Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034458.D
Acq On : 10 Sep 2019 17:53
Operator : JC/SP
Sample : K4603-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PAR-E1-(0)

Quant Time: Sep 11 05:57:28 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	197438	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.87	114	310904	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.07	117	327620	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	165568	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.29	65	193845	64.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 129.78%				
35) Dibromofluoromethane	4.86	113	164778	56.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.92%				
50) Toluene-d8	7.55	98	521073	47.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.88%				
62) 4-Bromofluorobenzene	10.29	95	175347	41.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.56%				
Target Compounds							Qvalue
5) Bromomethane	1.63	94	282	Below Cal			94
6) Chloroethane	1.67	64	89	Below Cal	#		43
8) Diethyl Ether	2.10	74	327	0.215	ug/l		69
10) Methyl Iodide	2.41	142	41	3.865	ug/l	#	43
11) Tert butyl alcohol	2.82	59	8161	12.931	ug/l	#	73
16) Acetone	2.31	43	14163	9.162	ug/l		97
18) Methyl Acetate	2.61	43	4006	1.065	ug/l	#	73
20) Methylene Chloride	2.69	84	11318	4.103	ug/l		94
31) Cyclohexane	4.96	56	3408	0.974	ug/l	#	1
36) 1,1-Dichloropropene	4.96	75	13338	3.956	ug/l	#	48
38) Carbon Tetrachloride	4.96	117	18118	5.033	ug/l	#	16
43) Isopropyl Acetate	5.53	43	63304	10.179	ug/l		97
48) Methyl methacrylate	6.68	41	111985	37.913	ug/l	#	37
49) 1,4-Dioxane	6.69	88	68	1.054	ug/l	#	1
51) 4-Methyl-2-Pentanone	7.40	43	51227	11.900	ug/l	#	48
54) cis-1,3-Dichloropropene	7.40	75	28064	6.002	ug/l	#	66
56) Ethyl methacrylate	7.94	69	130	3.102	ug/l	#	28
57) 1,3-Dichloropropane	8.40	76	5153	1.021	ug/l	#	43
59) 2-Hexanone	8.40	43	66072	20.546	ug/l	#	53
76) 1,2,3-Trichloropropane	10.29	75	81482	22.546	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	10.29	75	81482	75.820	ug/l	#	100
95) Naphthalene	13.80	128	48	3.970	ug/l	#	69

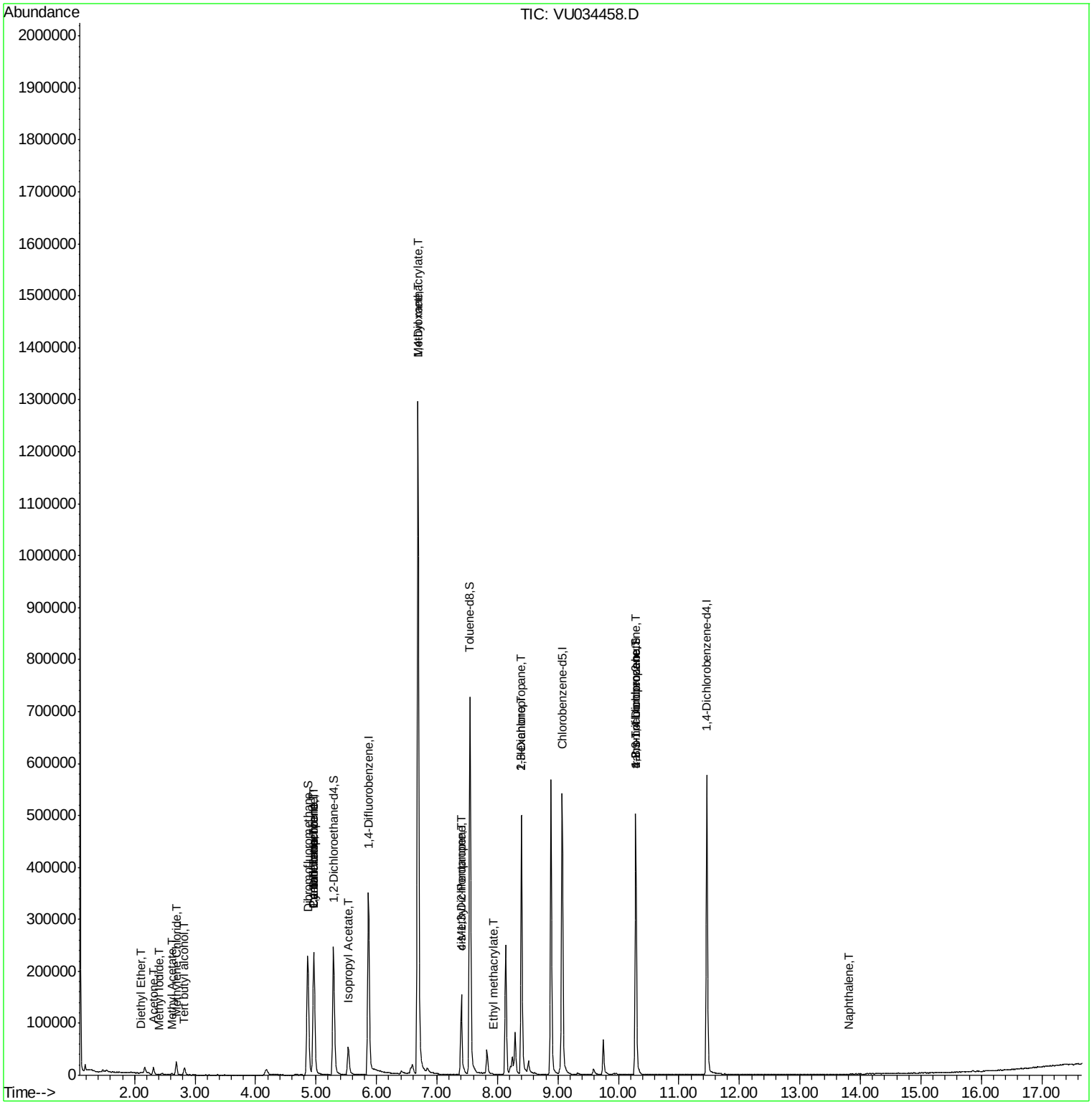
(#) = qualifier out of range (m) = manual integration (+) = signals summed

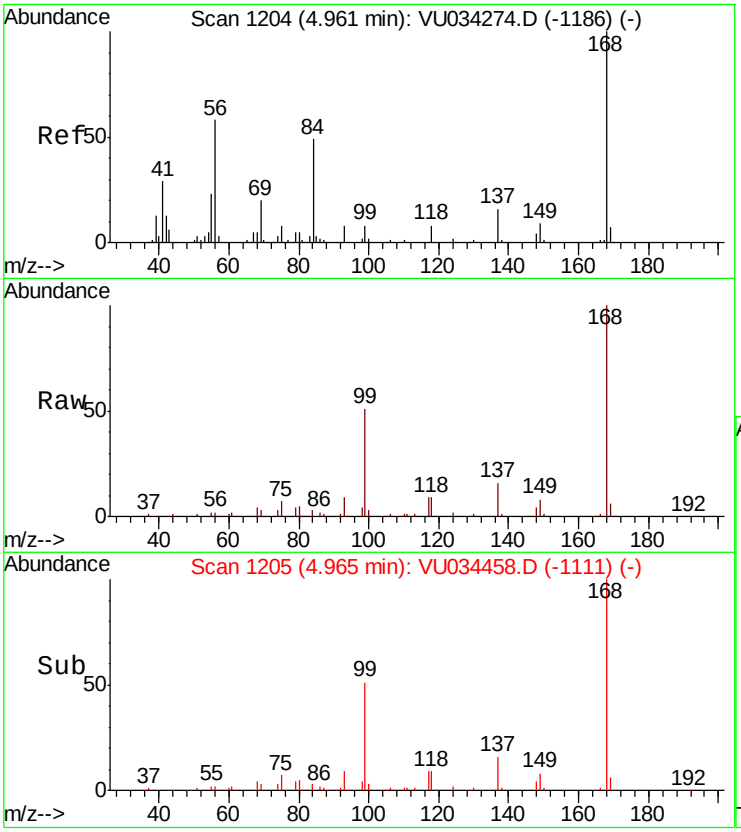
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034458.D
Acq On : 10 Sep 2019 17:53
Operator : JC/SP
Sample : K4603-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Quant Time: Sep 11 05:57:28 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



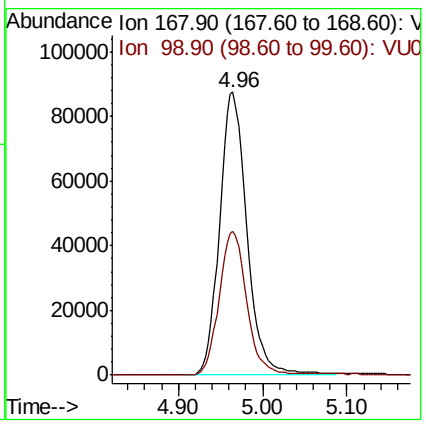


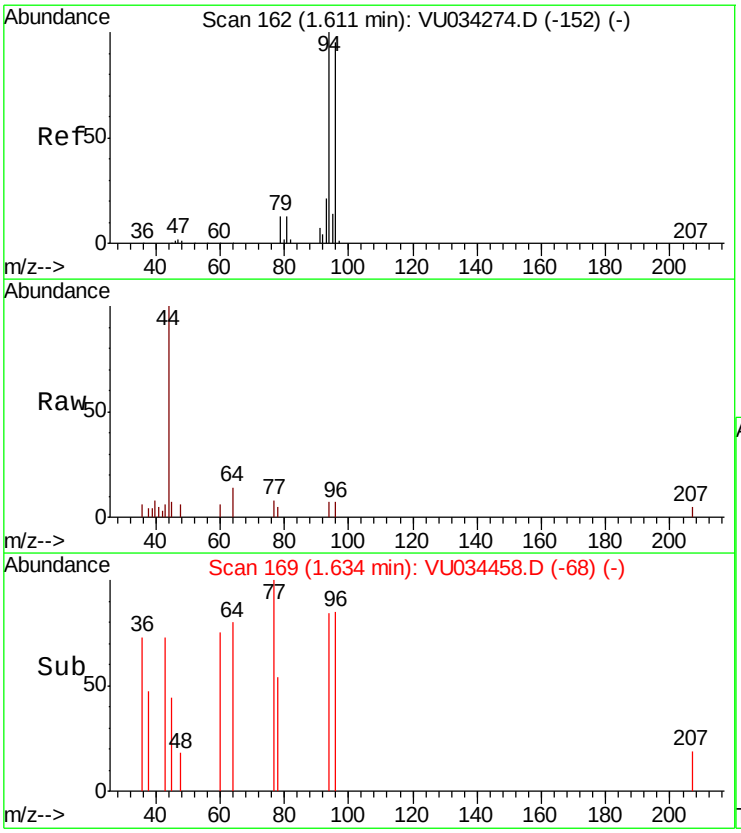
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion:168 Resp: 197438

Ion	Ratio	Lower	Upper
168	100		
99	50.7	41.6	62.4

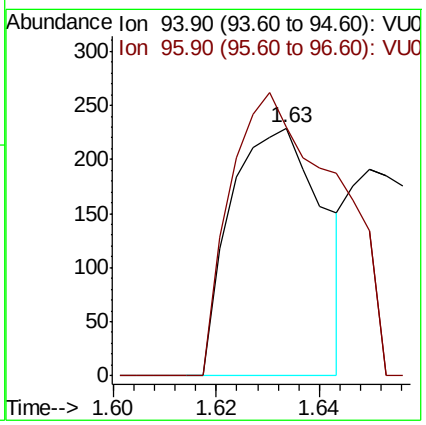


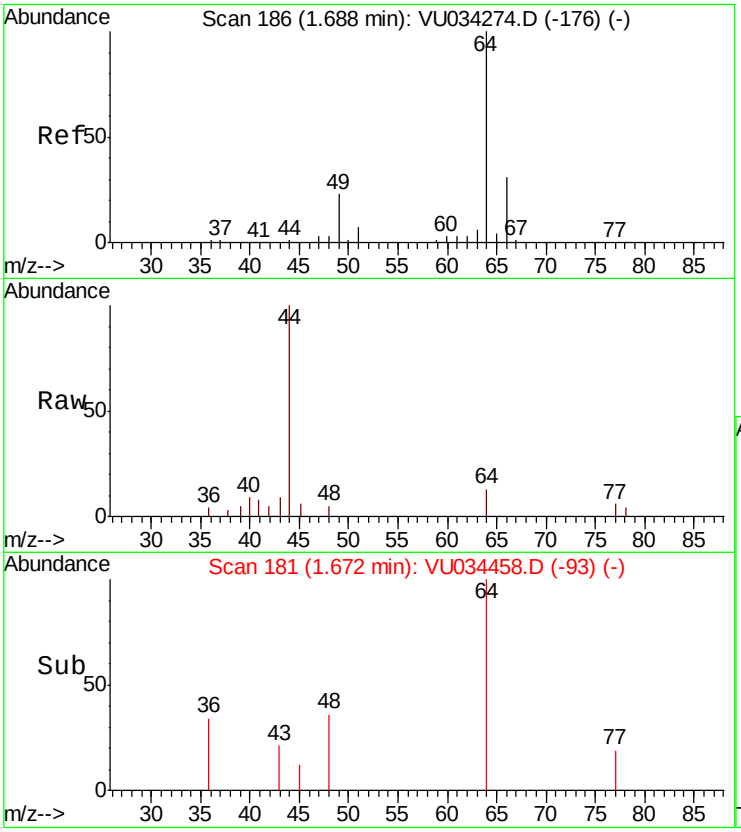


#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 169
Delta R.T. 0.02 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 94 Resp: 282

Ion	Ratio	Lower	Upper
94	100		
96	100.4	75.7	113.5



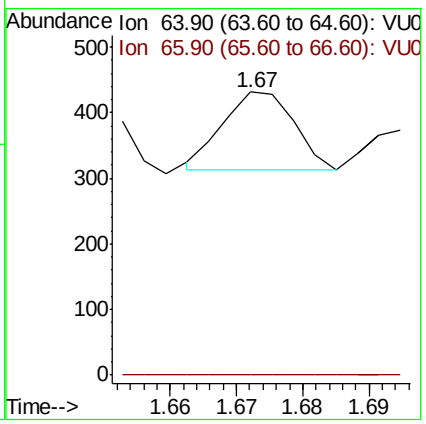


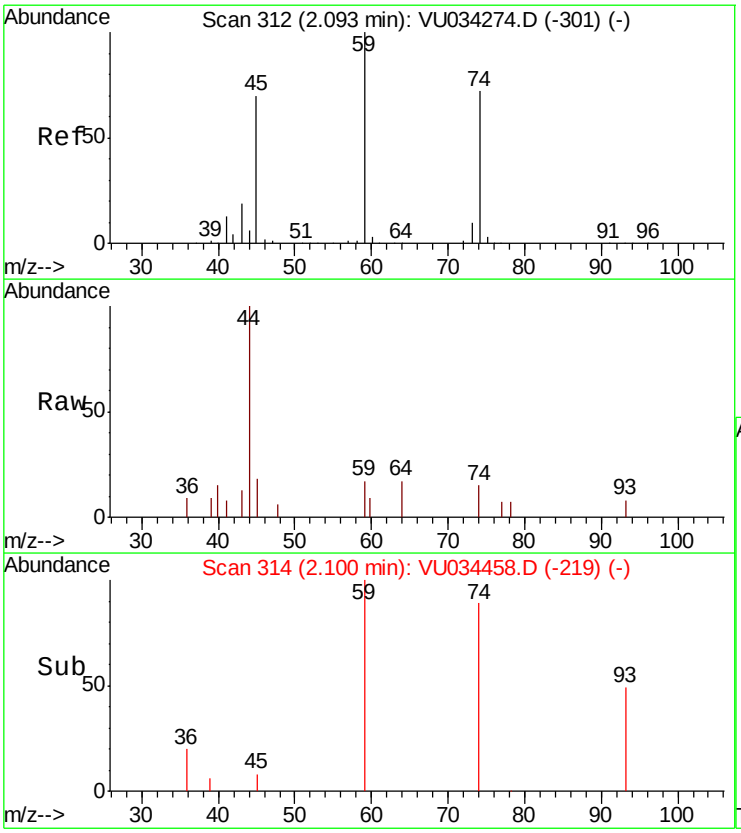
#6
Chloroethane
Concen: Below Cal
RT: 1.67 min Scan# 181
Delta R.T. -0.02 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion: 64 Resp: 89

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#

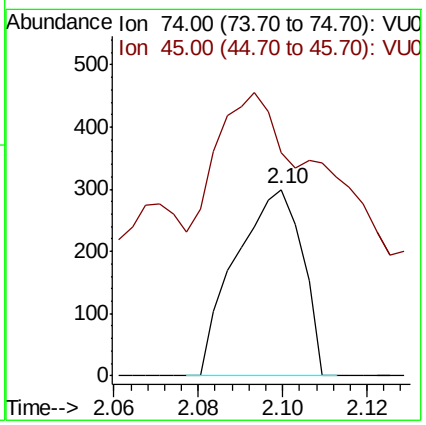


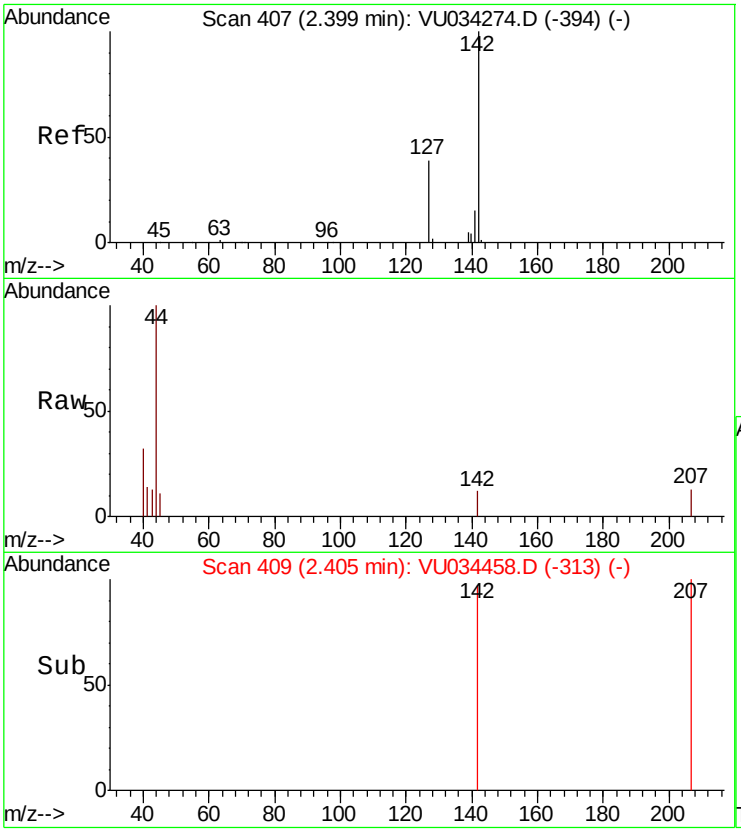


#8
Diethyl Ether
Concen: 0.215 ug/l
RT: 2.10 min Scan# 314
Delta R.T. 0.01 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 74 Resp: 327

Ion	Ratio	Lower	Upper
74	100		
45	127.2	48.2	144.6



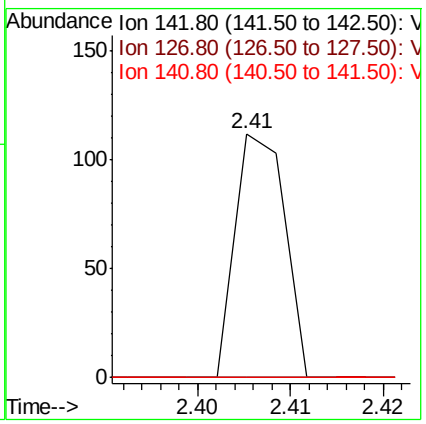


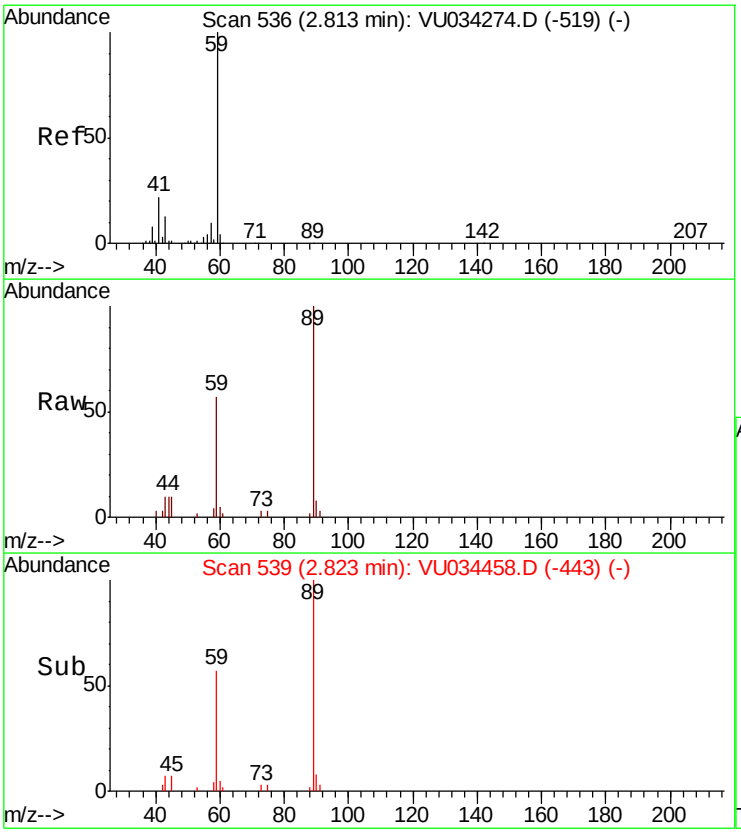
#10
Methyl Iodide
Concen: 3.865 ug/l
RT: 2.41 min Scan# 409
Delta R.T. 0.01 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_U
ClientSampleId : PAR-E1-(0)

Tgt Ion:142 Resp: 41

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

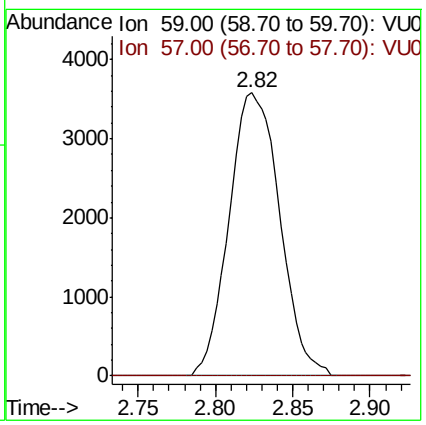


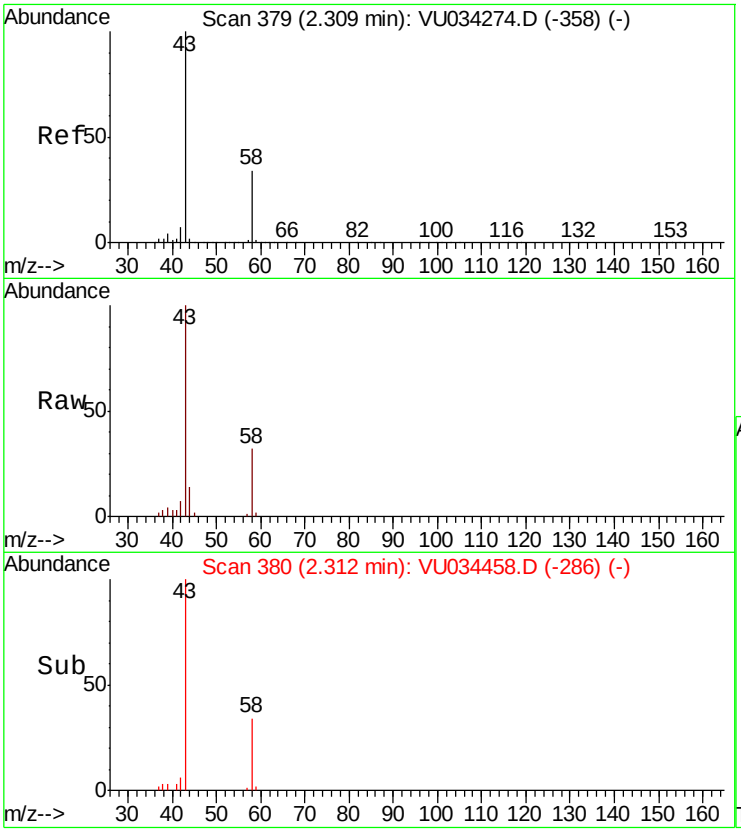


#11
Tert butyl alcohol
Concen: 12.931 ug/l
RT: 2.82 min Scan# 539
Delta R.T. 0.01 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 59 Resp: 8161

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



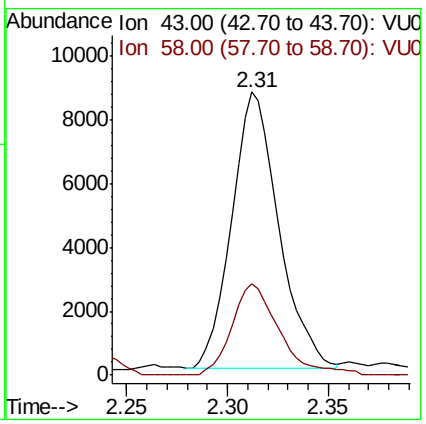


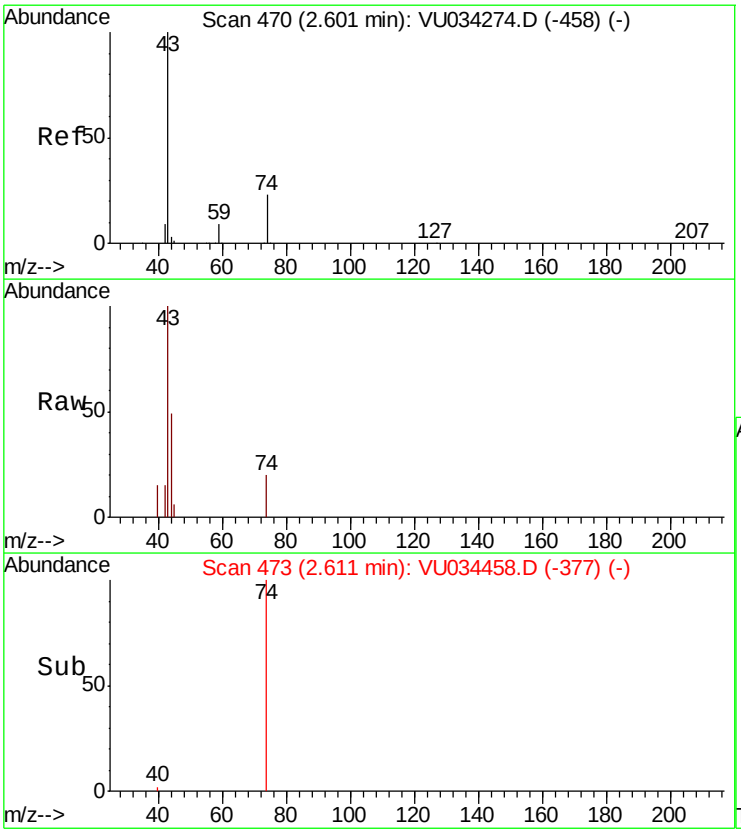
#16
Acetone
Concen: 9.162 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion: 43 Resp: 14163

Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.6	41.4

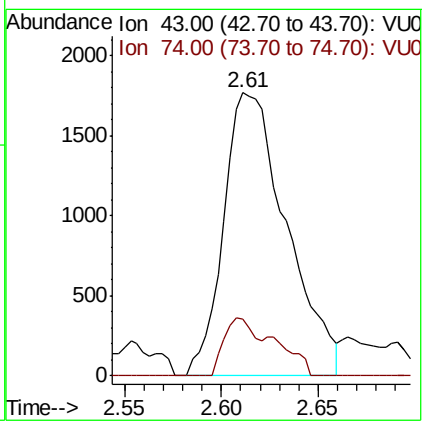


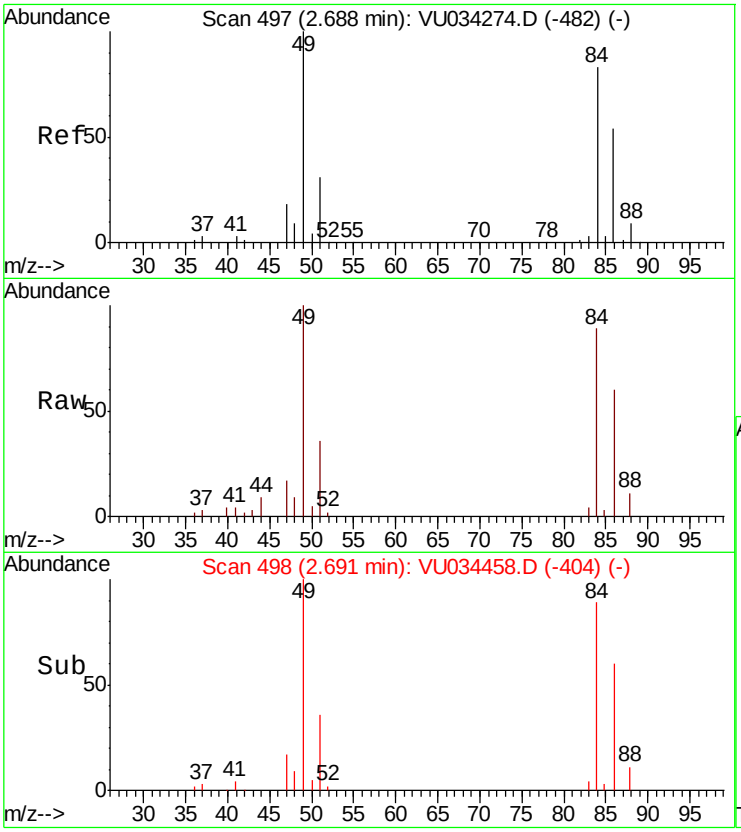


#18
Methyl Acetate
Concen: 1.065 ug/l
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp: 4006

Ion	Ratio	Lower	Upper
43	100		
74	10.5	18.9	28.3#



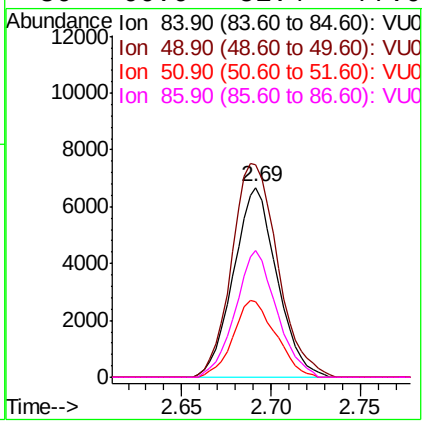


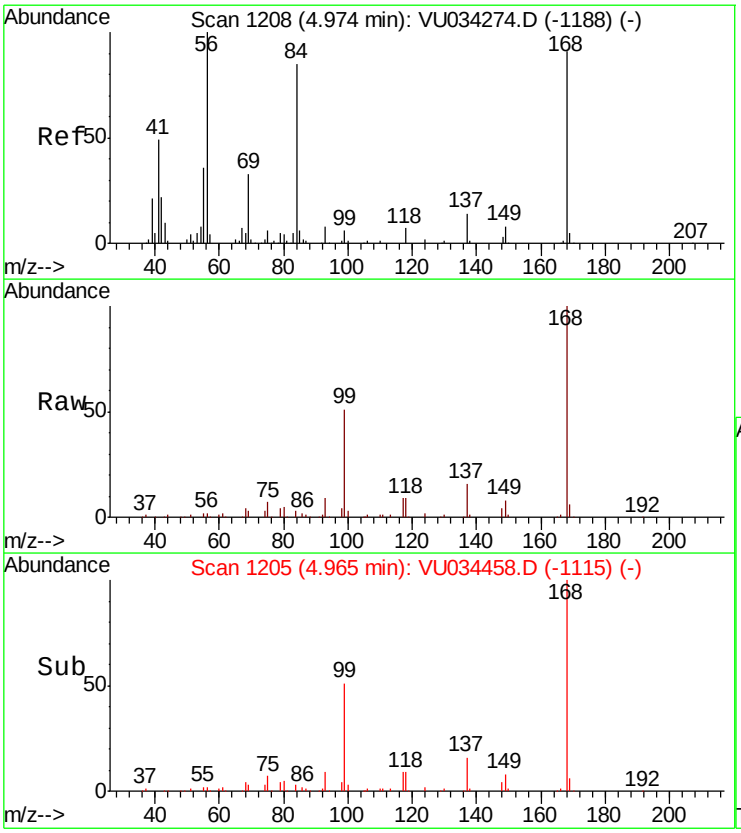
#20
Methylene Chloride
Concen: 4.103 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion: 84 Resp: 11318

Ion	Ratio	Lower	Upper
84	100		
49	111.8	96.0	144.0
51	39.9	30.0	45.0
86	66.6	51.4	77.0

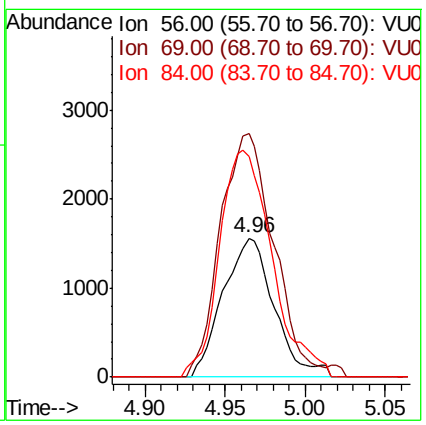


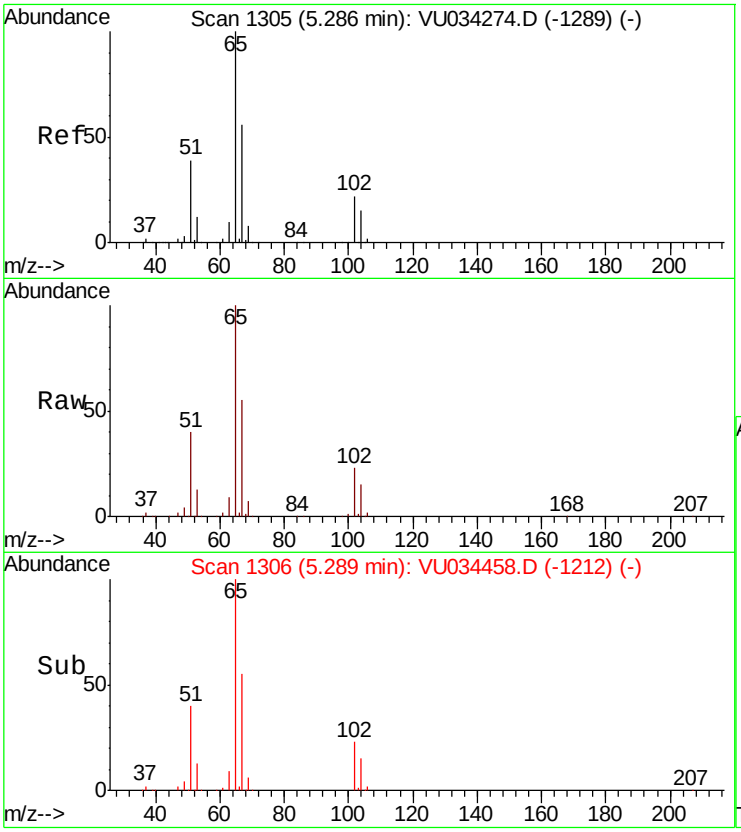


#31
Cyclohexane
Concen: 0.974 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 56 Resp: 3408

Ion	Ratio	Lower	Upper
56	100		
69	175.4	26.7	40.1#
84	158.6	68.2	102.4#



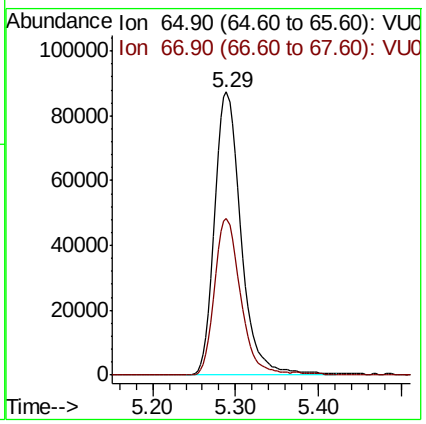


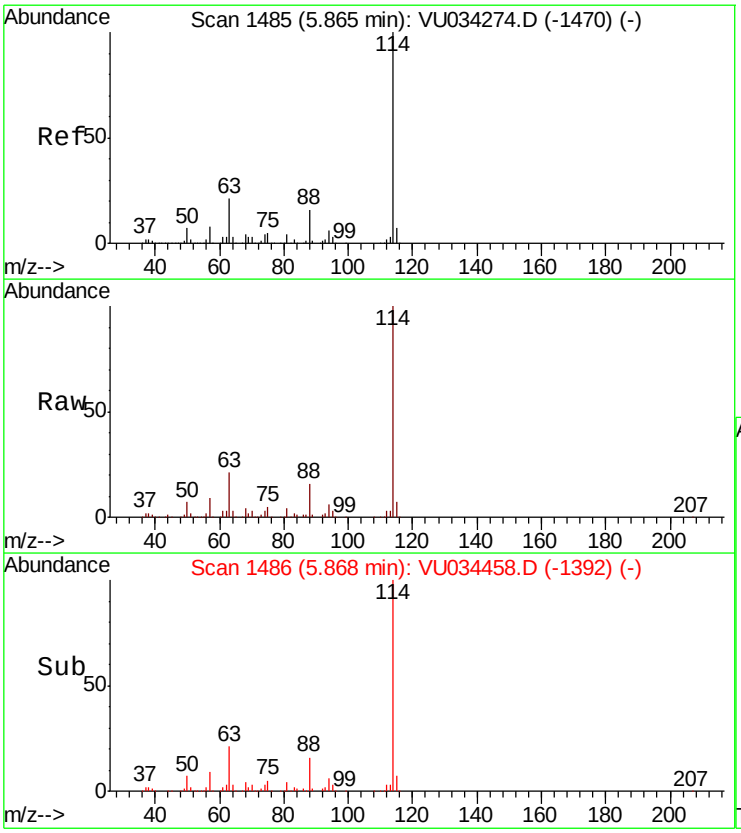
#33
1,2-Dichloroethane-d4
Concen: 64.890 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion: 65 Resp: 193845

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	112.4

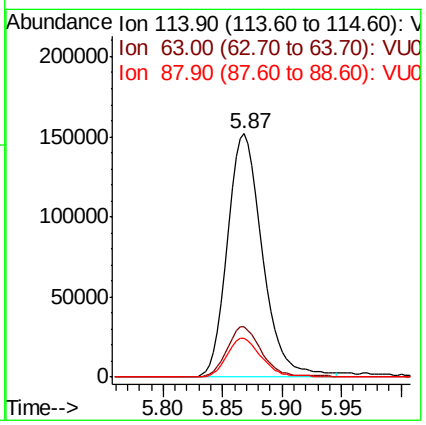


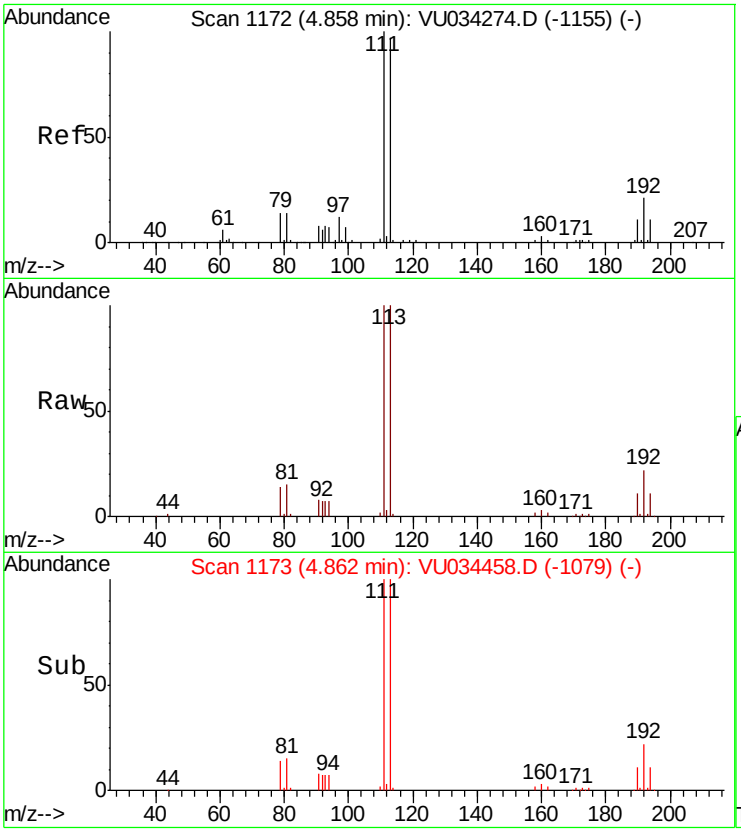


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion:114 Resp: 310904

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.4
88	15.9	0.0	32.4



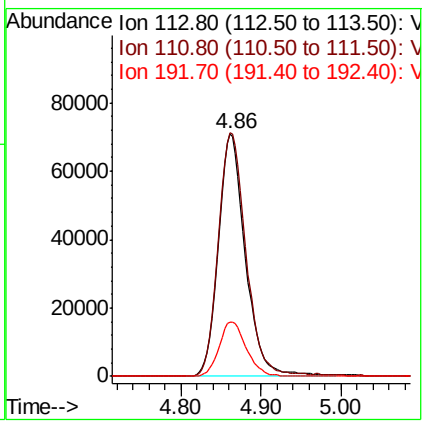


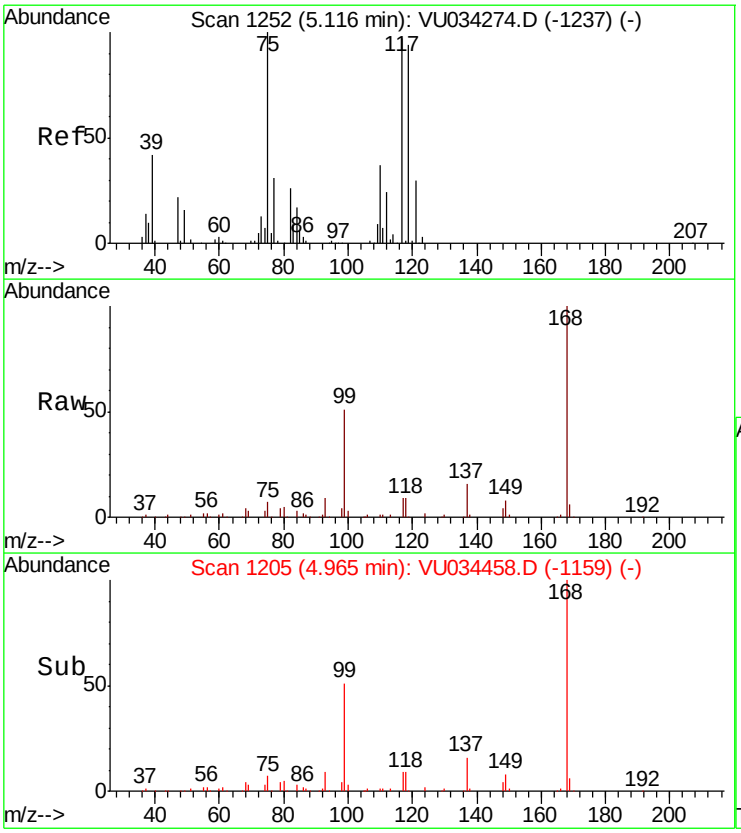
#35
Dibromofluoromethane
Concen: 56.958 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion:113 Resp: 164778

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

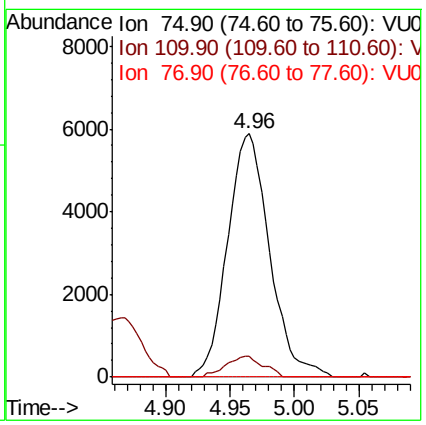


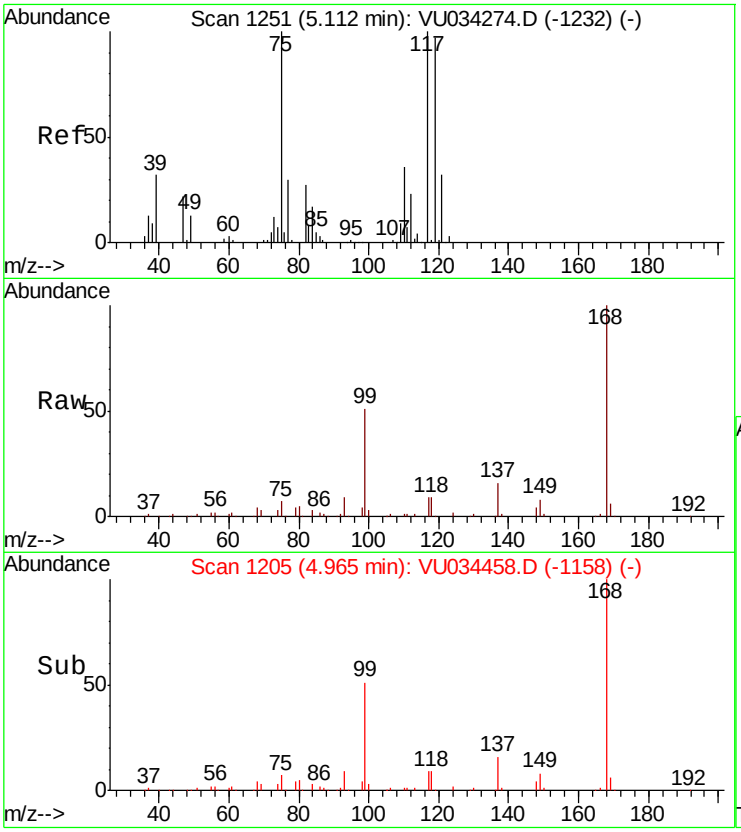


#36
1,1-Dichloropropene
Concen: 3.956 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.15 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 75 Resp: 13338

Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.3	54.9#
77	0.0	24.9	37.3#



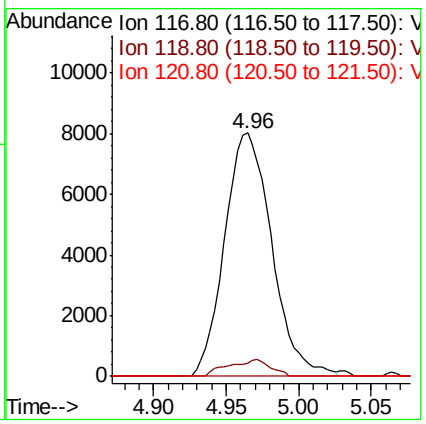


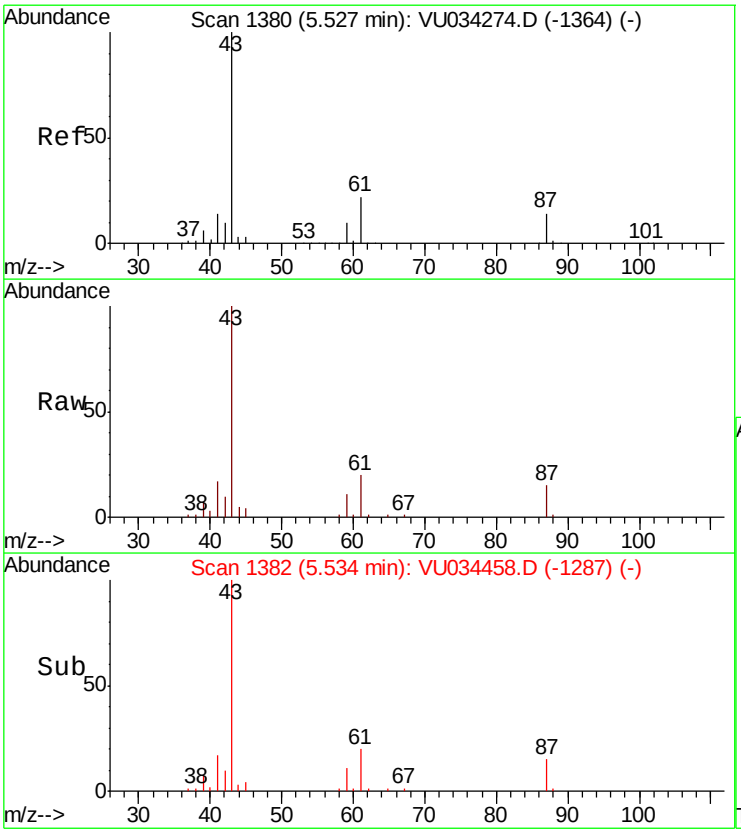
#38
Carbon Tetrachloride
Concen: 5.033 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.15 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_U
ClientSampleId : PAR-E1-(0)

Tgt Ion:117 Resp: 18118

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.8	116.6#
121	0.0	25.2	37.8#

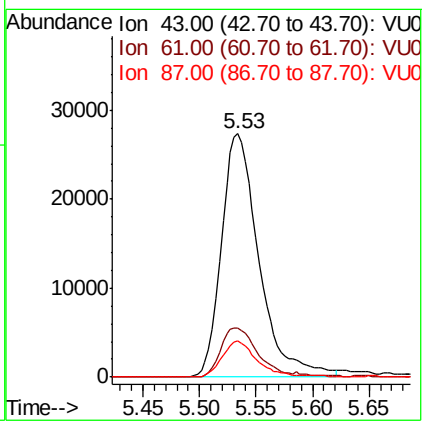


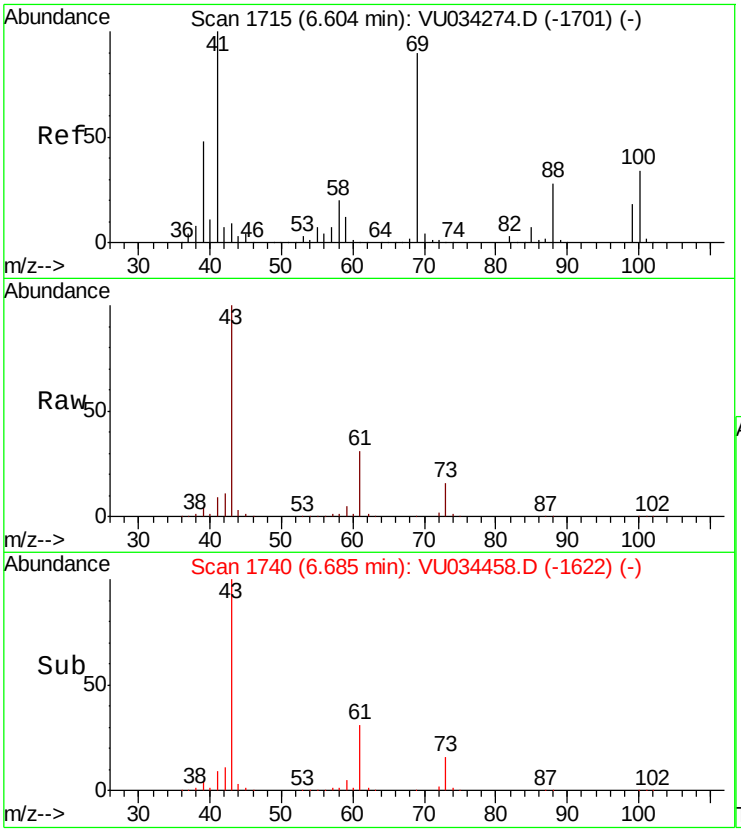


#43
Isopropyl Acetate
Concen: 10.179 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp: 63304

Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.1	25.7
87	13.5	11.1	16.7



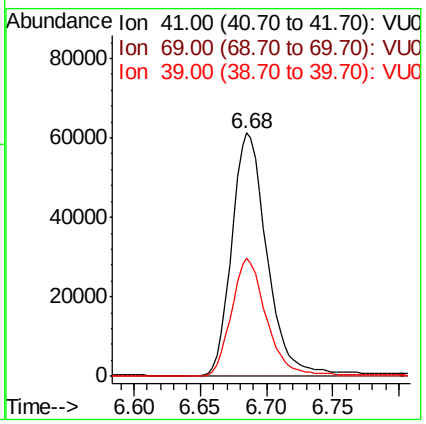


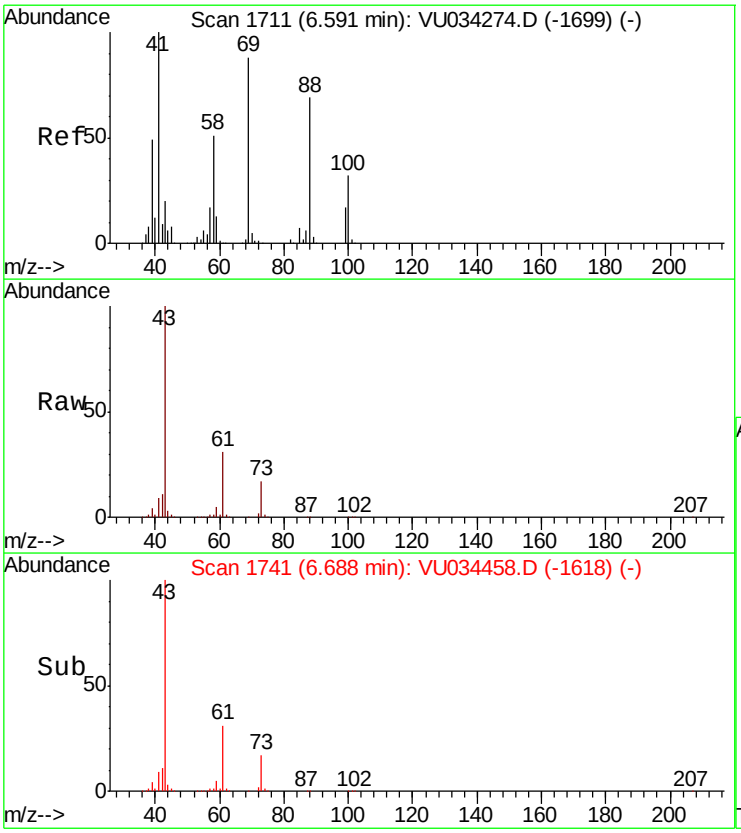
#48
Methyl methacrylate
Concen: 37.913 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_U
ClientSampleId : PAR-E1-(0)

Tgt Ion: 41 Resp: 111985

Ion	Ratio	Lower	Upper
41	100		
69	0.1	72.8	109.2#
39	48.9	38.6	58.0

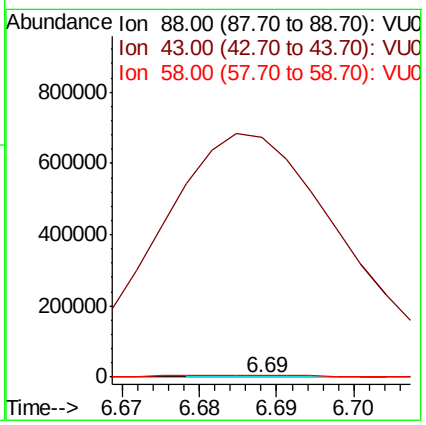


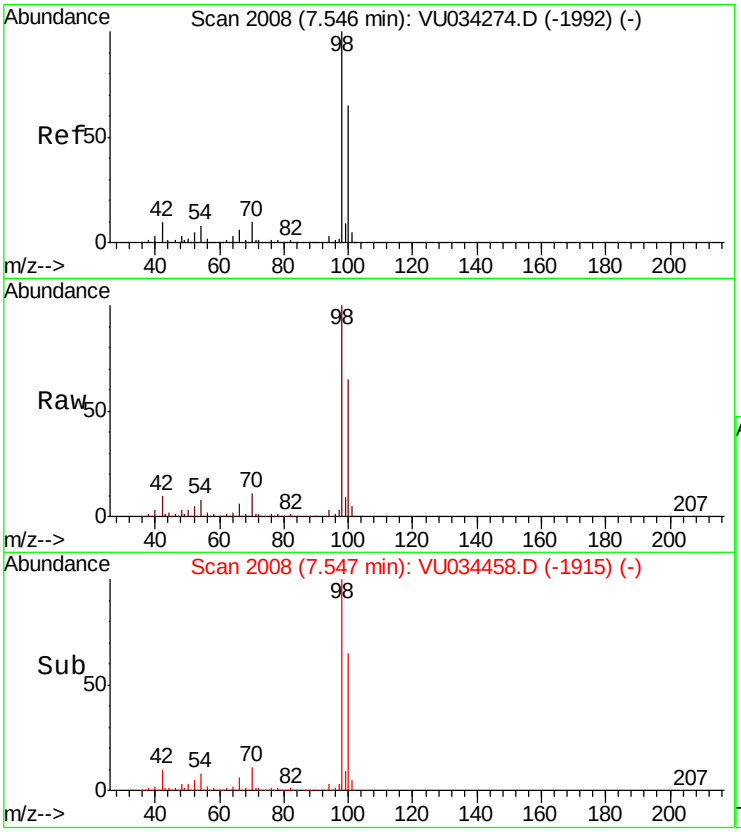


#49
1,4-Dioxane
Concen: 1.054 ug/l
RT: 6.69 min Scan# 1741
Delta R.T. 0.10 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	1832233.8	23.8	35.6#
58	12288.2	58.4	87.6#



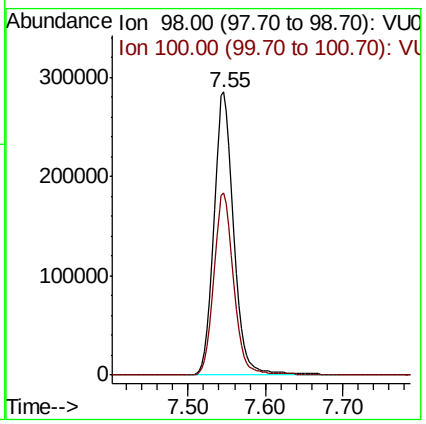


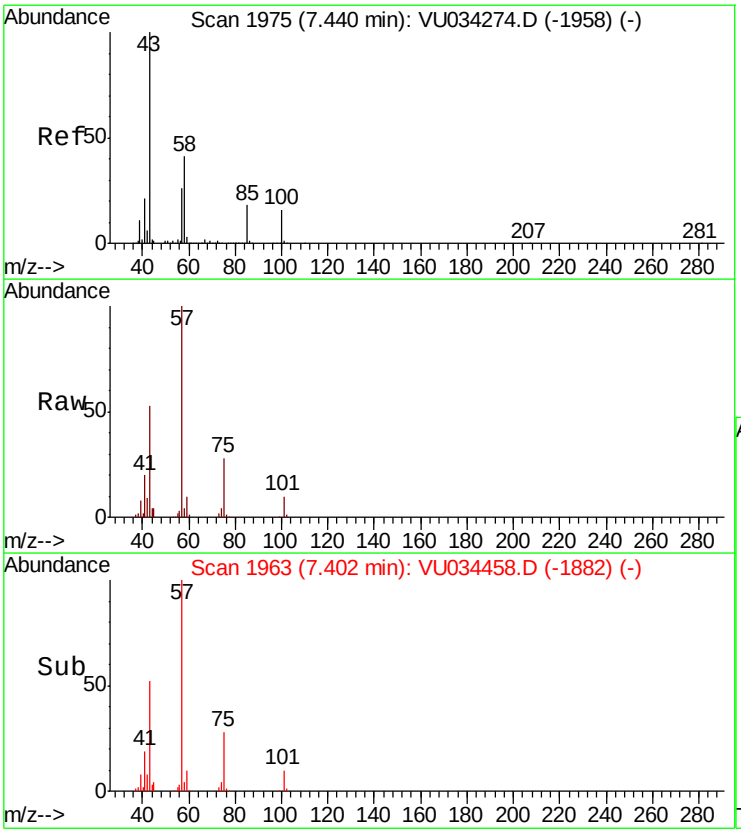
#50
Toluene-d8
Concen: 47.941 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_U
ClientSampleId : PAR-E1-(0)

Tgt Ion: 98 Resp: 521073

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5

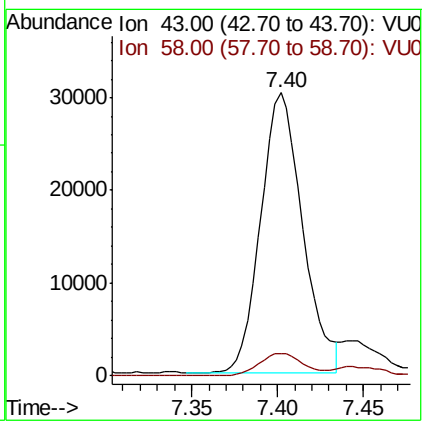


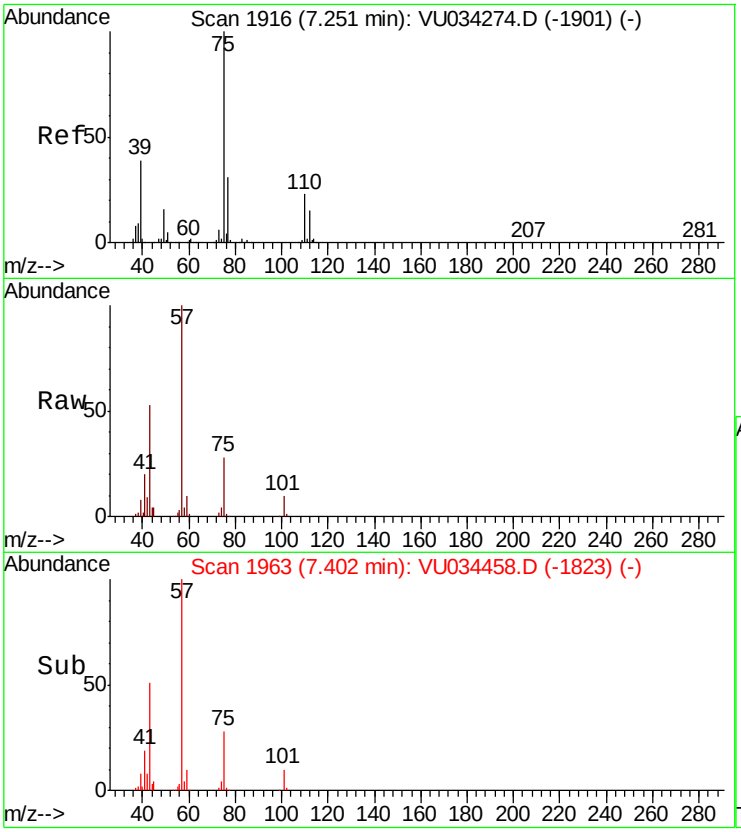


#51
4-Methyl-2-Pentanone
Concen: 11.900 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp: 51227

Ion	Ratio	Lower	Upper
43	100		
58	8.5	33.0	49.4#



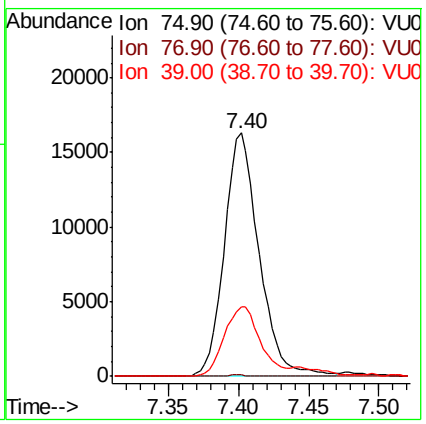


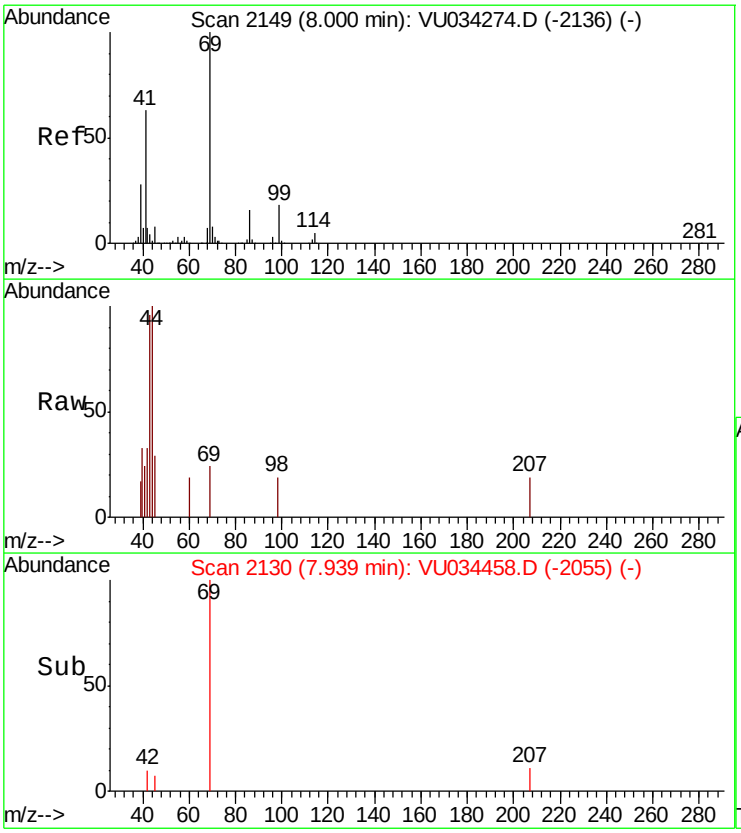
#54
cis-1,3-Dichloropropene
Concen: 6.002 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_U
ClientSampleId : PAR-E1-(0)

Tgt Ion: 75 Resp: 28064

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.1	37.7#
39	28.7	31.2	46.8#

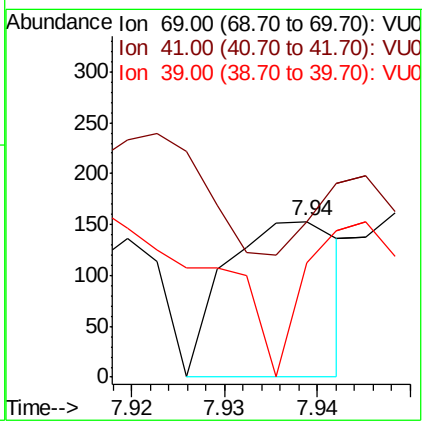


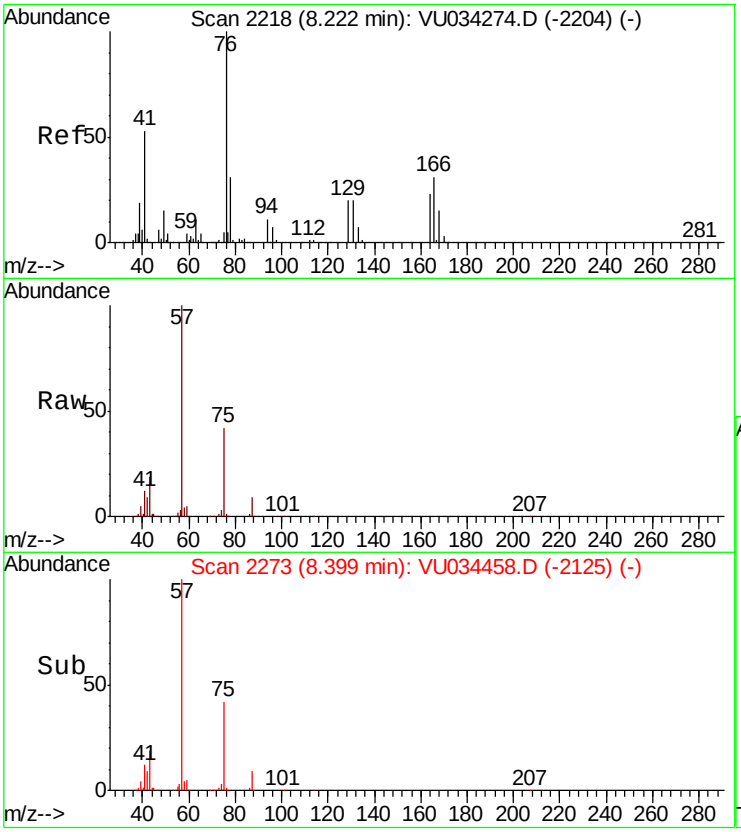


#56
Ethyl methacrylate
Concen: 3.102 ug/l
RT: 7.94 min Scan# 2130
Delta R.T. -0.06 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 69 Resp: 130

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



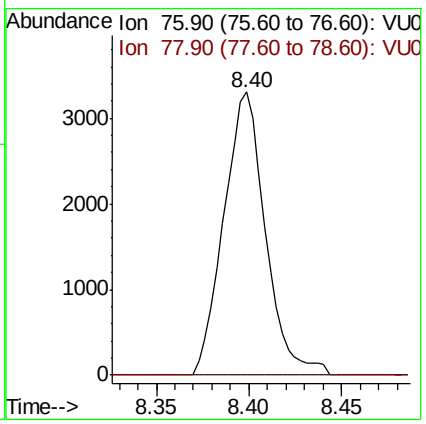


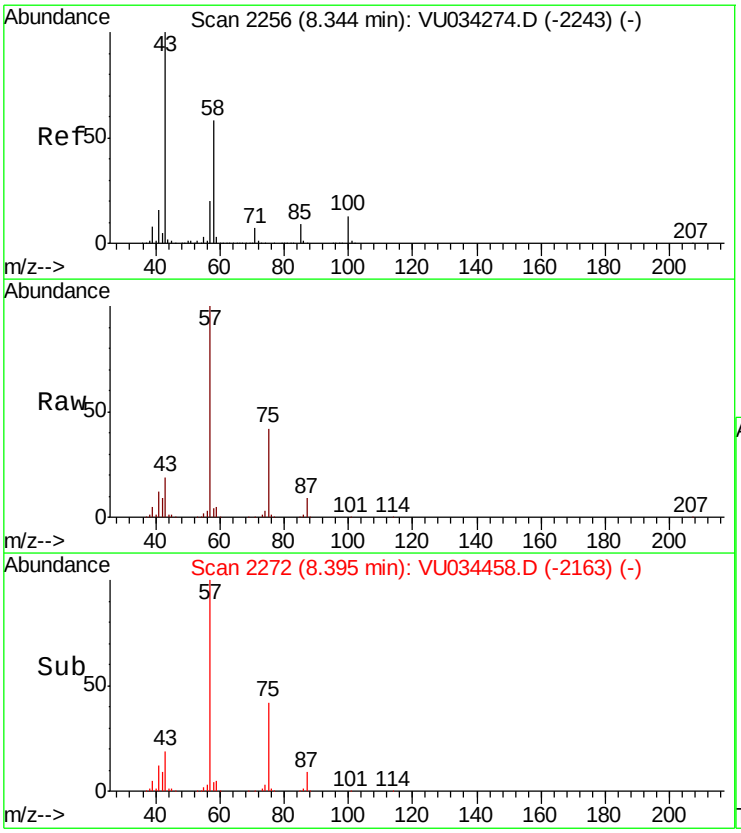
#57
1,3-Dichloropropane
Concen: 1.021 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.18 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion: 76 Resp: 5153

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#

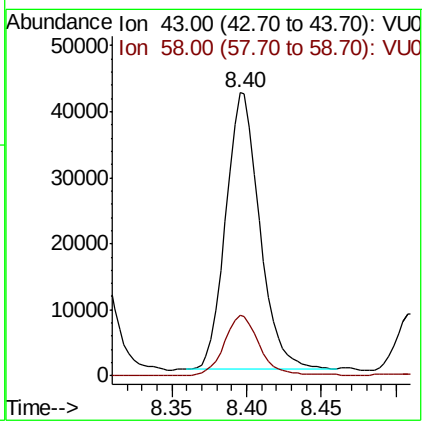


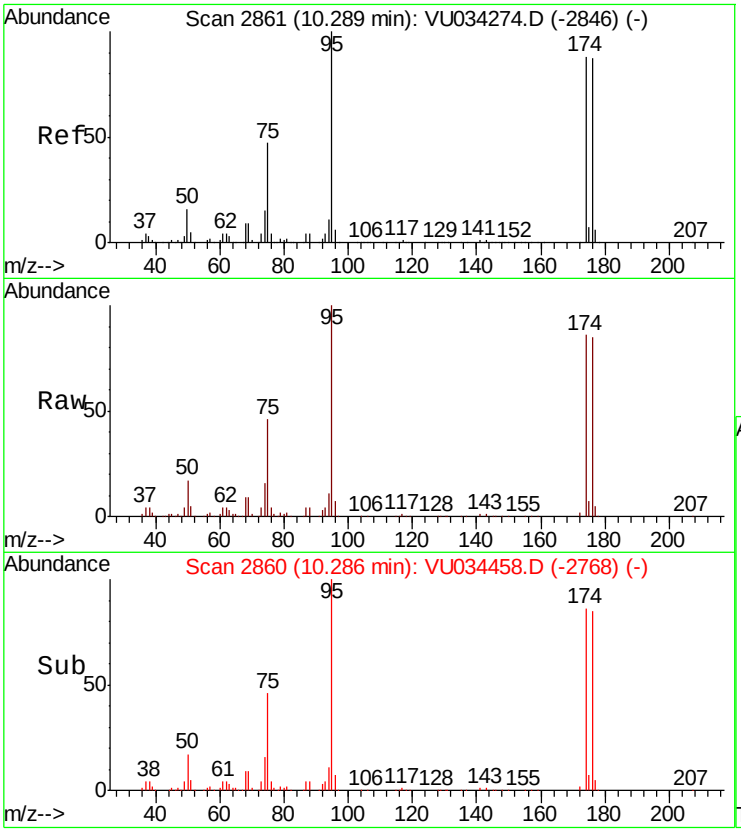


#59
2-Hexanone
Concen: 20.546 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.05 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp: 66072

Ion	Ratio	Lower	Upper
43	100		
58	22.9	28.8	86.5#



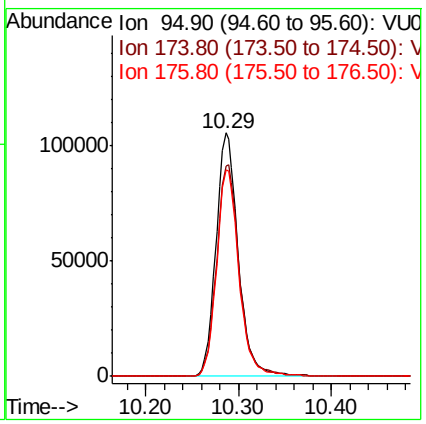


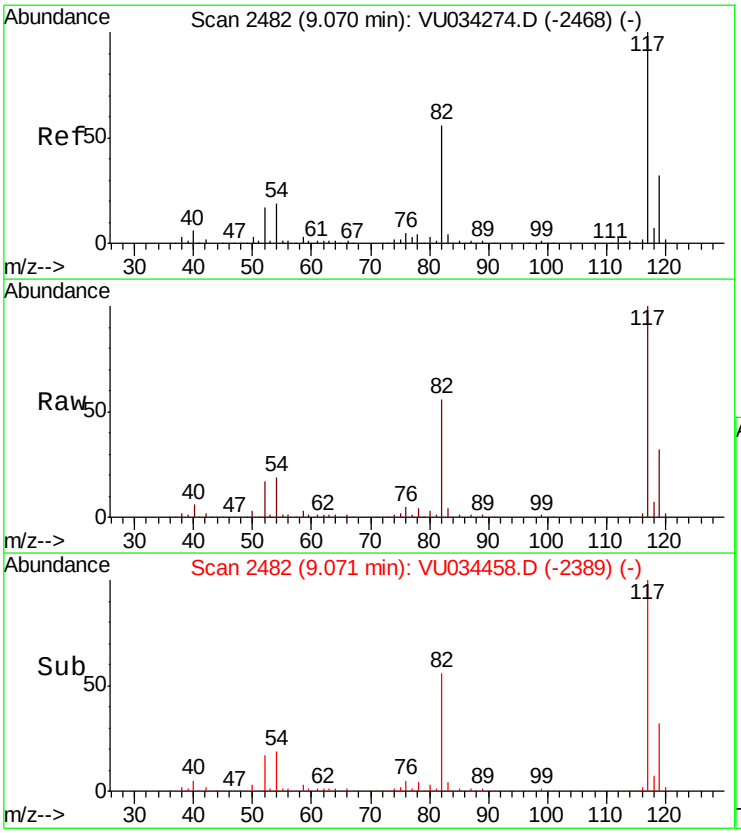
#62
4-Bromofluorobenzene
Concen: 41.785 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion: 95 Resp: 175347

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	175.2
176	85.2	0.0	168.0

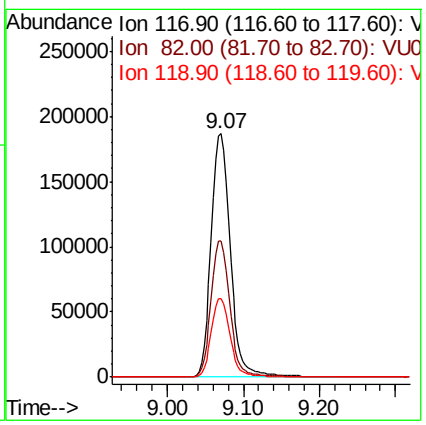


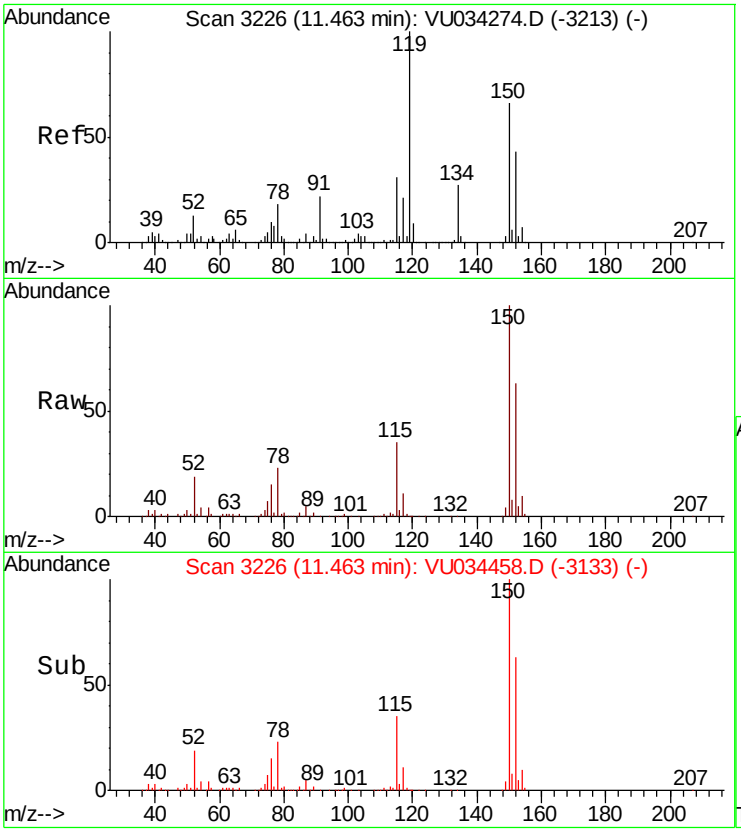


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion:117 Resp: 327620

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	67.0
119	32.5	25.9	38.9



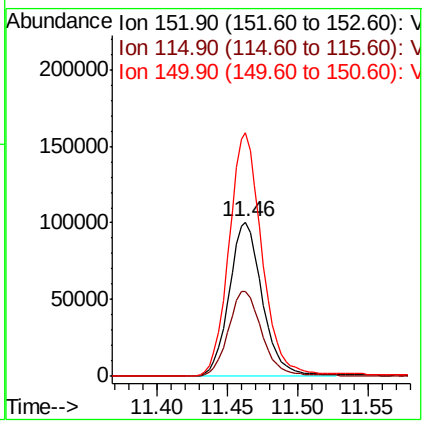


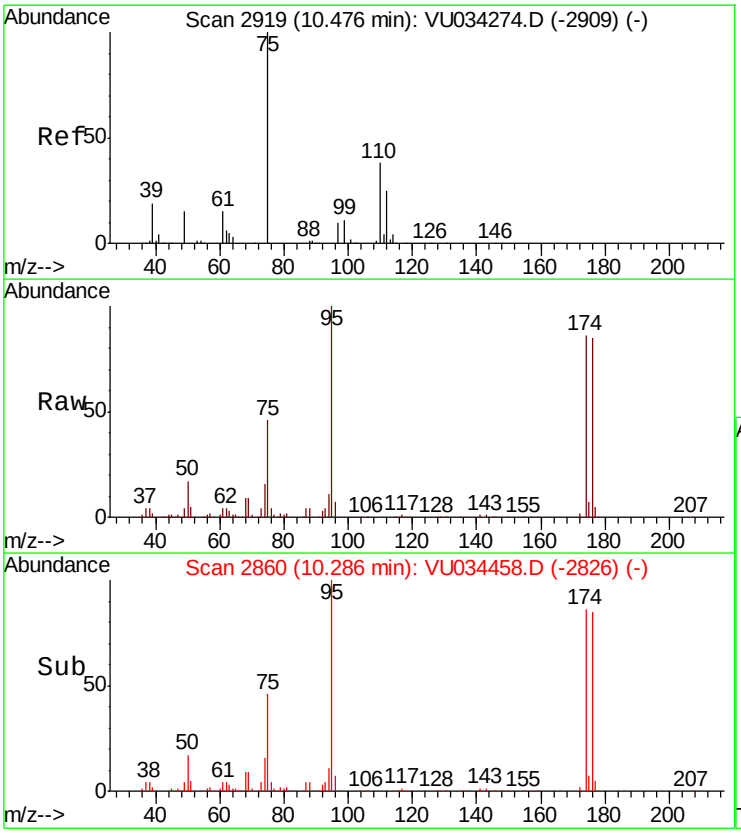
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion:152 Resp: 165568

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.1	117.3
150	157.0	0.0	345.4

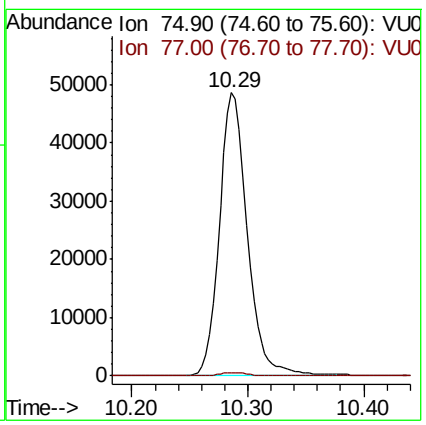


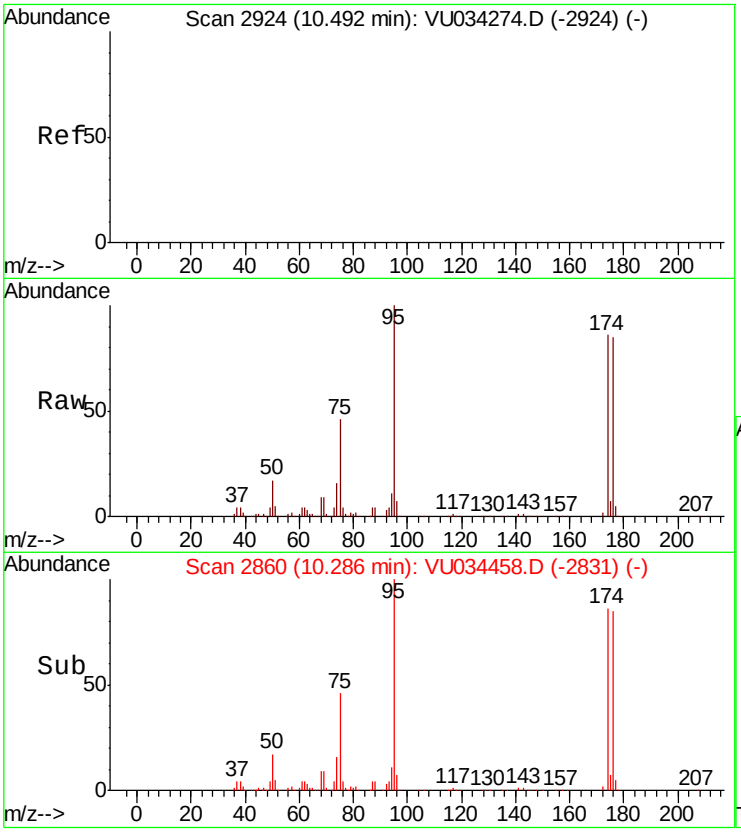


#76
1,2,3-Trichloropropane
Concen: 22.546 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.19 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 75 Resp: 81482

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.8	62.2#



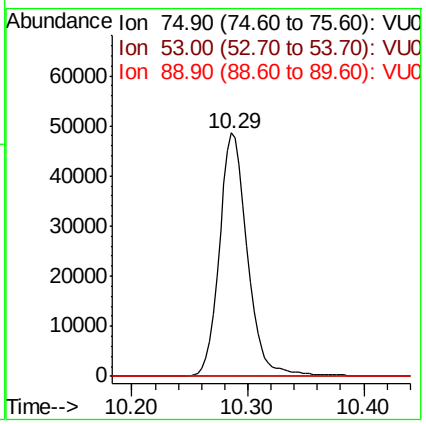


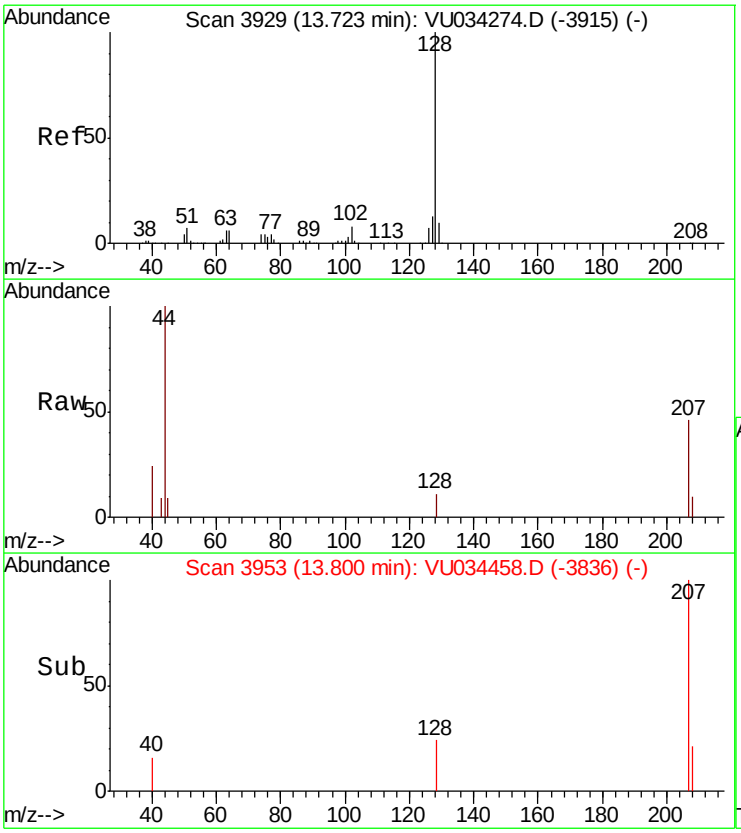
#81
trans-1,4-Dichloro-2-butene
Concen: 75.820 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.21 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

Tgt Ion: 75 Resp: 81482

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





#95
Naphthalene
Concen: 3.970 ug/l
RT: 13.80 min Scan# 3953
Delta R.T. 0.08 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion:128 Resp: 48

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