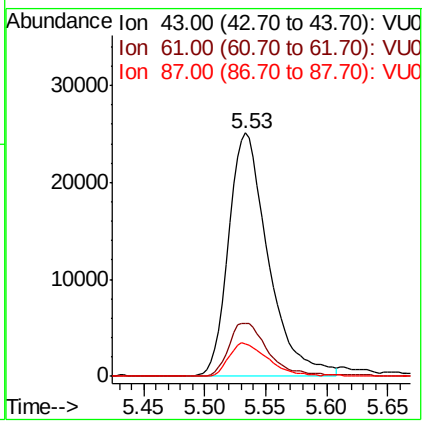


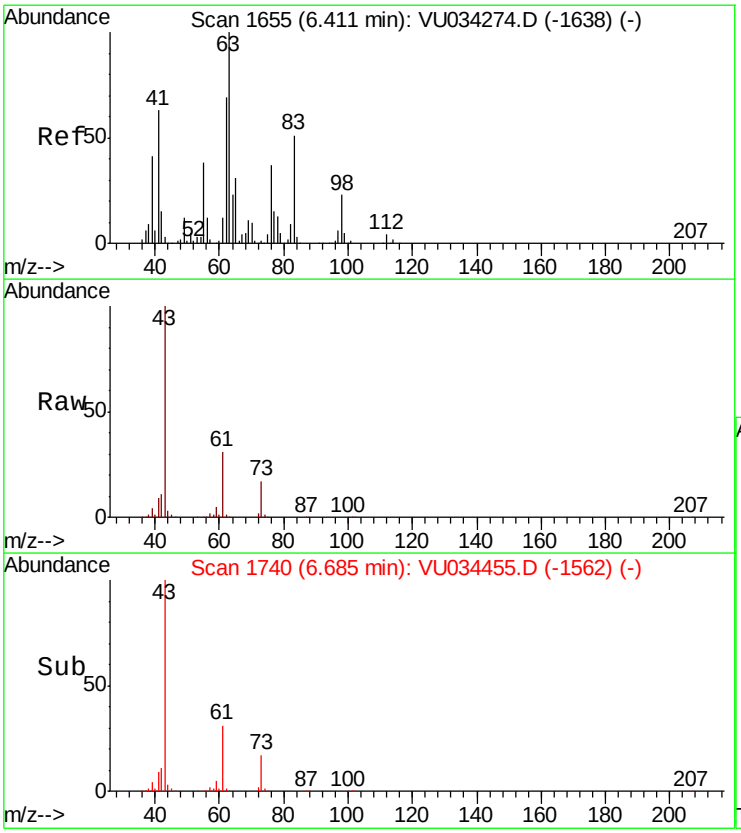
#43
Isopropyl Acetate
Concen: 7.650 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument : MSVOA_U
ClientSampleId : PAR-C4-(0)

Tgt Ion: 43 Resp: 56868

Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.1	25.7
87	13.4	11.1	16.7

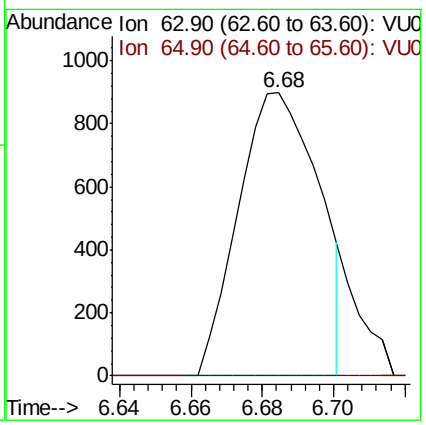


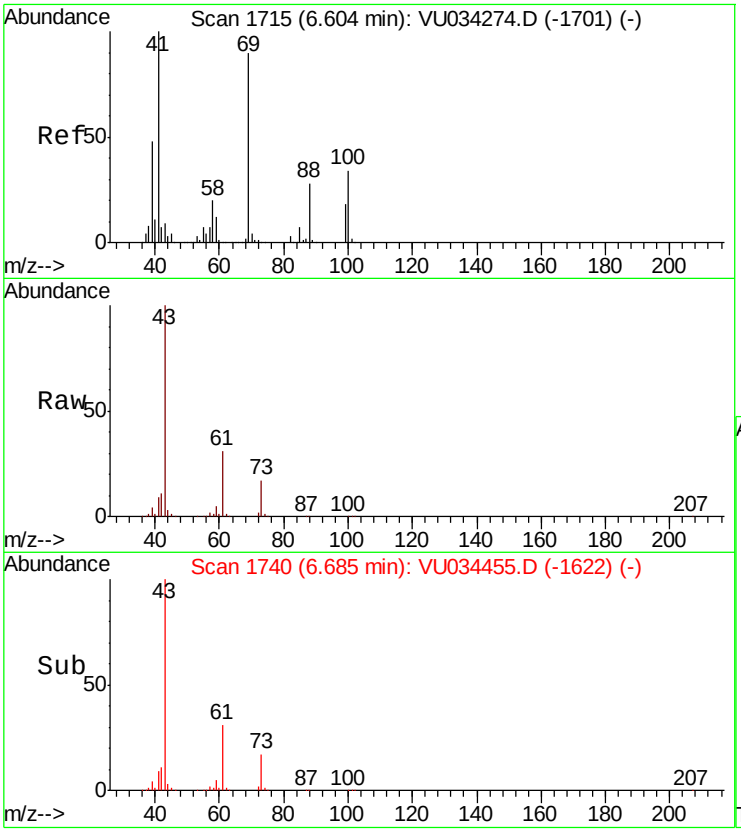


#45
1,2-Dichloropropane
Concen: 0.368 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.27 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 63 Resp: 1401

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#



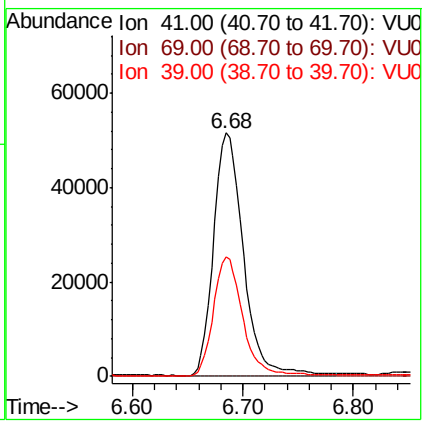


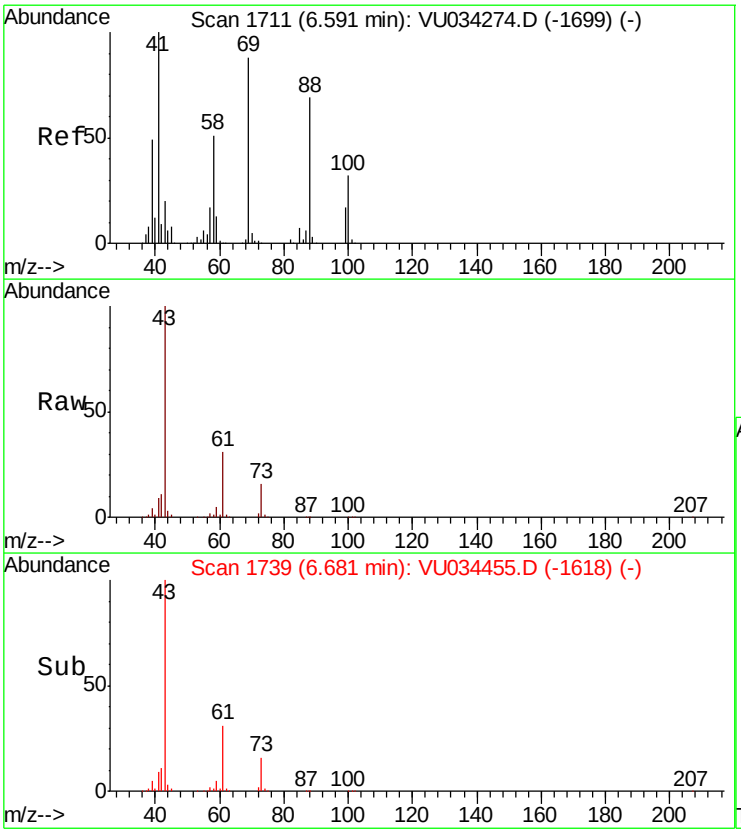
#48
Methyl methacrylate
Concen: 27.387 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion: 41 Resp: 96697

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.8	109.2#
39	48.7	38.6	58.0

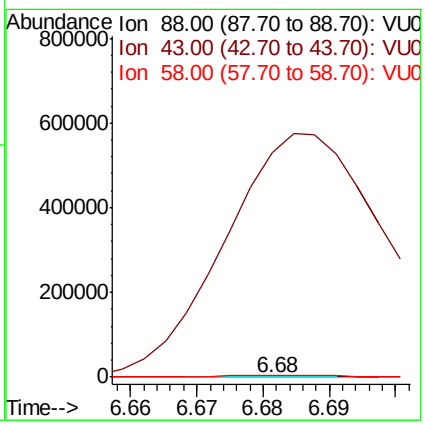


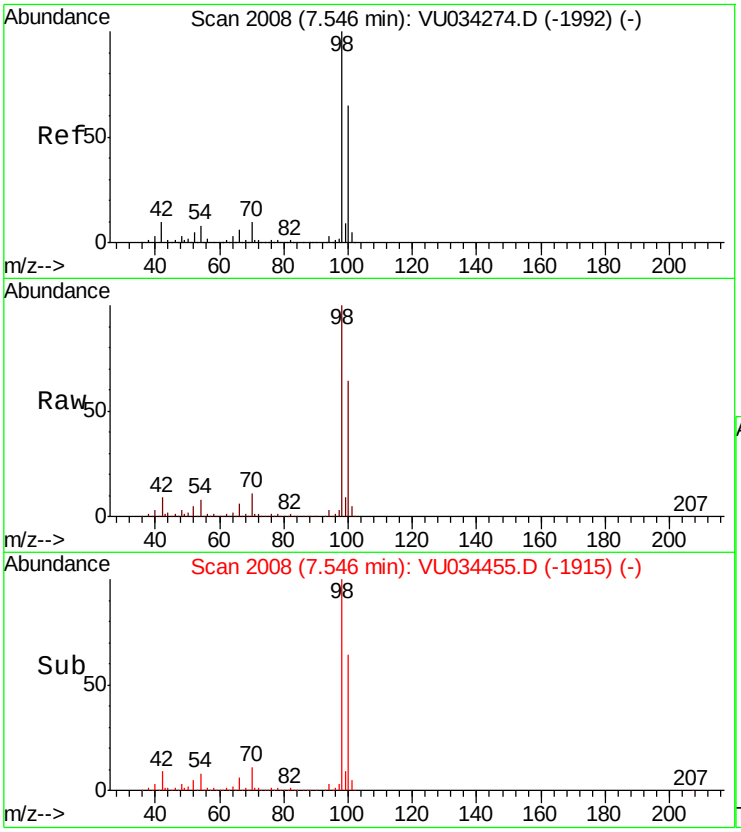


#49
1,4-Dioxane
Concen: 1.621 ug/l
RT: 6.68 min Scan# 1739
Delta R.T. 0.09 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 88 Resp: 125

Ion	Ratio	Lower	Upper
88	100		
43	844164.0	23.8	35.6#
58	5254.4	58.4	87.6#



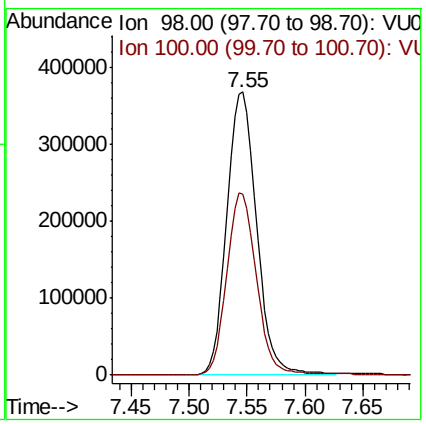


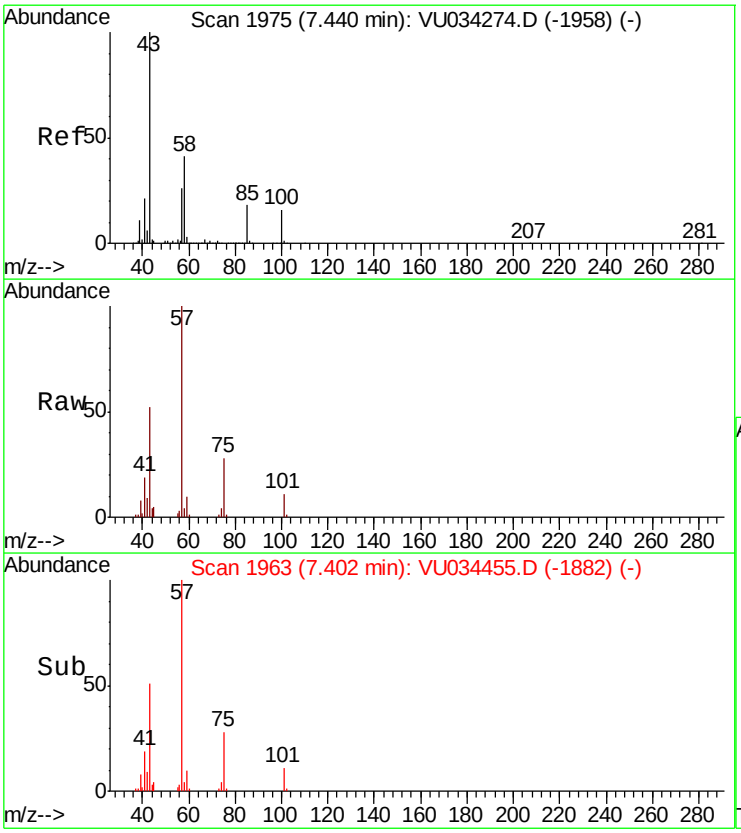
#50
Toluene-d8
Concen: 50.415 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion: 98 Resp: 655010

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5

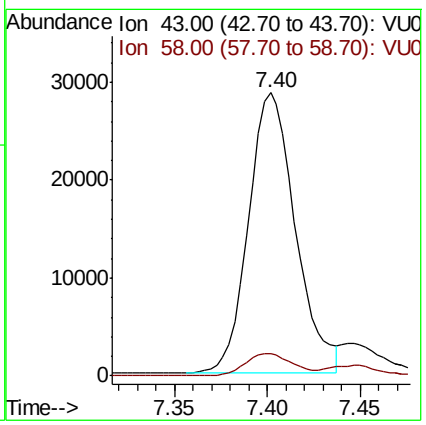


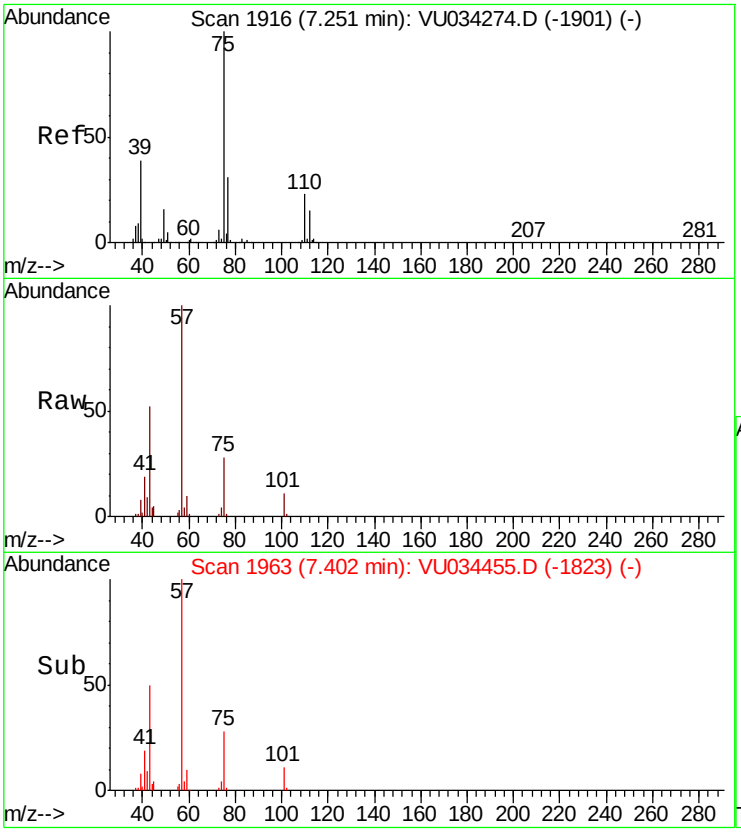


#51
4-Methyl-2-Pentanone
Concen: 9.763 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 43 Resp: 50237

Ion	Ratio	Lower	Upper
43	100		
58	7.9	33.0	49.4#



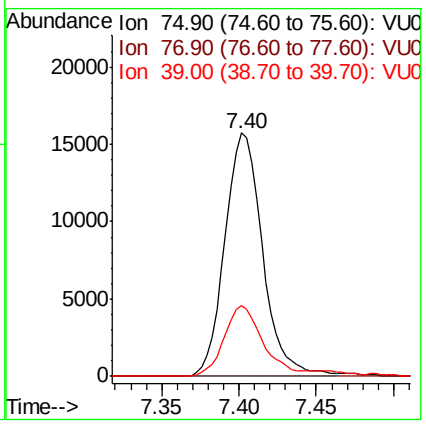


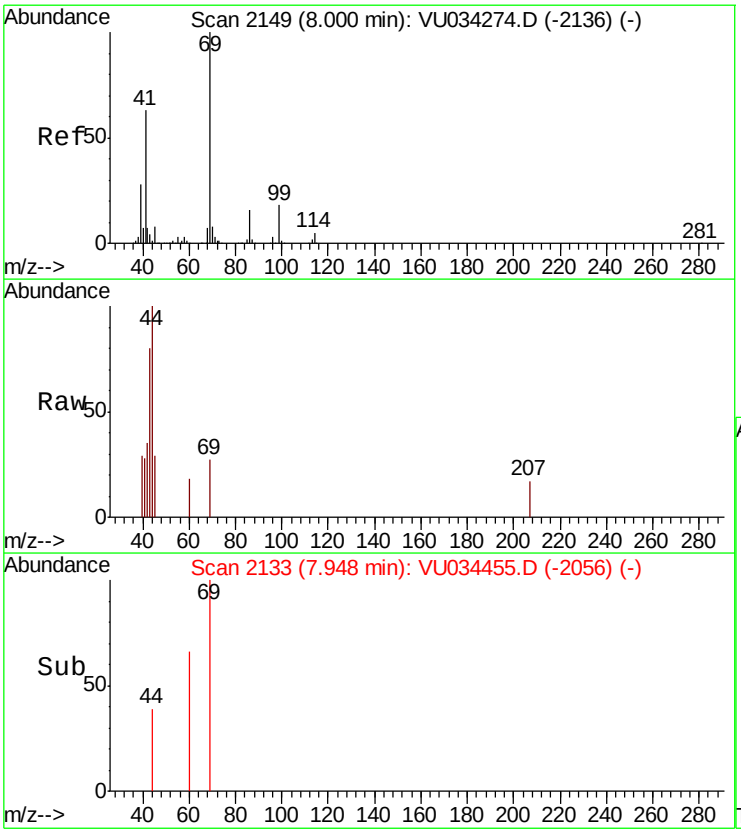
#54
cis-1,3-Dichloropropene
Concen: 4.763 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion: 75 Resp: 26619

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	29.0	31.2	46.8#

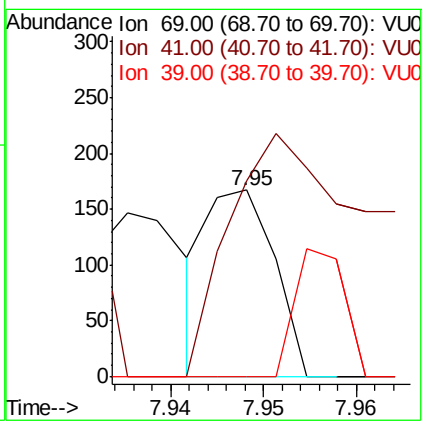


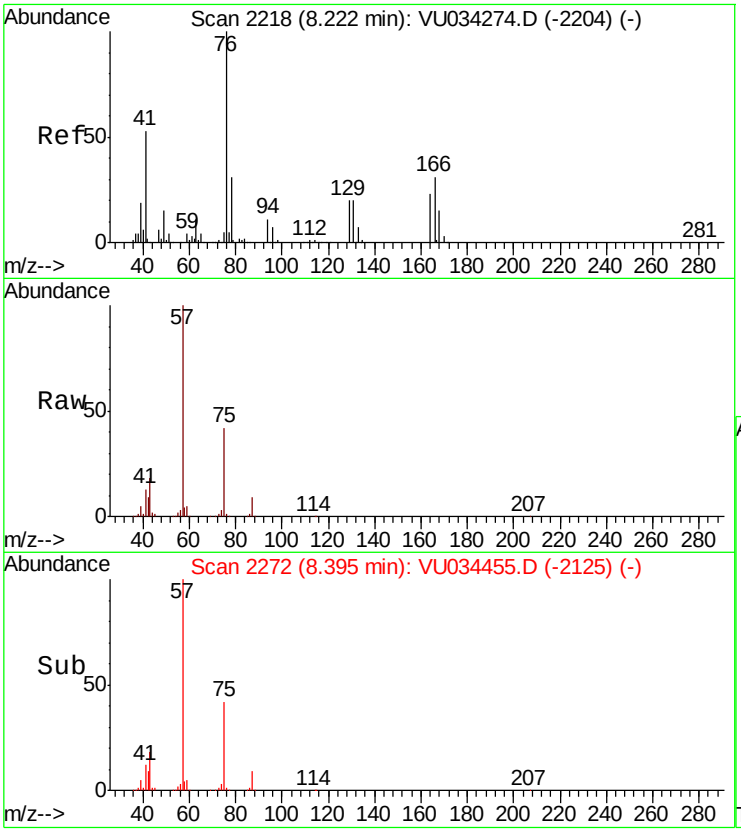


#56
Ethyl methacrylate
Concen: 3.091 ug/l
RT: 7.95 min Scan# 2133
Delta R.T. -0.05 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 69 Resp: 84

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



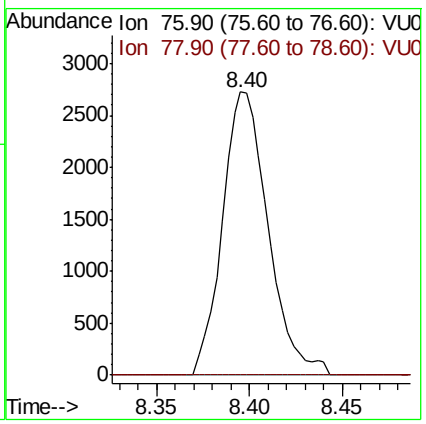


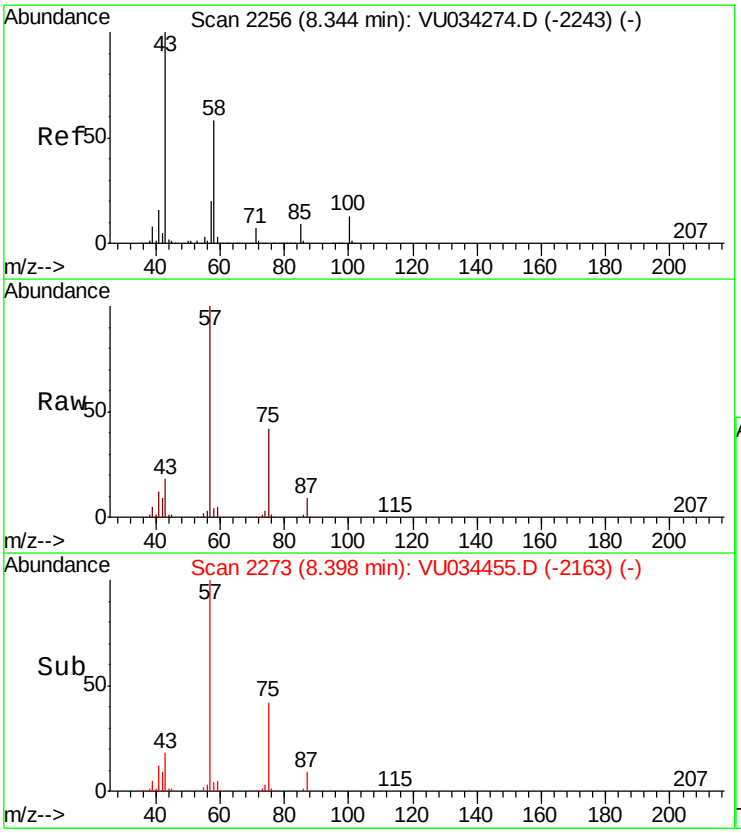
#57
1,3-Dichloropropane
Concen: 0.772 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.17 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument : MSVOA_U
ClientSampleId : PAR-C4-(0)

Tgt Ion: 76 Resp: 4654

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#

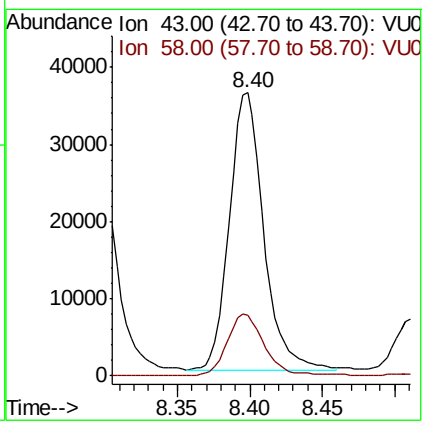


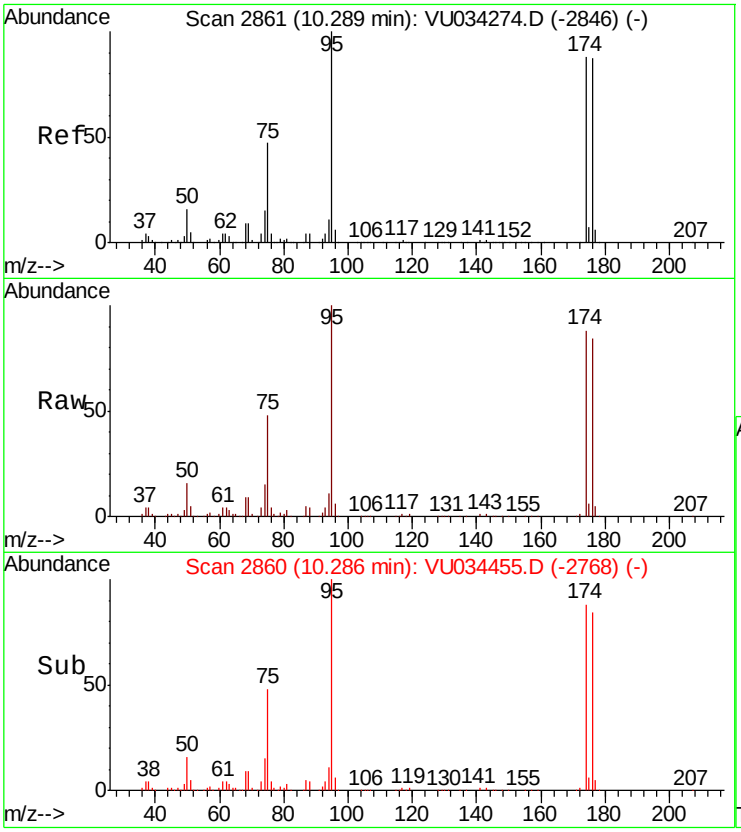


#59
2-Hexanone
Concen: 15.227 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 43 Resp: 58535

Ion	Ratio	Lower	Upper
43	100		
58	24.7	28.8	86.5#



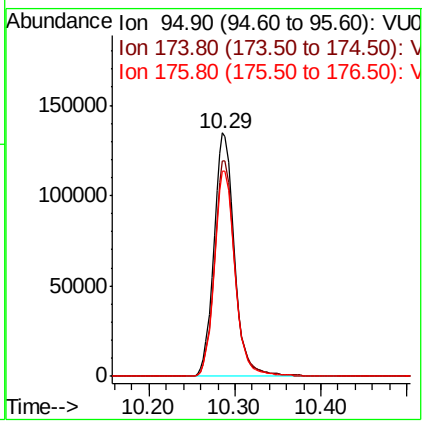


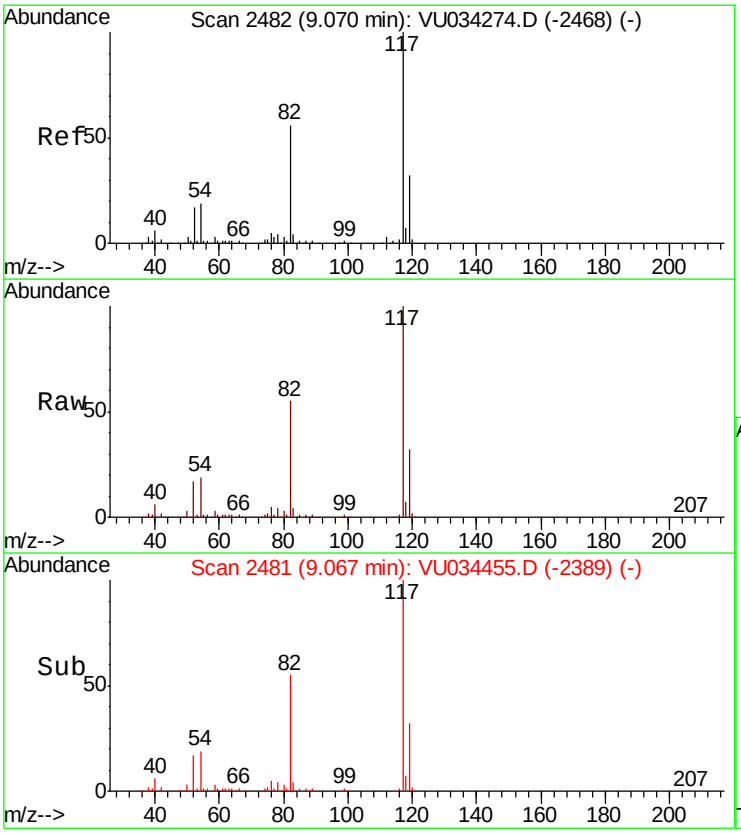
#62
4-Bromofluorobenzene
Concen: 44.627 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion: 95 Resp: 223858

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	175.2
176	84.8	0.0	168.0

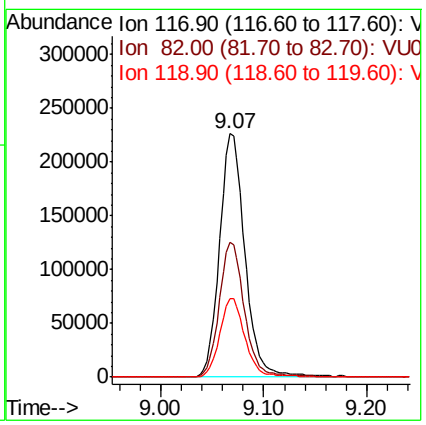


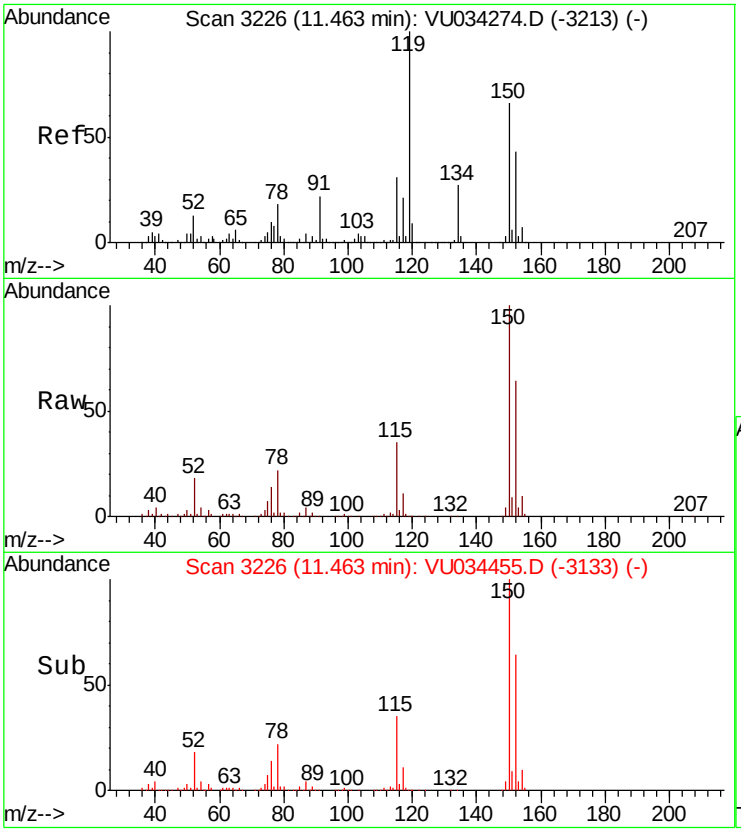


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion:117 Resp: 388130

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	67.0
119	32.3	25.9	38.9



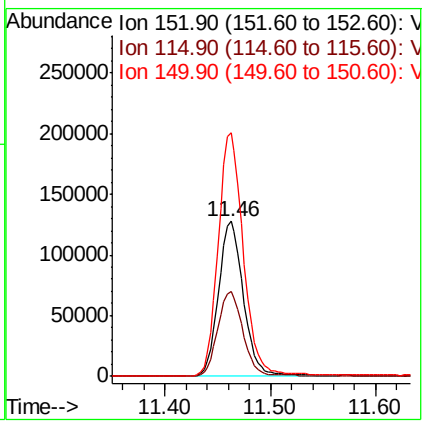


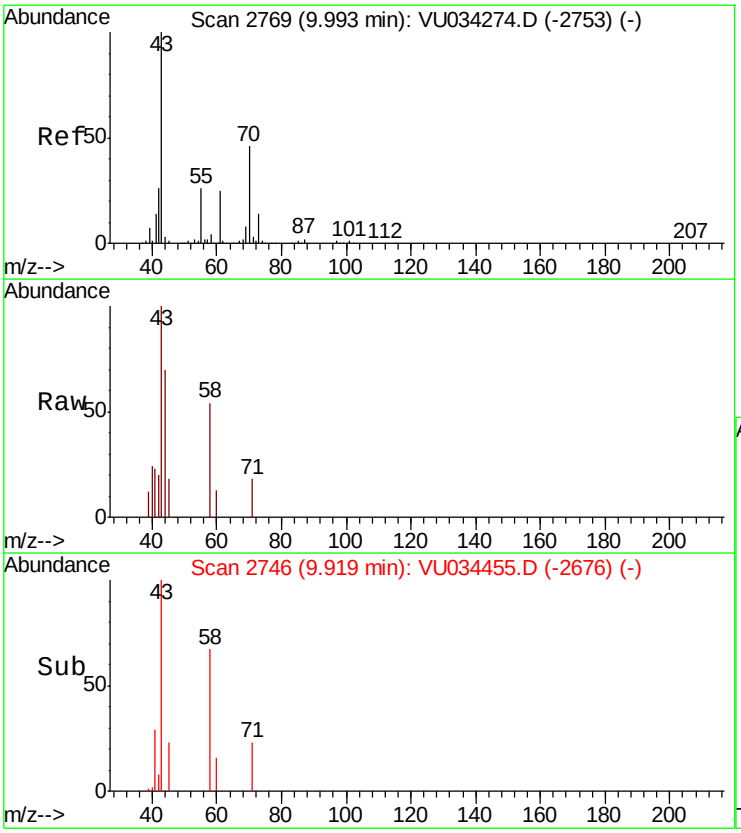
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion:152 Resp: 210149

Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.1	117.3
150	158.5	0.0	345.4

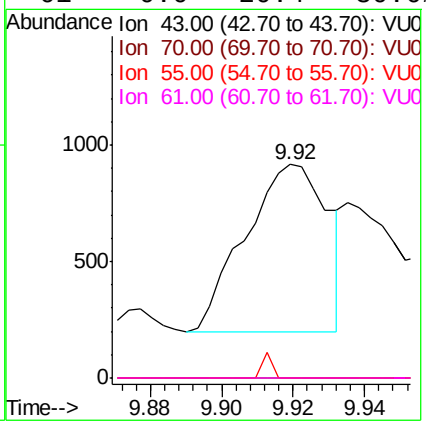


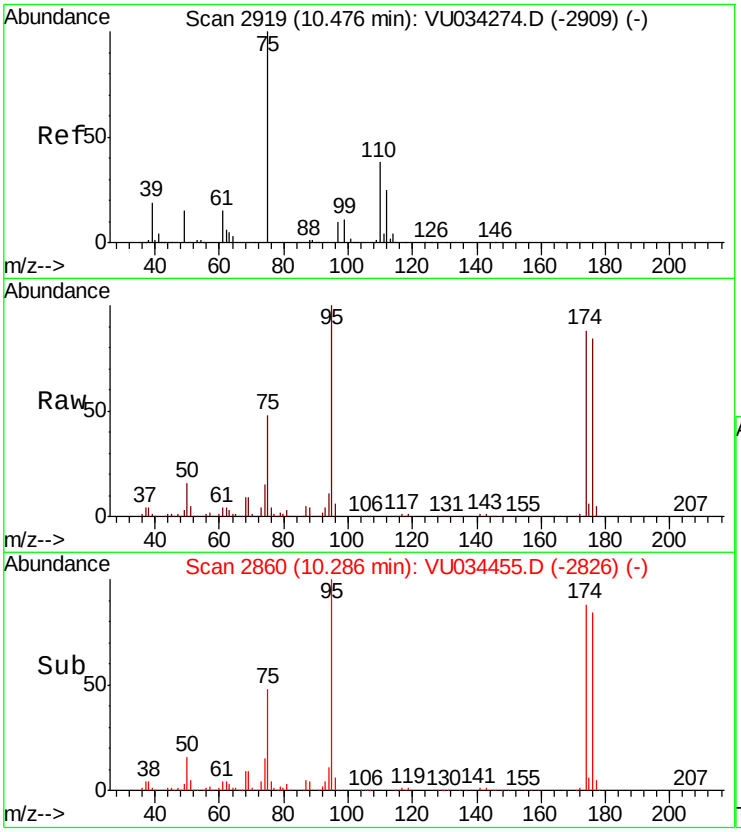


#74
N-amyl acetate
Concen: 0.209 ug/l
RT: 9.92 min Scan# 2746
Delta R.T. -0.07 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 43 Resp: 1150

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



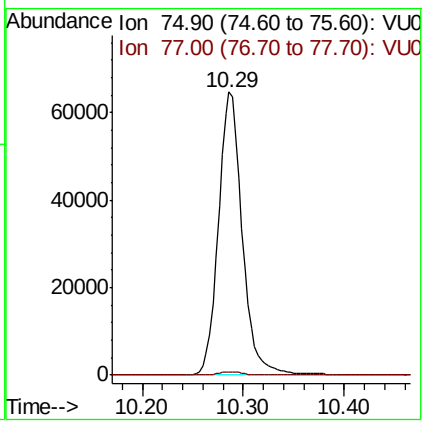


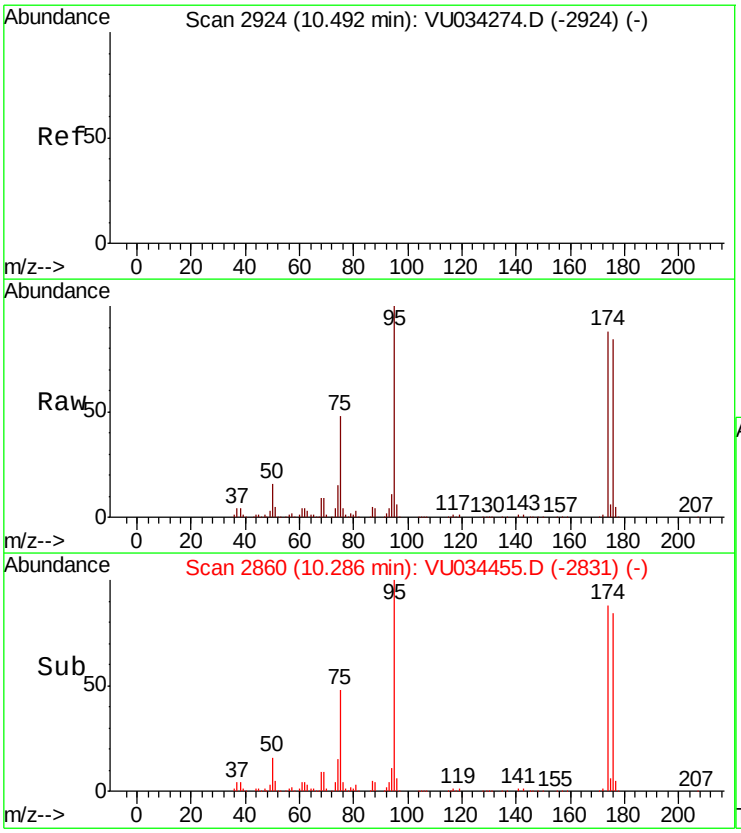
#76
1,2,3-Trichloropropane
Concen: 23.323 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.19 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion: 75 Resp: 106985

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.8	62.2#

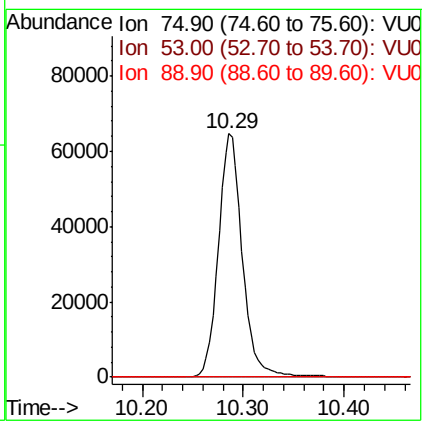


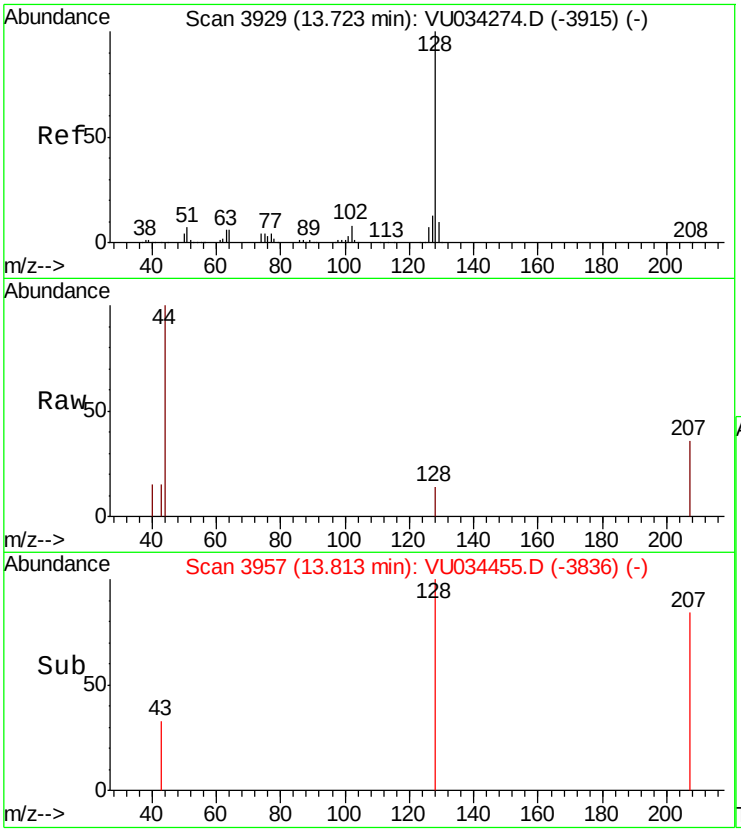


#81
trans-1,4-Dichloro-2-butene
Concen: 78.432 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.21 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 75 Resp: 106985

Ion	Ratio	Lower	Upper
75	100		
53	0.1	0.0	0.0#
89	0.0	0.0	0.0





#95
Naphthalene
Concen: 3.972 ug/l
RT: 13.81 min Scan# 3957
Delta R.T. 0.09 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tgt Ion:128 Resp: 87

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.4	12.6#