Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
Data File : VU034139.D
Acq On : 31 Aug 2019 22:40
Operator : JC/SP
Sample : K4090-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Quant Time: Sep 01 04:52:01 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	462043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	742232	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	716110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	354318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	289674	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.86%			
35) Dibromofluoromethane	4.86	113	240969	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.62%			
50) Toluene-d8	7.55	98	950652	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.64%			
62) 4-Bromofluorobenzene	10.29	95	333538	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.96%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	768	Below Cal	#	70
5) Bromomethane	1.63	94	1047	Below Cal	#	77
11) Tert butyl alcohol	2.82	59	2165	1.586	ug/l #	73
16) Acetone	2.32	43	14817	4.905	ug/l	96
18) Methyl Acetate	2.61	43	3941	0.505	ug/l #	82
20) Methylene Chloride	2.69	84	22138	3.871	ug/l	97
30) Chloroform	4.65	83	3666	0.391	ug/l	89
31) Cyclohexane	4.96	56	8777	0.993	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	33436	4.763	ug/l #	48
38) Carbon Tetrachloride	4.96	117	42133	6.217	ug/l #	16
43) Isopropyl Acetate	5.53	43	96700	8.085	ug/l	99
48) Methyl methacrylate	6.53	41	5555	0.962	ug/l #	14
49) 1,4-Dioxane	6.61	88	62	0.429	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	84065	10.177	ug/l #	46
54) cis-1,3-Dichloropropene	7.40	75	43129	4.827	ug/l #	63
56) Ethyl methacrylate	8.04	69	105	0.983	ug/l #	27
57) 1,3-Dichloropropane	8.40	76	7596	0.808	ug/l #	42
59) 2-Hexanone	8.29	43	104530	16.764	ug/l #	23
68) m/p-Xylenes	9.36	106	1929	0.203	ug/l	94
74) N-amyl acetate	9.92	43	3169	0.317	ug/l #	44
76) 1,2,3-Trichloropropane	10.29	75	160765	20.132	ug/l #	37
80) 1,3,5-Trimethylbenzene	10.76	105	5972	0.296	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.29	75	160765	67.788	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.13	105	5441	0.272	ug/l	93
93) 1,2,4-Trichlorobenzene	13.50	180	678	1.200	ug/l #	17
95) Naphthalene	13.76	128	5206	2.017	ug/l #	77

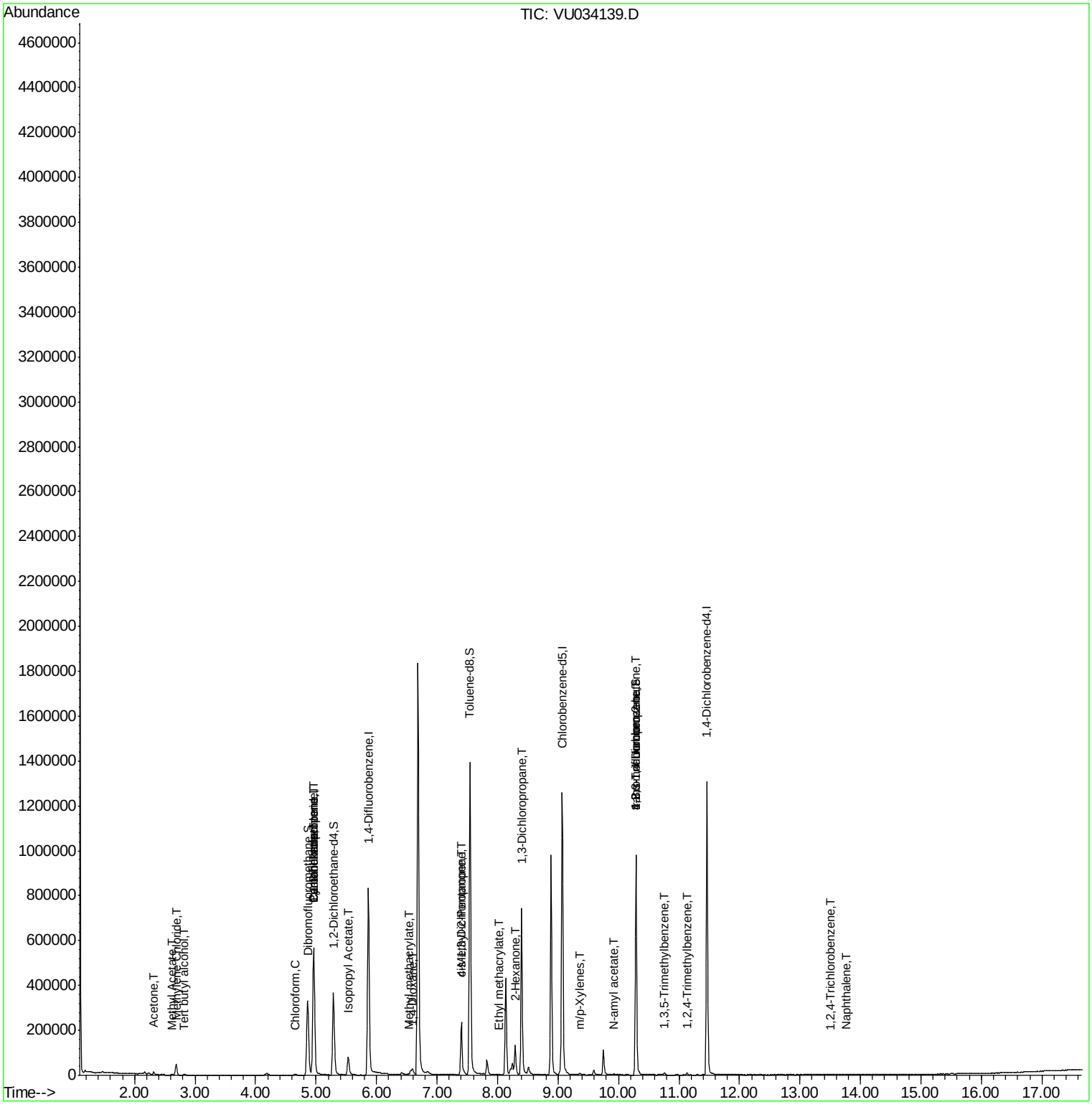
(#) = qualifier out of range (m) = manual integration (+) = signals summed

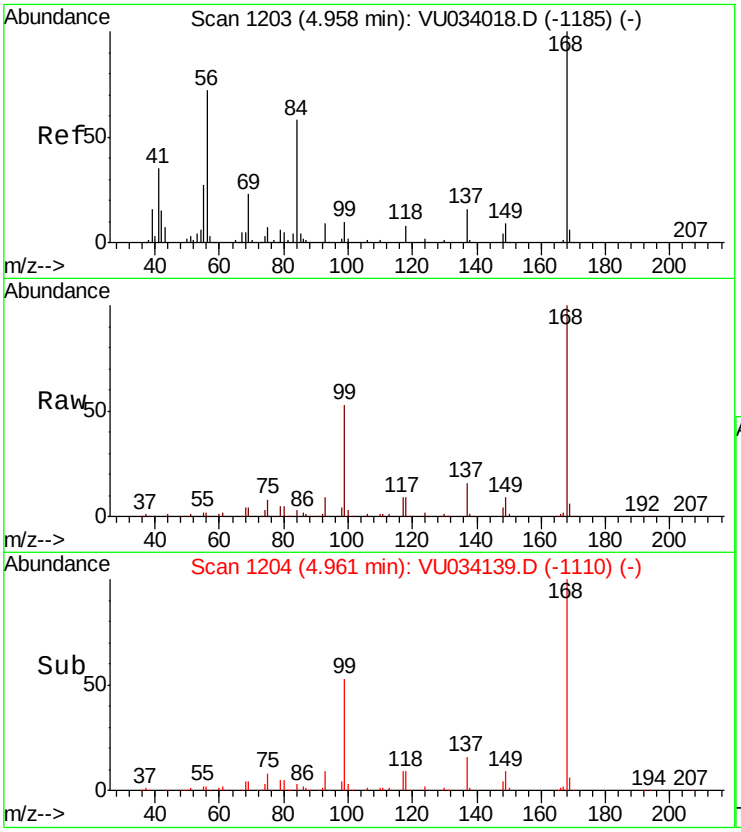
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
Data File : VU034139.D
Acq On : 31 Aug 2019 22:40
Operator : JC/SP
Sample : K4090-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OR-02-082919

Quant Time: Sep 01 04:52:01 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



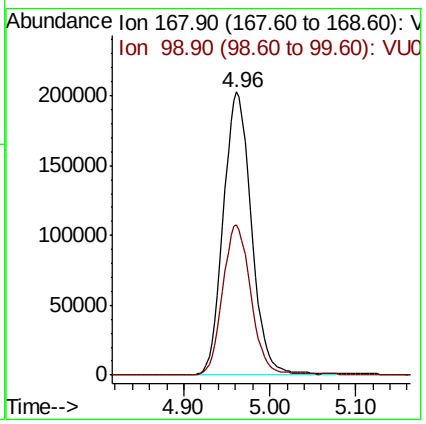


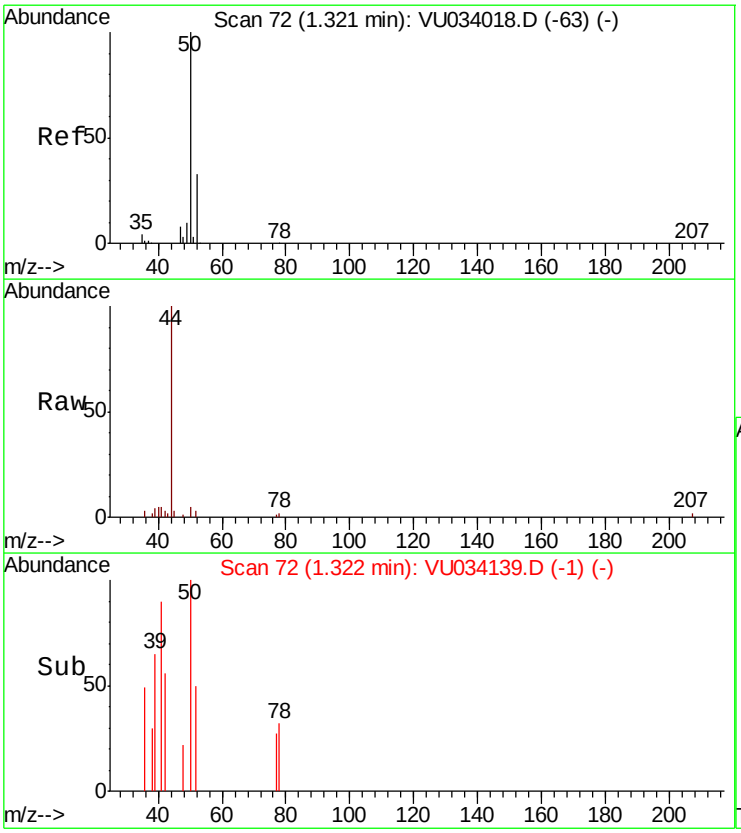
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument :
MSVOA_U
ClientSampleId :
OR-02-082919

Tgt Ion:168 Resp: 462043

Ion	Ratio	Lower	Upper
168	100		
99	53.1	42.3	63.5

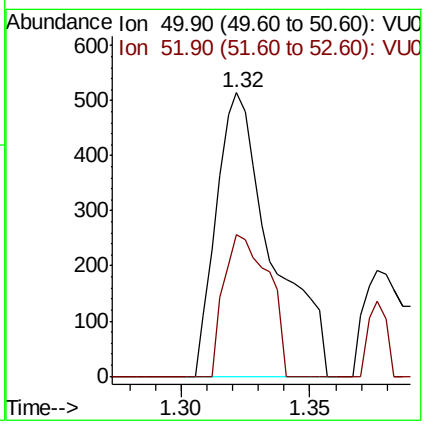


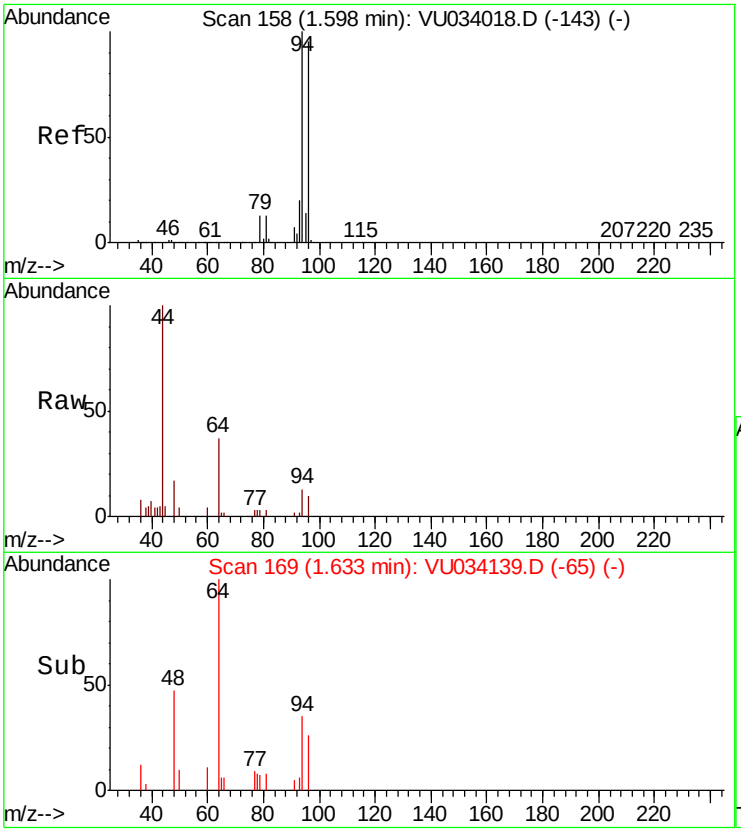


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 50 Resp: 768

Ion	Ratio	Lower	Upper
50	100		
52	49.8	26.2	39.4#



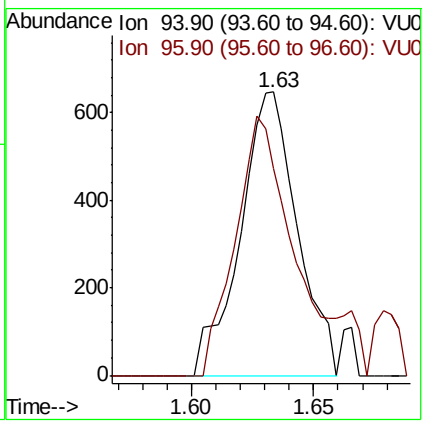


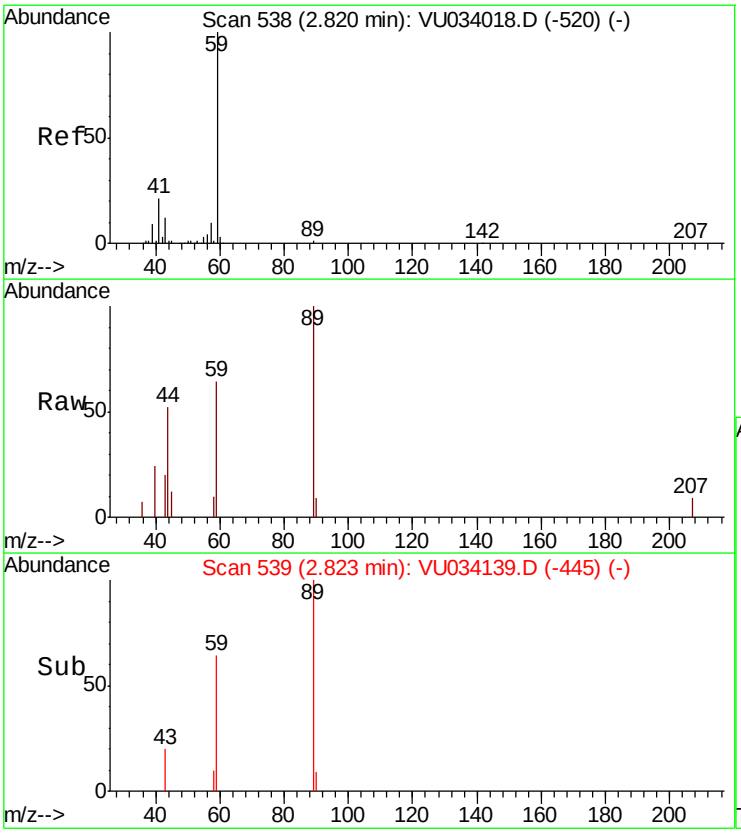
#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 169
Delta R.T. 0.04 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument :
MSVOA_U
ClientSampleId :
OR-02-082919

Tgt Ion: 94 Resp: 1047

Ion	Ratio	Lower	Upper
94	100		
96	73.1	76.3	114.5#

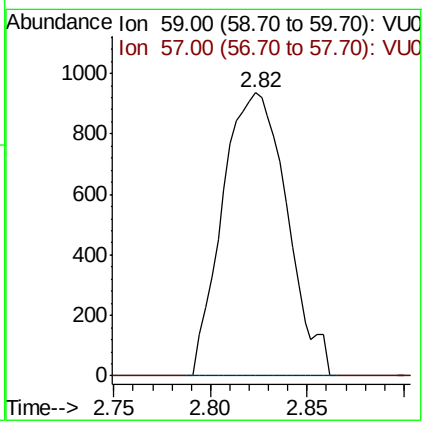


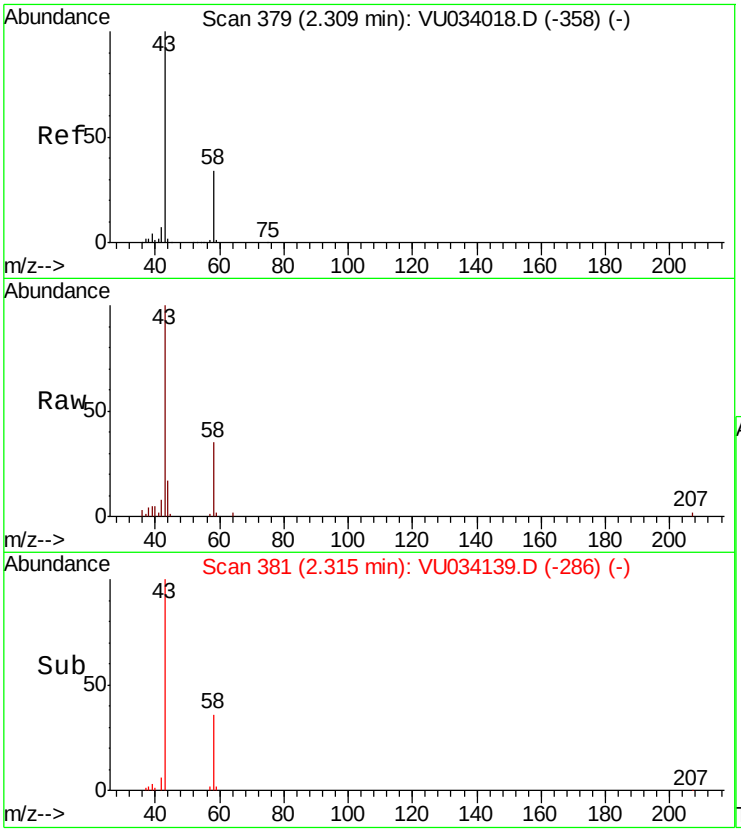


#11
Tert butyl alcohol
Concen: 1.586 ug/l
RT: 2.82 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 59 Resp: 2165

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



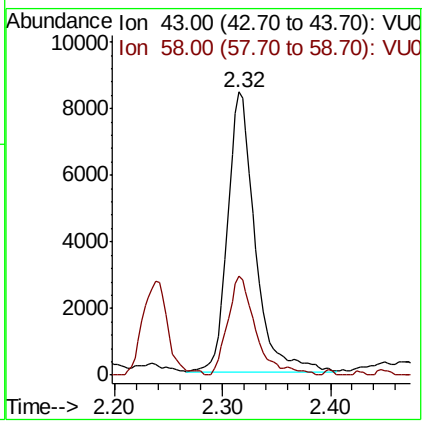


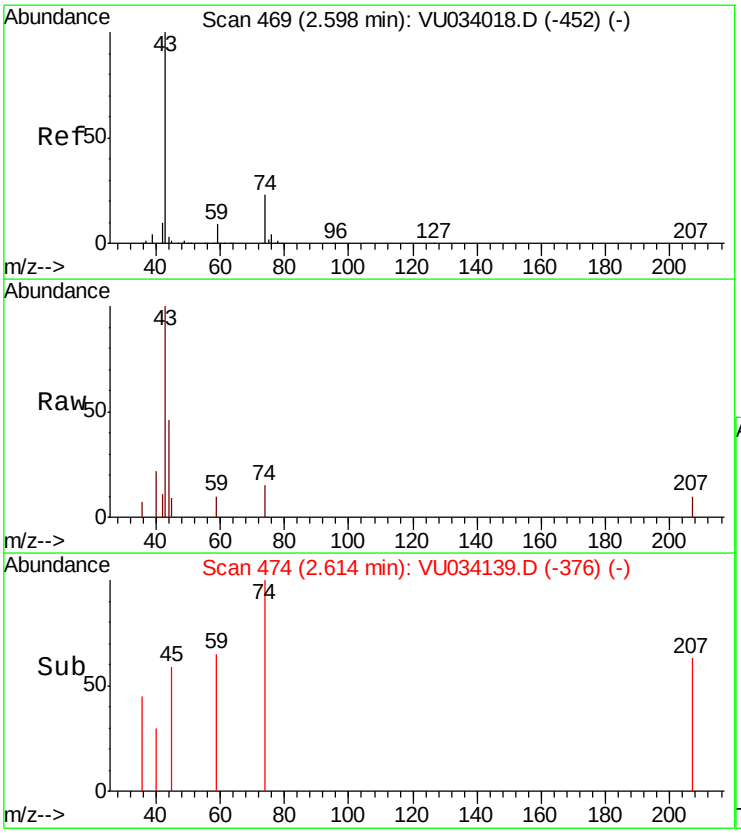
#16
Acetone
Concen: 4.905 ug/l
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion: 43 Resp: 14817

Ion	Ratio	Lower	Upper
43	100		
58	35.6	26.8	40.2

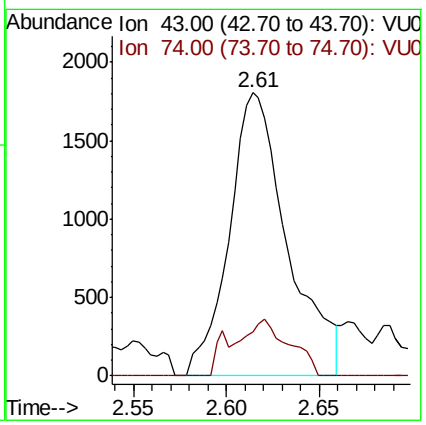


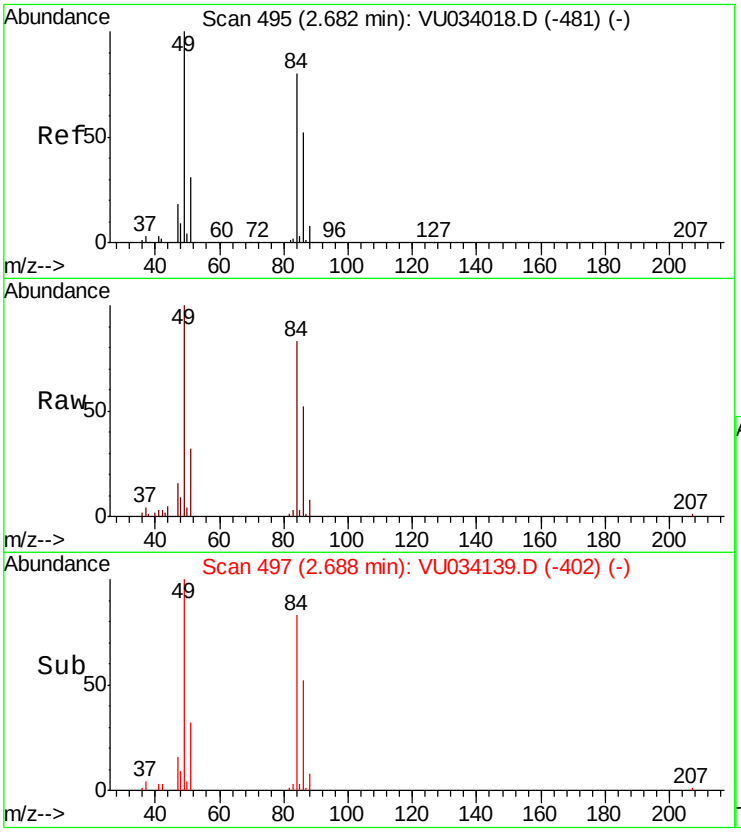


#18
Methyl Acetate
Concen: 0.505 ug/l
RT: 2.61 min Scan# 474
Delta R.T. 0.02 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 43 Resp: 3941

Ion	Ratio	Lower	Upper
43	100		
74	14.9	19.2	28.8#



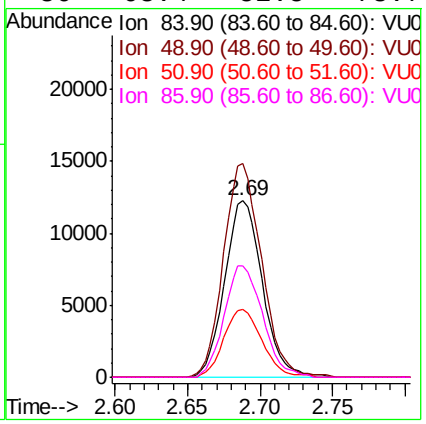


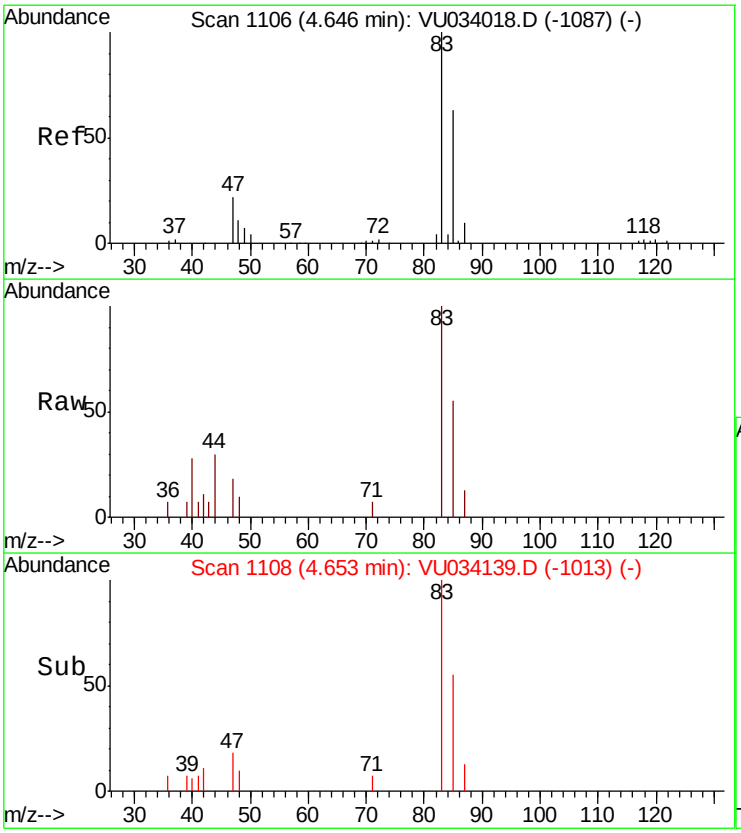
#20
Methylene Chloride
Concen: 3.871 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion: 84 Resp: 22138

Ion	Ratio	Lower	Upper
84	100		
49	121.1	100.2	150.4
51	38.4	30.8	46.2
86	63.4	52.5	78.7

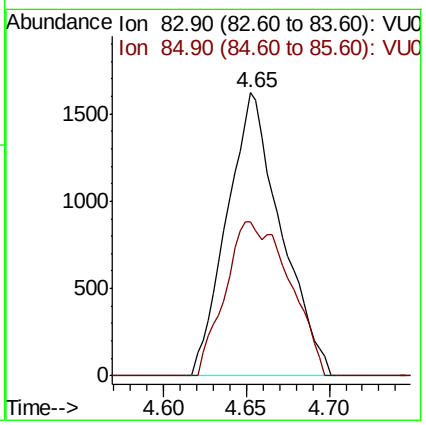


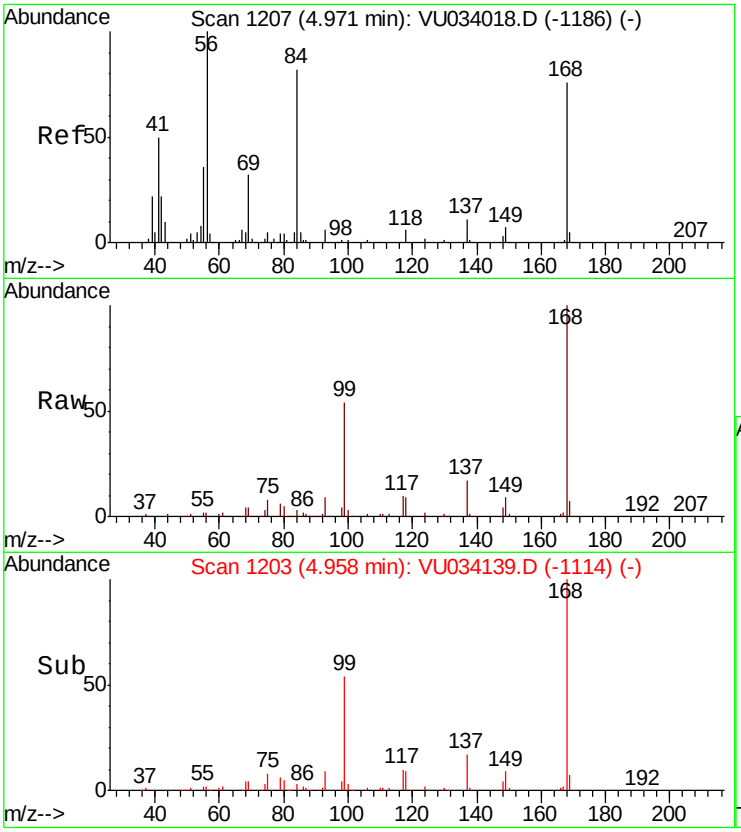


#30
Chloroform
Concen: 0.391 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 83 Resp: 3666

Ion	Ratio	Lower	Upper
83	100		
85	54.6	50.7	76.1



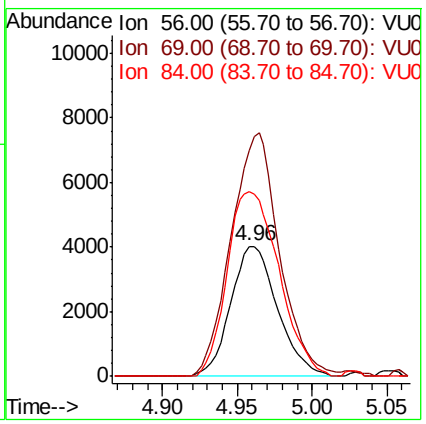


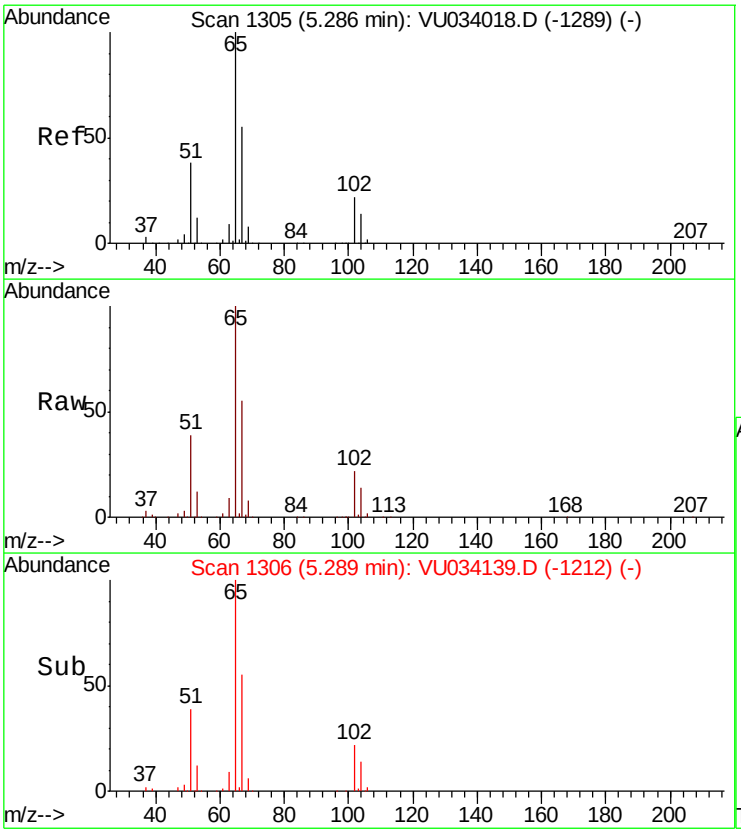
#31
Cyclohexane
Concen: 0.993 ug/l
RT: 4.96 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion: 56 Resp: 8777

Ion	Ratio	Lower	Upper
56	100		
69	173.8	25.4	38.0#
84	142.3	65.8	98.8#

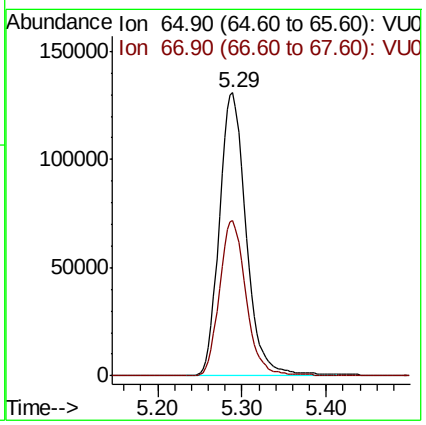


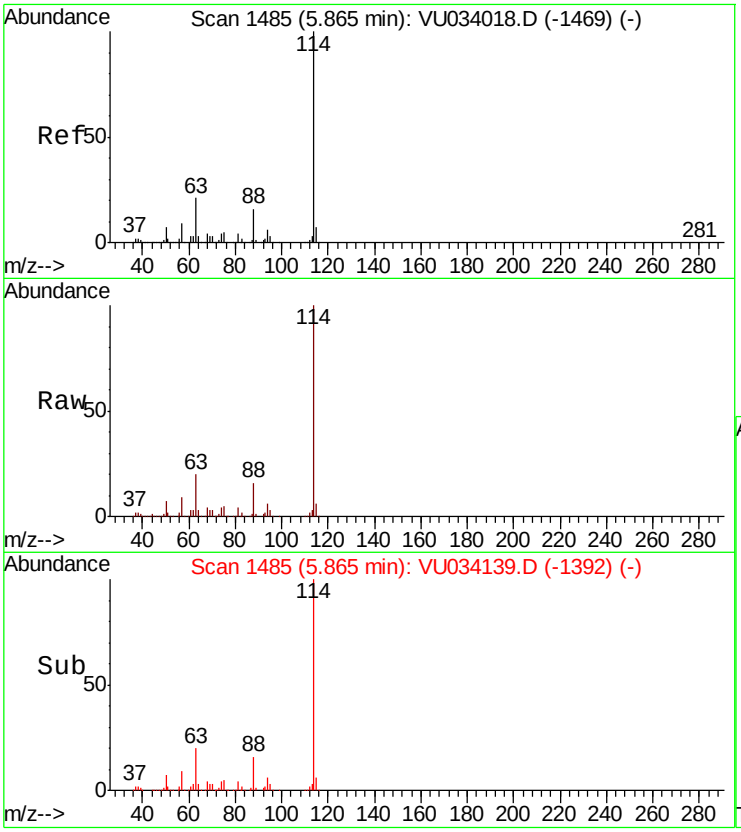


#33
1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 65 Resp: 289674

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.6



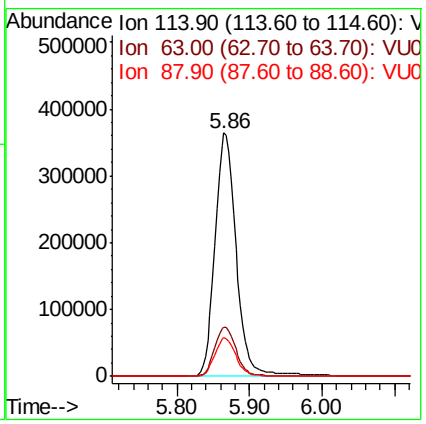


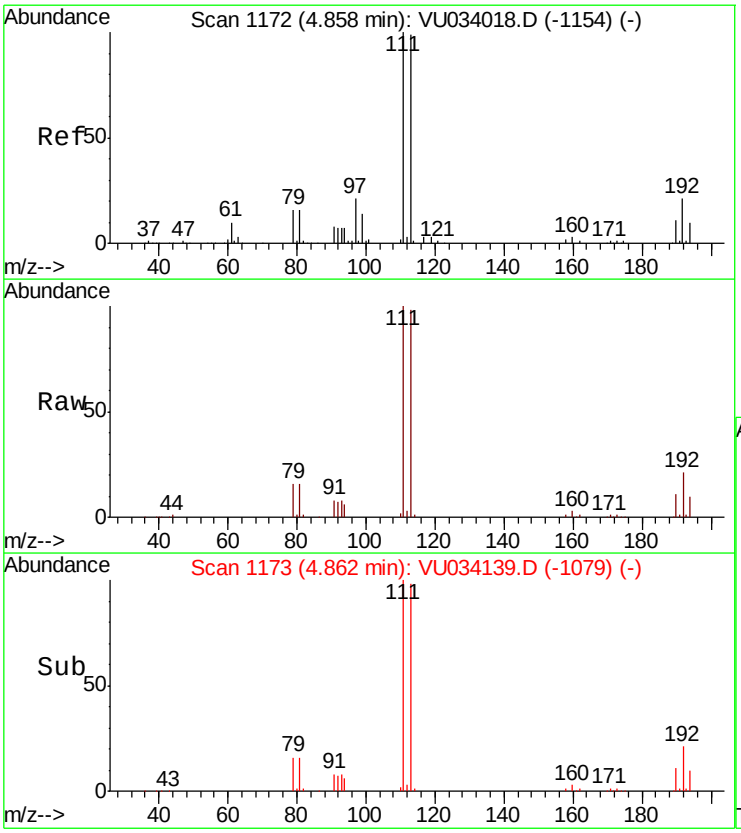
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.86 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument :
MSVOA_U
ClientSampleId :
OR-02-082919

Tgt Ion:114 Resp: 742232

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.0
88	15.9	0.0	32.0

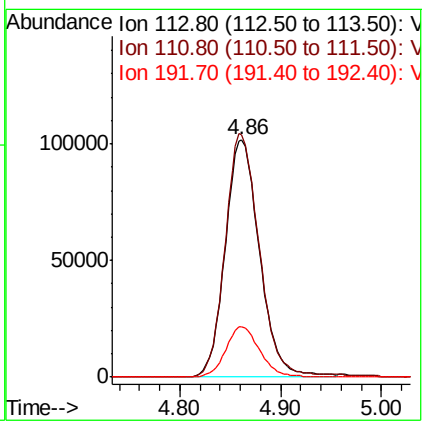


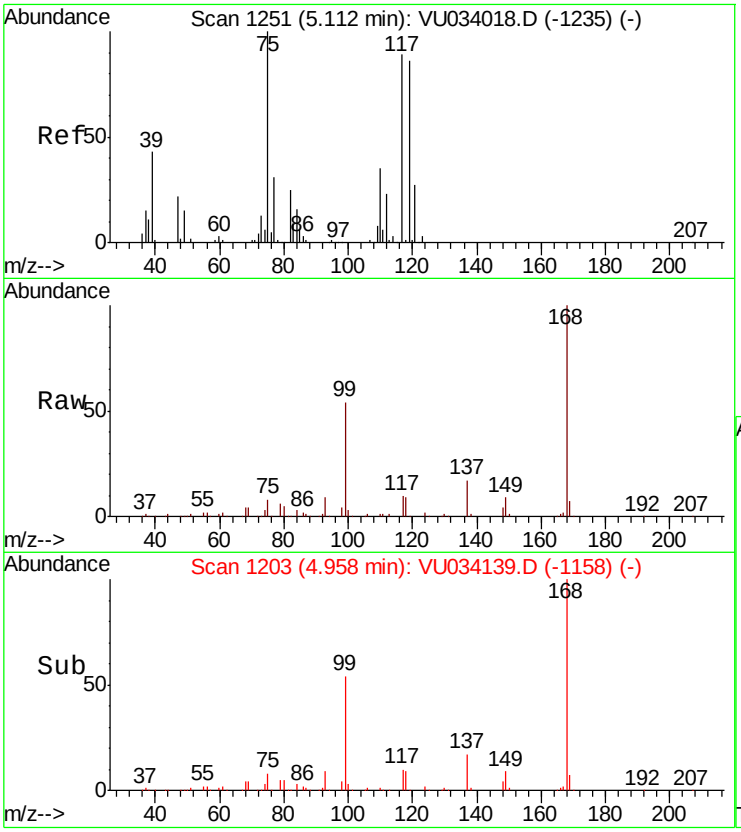


#35
Dibromofluoromethane
Concen: 46.808 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion:113 Resp: 240969

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.7	122.5
192	21.0	17.1	25.7



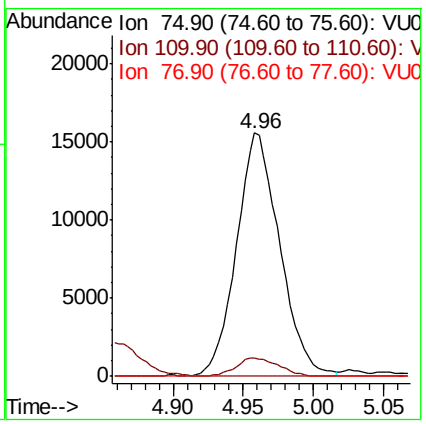


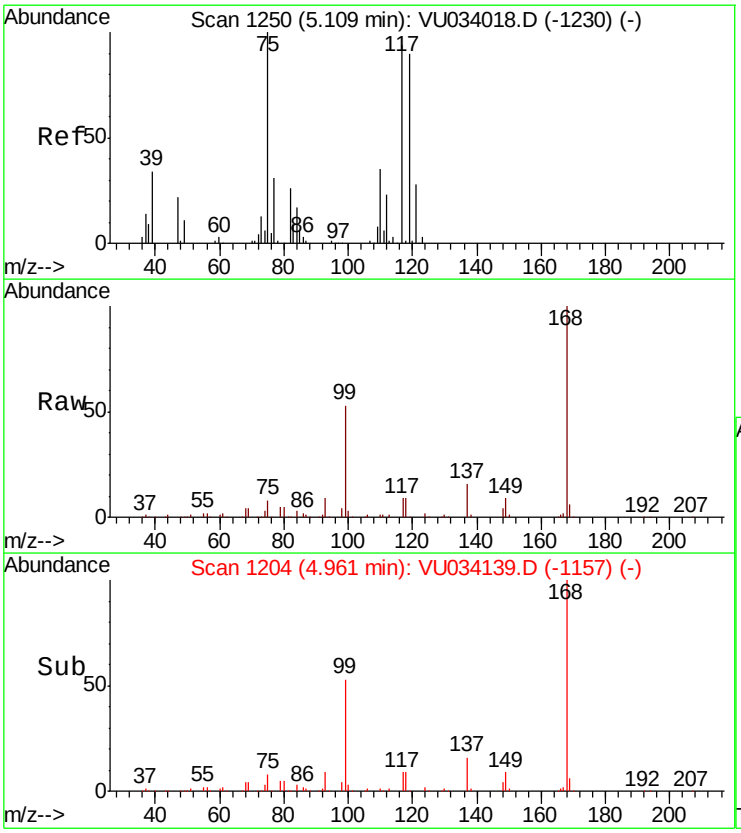
#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 4.96 min Scan# 1203
Delta R.T. -0.15 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument :
MSVOA_U
ClientSampleId :
OR-02-082919

Tgt Ion: 75 Resp: 33436

Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.8	53.5#
77	0.0	25.0	37.4#

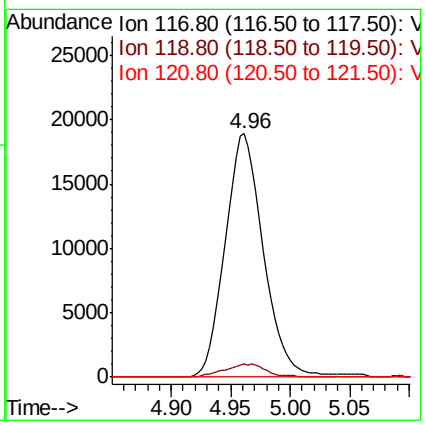


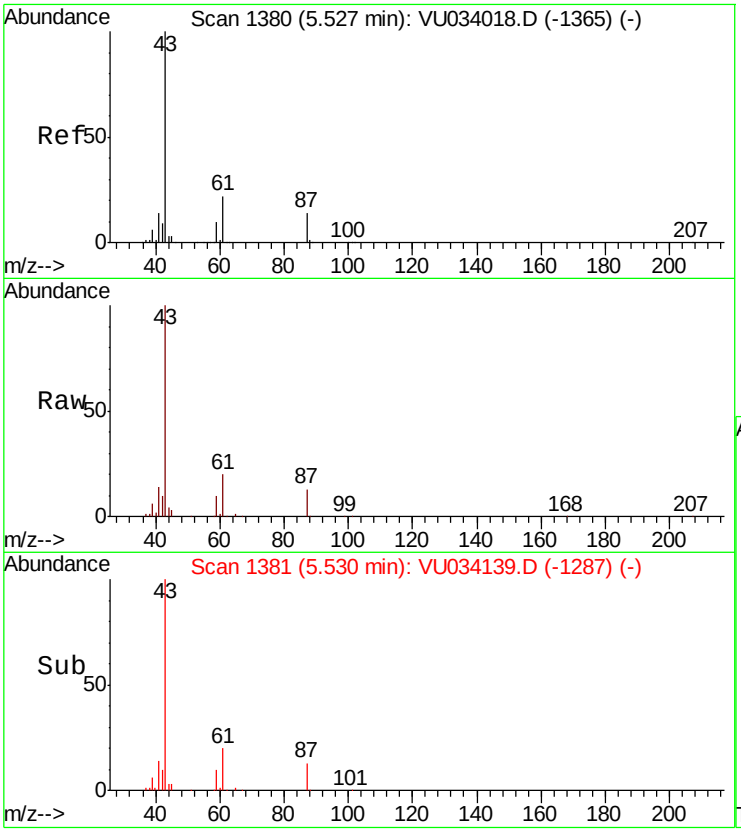


#38
Carbon Tetrachloride
Concen: 6.217 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion:117 Resp: 42133

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.0	115.4#
121	0.0	23.9	35.9#



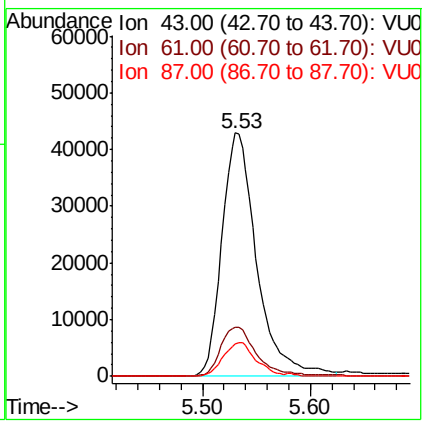


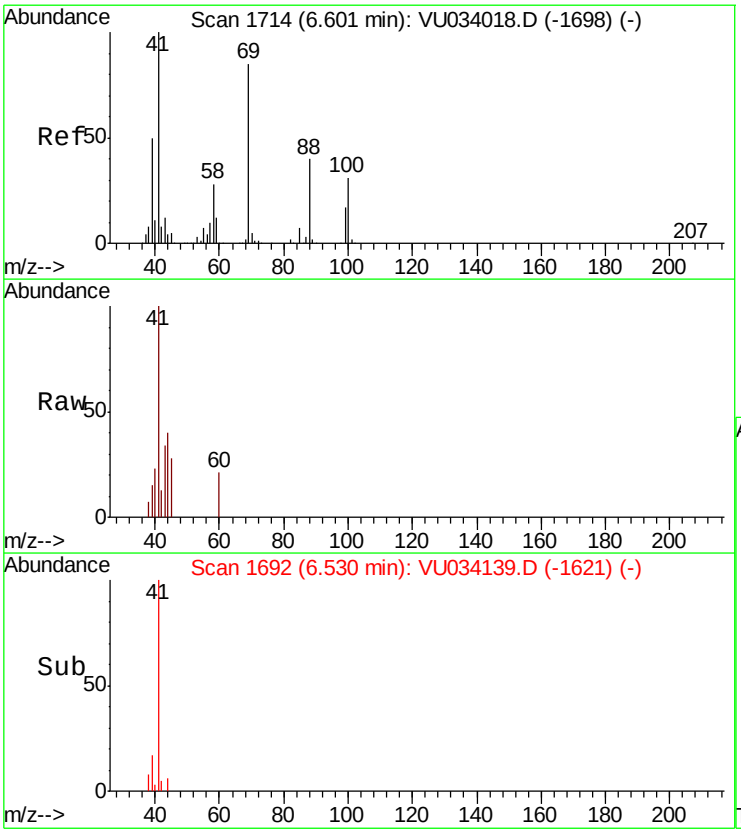
#43
Isopropyl Acetate
Concen: 8.085 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion: 43 Resp: 96700

Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.2	25.8
87	13.4	10.8	16.2

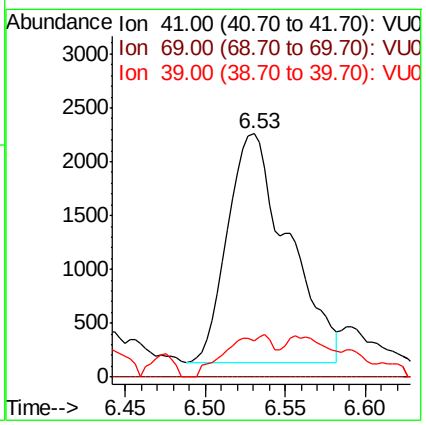


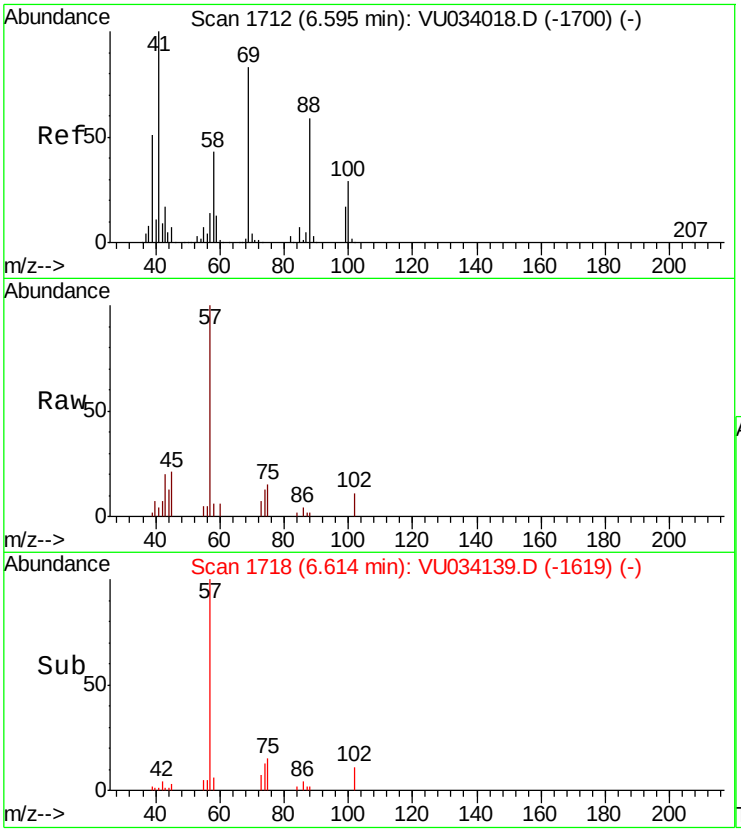


#48
Methyl methacrylate
Concen: 0.962 ug/l
RT: 6.53 min Scan# 1692
Delta R.T. -0.07 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 41 Resp: 5555

Ion	Ratio	Lower	Upper
41	100		
69	0.0	69.5	104.3#
39	0.0	40.3	60.5#



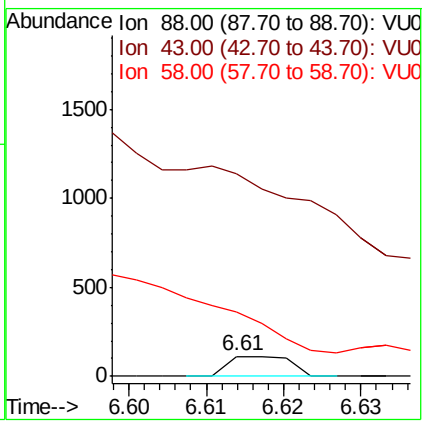


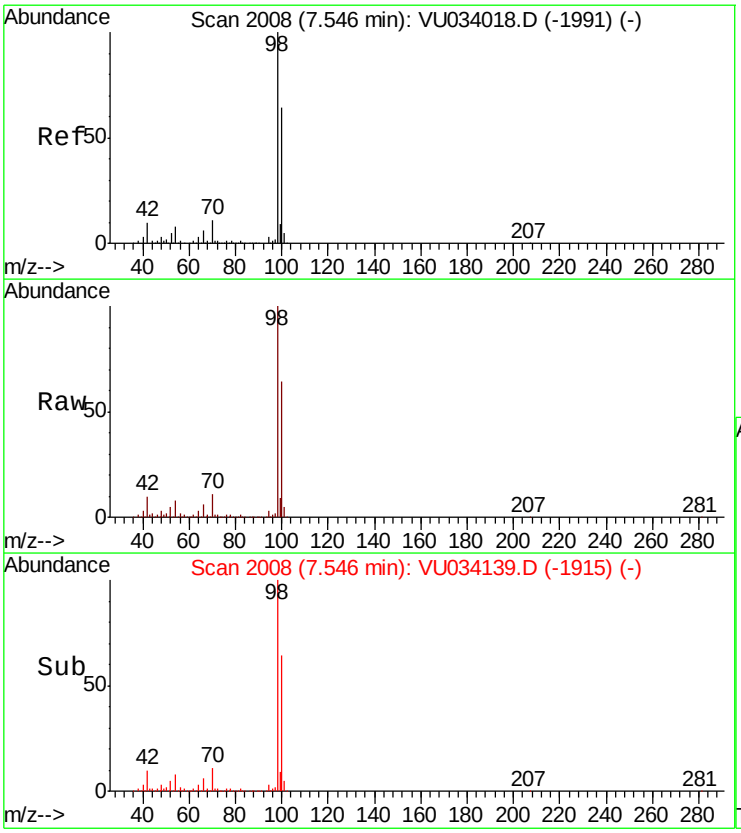
#49
1,4-Dioxane
Concen: 0.429 ug/l
RT: 6.61 min Scan# 1718
Delta R.T. 0.02 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.8	37.2#
58	1564.5	59.3	88.9#

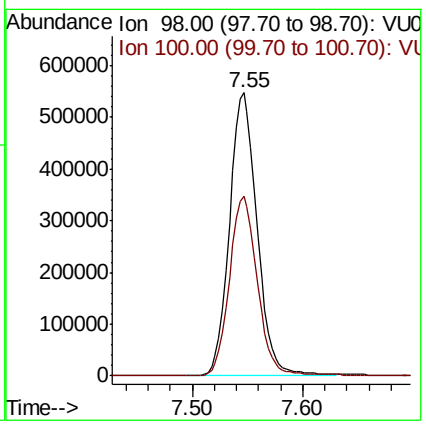


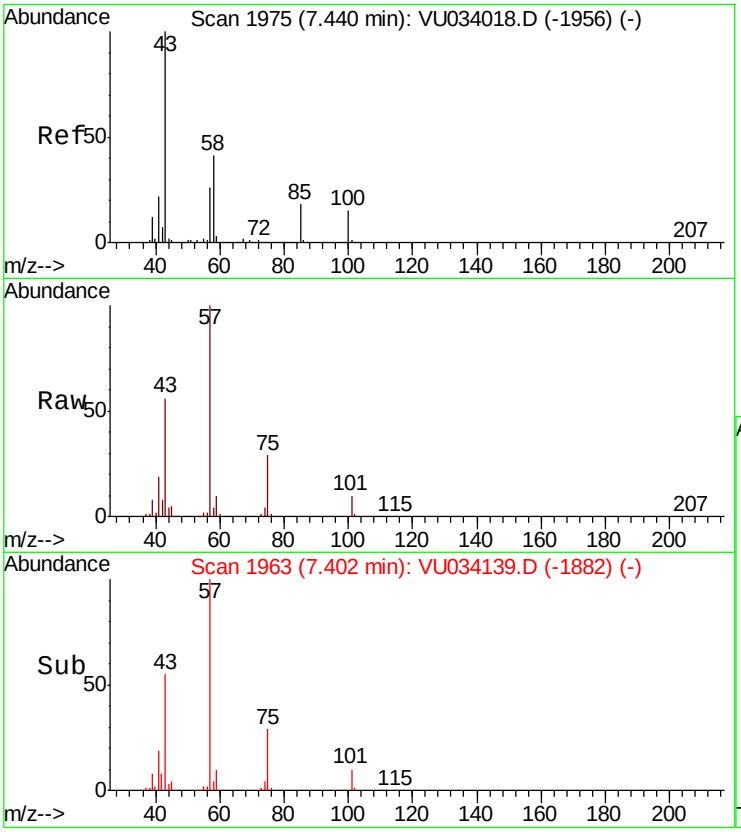


#50
Toluene-d8
Concen: 49.317 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 98 Resp: 950652

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.3	75.5



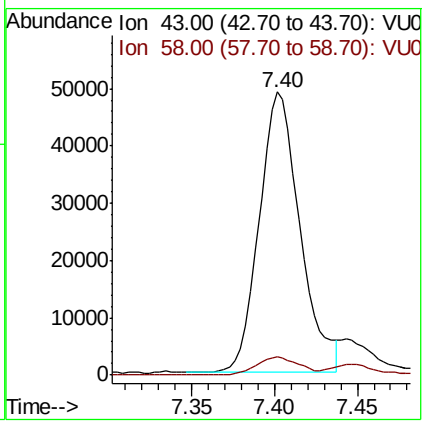


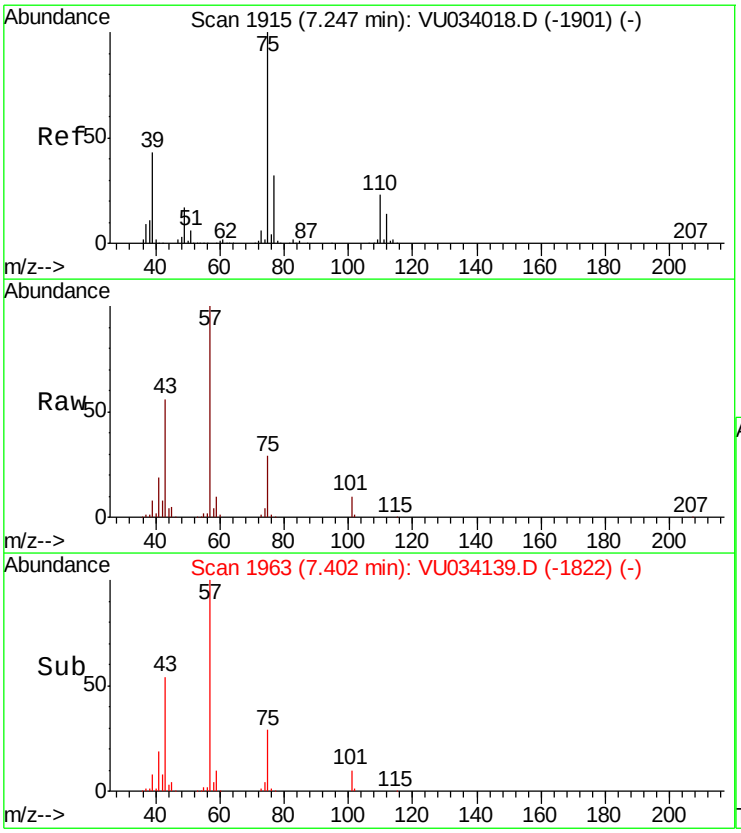
#51
4-Methyl-2-Pentanone
Concen: 10.177 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument :
MSVOA_U
ClientSampleId :
OR-02-082919

Tgt Ion: 43 Resp: 84065

Ion	Ratio	Lower	Upper
43	100		
58	6.9	32.2	48.4#

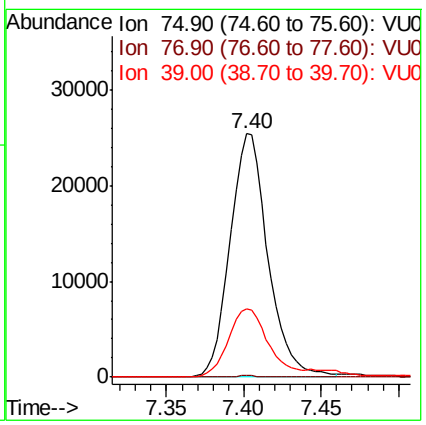


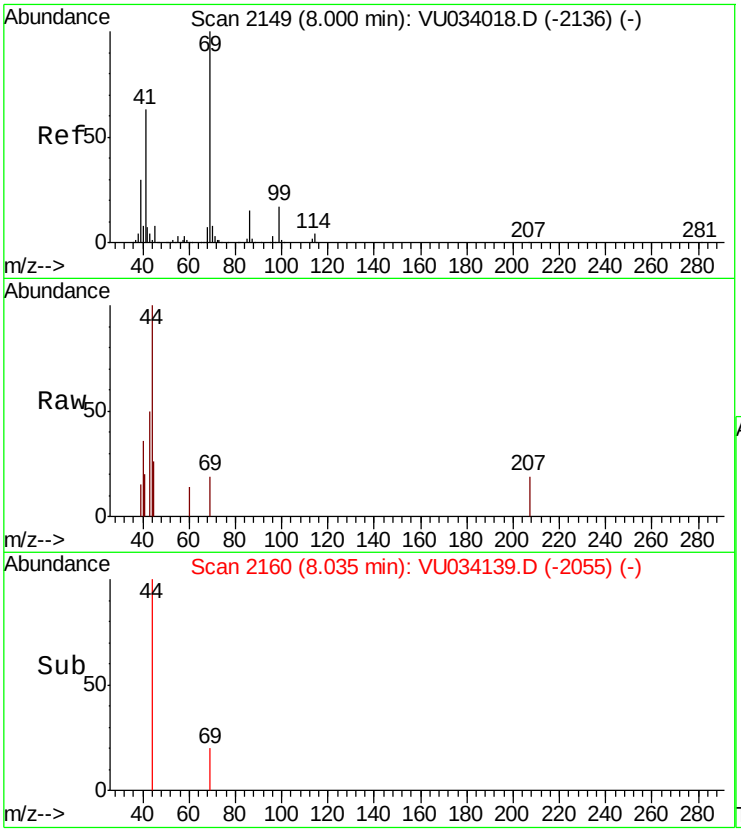


#54
cis-1,3-Dichloropropene
Concen: 4.827 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 75 Resp: 43129

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.2	37.8#
39	27.9	34.6	51.8#



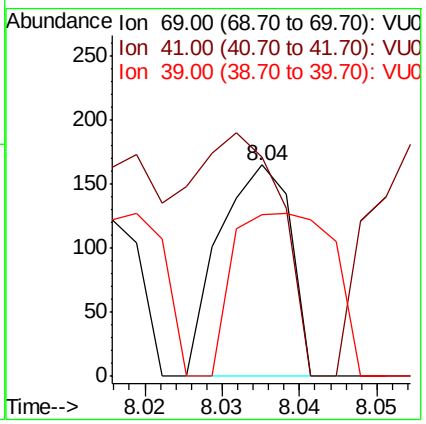


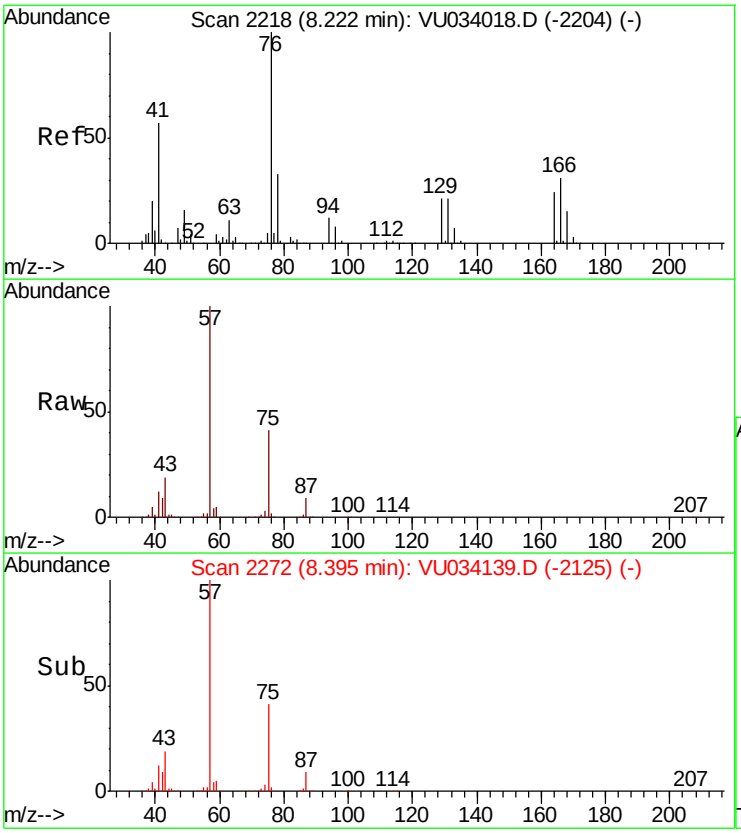
#56
Ethyl methacrylate
Concen: 0.983 ug/l
RT: 8.04 min Scan# 2160
Delta R.T. 0.04 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion: 69 Resp: 105

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

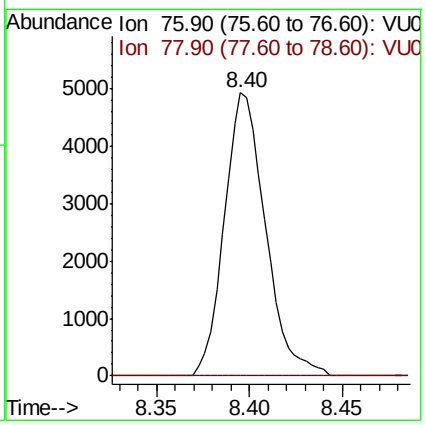


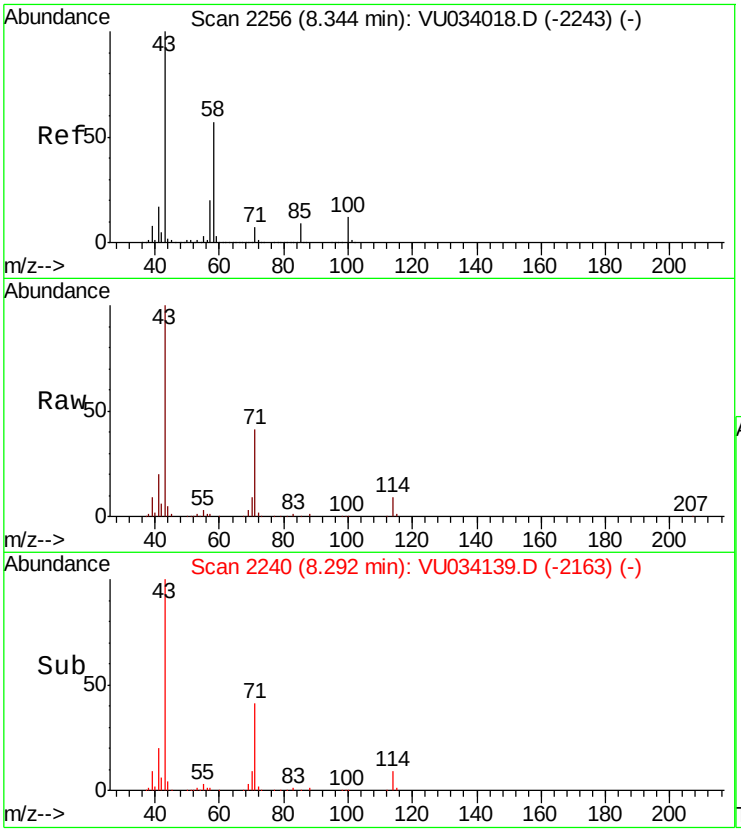


#57
1,3-Dichloropropane
Concen: 0.808 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.17 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 76 Resp: 7596

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#



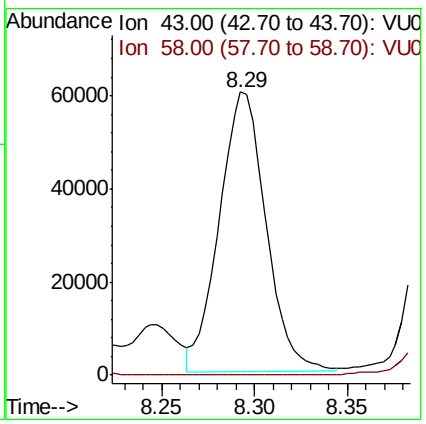


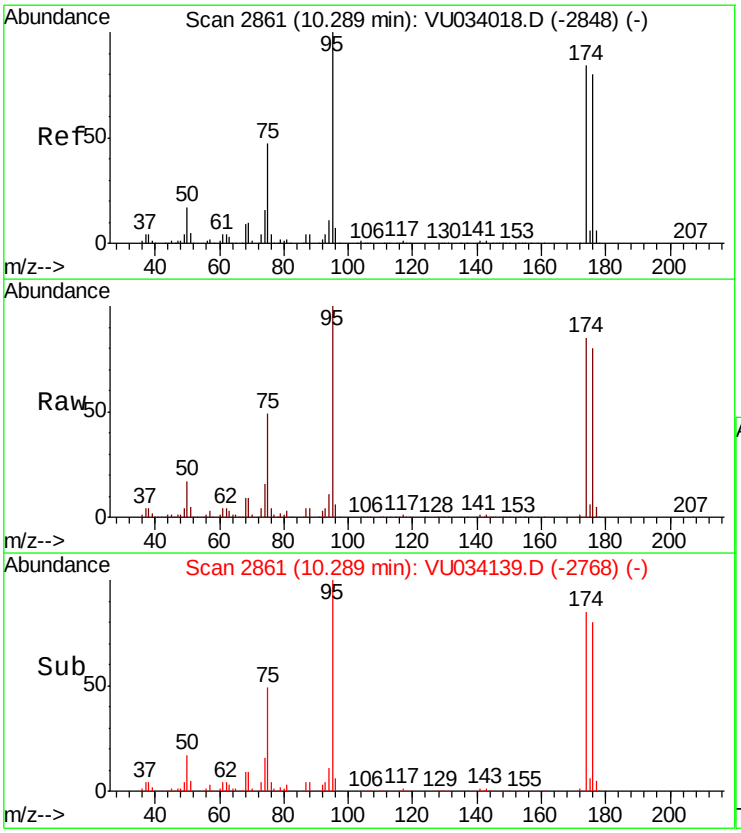
#59
2-Hexanone
Concen: 16.764 ug/l
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion: 43 Resp: 104530

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	85.3#

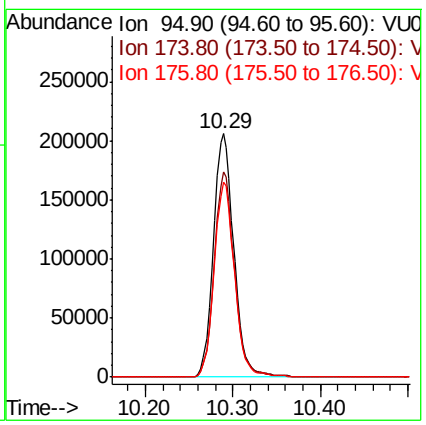


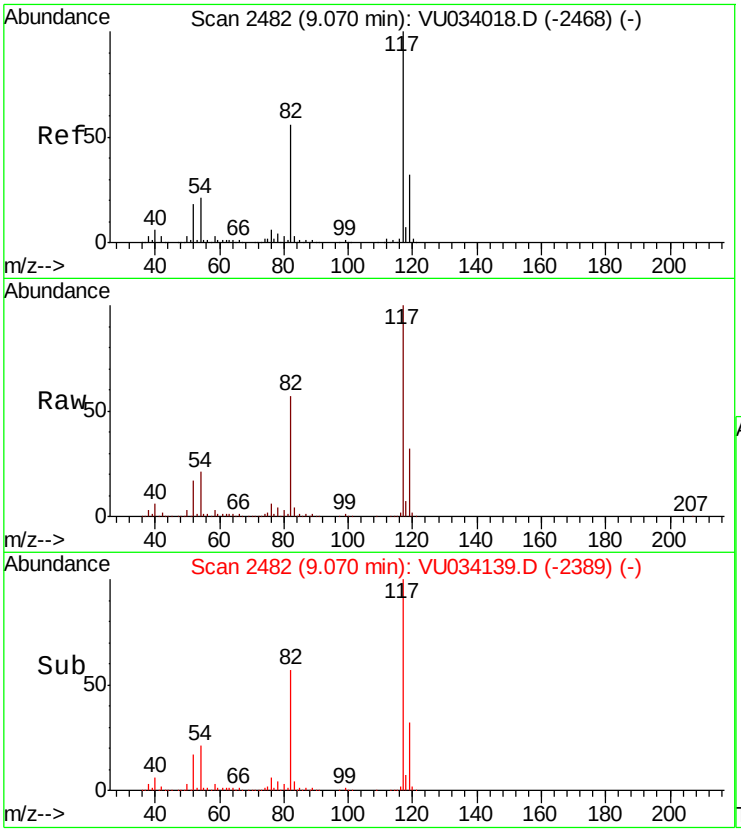


#62
4-Bromofluorobenzene
Concen: 44.482 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 95 Resp: 333538

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	168.8
176	80.1	0.0	161.8



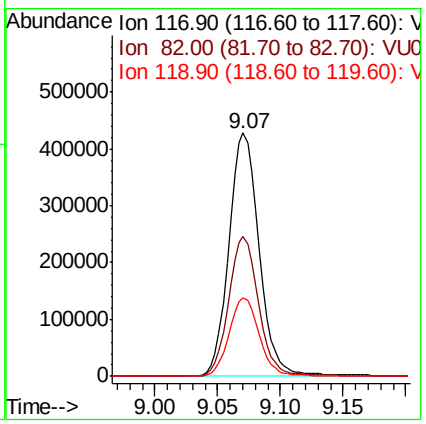


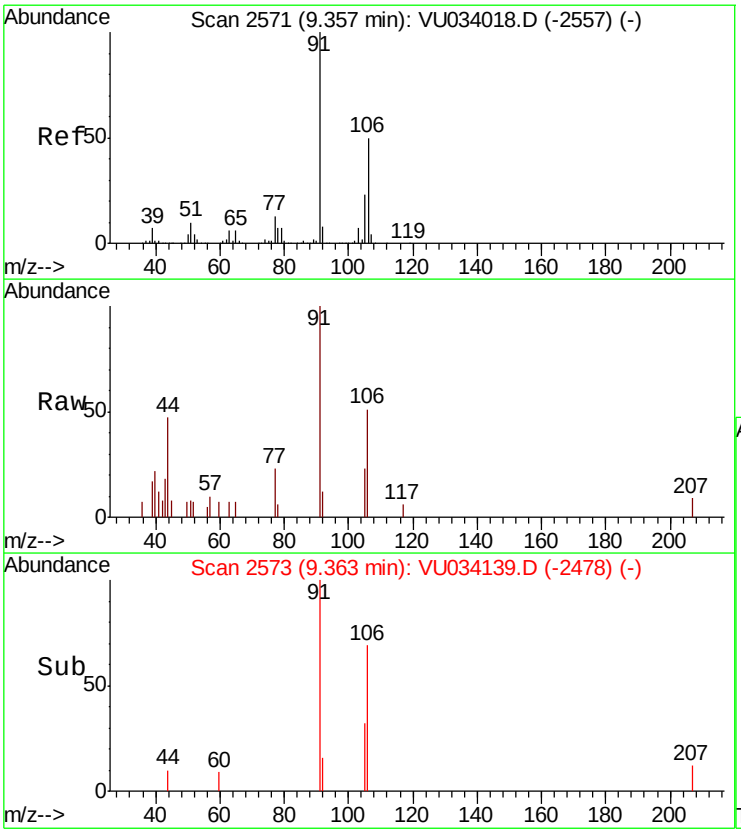
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion:117 Resp: 716110

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.1	67.7
119	32.1	25.4	38.0

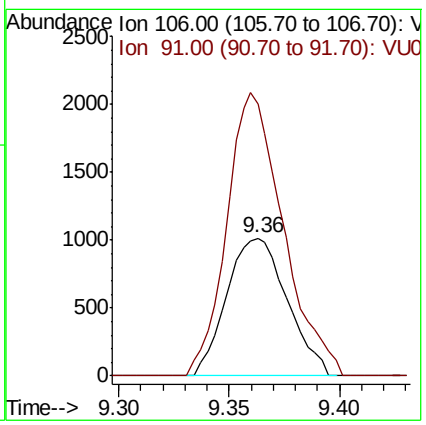


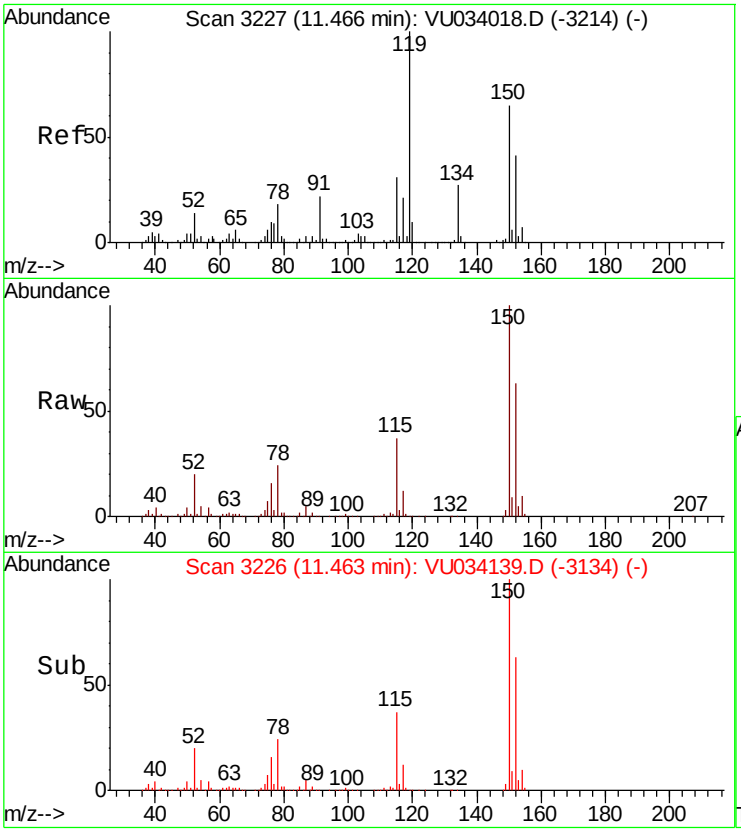


#68
m/p-Xylenes
Concen: 0.203 ug/l
RT: 9.36 min Scan# 2573
Delta R.T. 0.01 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion:106 Resp: 1929

Ion	Ratio	Lower	Upper
106	100		
91	192.3	161.6	242.4



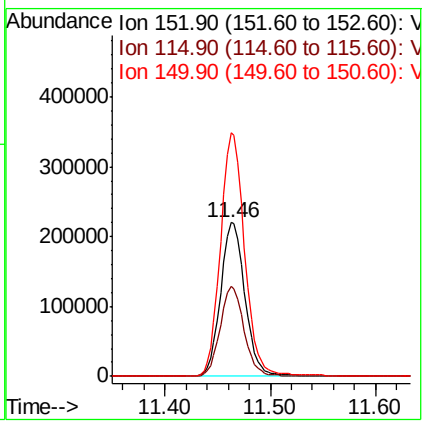


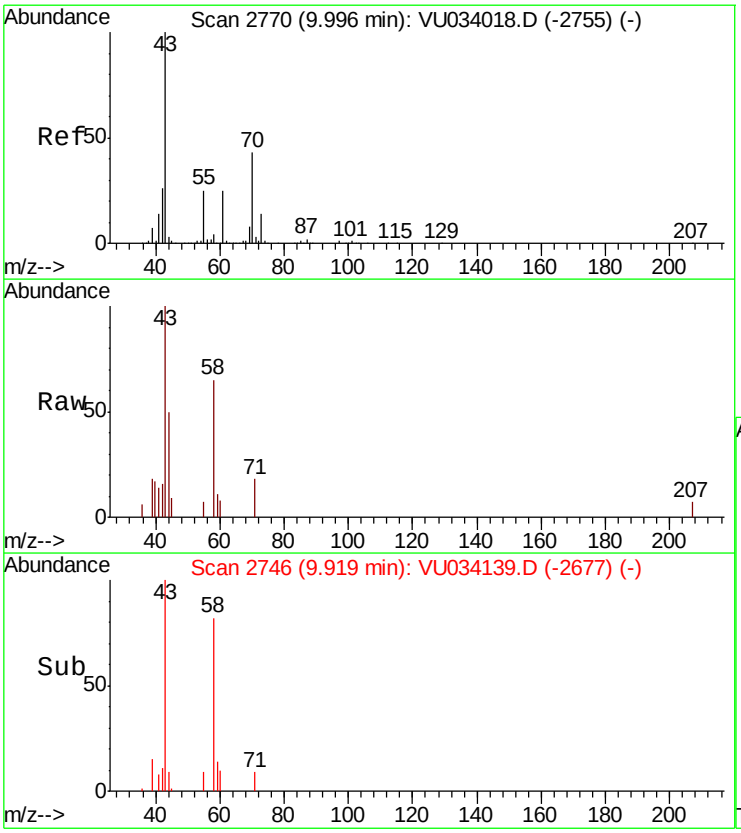
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion:152 Resp: 354318

Ion	Ratio	Lower	Upper
152	100		
115	57.1	41.1	123.3
150	157.2	0.0	348.8

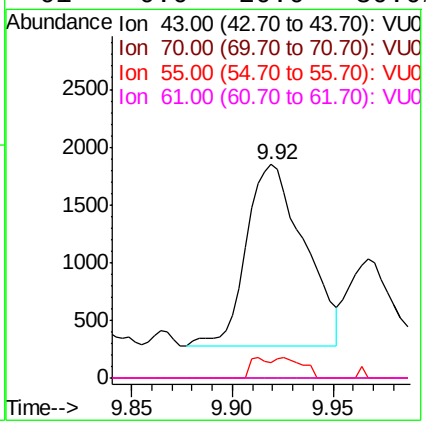


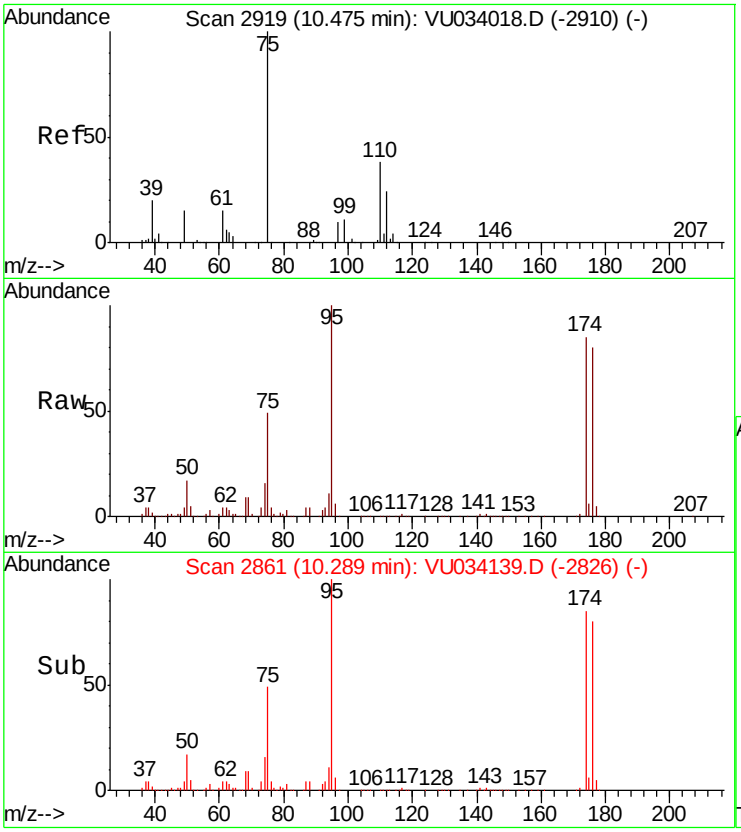


#74
N-amyl acetate
Concen: 0.317 ug/l
RT: 9.92 min Scan# 2746
Delta R.T. -0.08 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion: 43 Resp: 3169

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.2	52.8#
55	5.2	20.5	30.7#
61	0.0	20.0	30.0#



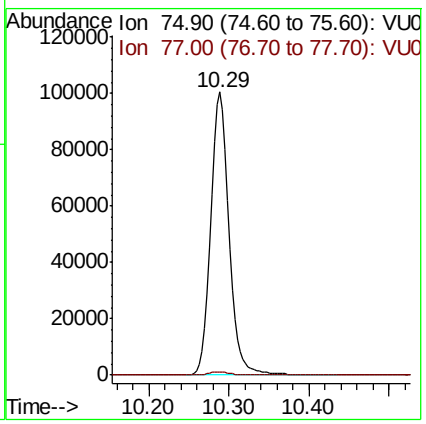


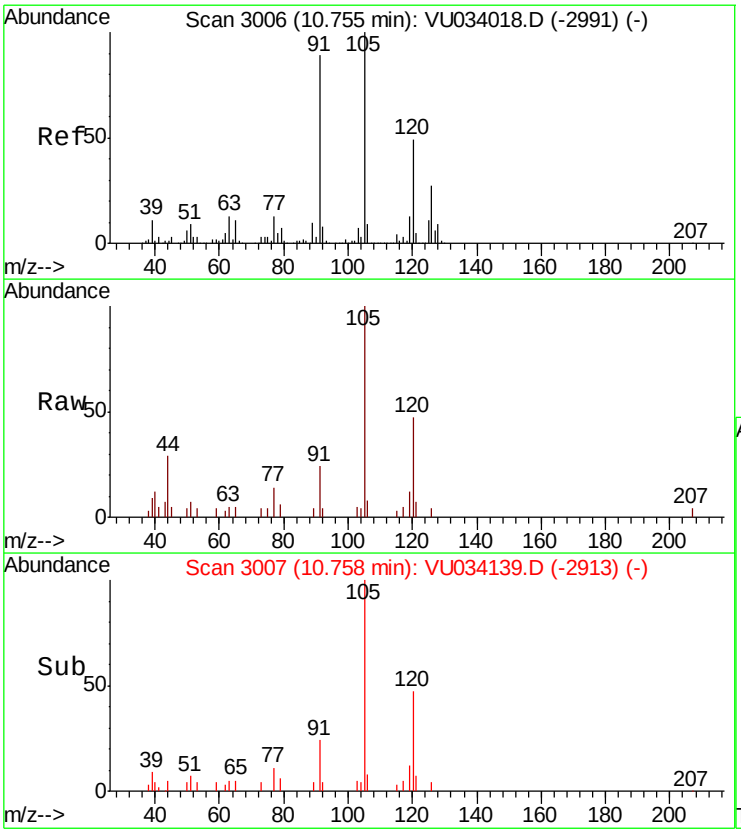
#76
1,2,3-Trichloropropane
Concen: 20.132 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument : MSVOA_U
ClientSampleId : OR-02-082919

Tgt Ion: 75 Resp: 160765

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.1	60.2#

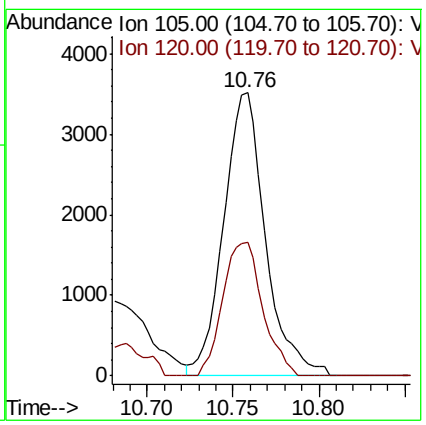


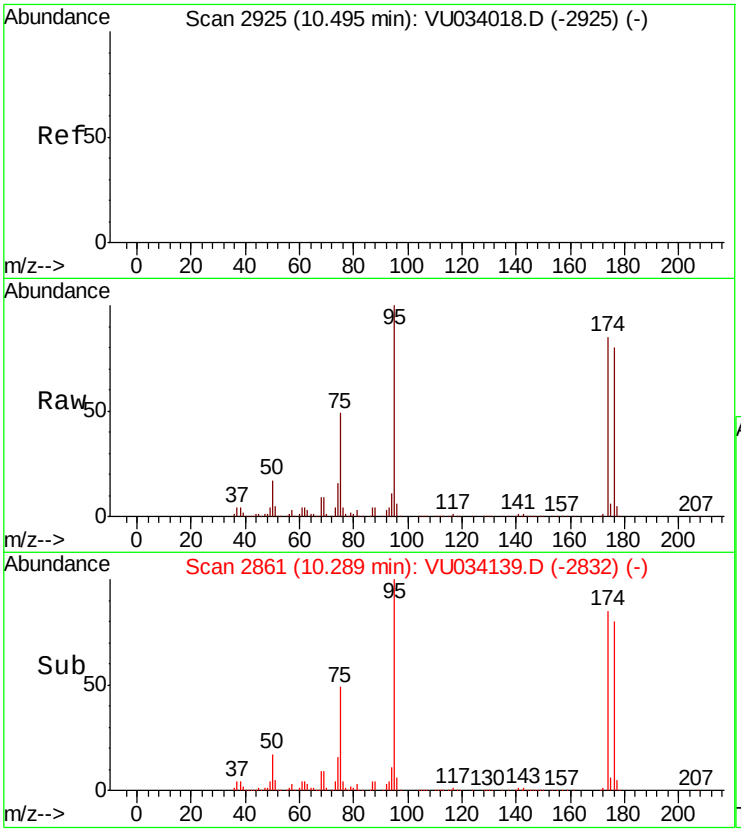


#80
1,3,5-Trimethylbenzene
Concen: 0.296 ug/l
RT: 10.76 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion:105 Resp: 5972

Ion	Ratio	Lower	Upper
105	100		
120	45.2	24.6	73.6



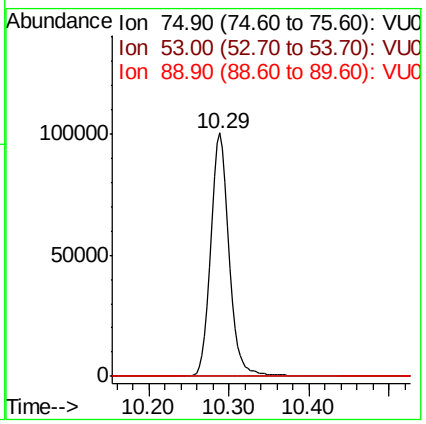


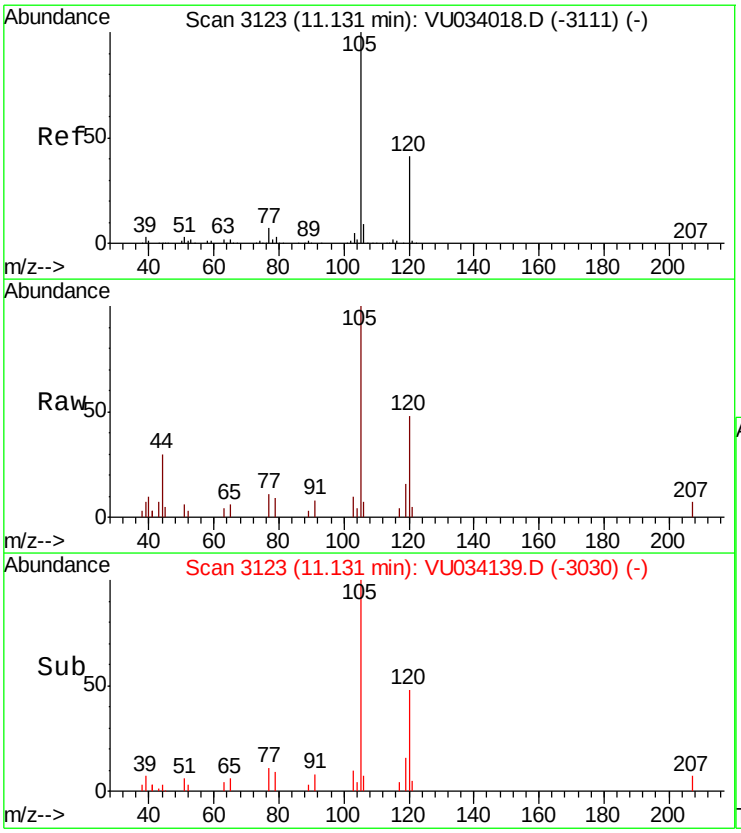
#81
trans-1,4-Dichloro-2-butene
Concen: 67.788 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.21 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument :
MSVOA_U
ClientSampleId :
OR-02-082919

Tgt Ion: 75 Resp: 160765

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

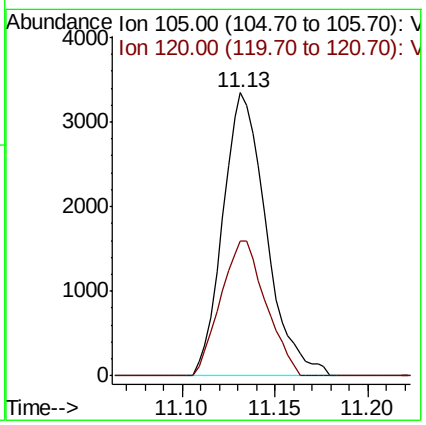


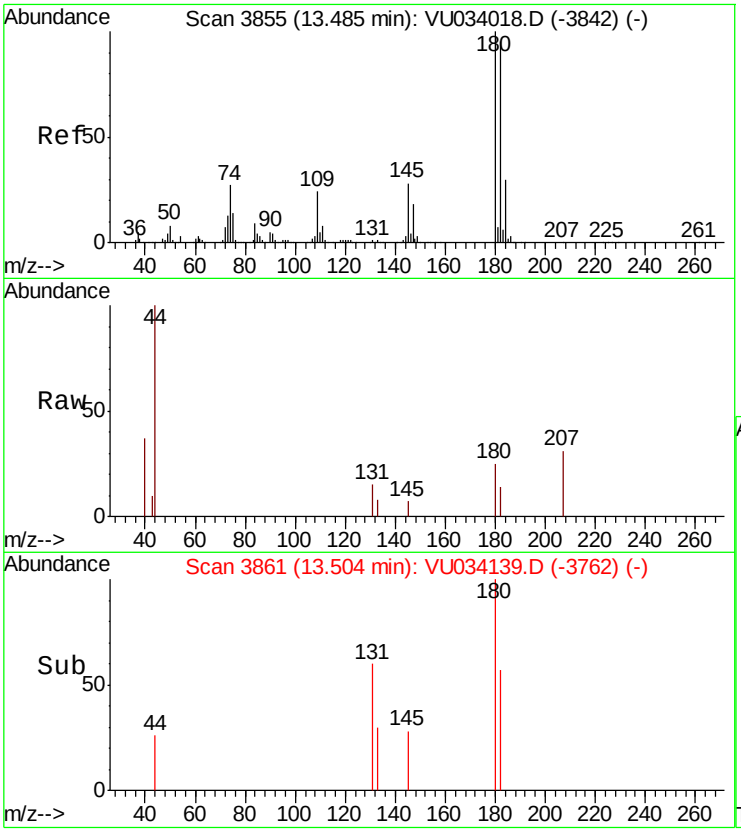


#84
1,2,4-Trimethylbenzene
Concen: 0.272 ug/l
RT: 11.13 min Scan# 3123
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion:105 Resp: 5441

Ion	Ratio	Lower	Upper
105	100		
120	49.5	22.6	67.8



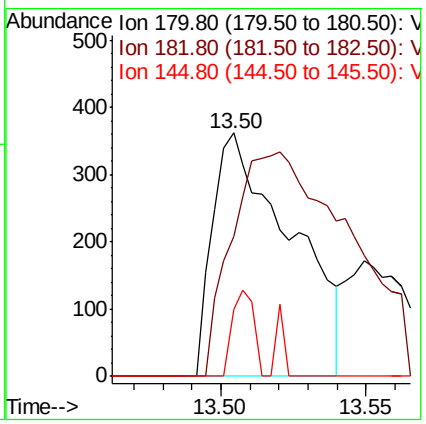


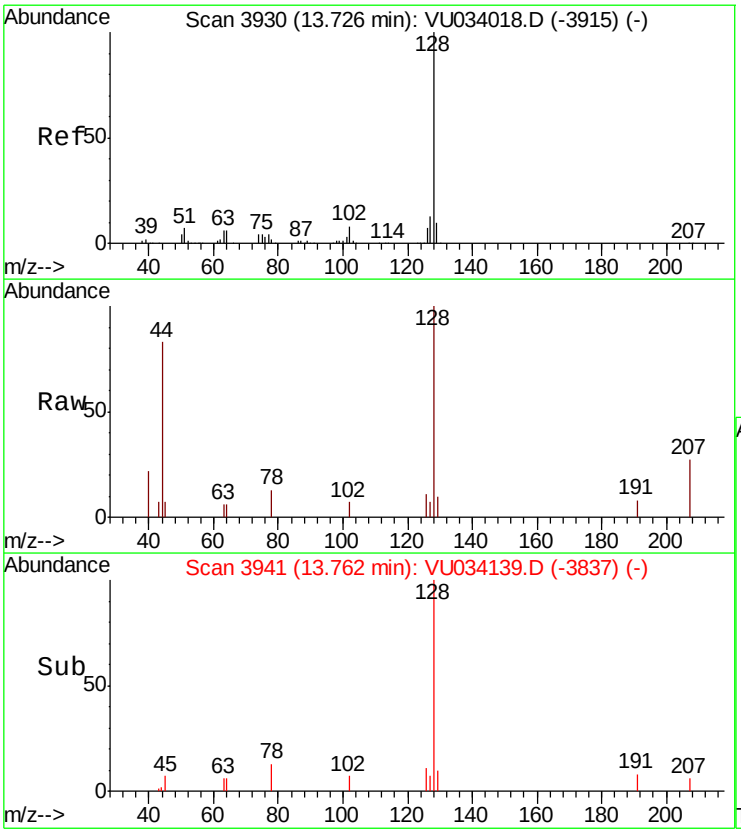
#93
1,2,4-Trichlorobenzene
Concen: 1.200 ug/l
RT: 13.50 min Scan# 3861
Delta R.T. 0.02 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Instrument :
MSVOA_U
ClientSampleId :
OR-02-082919

Tgt Ion:180 Resp: 678

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.2#
145	9.6	14.1	42.3#





#95
Naphthalene
Concen: 2.017 ug/l
RT: 13.76 min Scan# 3941
Delta R.T. 0.04 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion:128 Resp: 5206

Ion	Ratio	Lower	Upper
128	100		
127	2.5	10.2	15.4#
129	3.1	8.4	12.6#