Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

Quantitation Report (Not Reviewed)

Data File : VU029258.D
Acq On : 21 Jan 2019 18:56
Operator : JC/SP
Sample : K1009-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Quant Time: Jan 22 01:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114463	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	200903	50.00 ug/l	0.00
63) Chlorobenzene-d5	9.09	117	190758	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75872	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.31	65	78421	55.42 ug/l	0.00
Spiked Amount 50.000			Recovery = 110.84%		
35) Dibromofluoromethane	4.88	113	68144	52.33 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.66%		
50) Toluene-d8	7.56	98	264107	51.37 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.74%		
62) 4-Bromofluorobenzene	10.30	95	83112	44.98 ug/l	0.00
Spiked Amount 50.000			Recovery = 89.96%		
Target Compounds					Qvalue
3) Chloromethane	1.33	50	681	Below Cal	94
16) Acetone	2.32	43	33347	37.410 ug/l	96
17) Carbon Disulfide	2.48	76	615	Below Cal #	75
18) Methyl Acetate	2.62	43	1879	0.907 ug/l #	85
20) Methylene Chloride	2.70	84	8576	5.667 ug/l	96
25) 2-Butanone	4.29	43	506	0.420 ug/l #	89
29) Tetrahydrofuran	4.65	42	208	0.285 ug/l #	30
31) Cyclohexane	4.99	56	2163	Below Cal #	1
36) 1,1-Dichloropropene	4.98	75	8483	4.224 ug/l #	47
37) Ethyl Acetate	4.29	43	506	0.230 ug/l #	66
38) Carbon Tetrachloride	4.98	117	10575	6.314 ug/l #	17
43) Isopropyl Acetate	5.55	43	6286	1.859 ug/l	98
45) 1,2-Dichloropropane	6.70	63	451	0.273 ug/l #	43
48) Methyl methacrylate	6.70	41	33614	20.416 ug/l #	36
51) 4-Methyl-2-Pentanone	7.42	43	34165	14.847 ug/l #	45
52) Toluene	7.63	92	917	0.240 ug/l	99
54) cis-1,3-Dichloropropene	7.42	75	19258	7.620 ug/l #	59
57) 1,3-Dichloropropane	8.41	76	3413	1.306 ug/l #	42
59) 2-Hexanone	8.31	43	6323	3.500 ug/l #	21
68) m/p-Xylenes	9.38	106	1985	0.716 ug/l	85
69) o-Xylene	9.78	106	987	0.369 ug/l	99
74) N-amyl acetate	9.76	43	4318	1.784 ug/l #	46
76) 1,2,3-Trichloropropane	10.30	75	40256	21.655 ug/l #	35
80) 1,3,5-Trimethylbenzene	10.77	105	1459	0.311 ug/l	91
81) trans-1,4-Dichloro-2-buten	10.30	75	40256	55.849 ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	5683	1.214 ug/l	95
85) sec-Butylbenzene	11.15	105	5683	1.017 ug/l #	57
95) Naphthalene	13.75	128	19417	3.307 ug/l	98

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

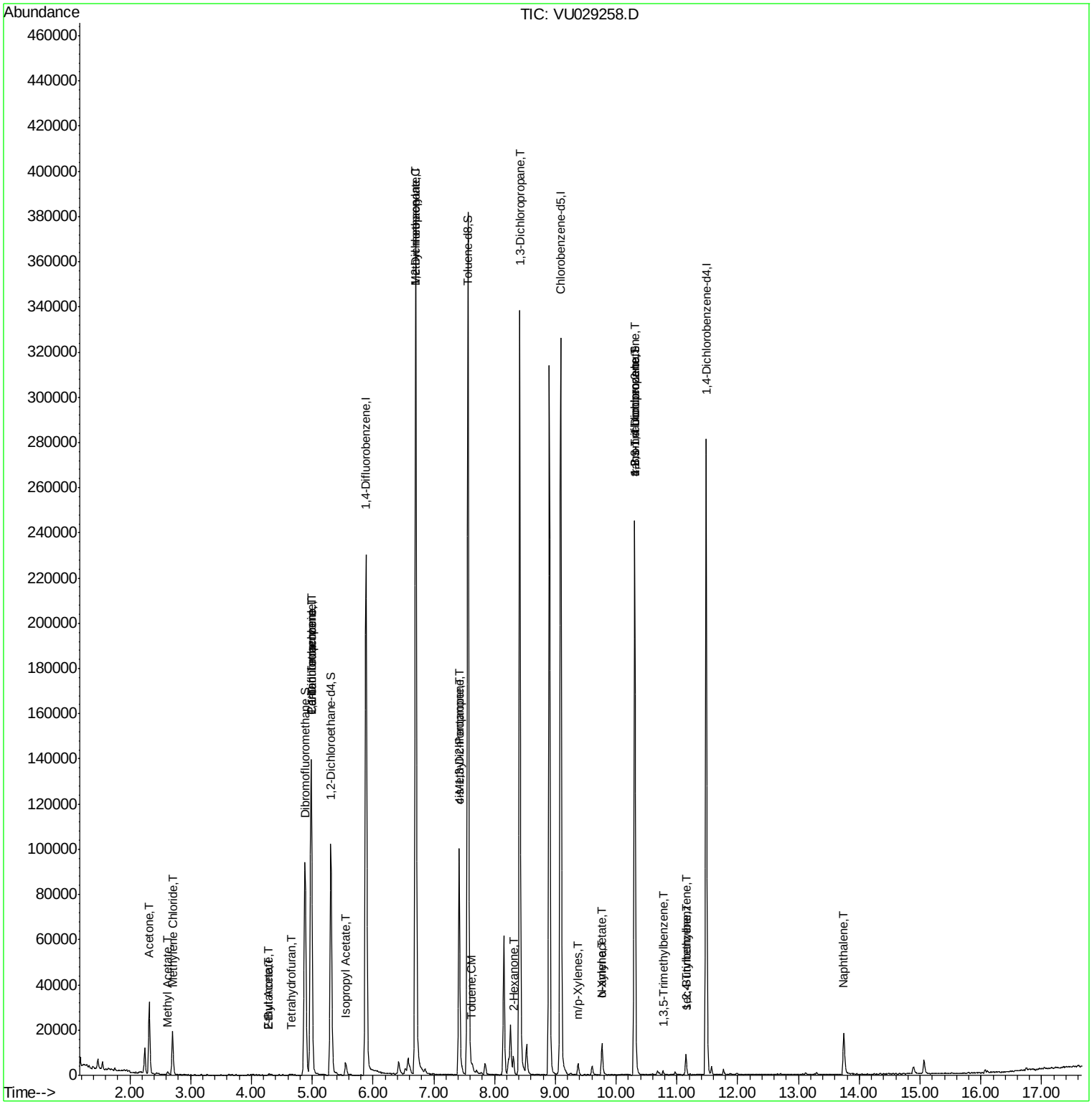
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

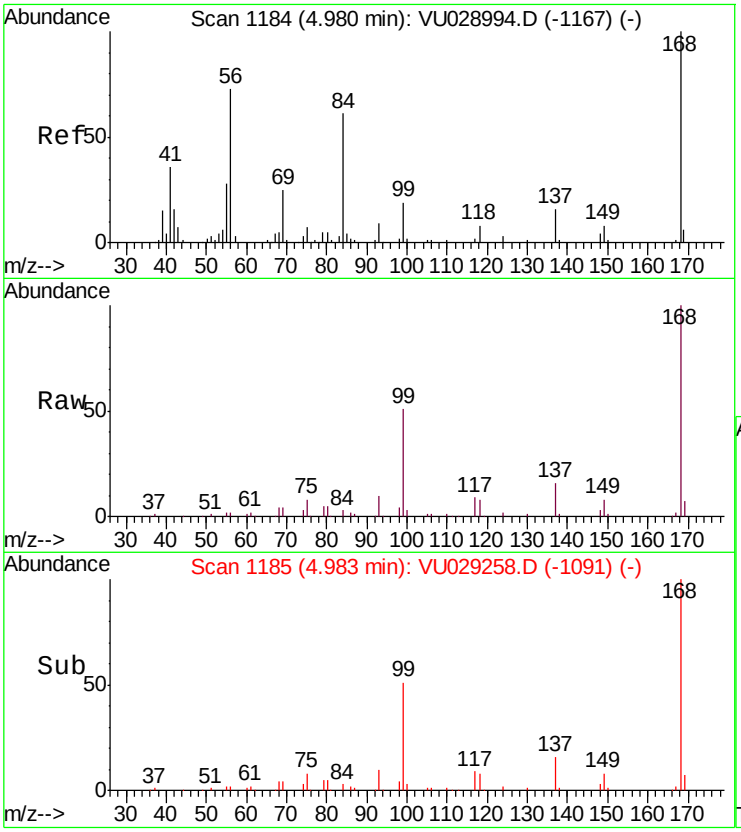
Quantitation Report (Not Reviewed)

Data File : VU029258.D
Acq On : 21 Jan 2019 18:56
Operator : JC/SP
Sample : K1009-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Quant Time: Jan 22 01:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration



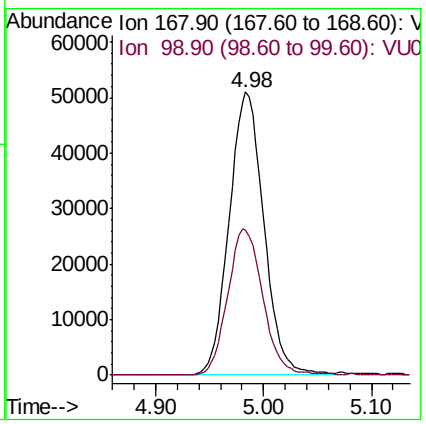


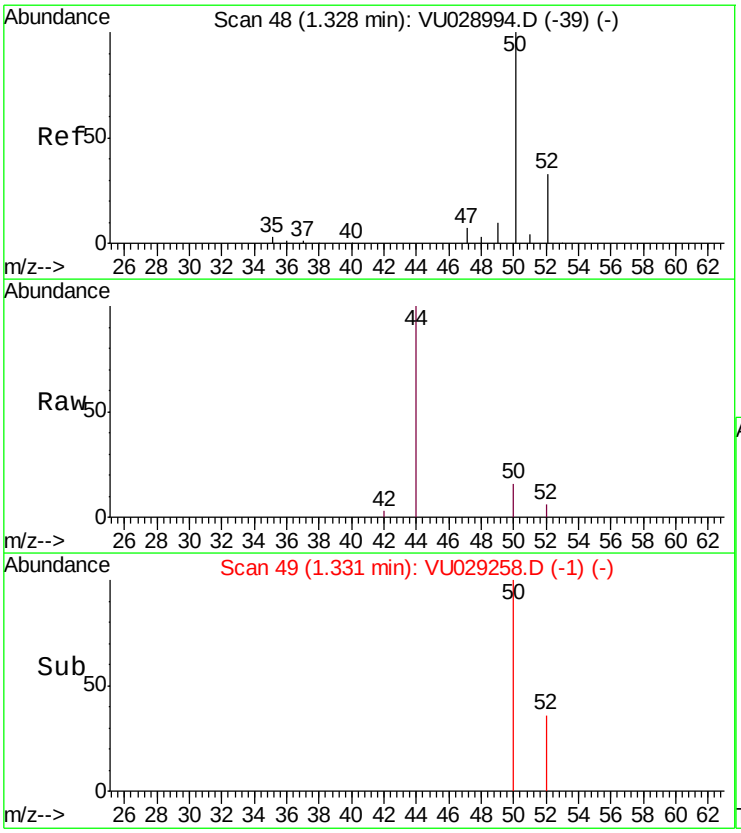
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion:168 Resp: 114463

Ion	Ratio	Lower	Upper
168	100		
99	51.4	42.0	63.0

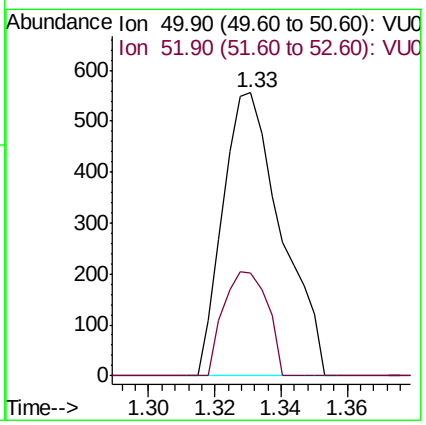


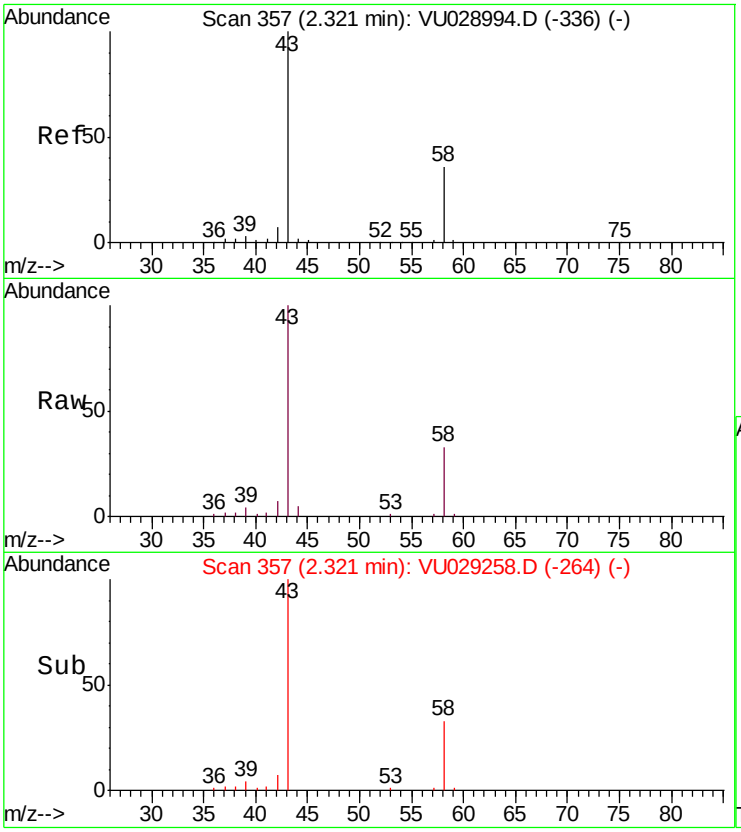


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 50 Resp: 681

Ion	Ratio	Lower	Upper
50	100		
52	36.2	26.1	39.1



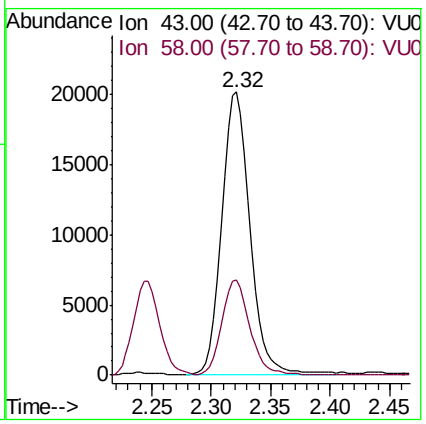


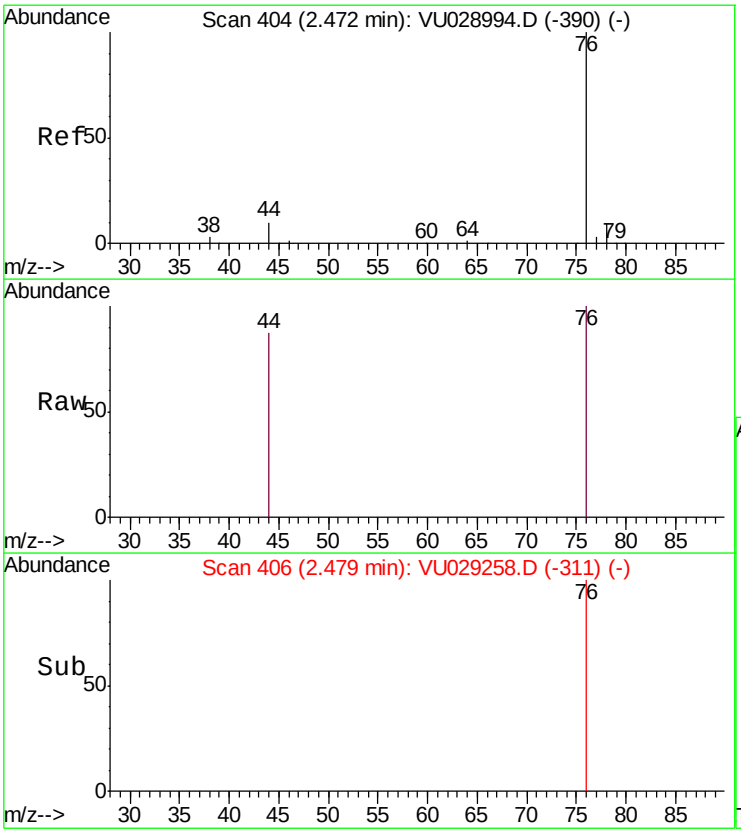
#16
Acetone
Concen: 37.410 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion: 43 Resp: 33347

Ion	Ratio	Lower	Upper
43	100		
58	33.4	28.6	42.8

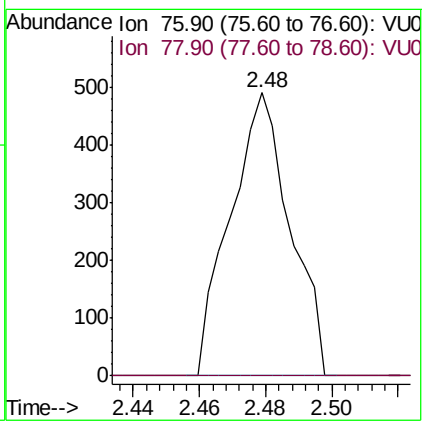


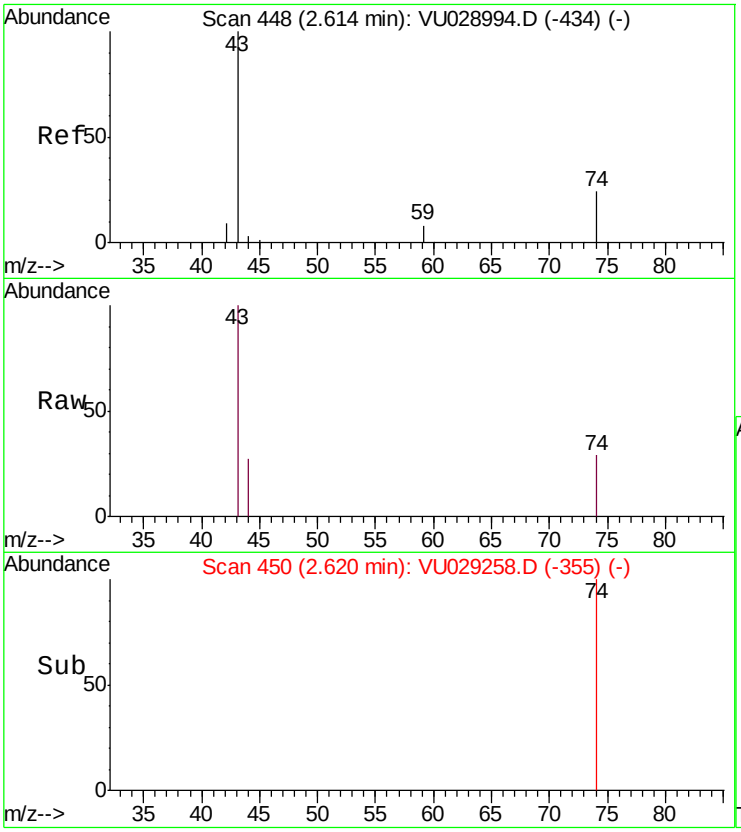


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 76 Resp: 615

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



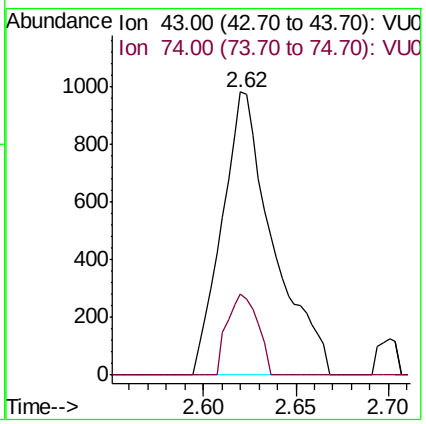


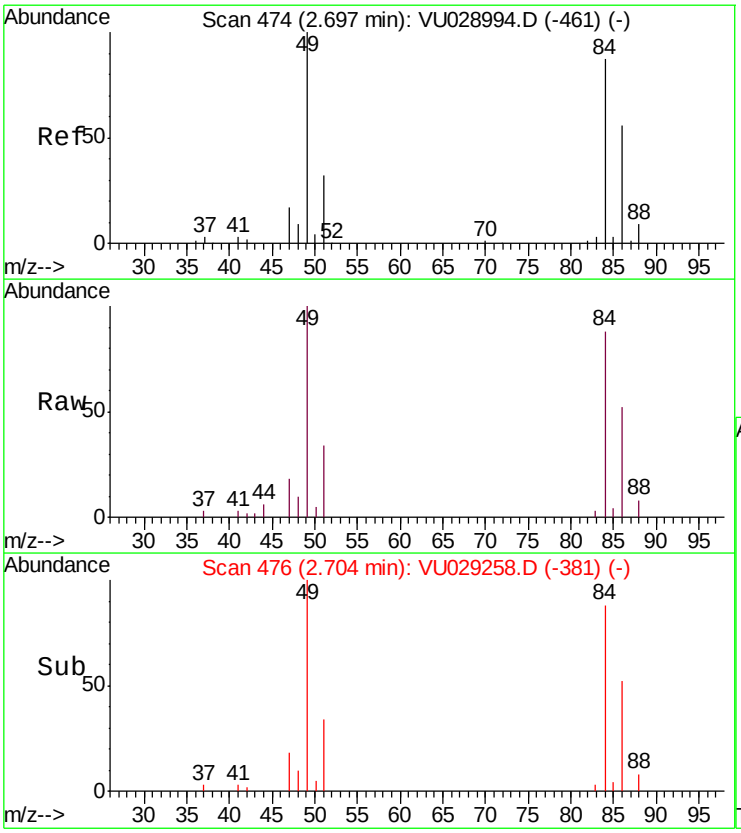
#18
Methyl Acetate
Concen: 0.907 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion: 43 Resp: 1879

Ion	Ratio	Lower	Upper
43	100		
74	17.0	19.5	29.3#

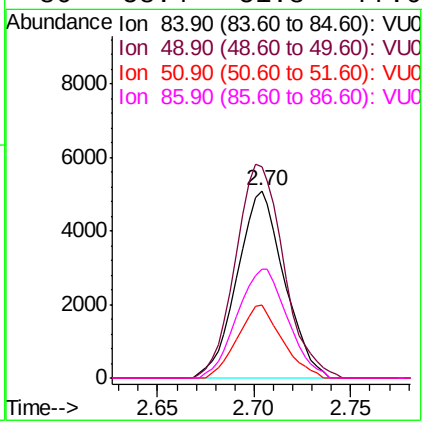


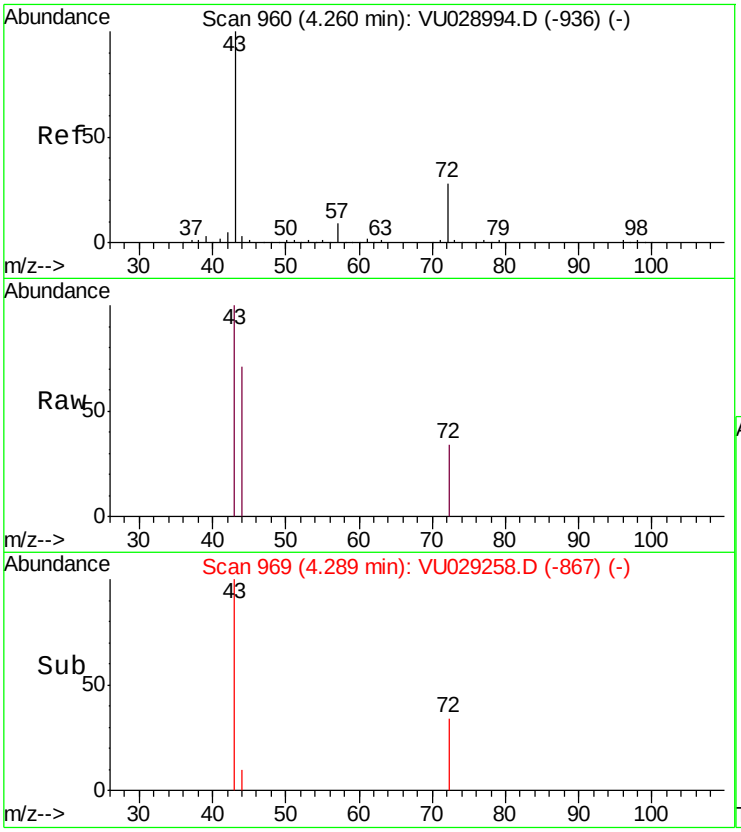


#20
Methylene Chloride
Concen: 5.667 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 84 Resp: 8576

Ion	Ratio	Lower	Upper
84	100		
49	113.0	91.9	137.9
51	38.9	29.2	43.8
86	58.4	51.8	77.6



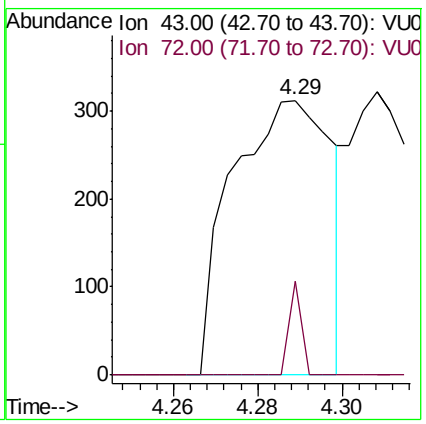


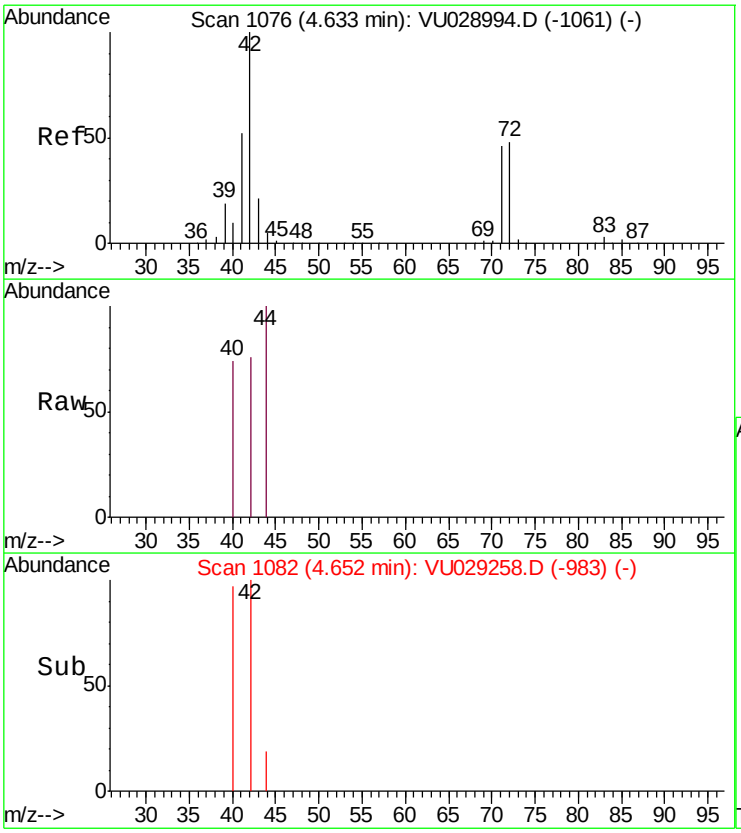
#25
2-Butanone
Concen: 0.420 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion: 43 Resp: 506

Ion	Ratio	Lower	Upper
43	100		
72	34.0	22.6	33.8#

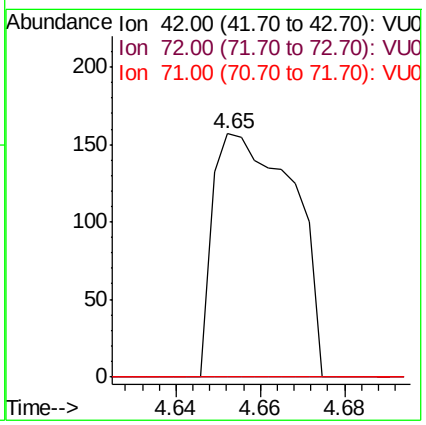


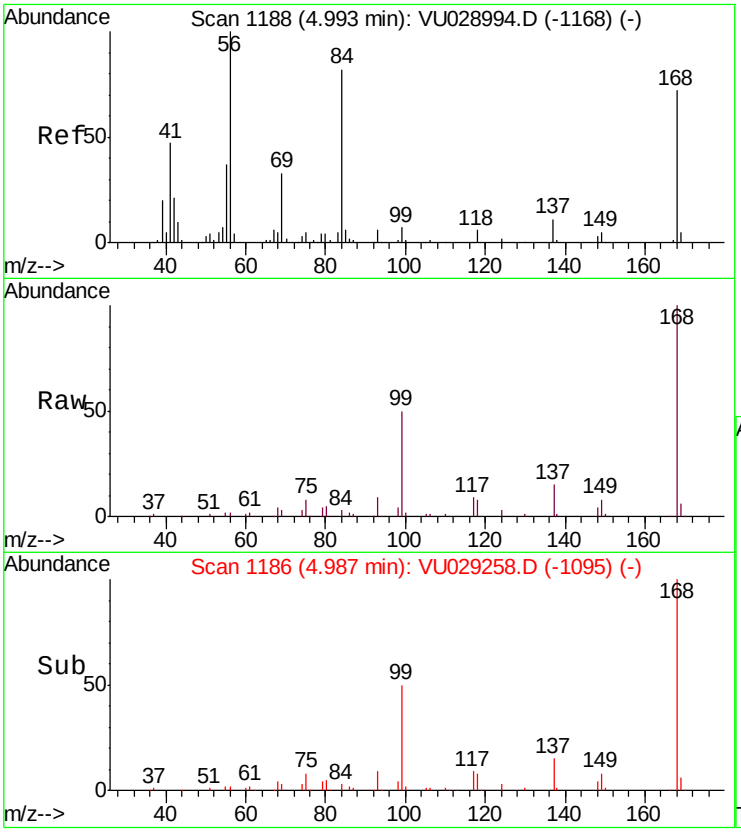


#29
Tetrahydrofuran
Concen: 0.285 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 42 Resp: 208

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.3	57.5#
71	0.0	36.1	54.1#



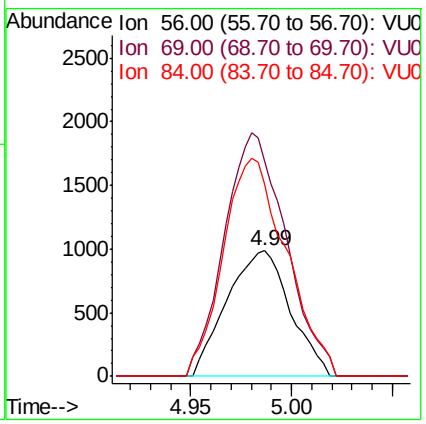


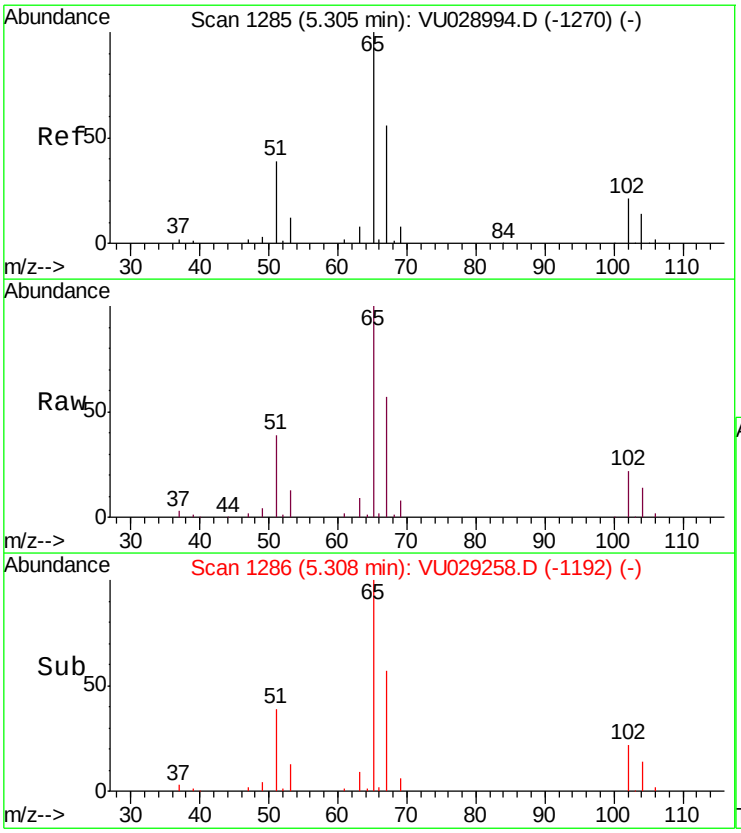
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion: 56 Resp: 2163

Ion	Ratio	Lower	Upper
56	100		
69	171.2	26.7	40.1#
84	152.7	65.7	98.5#

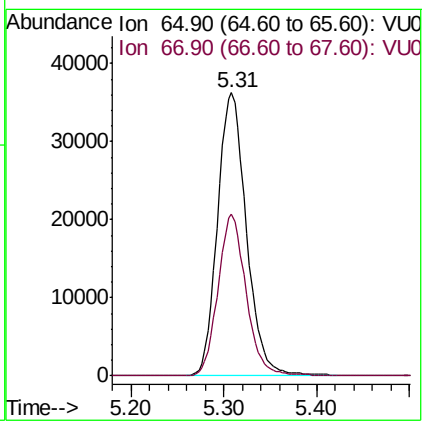


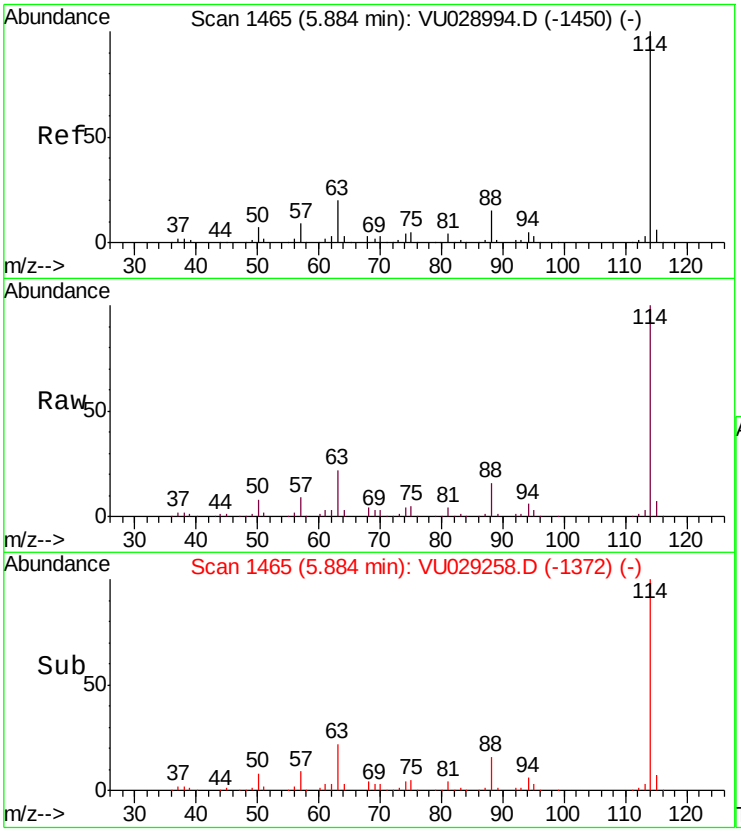


#33
1,2-Dichloroethane-d4
Concen: 55.422 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 65 Resp: 78421

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	111.0



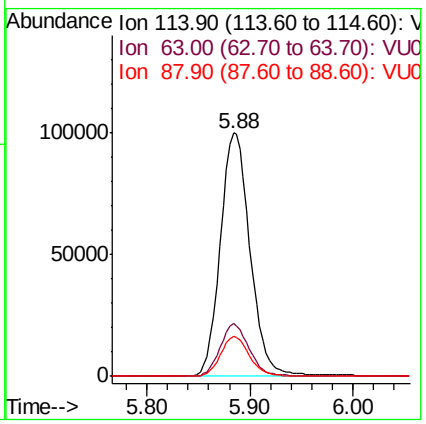


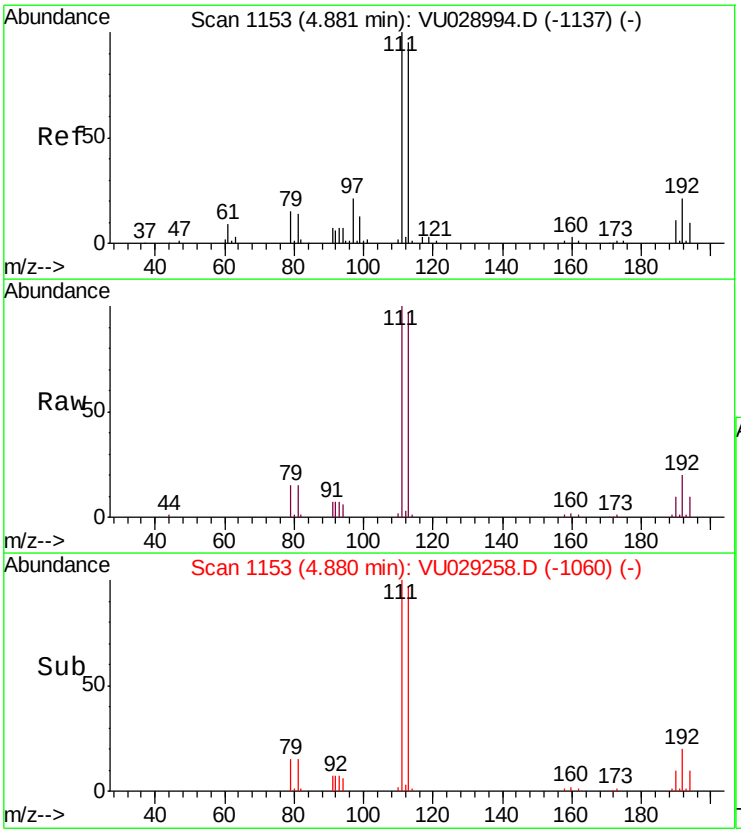
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion:114 Resp: 200903

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.2
88	16.4	0.0	30.4

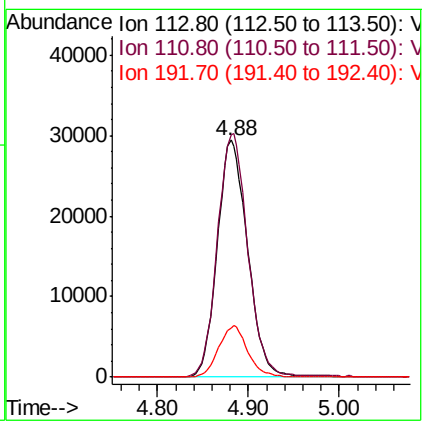


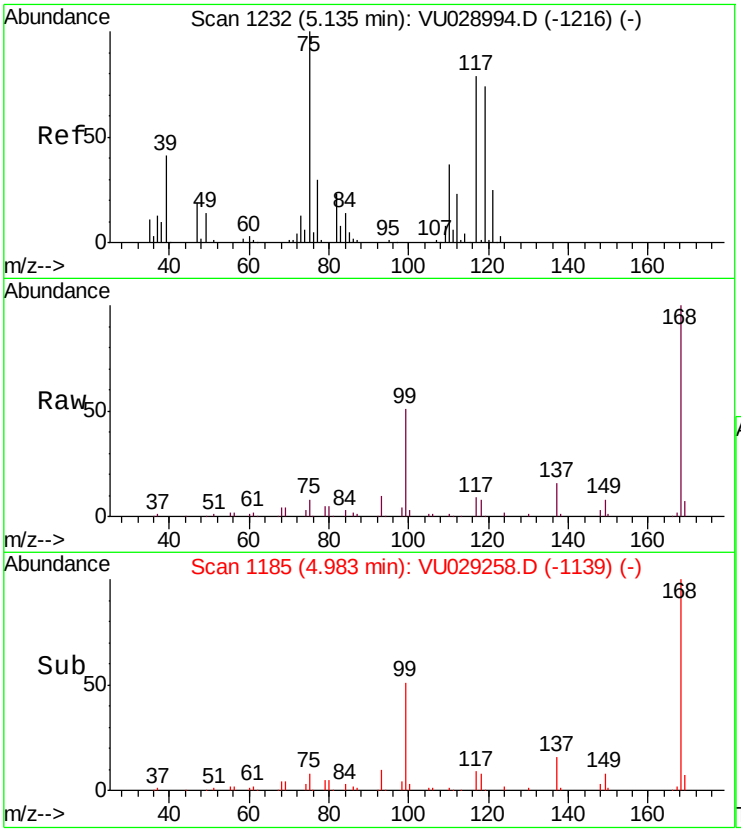


#35
Dibromofluoromethane
Concen: 52.325 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion:113 Resp: 68144

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.2
192	20.6	16.8	25.2



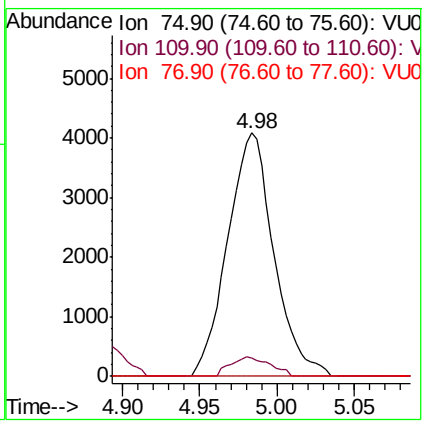


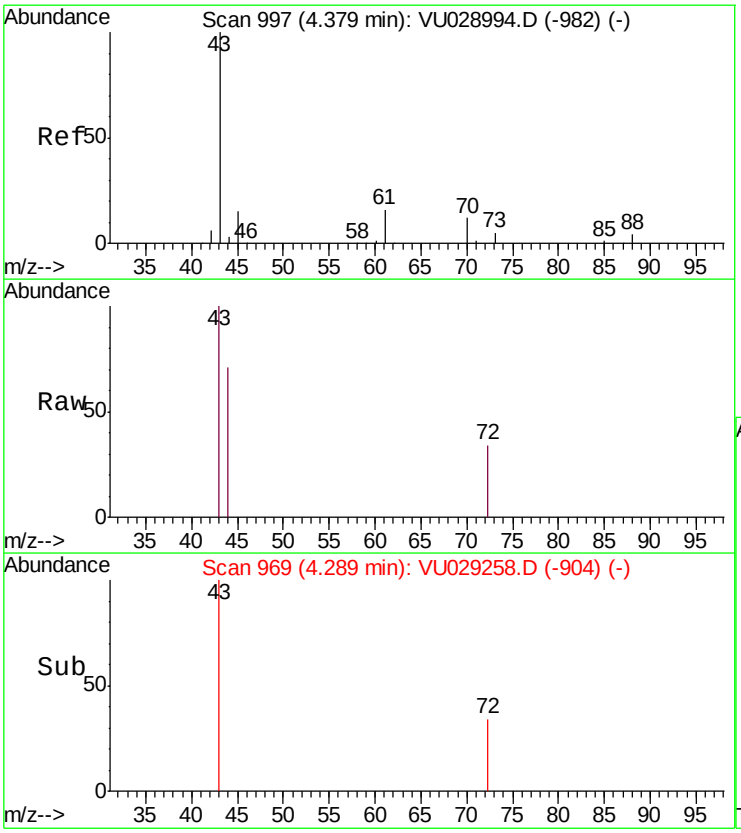
#36
1,1-Dichloropropene
Concen: 4.224 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion: 75 Resp: 8483

Ion	Ratio	Lower	Upper
75	100		
110	6.8	18.4	55.4#
77	0.0	25.1	37.7#

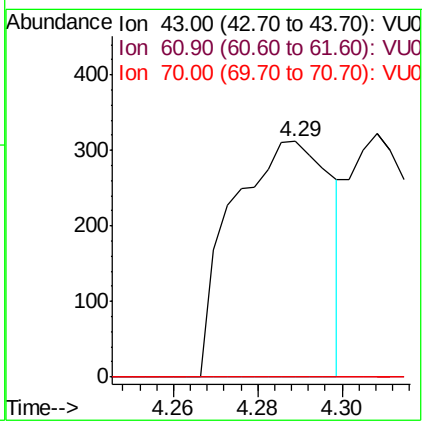


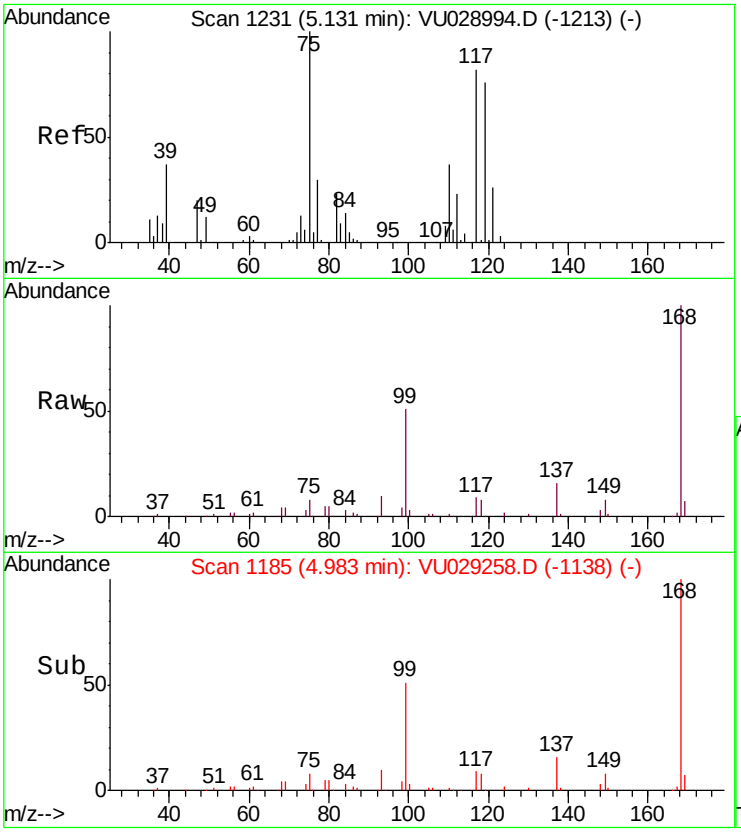


#37
Ethyl Acetate
Concen: 0.230 ug/l
RT: 4.29 min Scan# 969
Delta R.T. -0.09 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 506

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	18.8#
70	0.0	9.3	13.9#



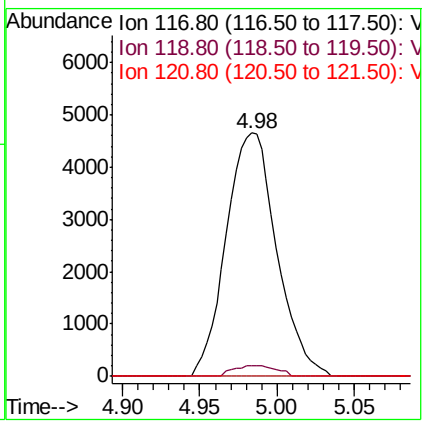


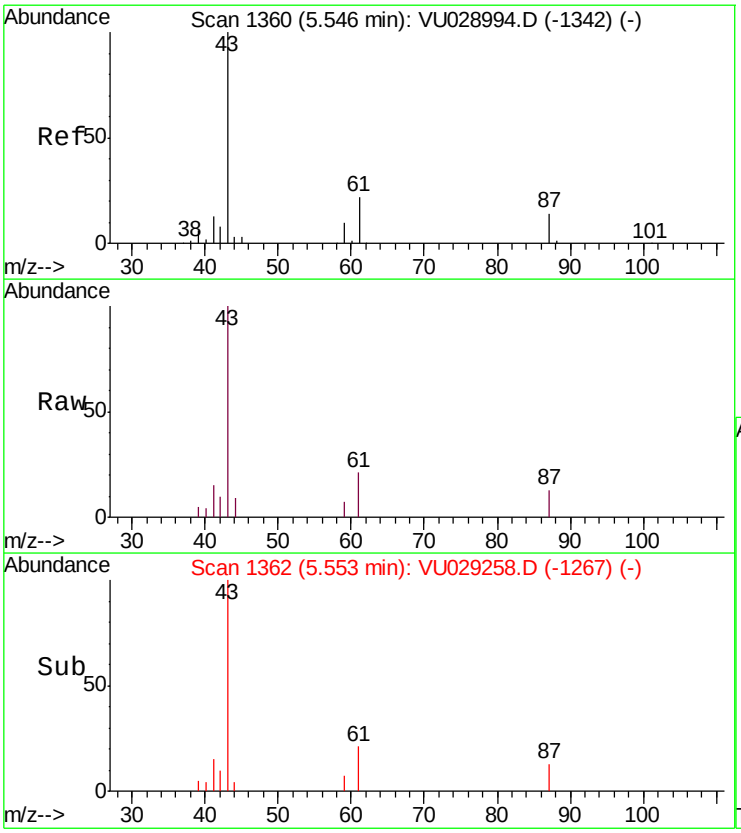
#38
Carbon Tetrachloride
Concen: 6.314 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion:117 Resp: 10575

Ion	Ratio	Lower	Upper
117	100		
119	4.5	74.6	111.8#
121	0.0	25.0	37.6#

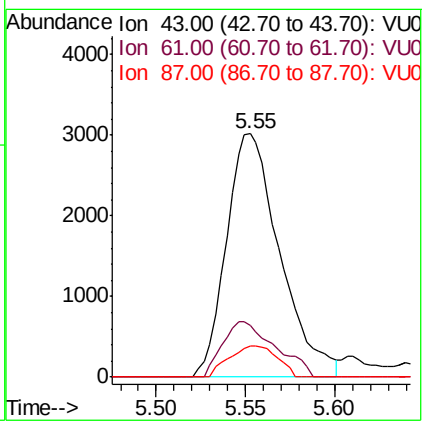


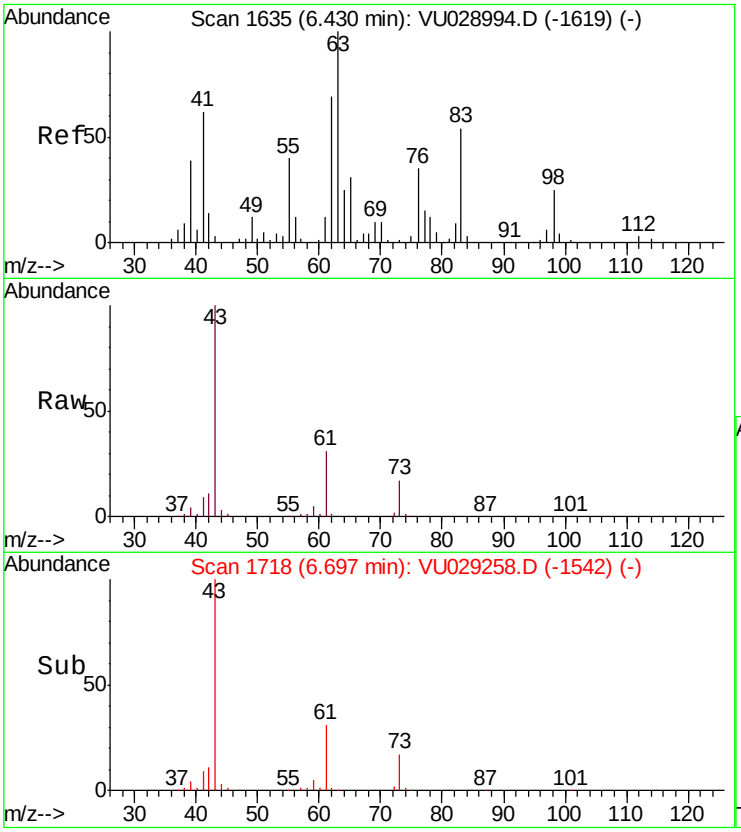


#43
Isopropyl Acetate
Concen: 1.859 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 6286

Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.8	26.6
87	11.7	11.3	16.9



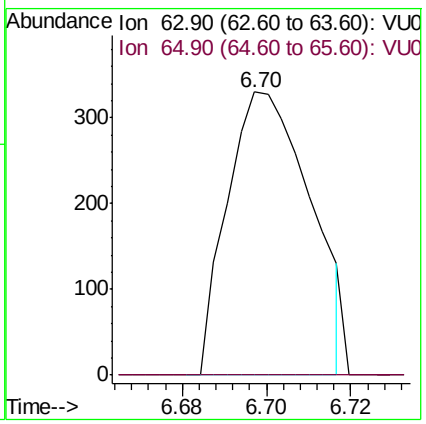


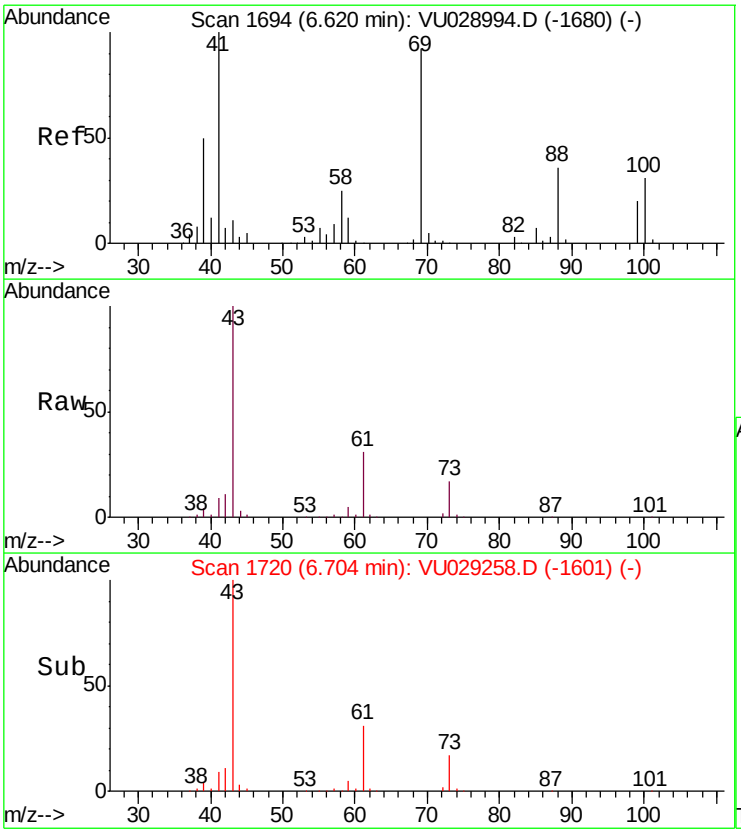
#45
1,2-Dichloropropane
Concen: 0.273 ug/l
RT: 6.70 min Scan# 1718
Delta R.T. 0.27 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion: 63 Resp: 451

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#

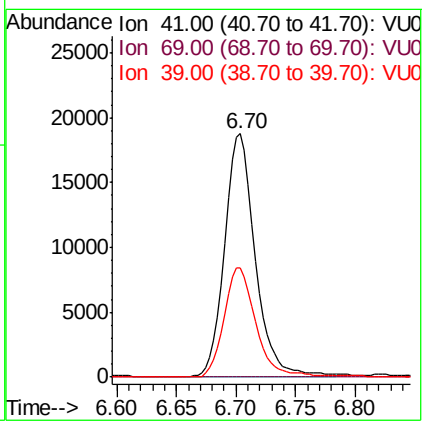


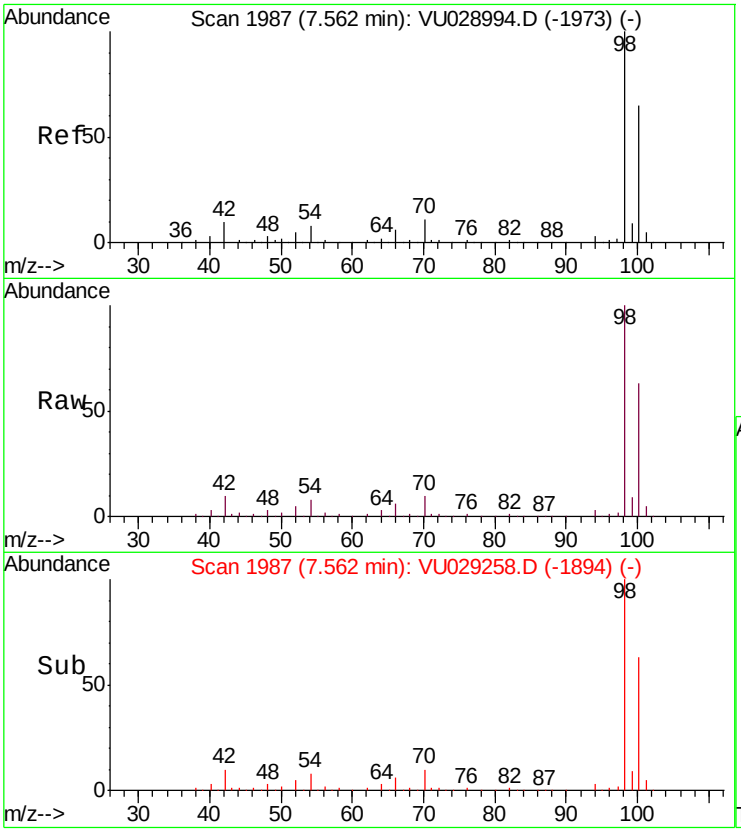


#48
Methyl methacrylate
Concen: 20.416 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.08 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 41 Resp: 33614

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.6	110.4#
39	46.2	39.6	59.4



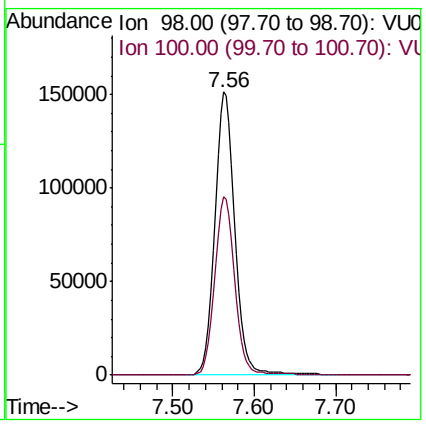


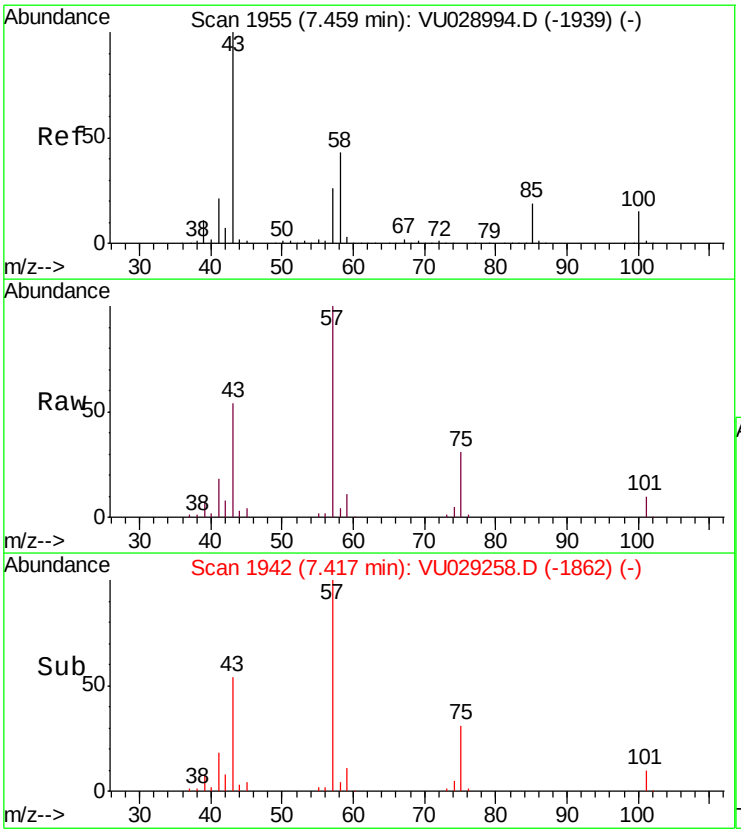
#50
Toluene-d8
Concen: 51.369 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion: 98 Resp: 264107

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.6	77.4

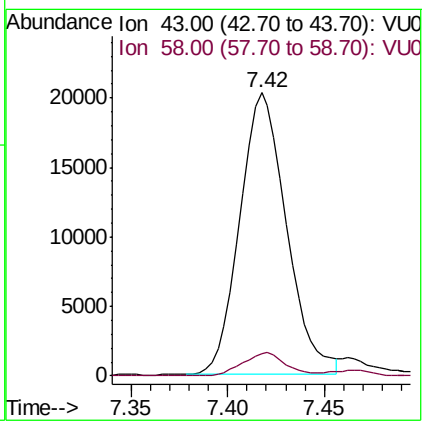


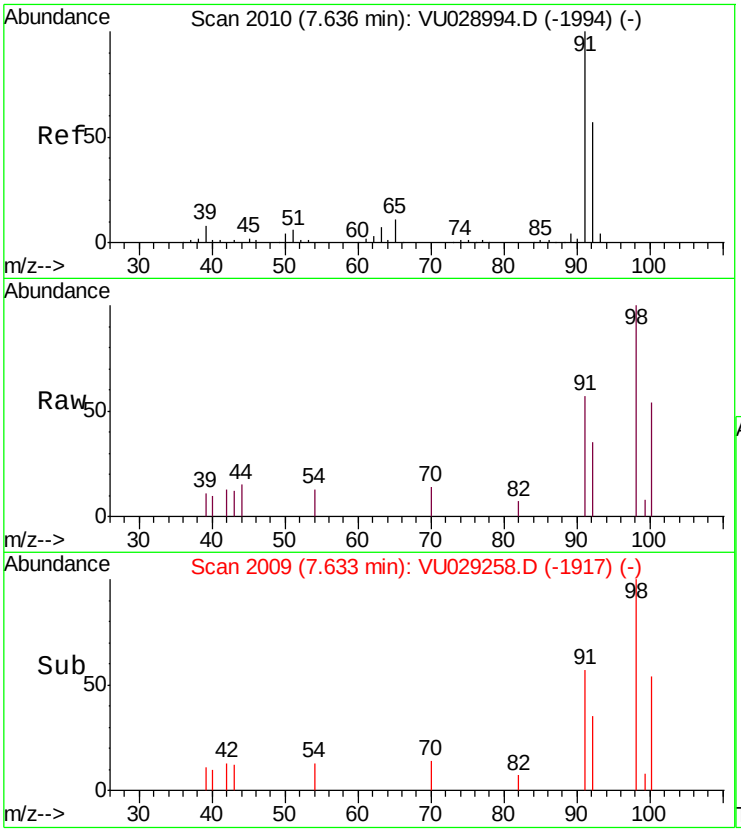


#51
4-Methyl-2-Pentanone
Concen: 14.847 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. -0.04 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 34165

Ion	Ratio	Lower	Upper
43	100		
58	7.7	33.9	50.9#



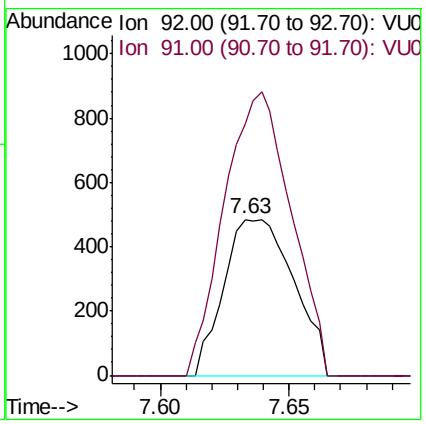


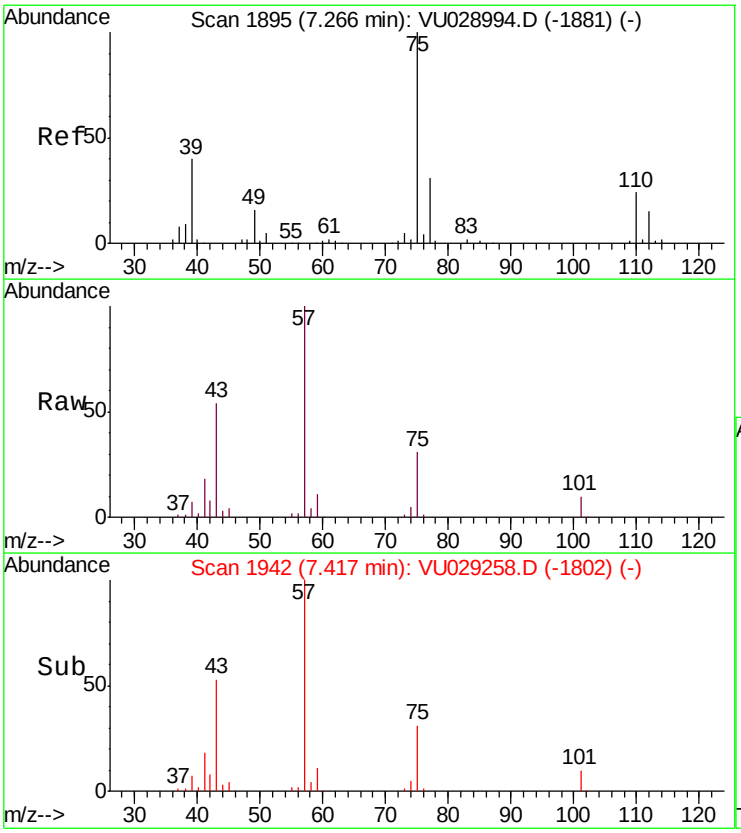
#52
Toluene
Concen: 0.240 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion: 92 Resp: 917

Ion	Ratio	Lower	Upper
92	100		
91	173.8	139.8	209.8

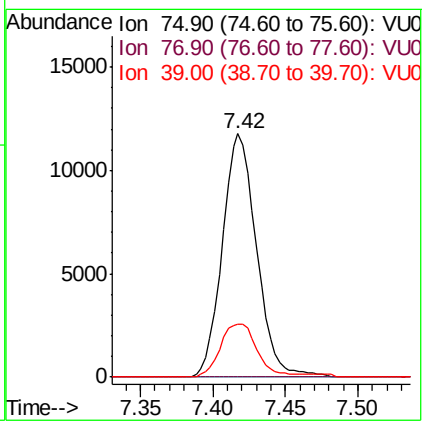


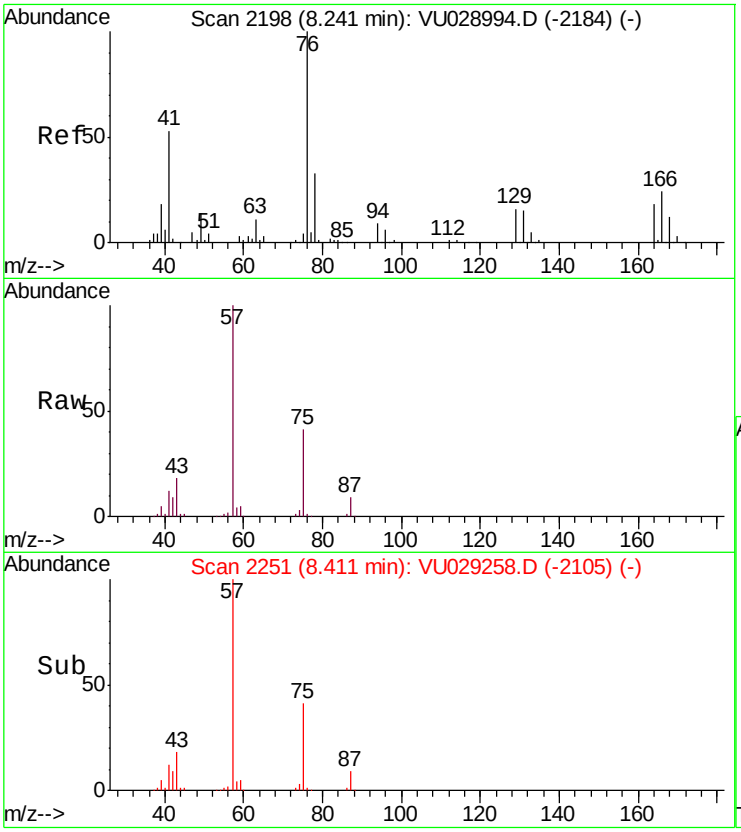


#54
cis-1,3-Dichloropropene
Concen: 7.620 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. 0.15 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 75 Resp: 19258

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	21.9	32.2	48.4#



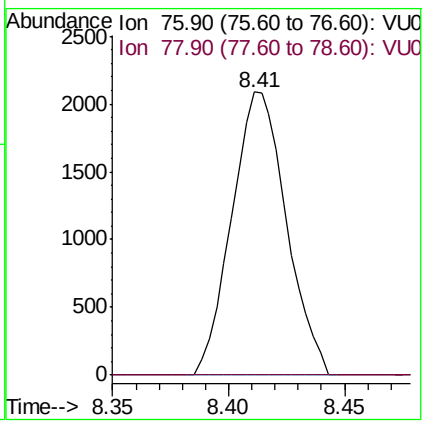


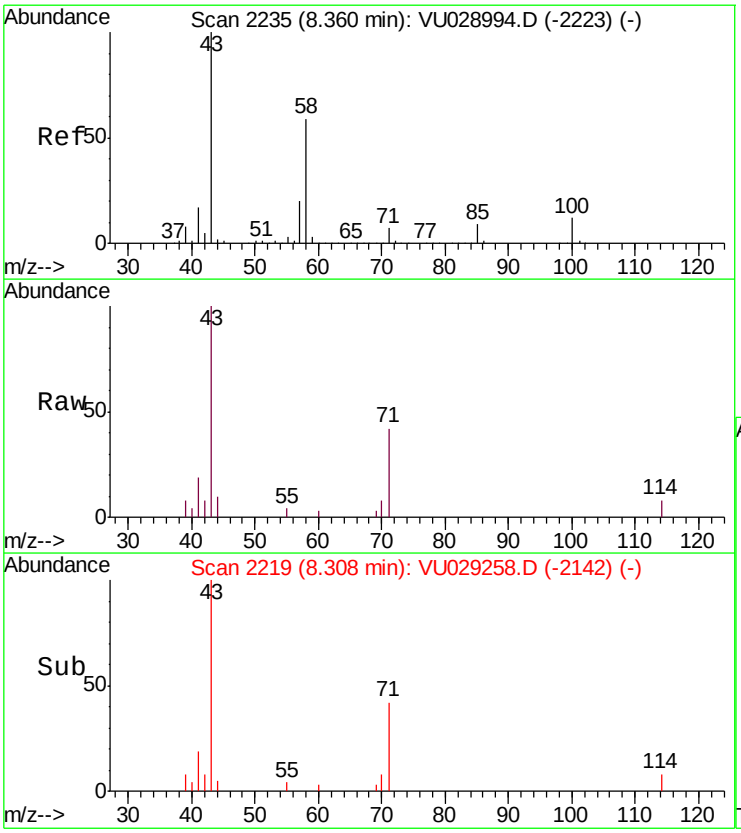
#57
1,3-Dichloropropane
Concen: 1.306 ug/l
RT: 8.41 min Scan# 2251
Delta R.T. 0.17 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion: 76 Resp: 3413

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

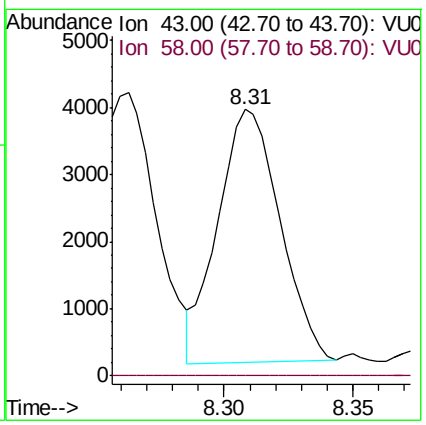


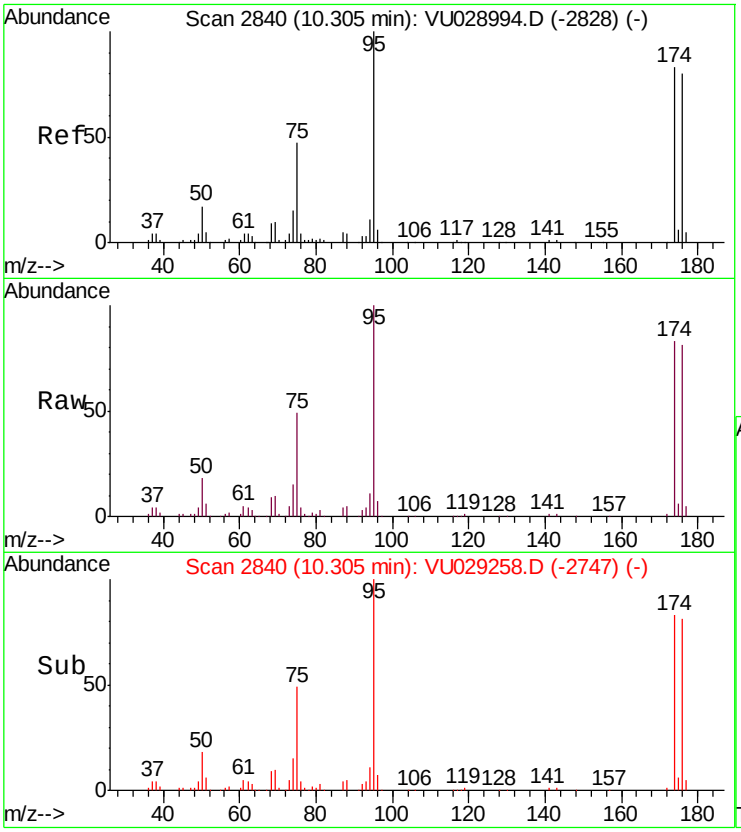


#59
2-Hexanone
Concen: 3.500 ug/l
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 6323

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	89.4#



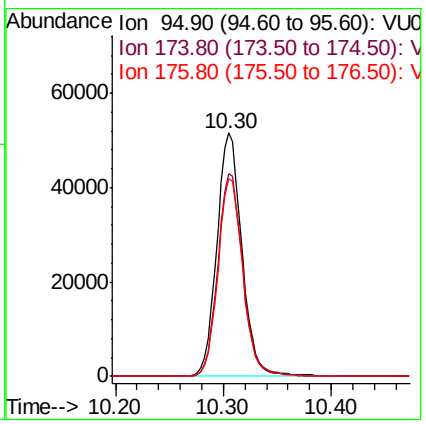


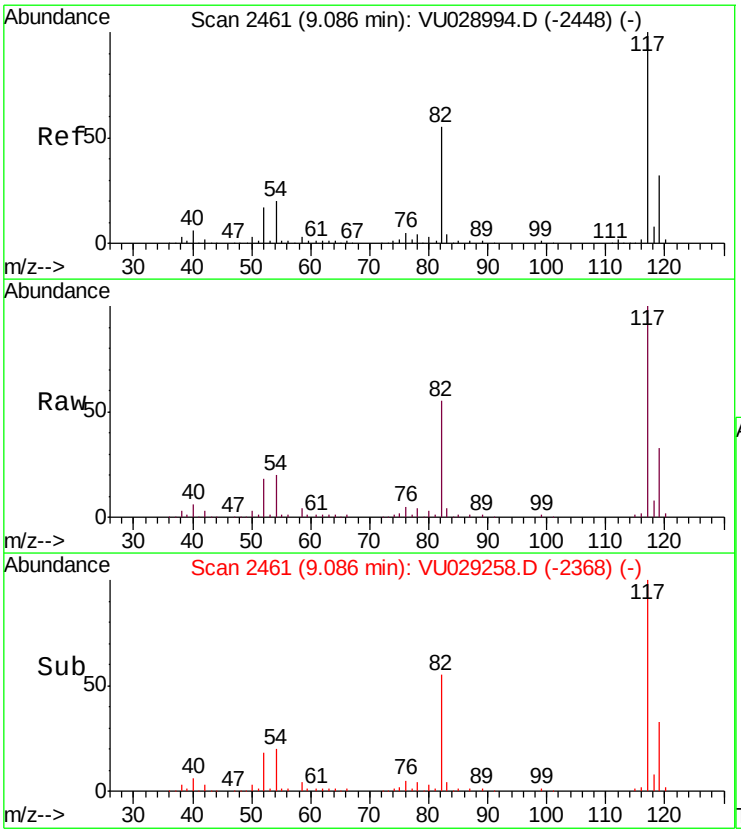
#62
4-Bromofluorobenzene
Concen: 44.981 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion: 95 Resp: 83112

Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	170.6
176	80.4	0.0	165.0

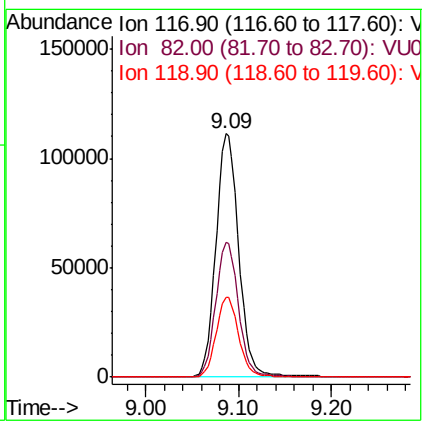


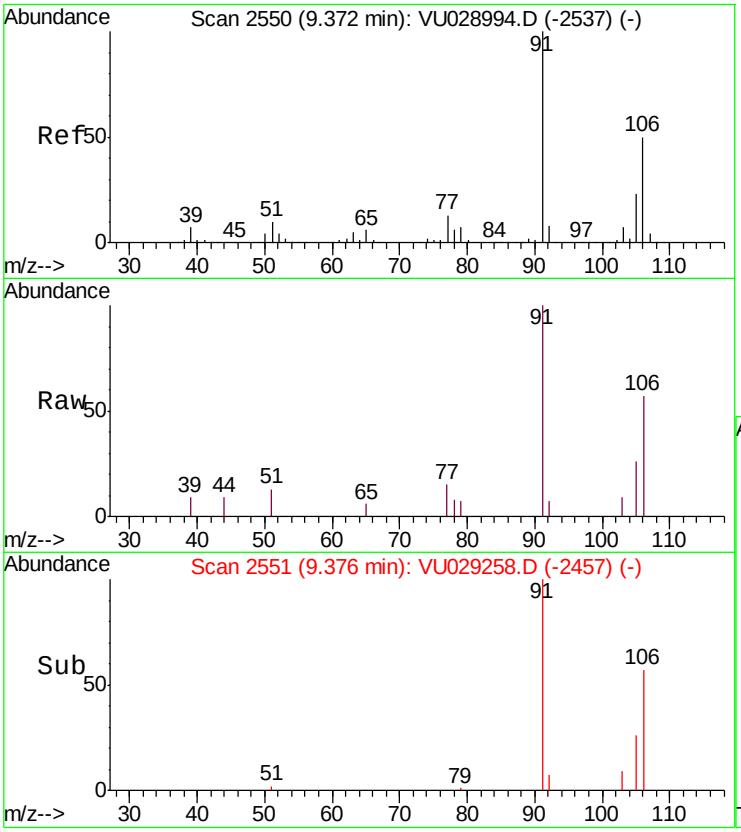


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion:117 Resp: 190758

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.9	65.9
119	33.0	26.0	39.0



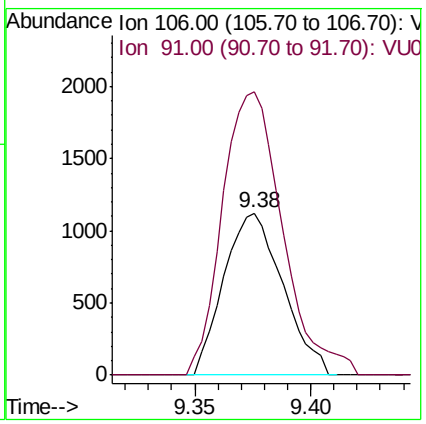


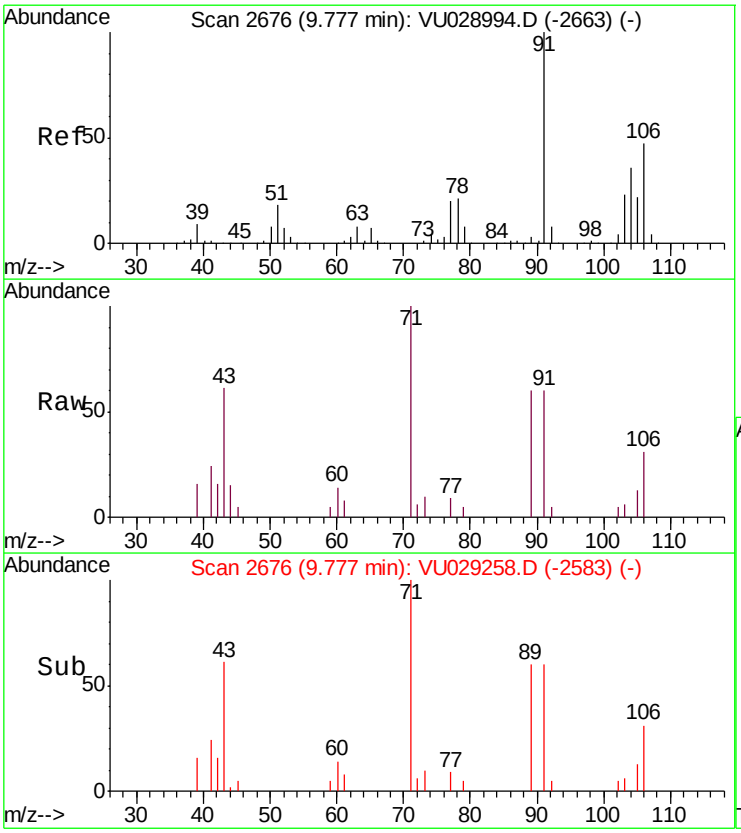
#68
m/p-Xylenes
Concen: 0.716 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion:106 Resp: 1985

Ion	Ratio	Lower	Upper
106	100		
91	178.8	161.7	242.5

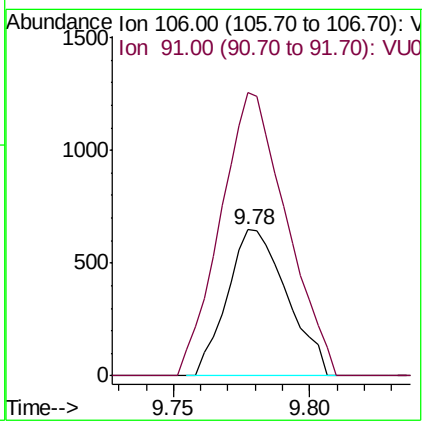


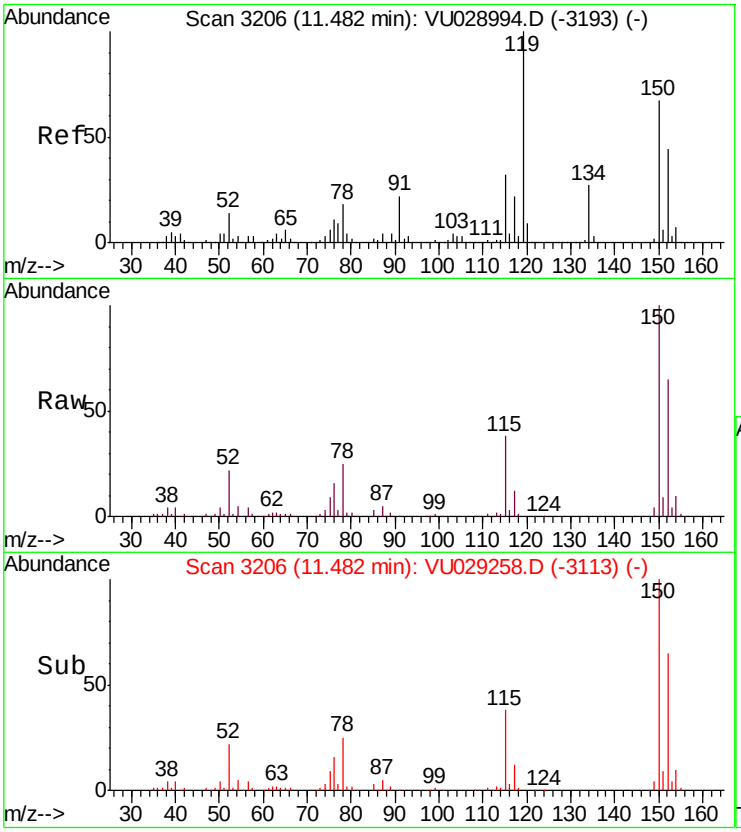


#69
o-Xylene
Concen: 0.369 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion:106 Resp: 987

Ion	Ratio	Lower	Upper
106	100		
91	213.9	106.1	318.3



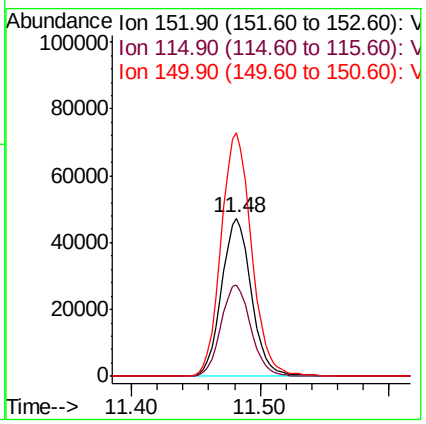


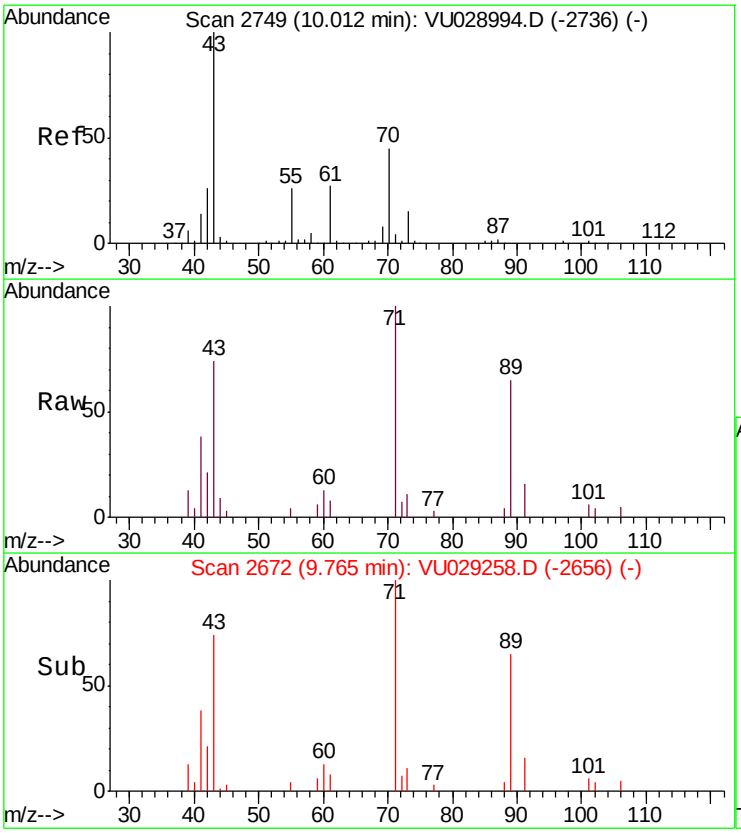
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion:152 Resp: 75872

Ion	Ratio	Lower	Upper
152	100		
115	58.0	40.1	120.3
150	157.5	0.0	345.2

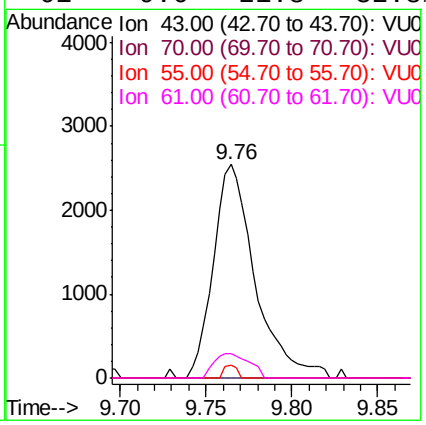


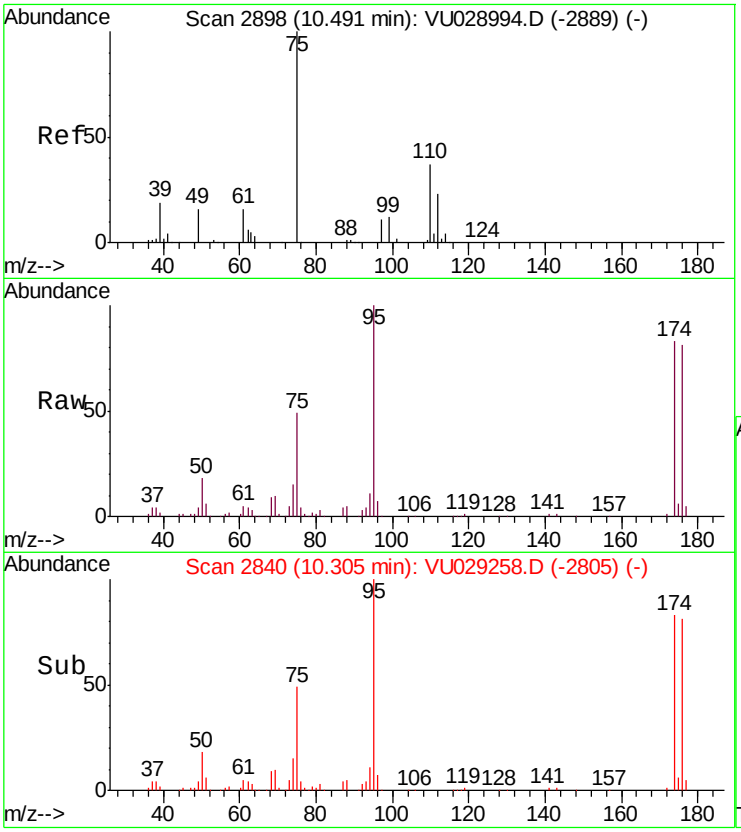


#74
N-amyl acetate
Concen: 1.784 ug/l
RT: 9.76 min Scan# 2672
Delta R.T. -0.25 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 4318

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.3	54.5#
55	1.8	20.5	30.7#
61	9.6	21.8	32.8#



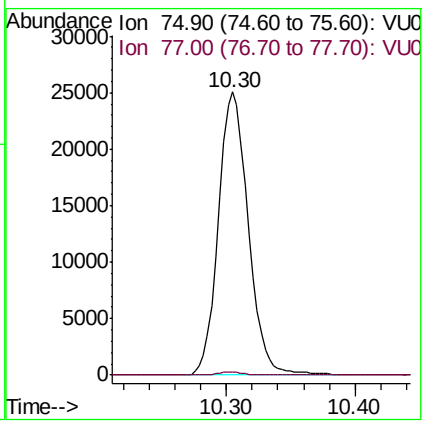


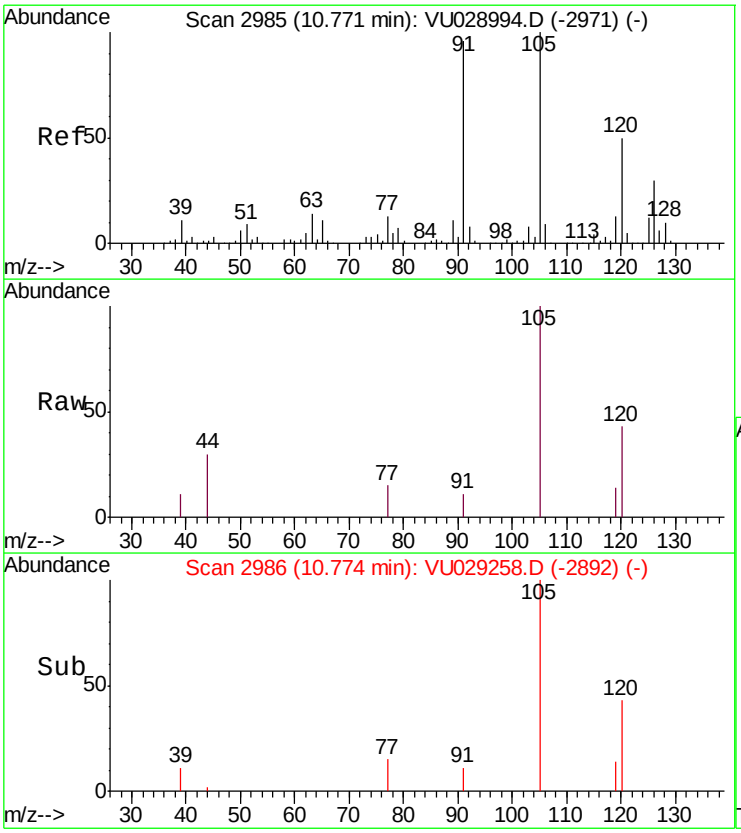
#76
1,2,3-Trichloropropane
Concen: 21.655 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion: 75 Resp: 40256

Ion	Ratio	Lower	Upper
75	100		
77	0.8	20.9	62.8#

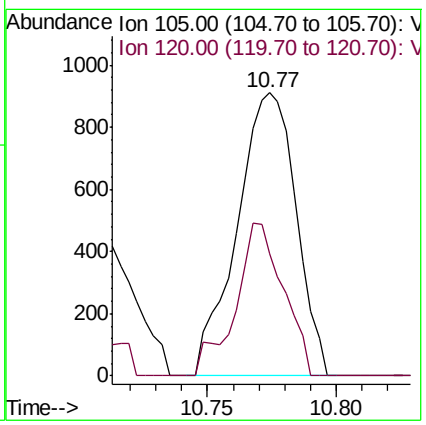


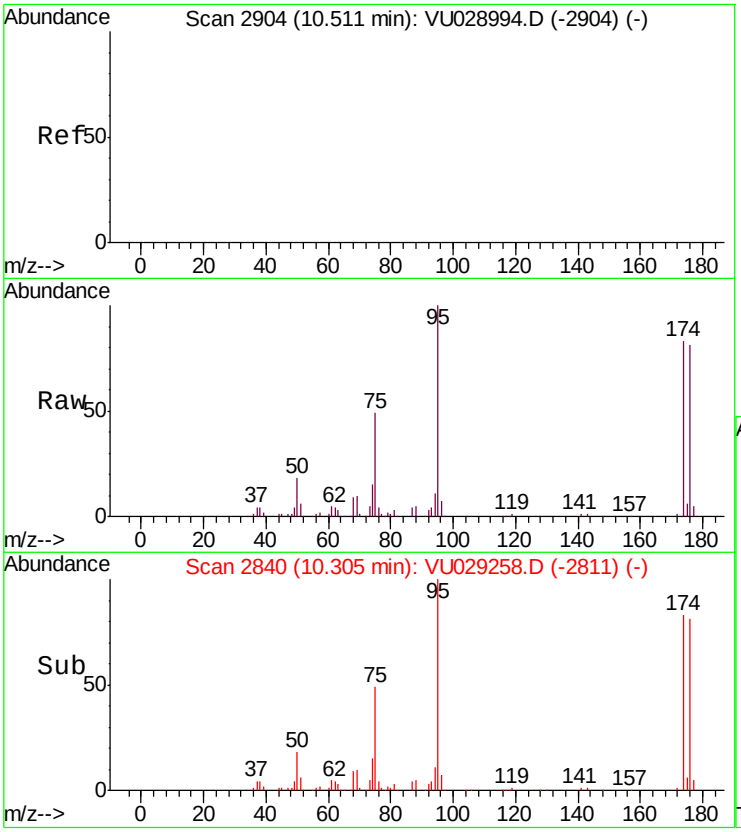


#80
1,3,5-Trimethylbenzene
Concen: 0.311 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion:105 Resp: 1459

Ion	Ratio	Lower	Upper
105	100		
120	43.6	24.8	74.4



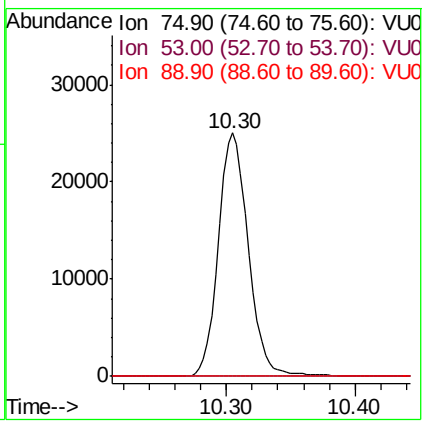


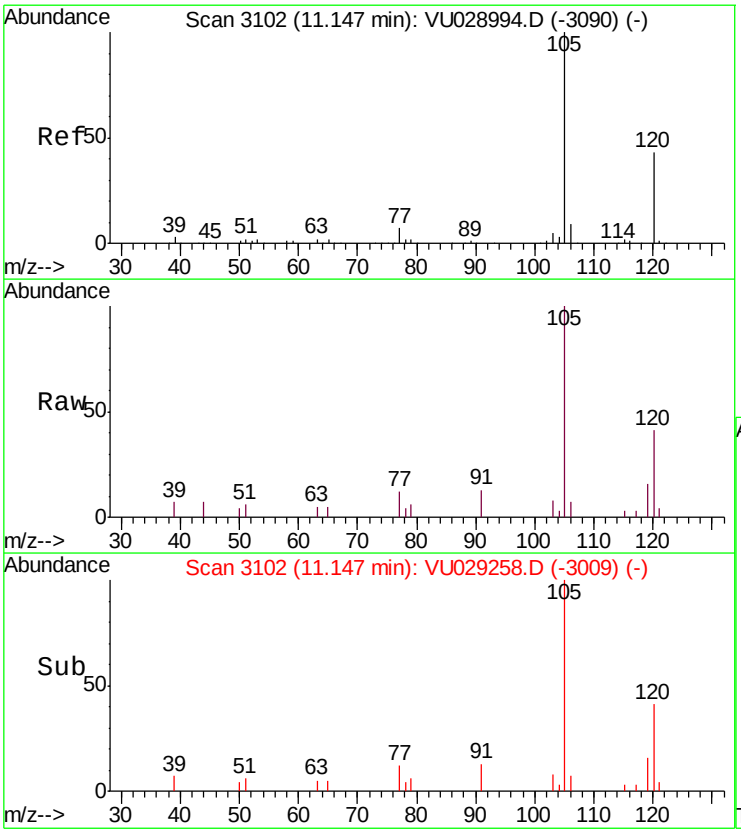
#81
trans-1,4-Dichloro-2-butene
Concen: 55.849 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion: 75 Resp: 40256

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

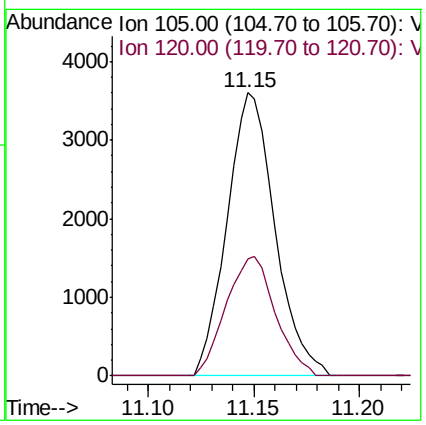


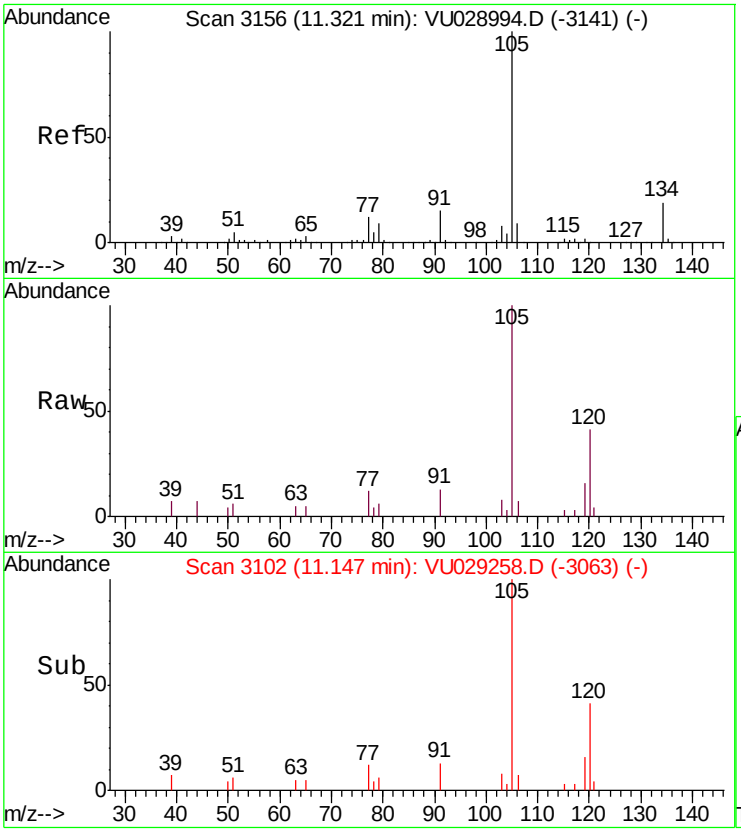


#84
1,2,4-Trimethylbenzene
Concen: 1.214 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion:105 Resp: 5683

Ion	Ratio	Lower	Upper
105	100		
120	43.2	23.1	69.3



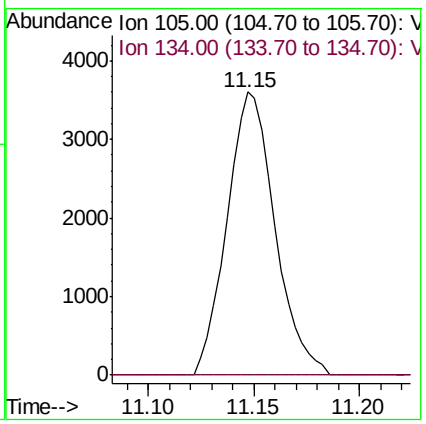


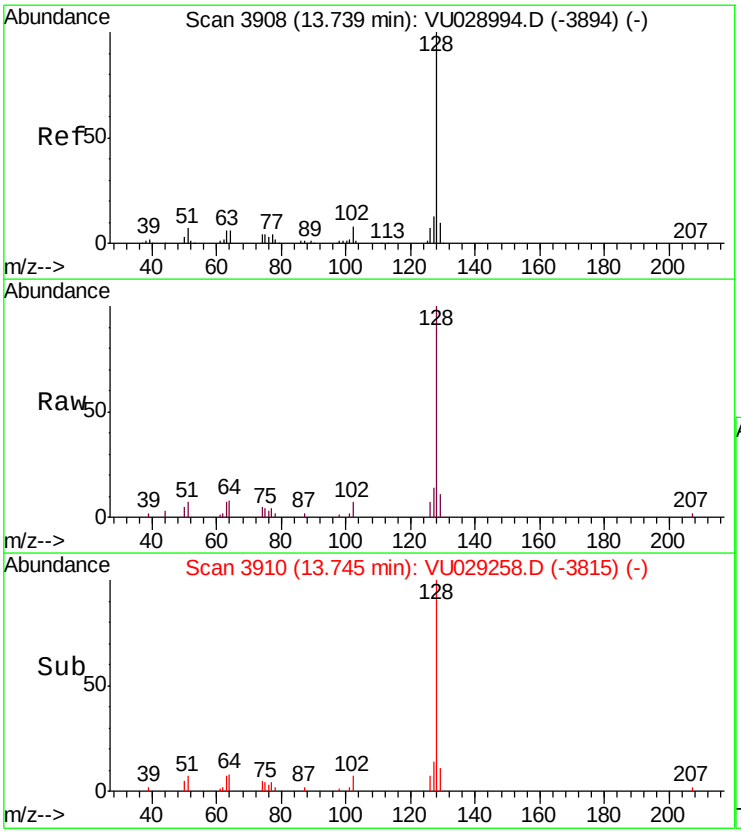
#85
sec-Butylbenzene
Concen: 1.017 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.17 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument : MSVOA_U
ClientSampleId : CL-01-011819-C

Tgt Ion:105 Resp: 5683

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.7	29.1#





#95
Naphthalene
Concen: 3.307 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion:128 Resp: 19417

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	9.7	8.5	12.7