Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
Data File : VU034150.D
Acq On : 01 Sep 2019 02:56
Operator : JC/SP
Sample : K4526-32
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T9-12-13-F3-(1.9)

Quant Time: Sep 01 04:54:42 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	441698	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.87	114	701336	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.07	117	700674	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	343405	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.29	65	282120	49.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.70%				
35) Dibromofluoromethane	4.86	113	230937	47.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.94%				
50) Toluene-d8	7.55	98	927552	50.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.84%				
62) 4-Bromofluorobenzene	10.29	95	322736	45.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.10%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	530	Below Cal			95
5) Bromomethane	1.63	94	528	Below Cal	#		74
11) Tert butyl alcohol	2.83	59	3525	2.701	ug/l	#	73
13) Acrolein	2.18	56	172	0.313	ug/l		84
16) Acetone	2.31	43	20832	7.214	ug/l		99
18) Methyl Acetate	2.61	43	2737	0.367	ug/l	#	87
20) Methylene Chloride	2.69	84	13545	2.478	ug/l	#	95
31) Cyclohexane	4.96	56	7915	0.937	ug/l	#	1
36) 1,1-Dichloropropene	4.96	75	31893	4.808	ug/l	#	49
38) Carbon Tetrachloride	4.96	117	40488	6.323	ug/l	#	16
43) Isopropyl Acetate	5.53	43	66810	5.912	ug/l		98
48) Methyl methacrylate	6.53	41	5801	1.064	ug/l	#	14
49) 1,4-Dioxane	6.62	88	40	0.293	ug/l	#	22
51) 4-Methyl-2-Pentanone	7.40	43	60361	7.734	ug/l	#	46
54) cis-1,3-Dichloropropene	7.40	75	30842	3.653	ug/l	#	63
56) Ethyl methacrylate	7.97	69	131	0.986	ug/l	#	27
57) 1,3-Dichloropropane	8.40	76	4728	0.532	ug/l	#	42
59) 2-Hexanone	8.40	43	63588	10.792	ug/l	#	55
74) N-amyl acetate	9.92	43	2694	0.278	ug/l	#	45
76) 1,2,3-Trichloropropane	10.29	75	154358	19.944	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	10.29	75	154358	67.155	ug/l	#	100
95) Naphthalene	13.83	128	74	1.793	ug/l	#	70

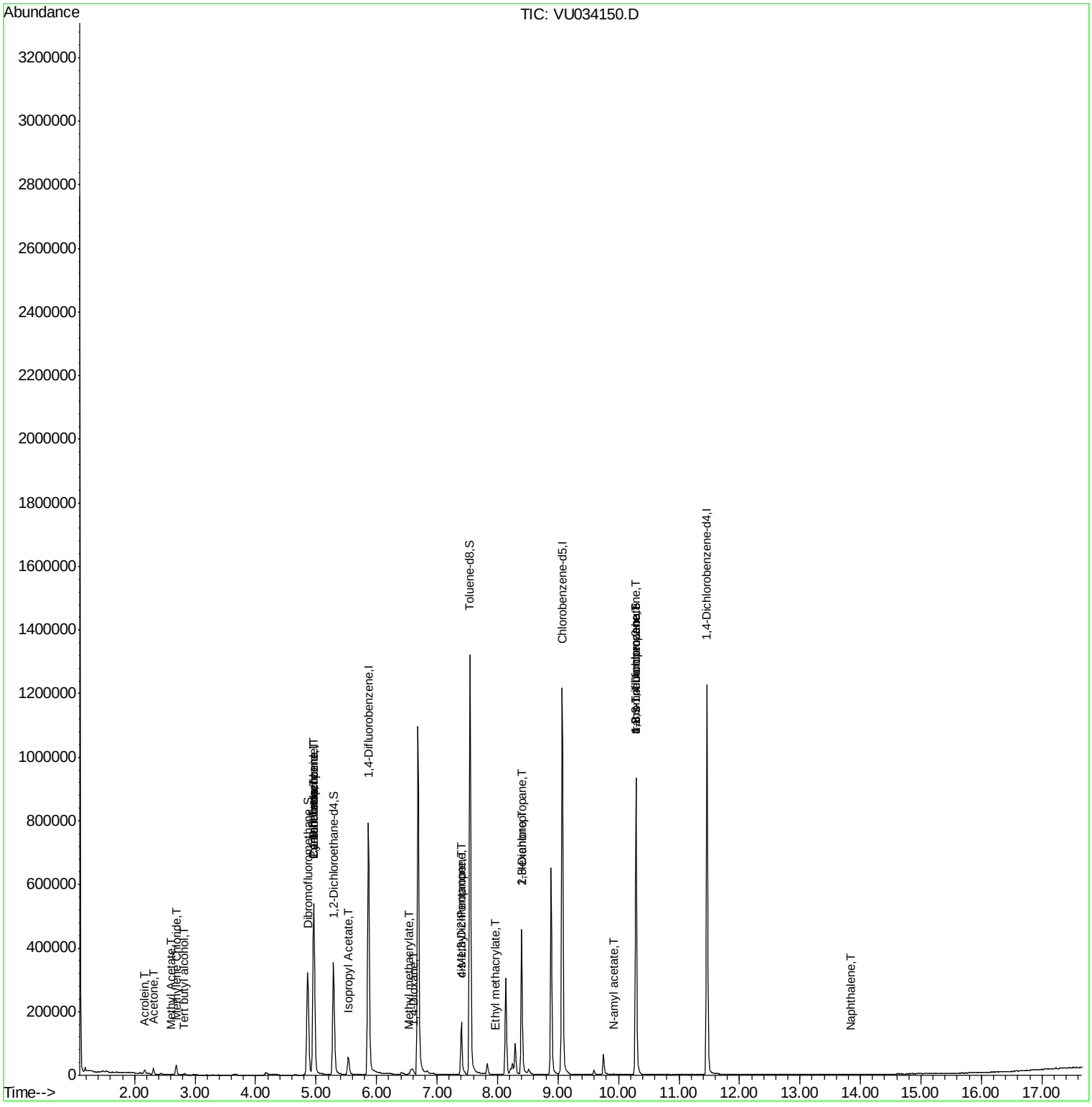
(#) = qualifier out of range (m) = manual integration (+) = signals summed

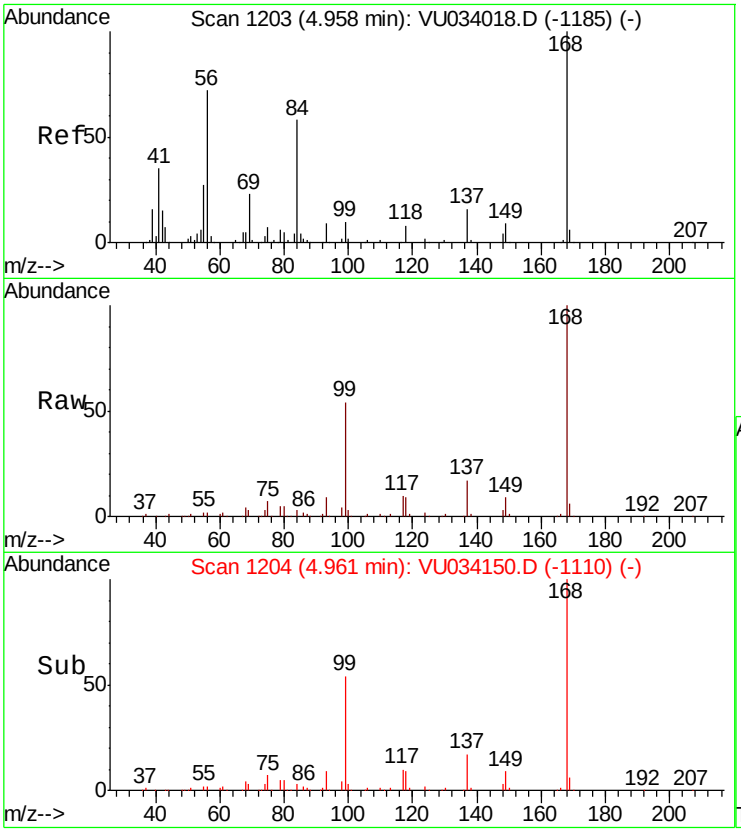
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
Data File : VU034150.D
Acq On : 01 Sep 2019 02:56
Operator : JC/SP
Sample : K4526-32
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Quant Time: Sep 01 04:54:42 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



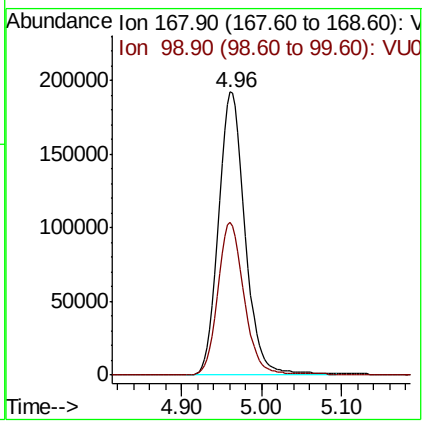


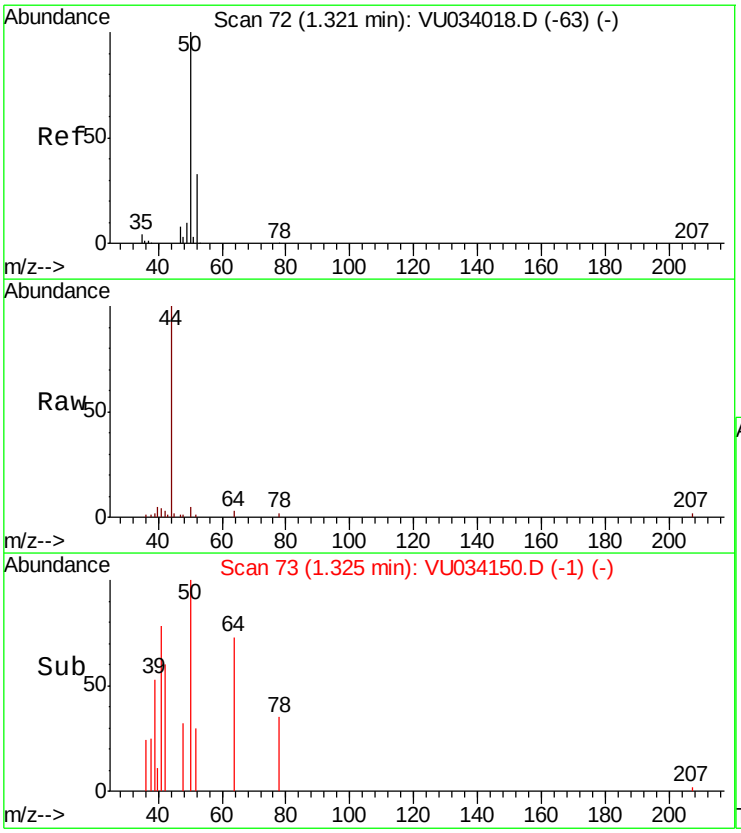
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument : MSVOA_U
ClientSampleId : T9-12-13-F3-(1.9)

Tgt Ion:168 Resp: 441698

Ion	Ratio	Lower	Upper
168	100		
99	53.9	42.3	63.5

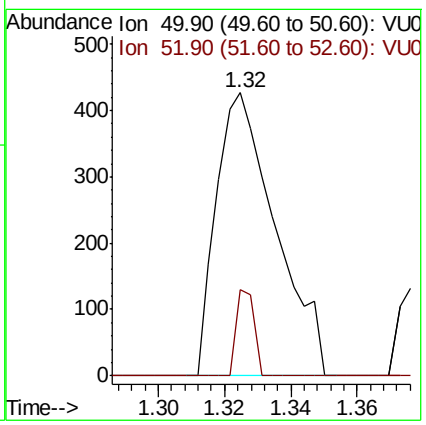


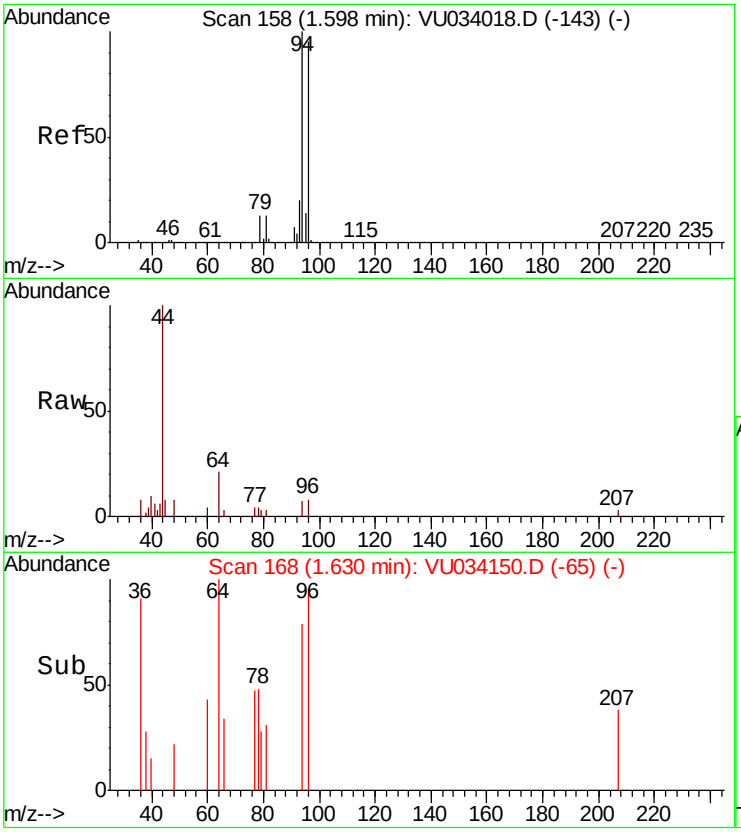


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 50 Resp: 530

Ion	Ratio	Lower	Upper
50	100		
52	30.2	26.2	39.4



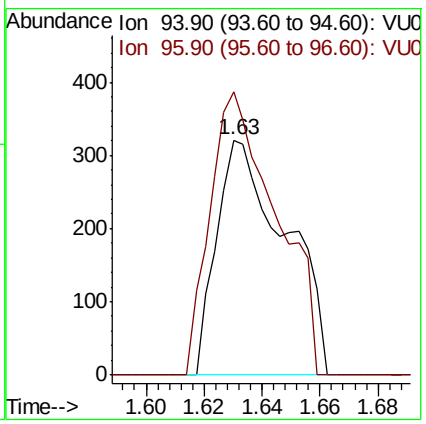


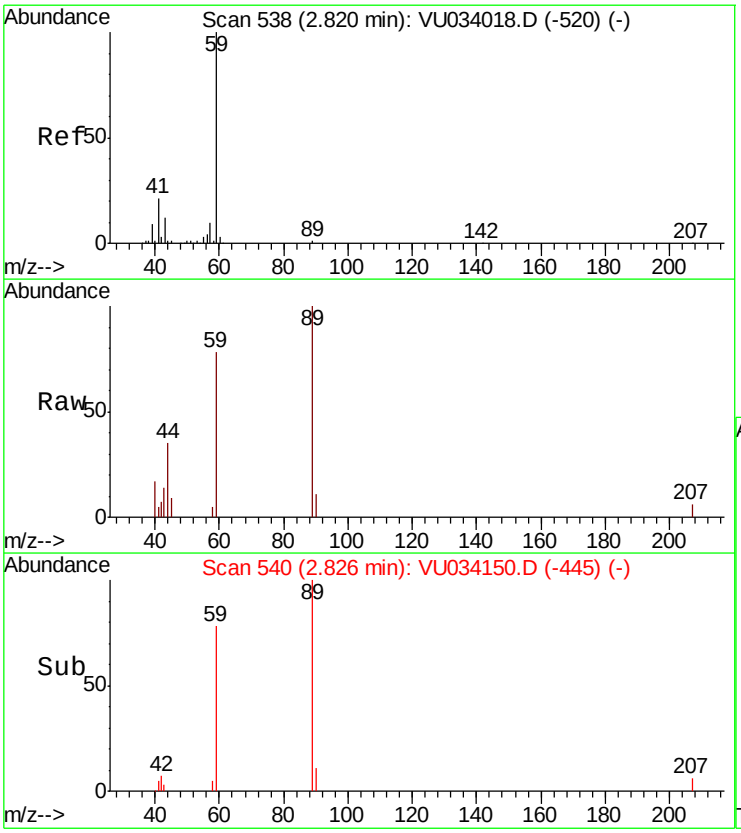
#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 168
Delta R.T. 0.03 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Tgt Ion: 94 Resp: 528

Ion	Ratio	Lower	Upper
94	100		
96	120.6	76.3	114.5#

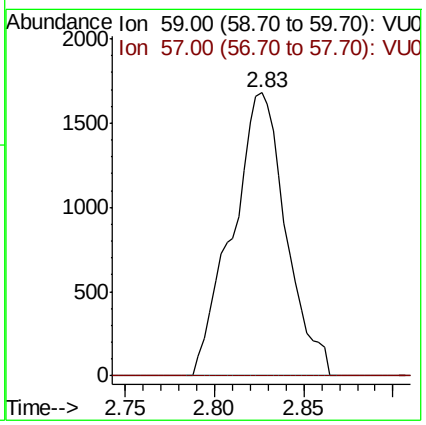


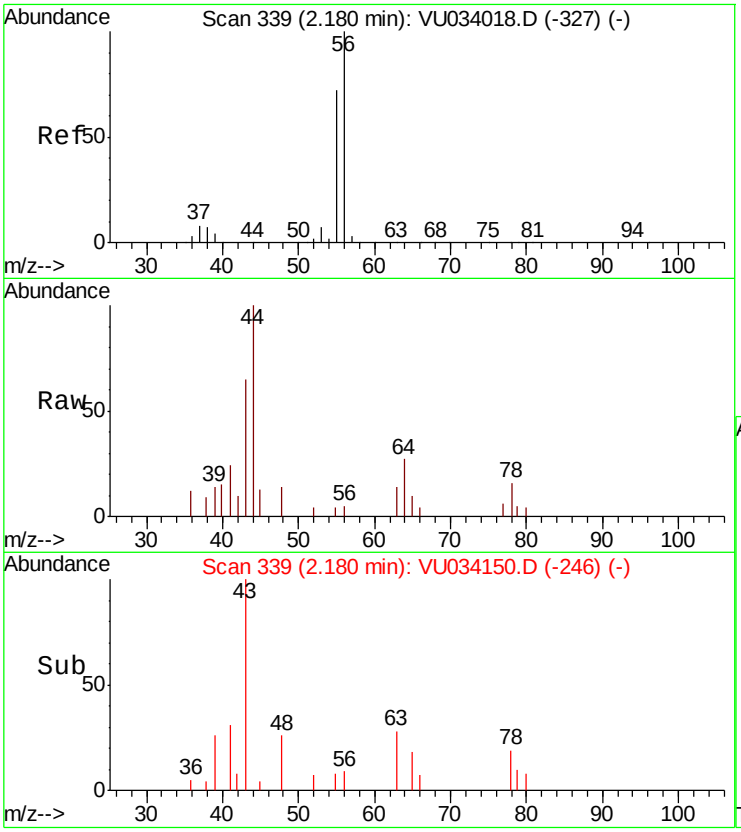


#11
Tert butyl alcohol
Concen: 2.701 ug/l
RT: 2.83 min Scan# 540
Delta R.T. 0.01 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 59 Resp: 3525

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



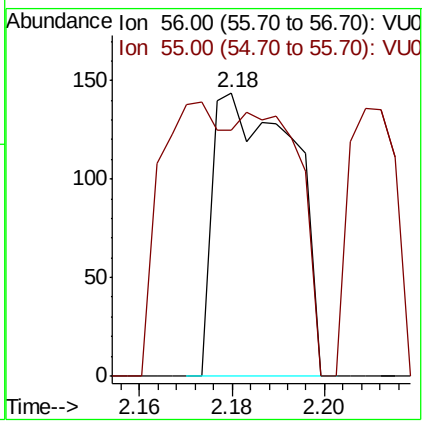


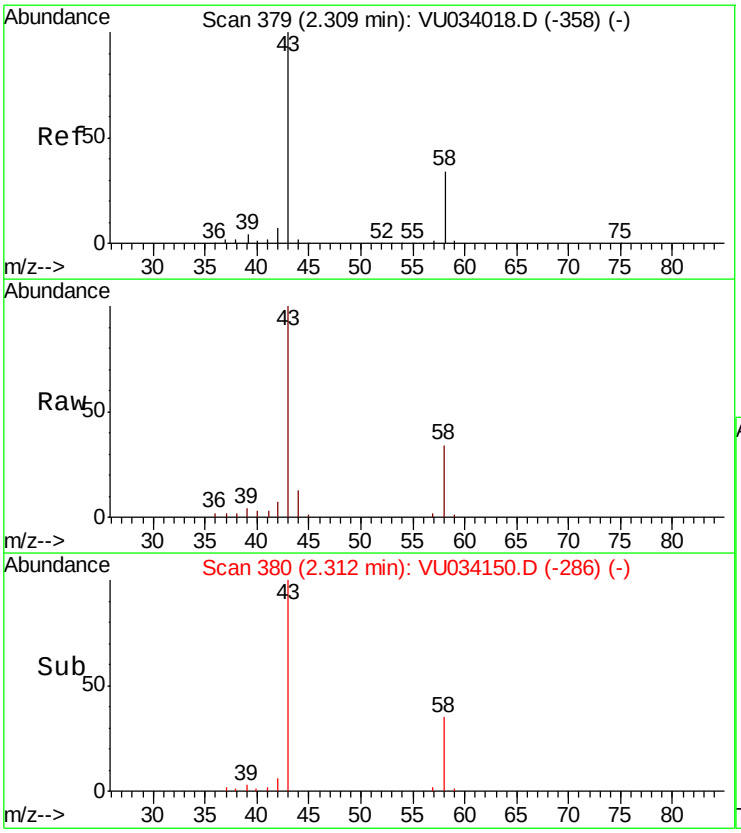
#13
Acrolein
Concen: 0.313 ug/l
RT: 2.18 min Scan# 339
Delta R.T. -0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Tgt Ion: 56 Resp: 172

Ion	Ratio	Lower	Upper
56	100		
55	84.9	57.1	85.7

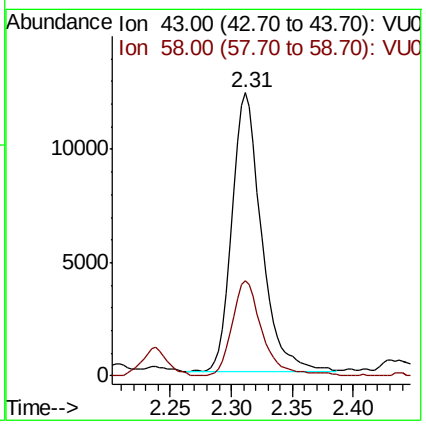


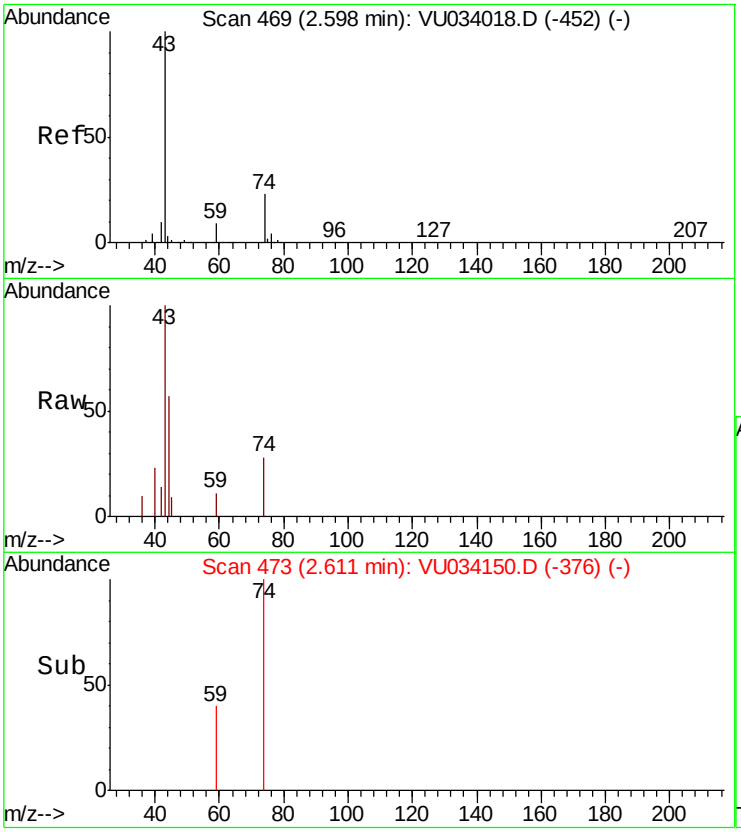


#16
Acetone
Concen: 7.214 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 43 Resp: 20832

Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.8	40.2



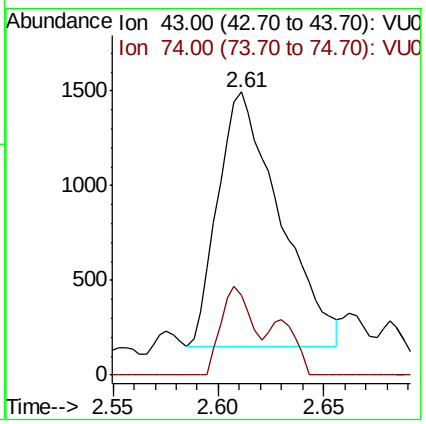


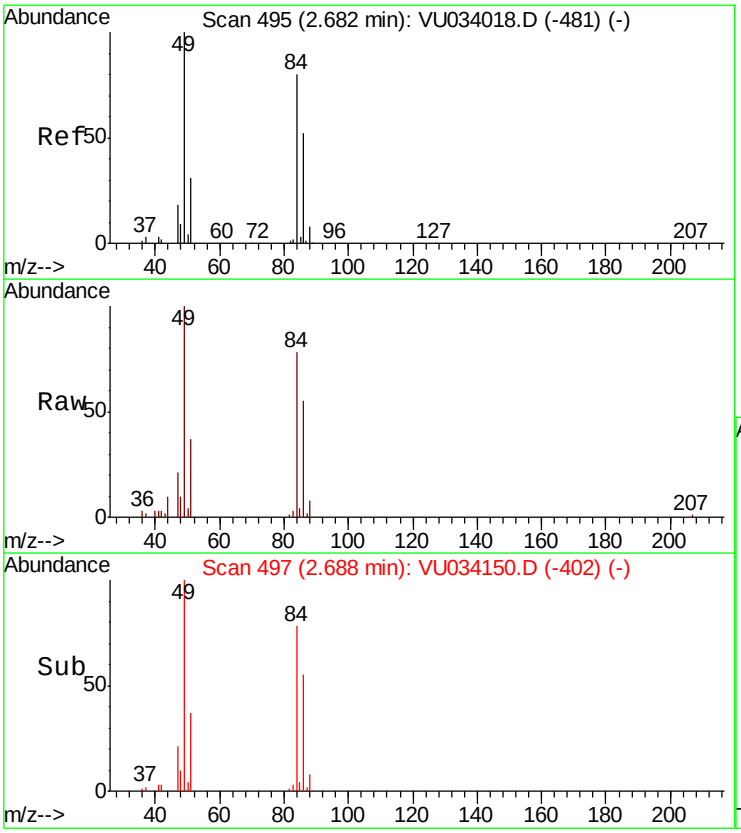
#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument : MSVOA_U
ClientSampleId : T9-12-13-F3-(1.9)

Tgt Ion: 43 Resp: 2737

Ion	Ratio	Lower	Upper
43	100		
74	17.4	19.2	28.8#

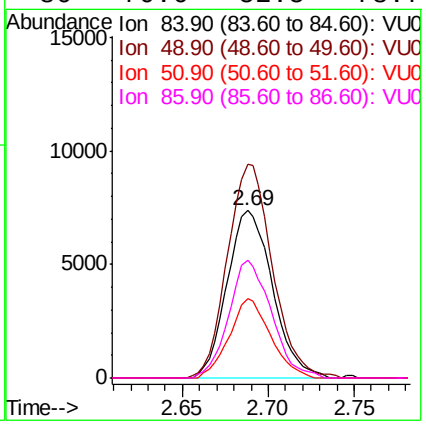


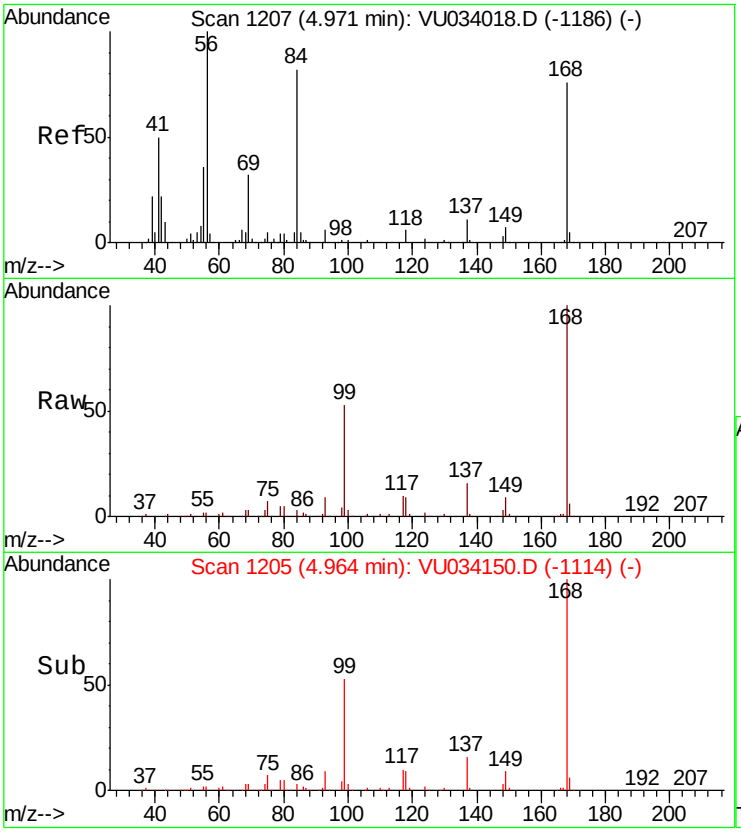


#20
Methylene Chloride
Concen: 2.478 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 84 Resp: 13545

Ion	Ratio	Lower	Upper
84	100		
49	127.4	100.2	150.4
51	47.7	30.8	46.2#
86	70.6	52.5	78.7



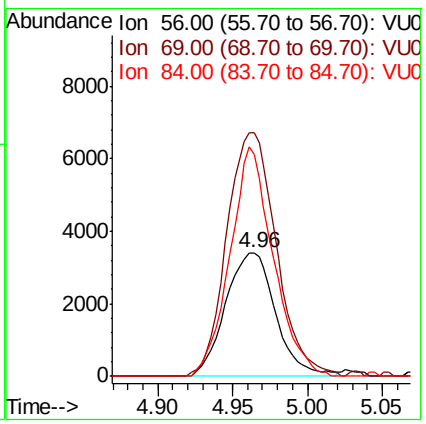


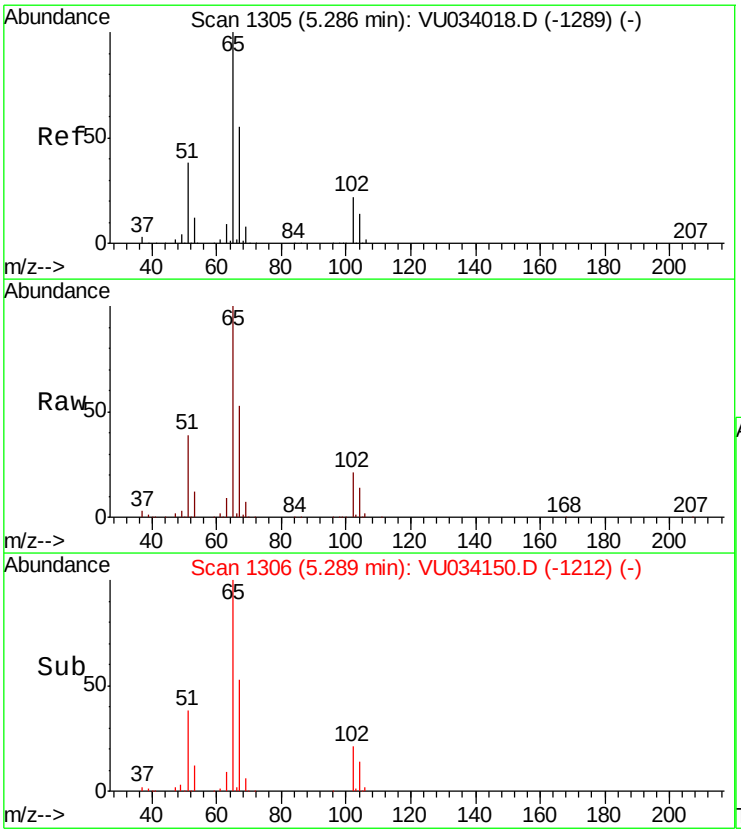
#31
Cyclohexane
Concen: 0.937 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument : MSVOA_U
ClientSampleId : T9-12-13-F3-(1.9)

Tgt Ion: 56 Resp: 7915

Ion	Ratio	Lower	Upper
56	100		
69	197.5	25.4	38.0#
84	180.1	65.8	98.8#

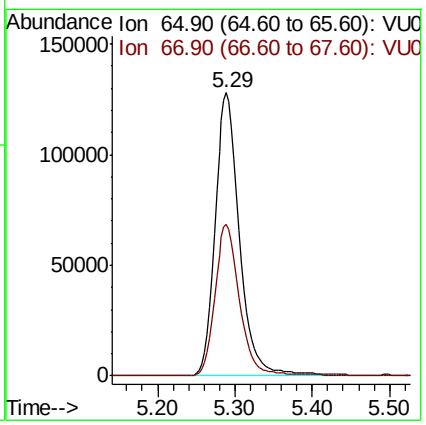


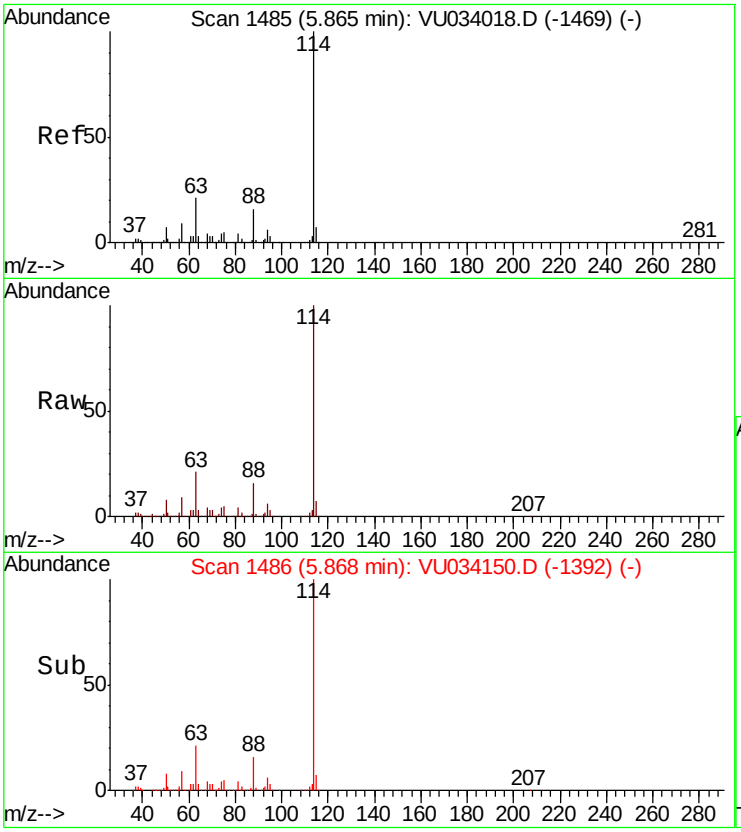


#33
1,2-Dichloroethane-d4
Concen: 49.848 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 65 Resp: 282120

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.6



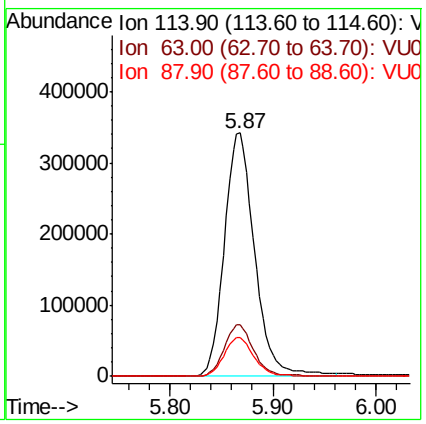


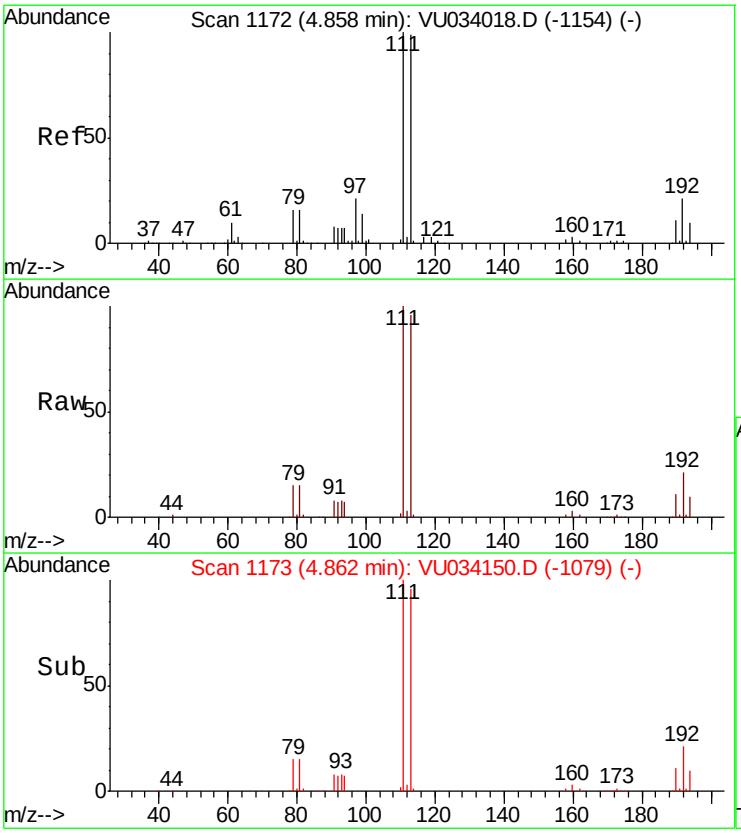
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument : MSVOA_U
ClientSampleId : T9-12-13-F3-(1.9)

Tgt Ion:114 Resp: 701336

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.0
88	16.1	0.0	32.0

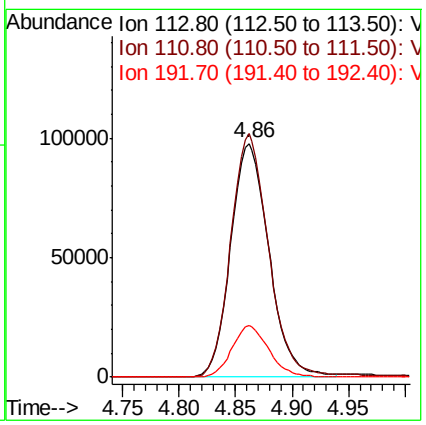


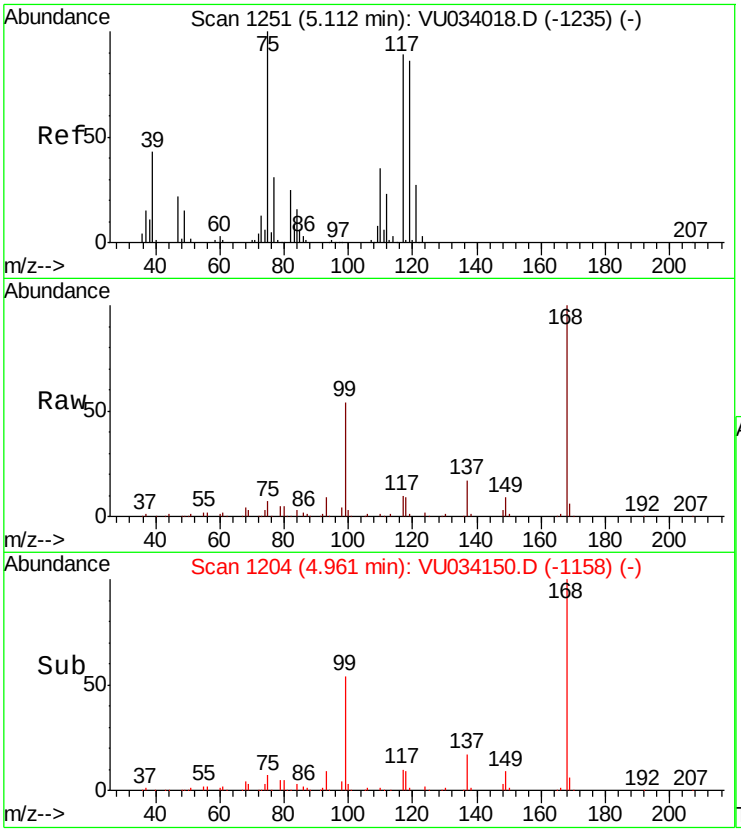


#35
Dibromofluoromethane
Concen: 47.475 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion:113 Resp: 230937

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.7	122.5
192	21.2	17.1	25.7



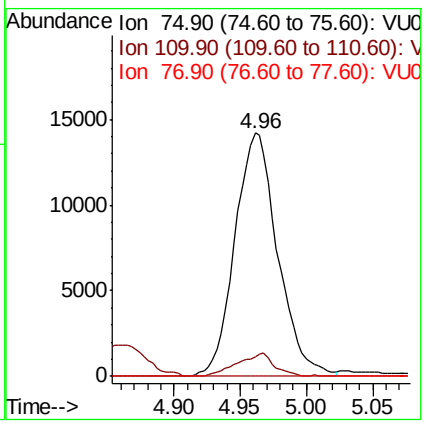


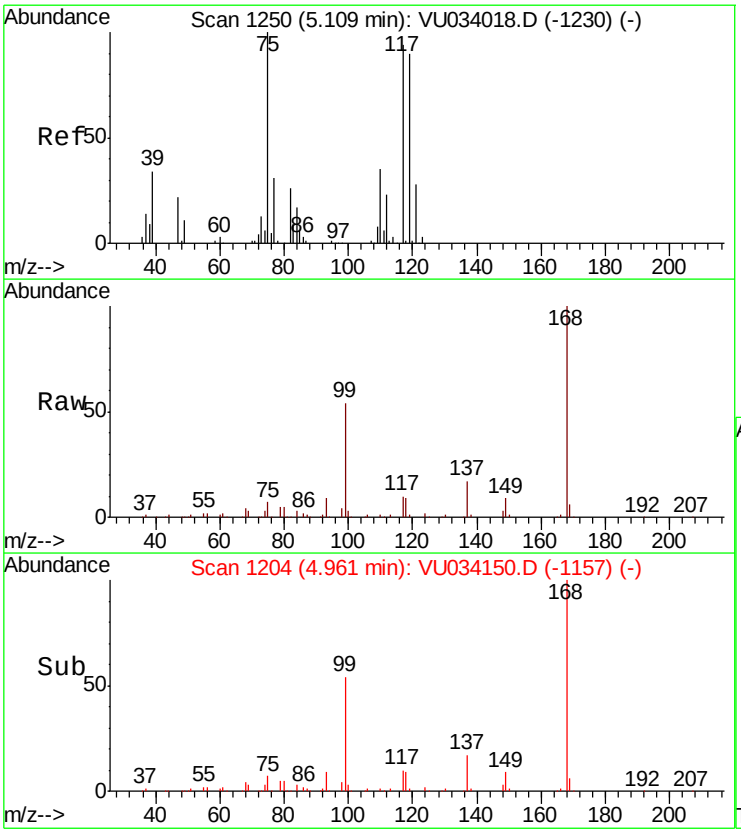
#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Tgt Ion: 75 Resp: 31893

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.8	53.5#
77	0.0	25.0	37.4#

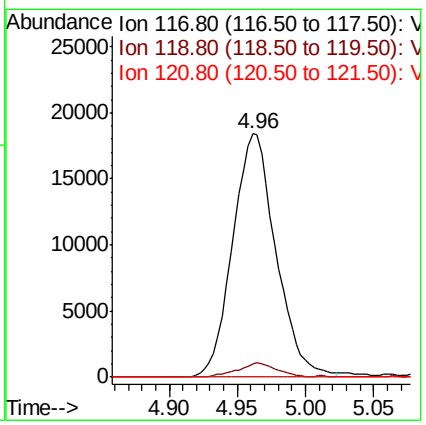


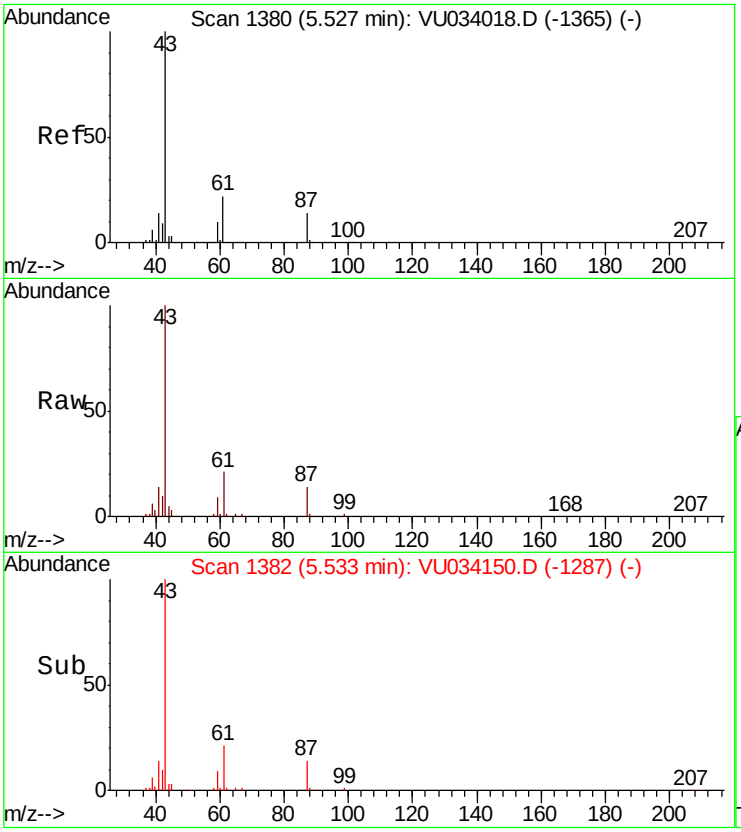


#38
Carbon Tetrachloride
Concen: 6.323 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion:117 Resp: 40488

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.0	115.4#
121	0.0	23.9	35.9#



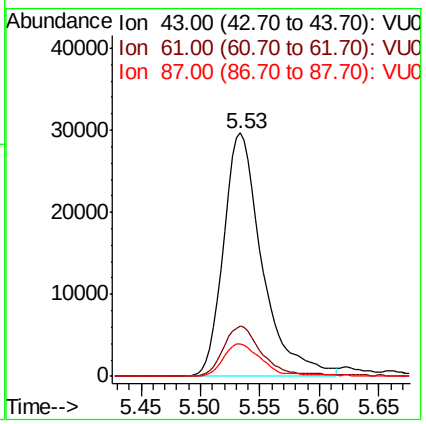


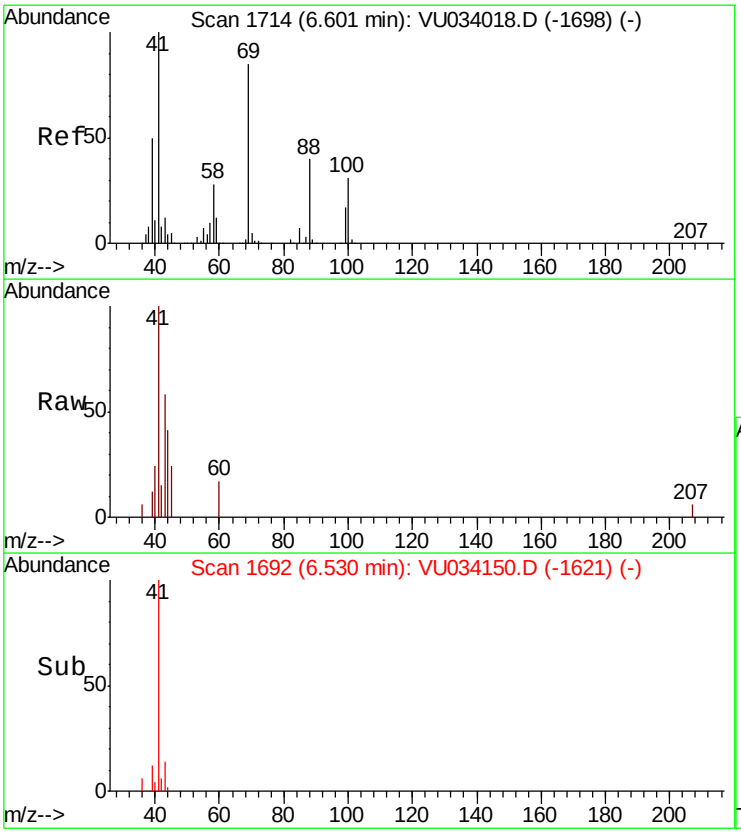
#43
Isopropyl Acetate
Concen: 5.912 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Tgt Ion: 43 Resp: 66810

Ion	Ratio	Lower	Upper
43	100		
61	20.1	17.2	25.8
87	13.2	10.8	16.2

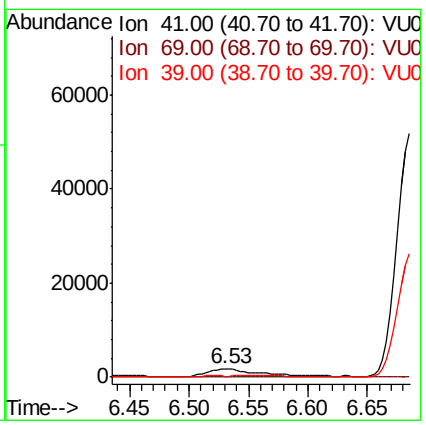


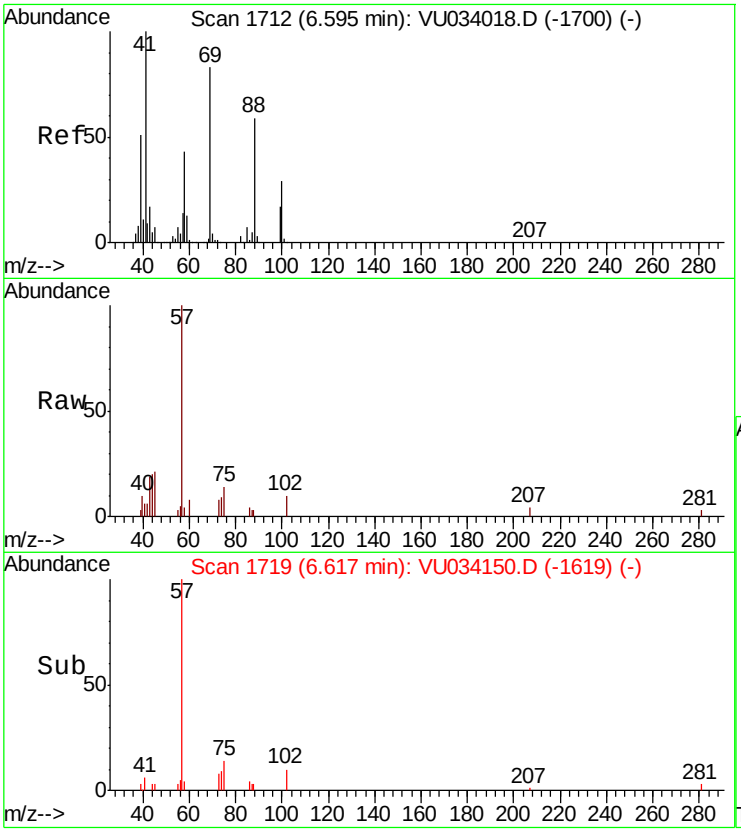


#48
Methyl methacrylate
Concen: 1.064 ug/l
RT: 6.53 min Scan# 1692
Delta R.T. -0.07 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 41 Resp: 5801

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



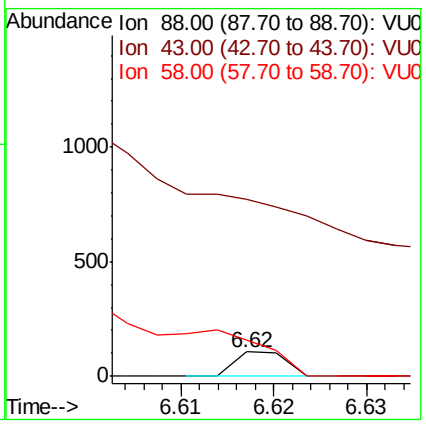


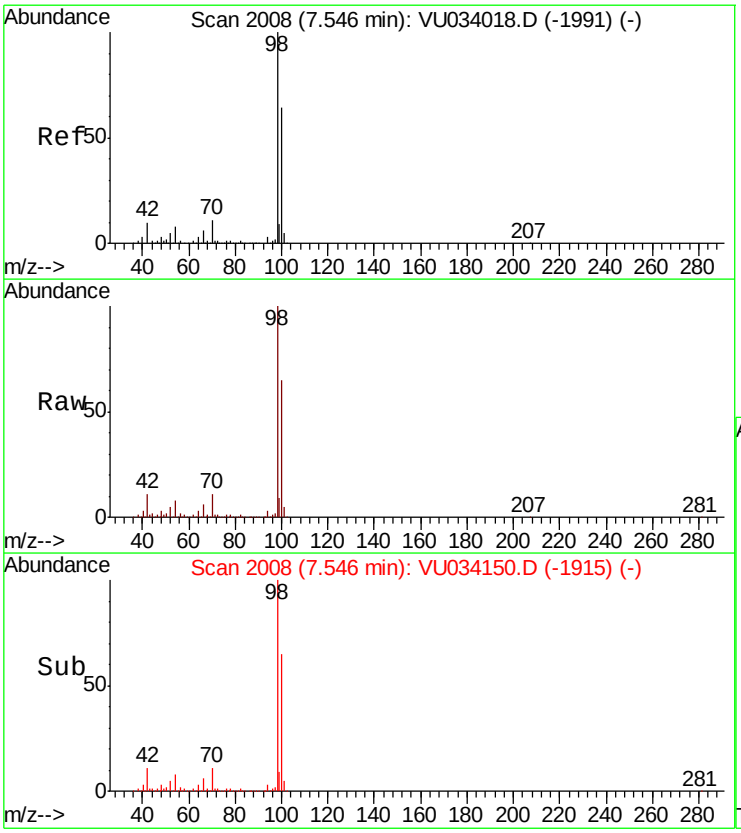
#49
1,4-Dioxane
Concen: 0.293 ug/l
RT: 6.62 min Scan# 1719
Delta R.T. 0.02 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Tgt Ion: 88 Resp: 40

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

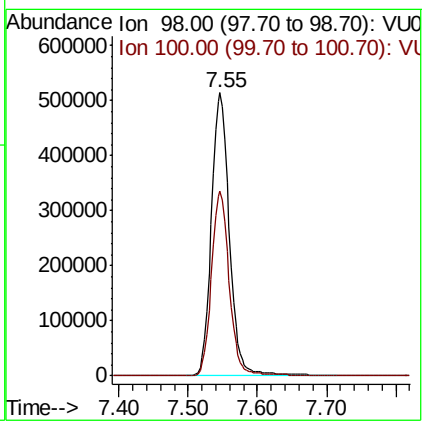


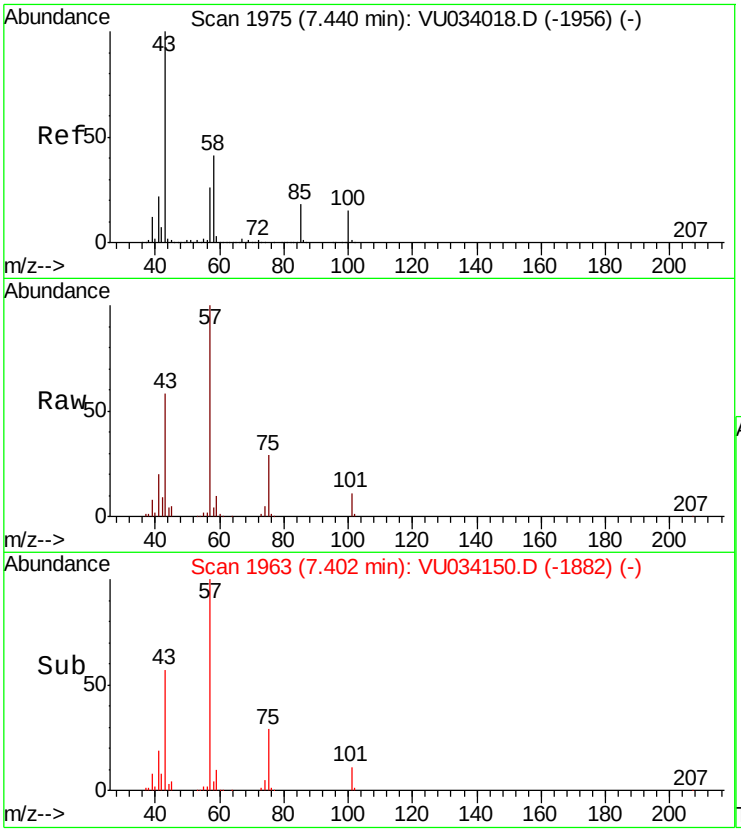


#50
Toluene-d8
Concen: 50.925 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 98 Resp: 927552

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.3	75.5



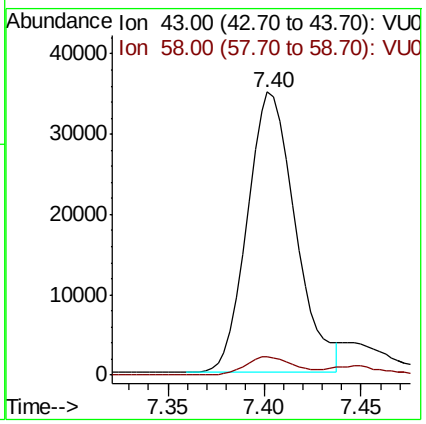


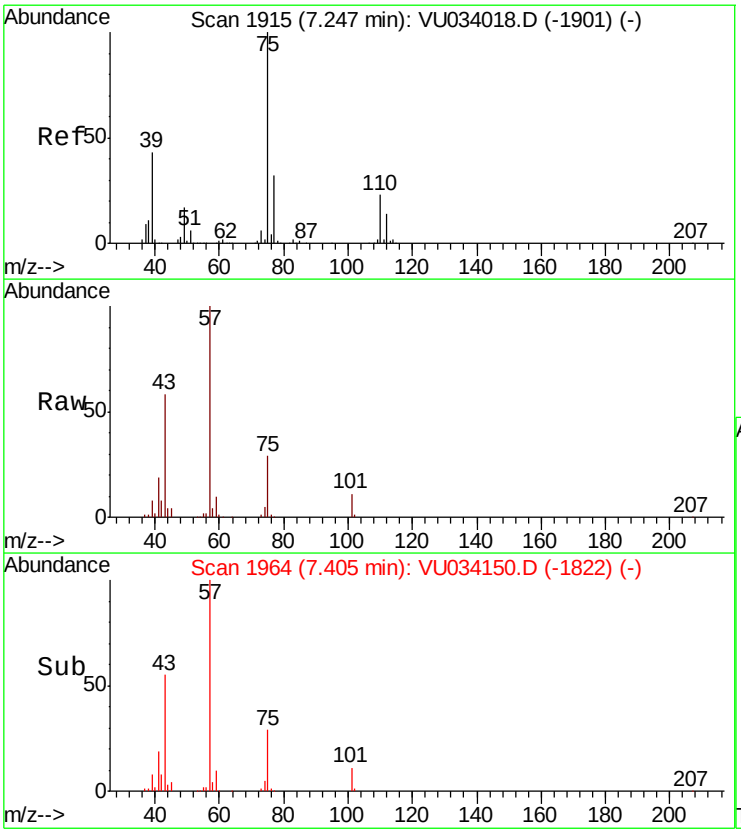
#51
4-Methyl-2-Pentanone
Concen: 7.734 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Tgt Ion: 43 Resp: 60361

Ion	Ratio	Lower	Upper
43	100		
58	6.7	32.2	48.4#

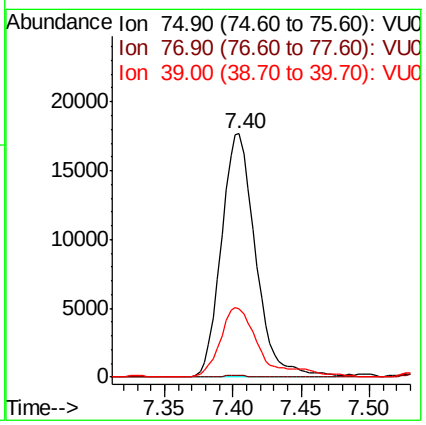


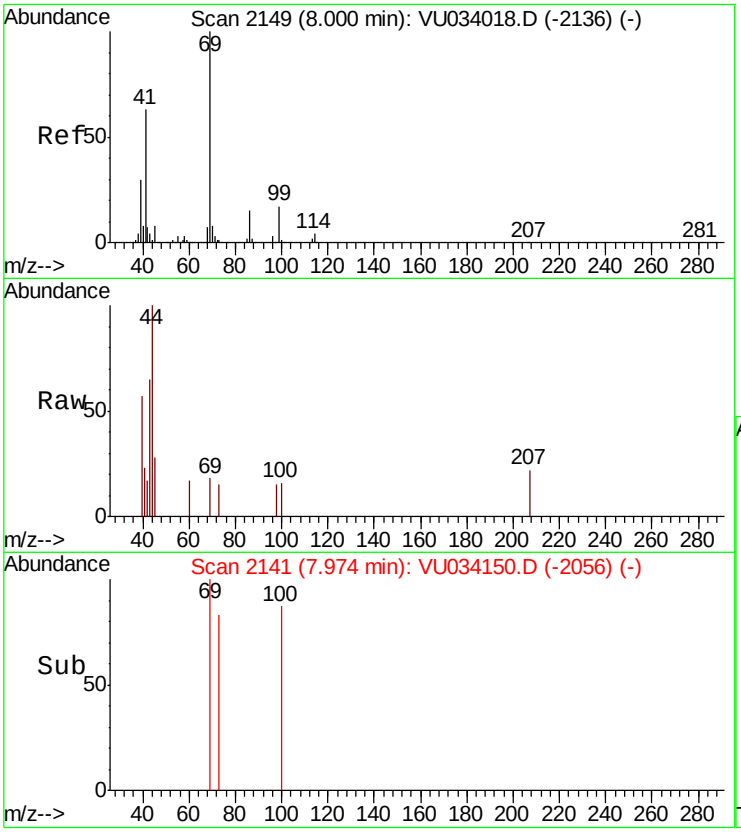


#54
cis-1,3-Dichloropropene
Concen: 3.653 ug/l
RT: 7.40 min Scan# 1964
Delta R.T. 0.16 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 75 Resp: 30842

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.2	37.8#
39	28.0	34.6	51.8#



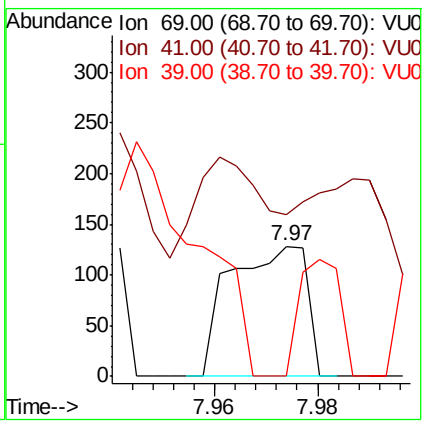


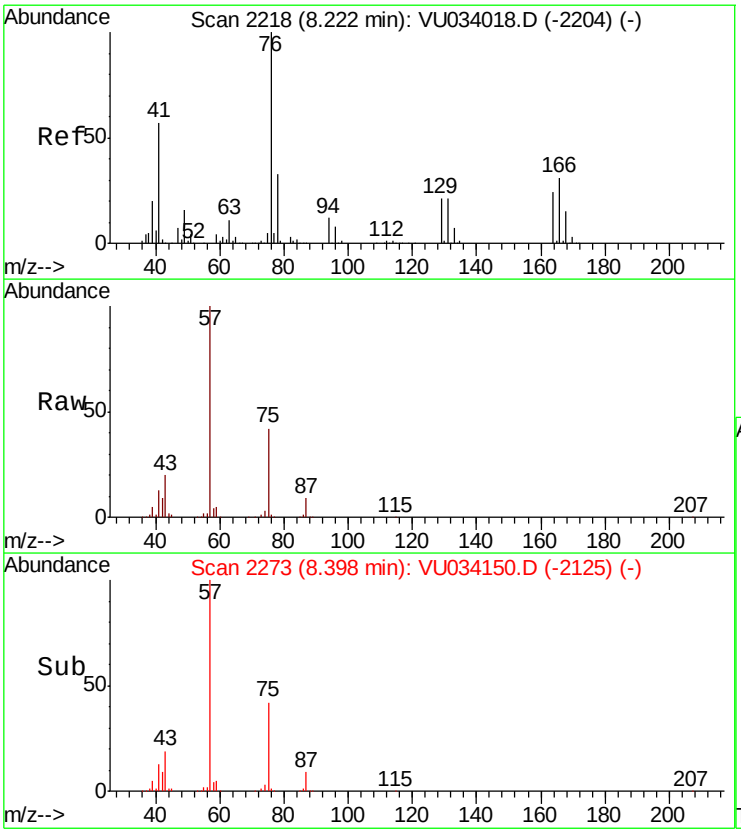
#56
Ethyl methacrylate
Concen: 0.986 ug/l
RT: 7.97 min Scan# 2141
Delta R.T. -0.03 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument : MSVOA_U
ClientSampleId : T9-12-13-F3-(1.9)

Tgt Ion: 69 Resp: 131

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

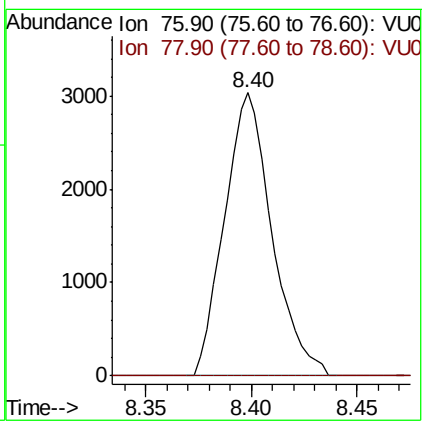


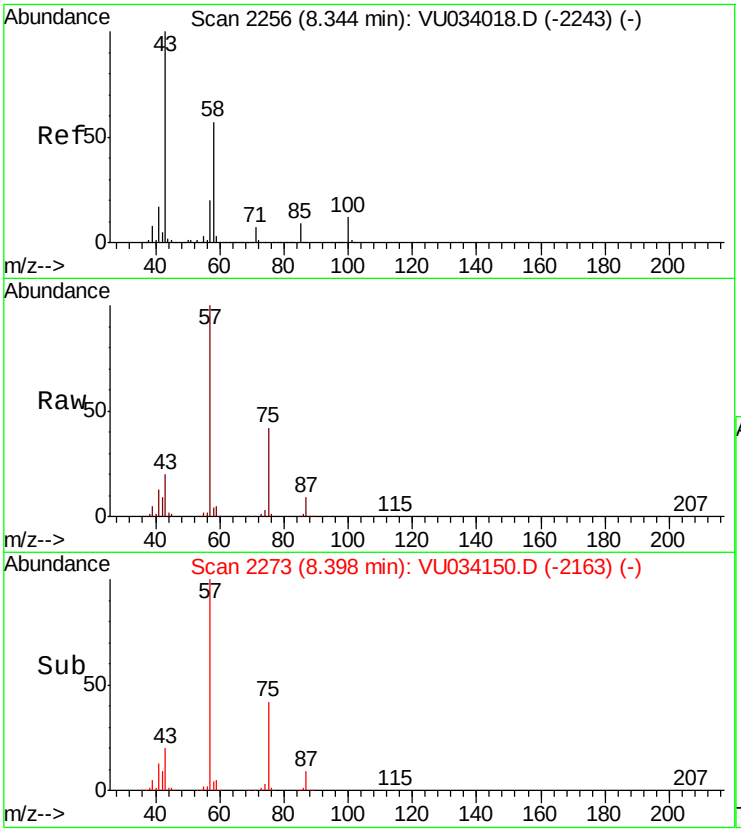


#57
1,3-Dichloropropane
Concen: 0.532 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.18 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 76 Resp: 4728

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#



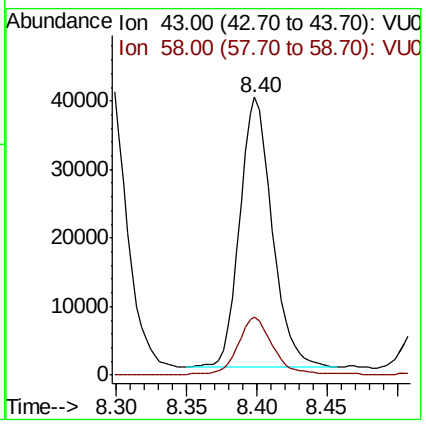


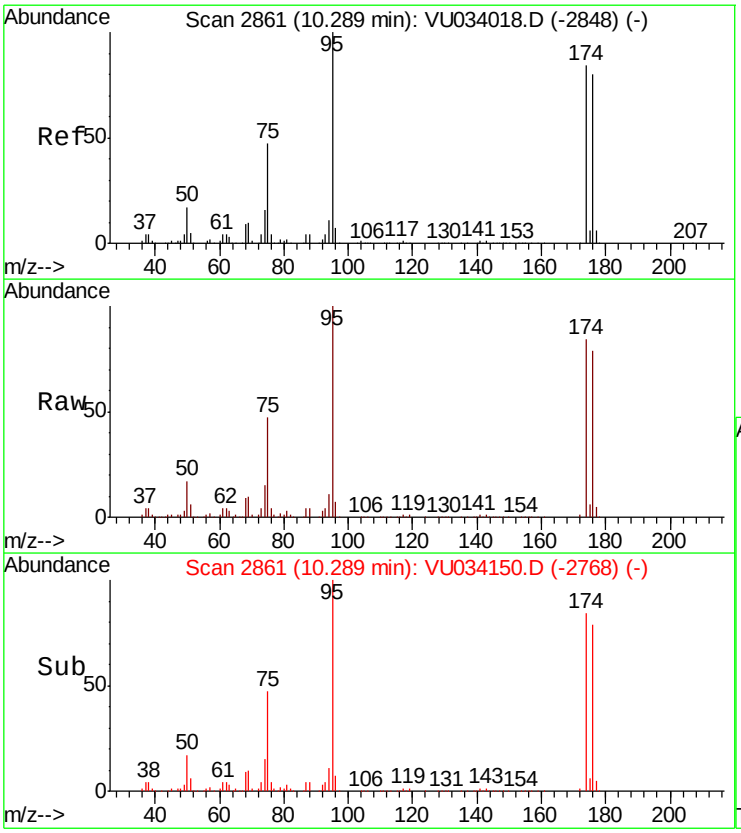
#59
2-Hexanone
Concen: 10.792 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument : MSVOA_U
ClientSampleId : T9-12-13-F3-(1.9)

Tgt Ion: 43 Resp: 63588

Ion	Ratio	Lower	Upper
43	100		
58	24.1	28.4	85.3#

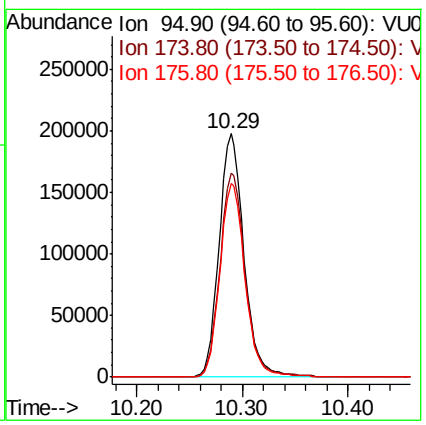


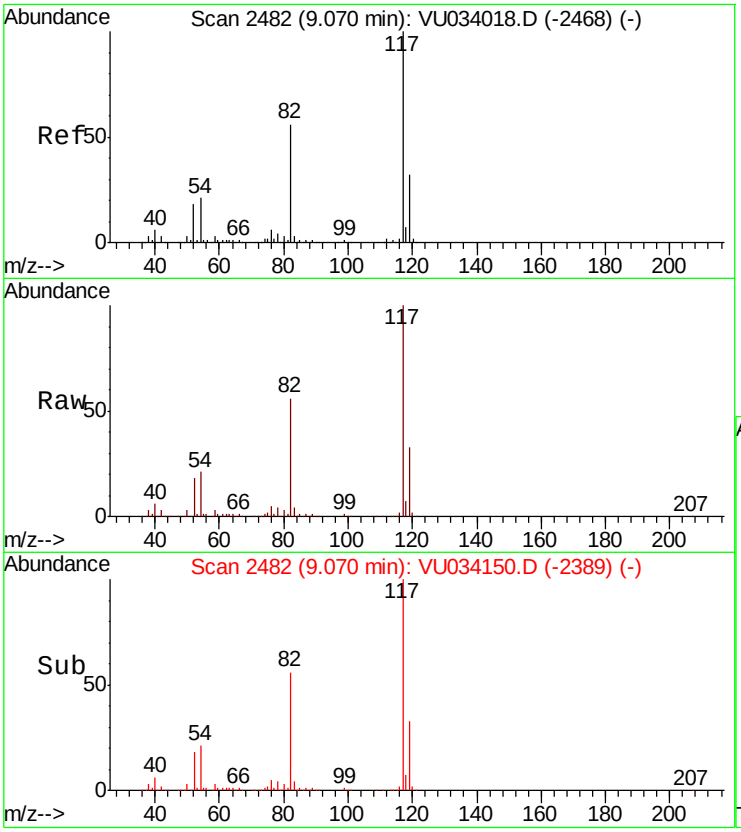


#62
4-Bromofluorobenzene
Concen: 45.551 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 95 Resp: 322736

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	168.8
176	80.4	0.0	161.8



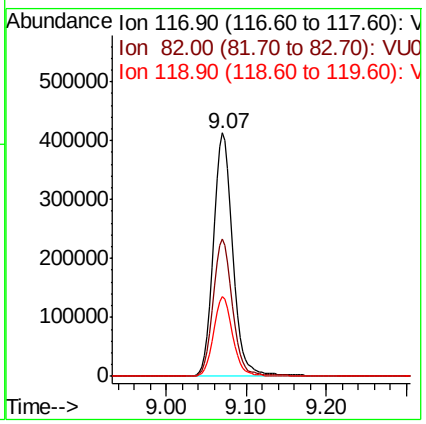


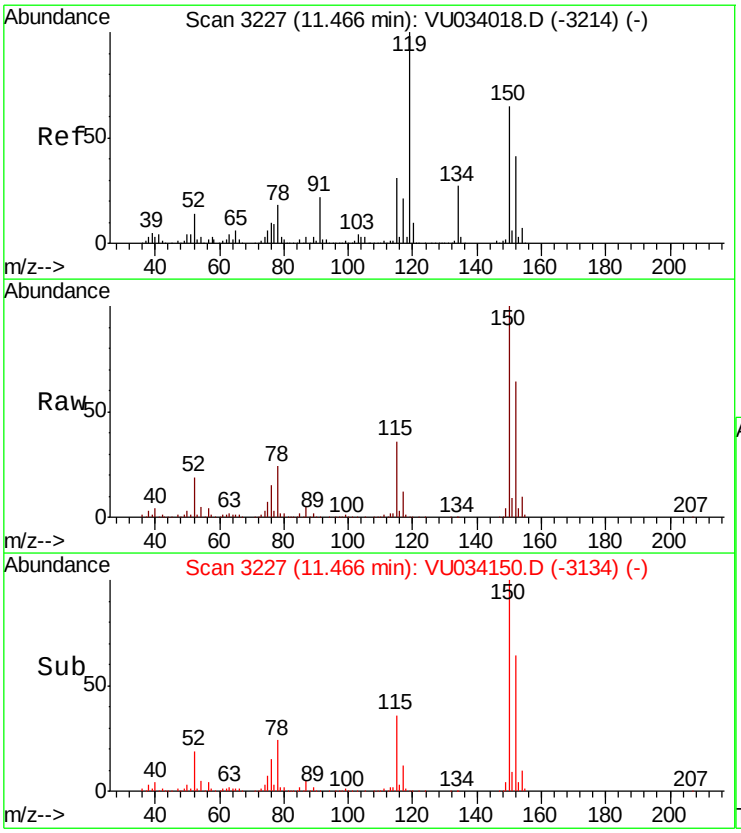
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument : MSVOA_U
ClientSampleId : T9-12-13-F3-(1.9)

Tgt Ion:117 Resp: 700674

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.1	67.7
119	32.5	25.4	38.0

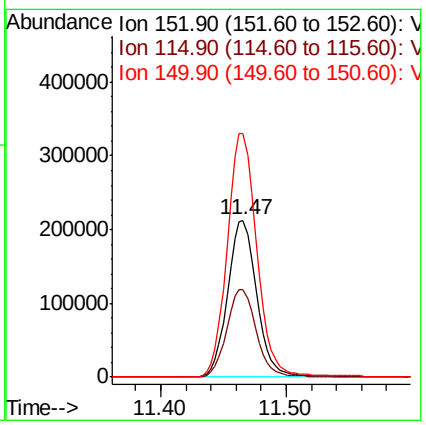


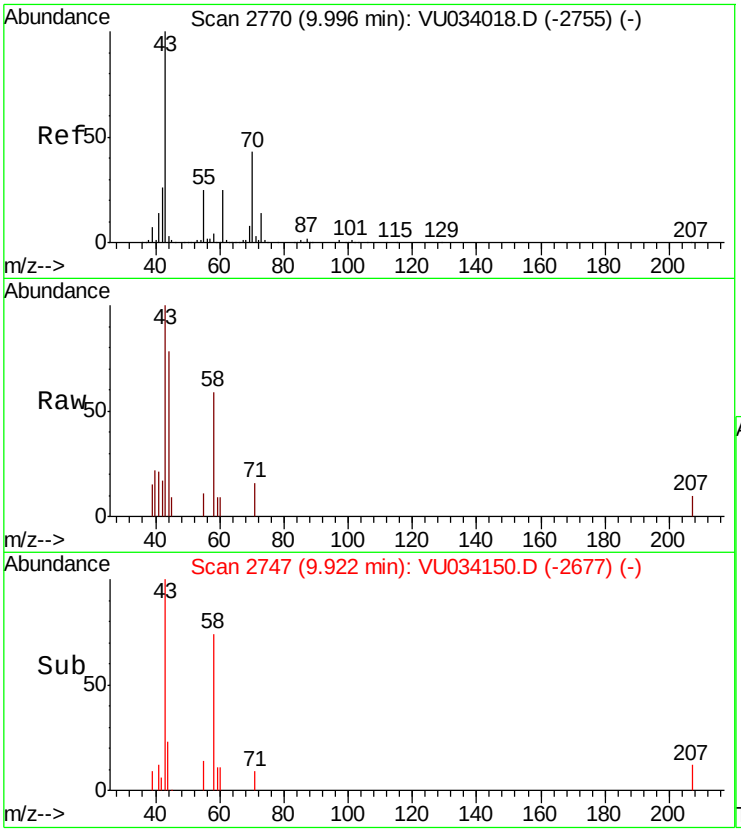


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion:152 Resp: 343405

Ion	Ratio	Lower	Upper
152	100		
115	57.2	41.1	123.3
150	158.3	0.0	348.8



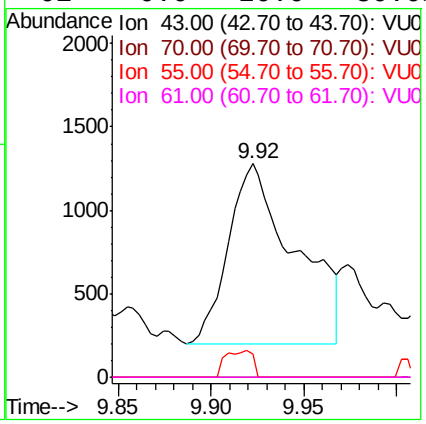


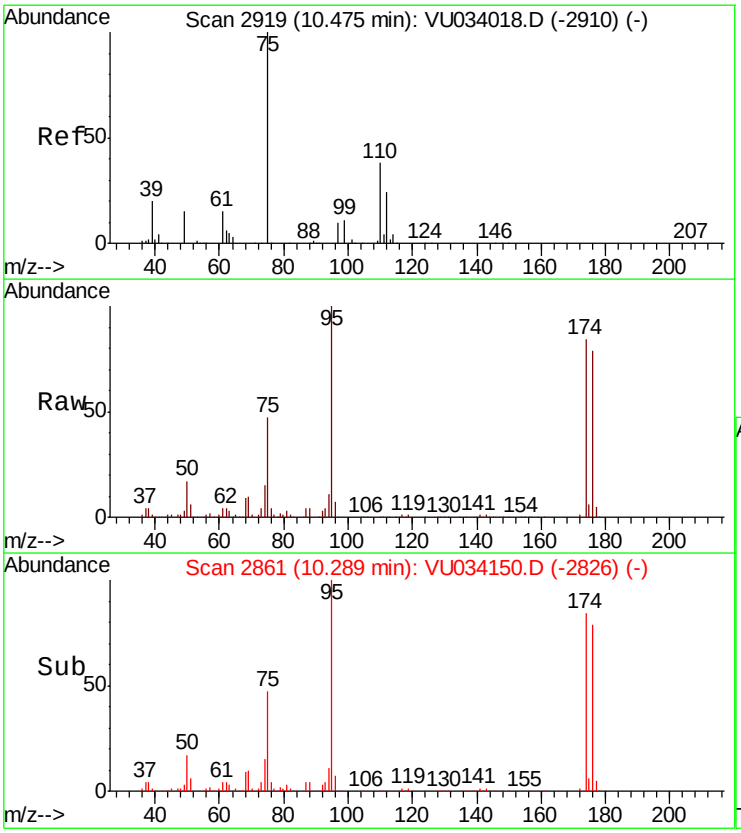
#74
N-amyl acetate
Concen: 0.278 ug/l
RT: 9.92 min Scan# 2747
Delta R.T. -0.07 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument : MSVOA_U
ClientSampleId : T9-12-13-F3-(1.9)

Tgt Ion: 43 Resp: 2694

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.2	52.8#
55	6.0	20.5	30.7#
61	0.0	20.0	30.0#

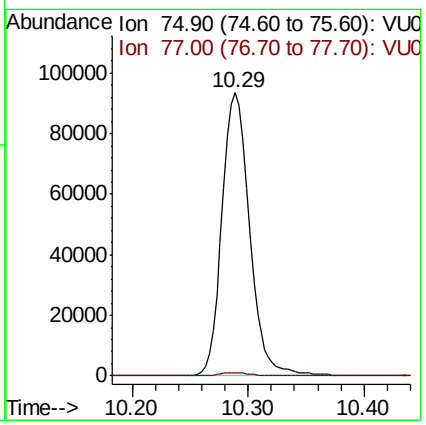


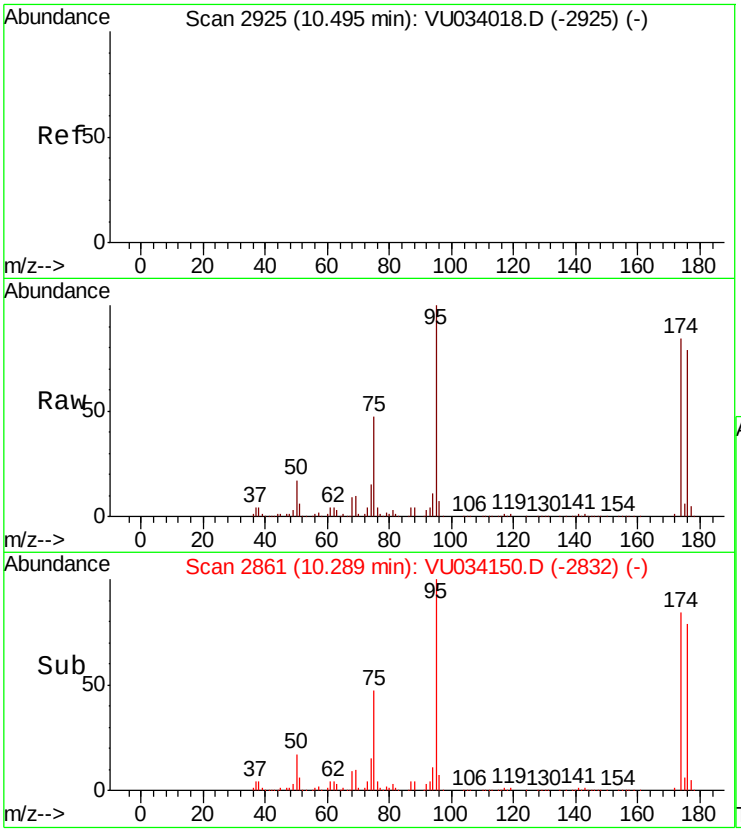


#76
1,2,3-Trichloropropane
Concen: 19.944 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 75 Resp: 154358

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.1	60.2#



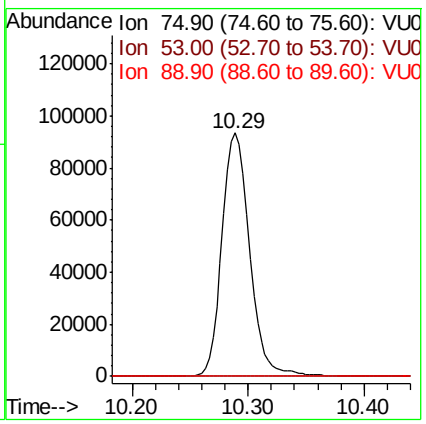


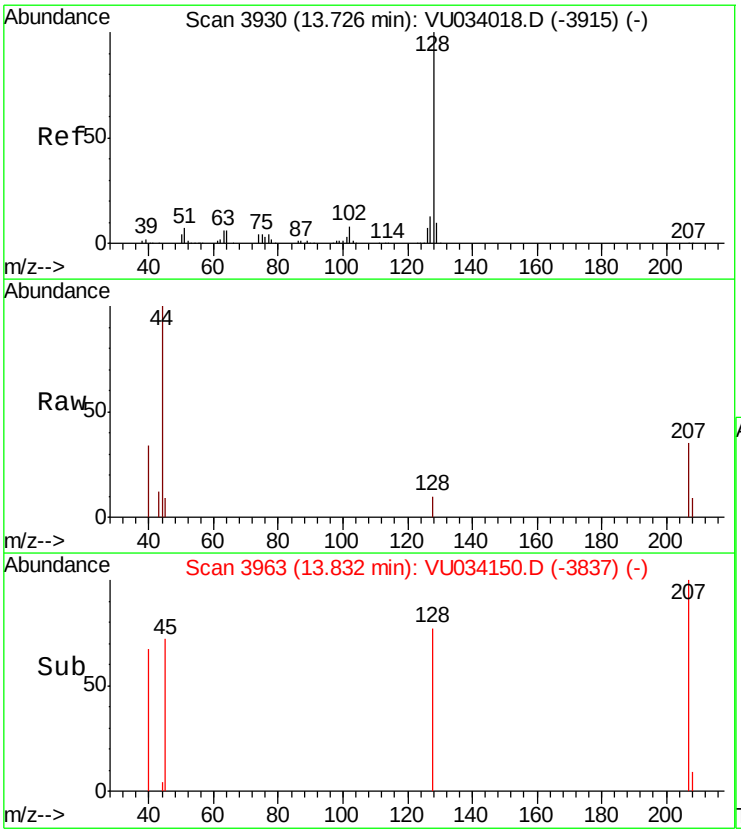
#81
trans-1,4-Dichloro-2-butene
Concen: 67.155 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.21 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Tgt Ion: 75 Resp: 154358

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





#95
Naphthalene
Concen: 1.793 ug/l
RT: 13.83 min Scan# 3963
Delta R.T. 0.11 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion:128 Resp: 74

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