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

Quantitation Report (Not Reviewed)

Data File : VU029259.D
Acq On : 21 Jan 2019 19:20
Operator : JC/SP
Sample : K1009-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jan 22 01:16:44 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	114234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	200017	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	188913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	77666	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.00%			
35) Dibromofluoromethane	4.88	113	67255	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.74%			
50) Toluene-d8	7.56	98	261360	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.12%			
62) 4-Bromofluorobenzene	10.30	95	83909	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.22%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	611	Below Cal	#	82
14) Allyl chloride	2.70	41	226544	104.214	ug/l #	30
16) Acetone	2.32	43	161427	181.460	ug/l	97
17) Carbon Disulfide	2.48	76	345	Below Cal	#	75
18) Methyl Acetate	2.70	43	26716	12.916	ug/l #	80
20) Methylene Chloride	2.70	84	5909538	3912.556	ug/l	97
25) 2-Butanone	4.28	43	391	0.325	ug/l #	47
28) Bromochloromethane	4.55	49	6885	6.483	ug/l #	95
29) Tetrahydrofuran	4.66	42	161	0.221	ug/l #	30
31) Cyclohexane	4.98	56	1977	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8355	4.179	ug/l #	46
38) Carbon Tetrachloride	4.98	117	10097	6.055	ug/l #	18
43) Isopropyl Acetate	5.55	43	6457	1.918	ug/l #	84
45) 1,2-Dichloropropane	6.70	63	387	0.235	ug/l #	43
48) Methyl methacrylate	6.70	41	28740	17.533	ug/l #	36
51) 4-Methyl-2-Pentanone	7.42	43	32811	14.322	ug/l #	45
52) Toluene	7.64	92	8381	2.208	ug/l	95
54) cis-1,3-Dichloropropene	7.42	75	17178	6.827	ug/l #	61
57) 1,3-Dichloropropane	8.41	76	2603	1.000	ug/l #	42
59) 2-Hexanone	8.31	43	5959	3.314	ug/l #	21
67) Ethyl Benzene	9.25	91	1423	0.201	ug/l	100
68) m/p-Xylenes	9.37	106	2393	0.871	ug/l	93
69) o-Xylene	9.78	106	969	0.366	ug/l	81
76) 1,2,3-Trichloropropane	10.30	75	39401	21.132	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	2028	0.431	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.30	75	39401	54.500	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	6687	1.424	ug/l	95
85) sec-Butylbenzene	11.15	105	6687	1.193	ug/l #	57
90) Hexachloroethane	12.29	117	189	0.235	ug/l #	7
95) Naphthalene	13.75	128	18096	3.073	ug/l	99

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

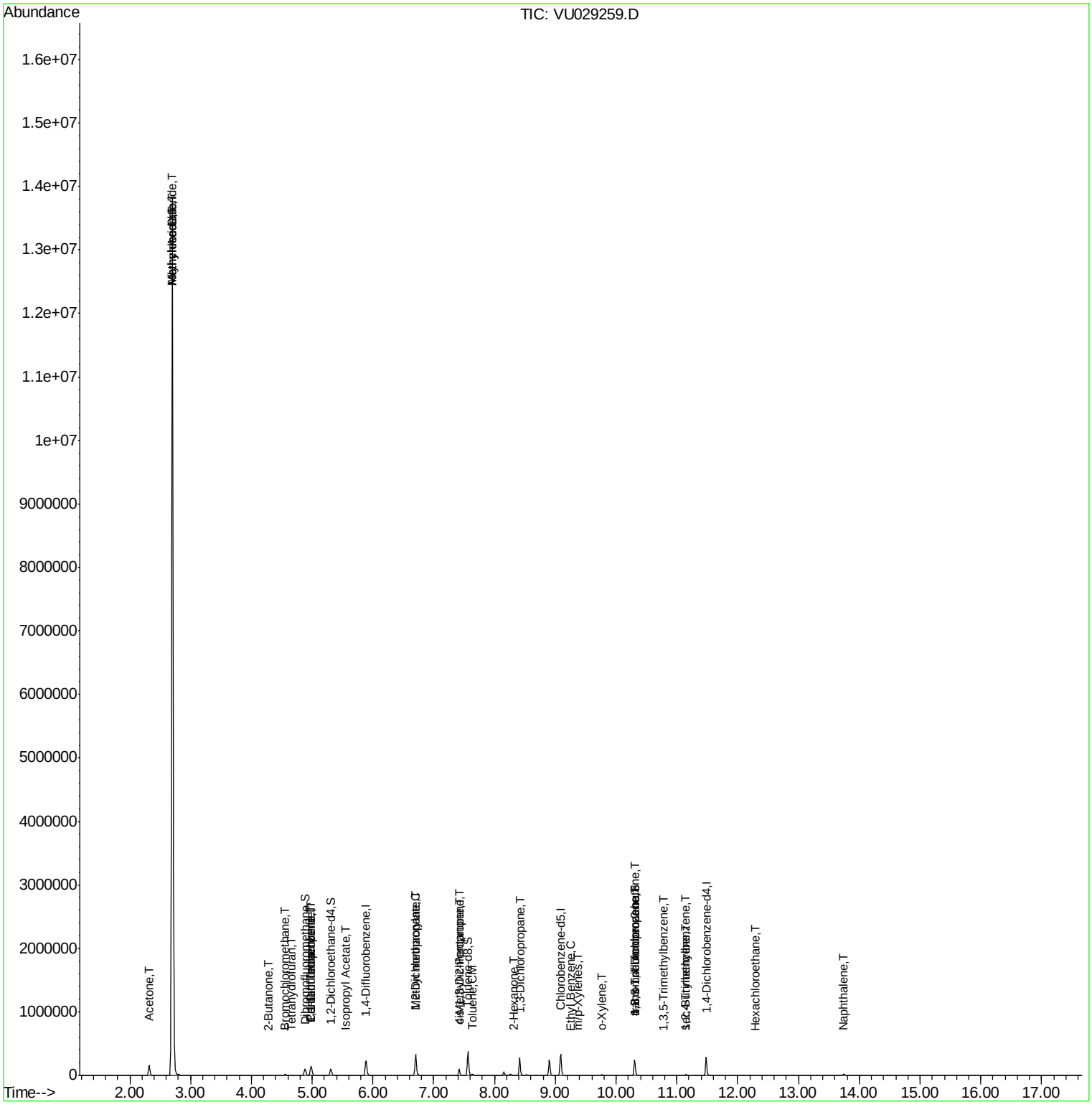
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

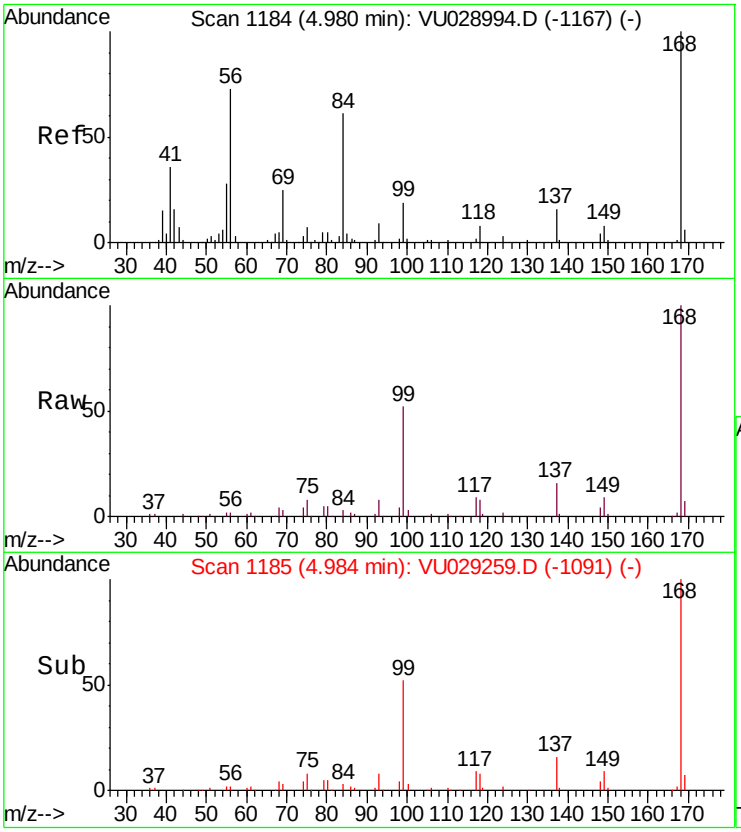
Quantitation Report (Not Reviewed)

Data File : VU029259.D
Acq On : 21 Jan 2019 19:20
Operator : JC/SP
Sample : K1009-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jan 22 01:16:44 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



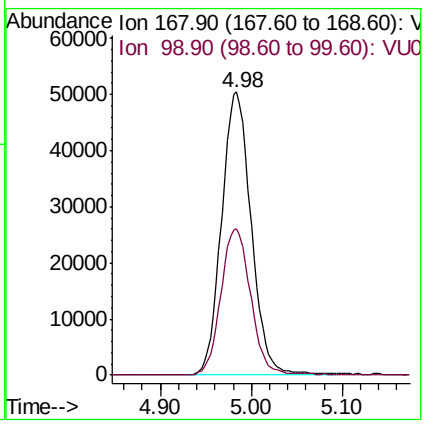


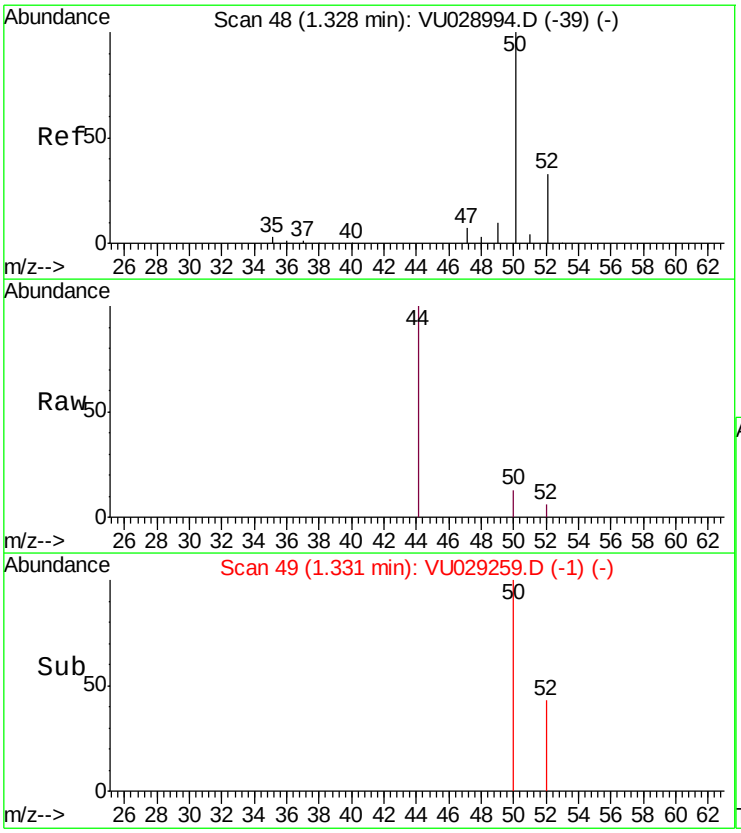
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion:168 Resp: 114234

Ion	Ratio	Lower	Upper
168	100		
99	51.8	42.0	63.0

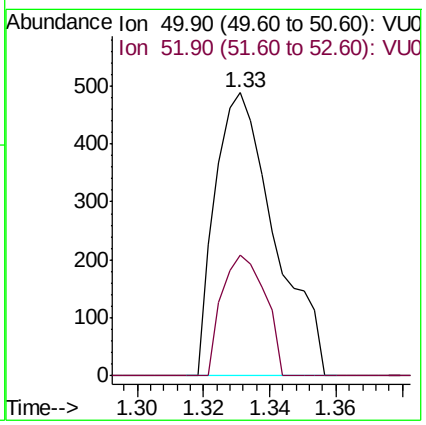


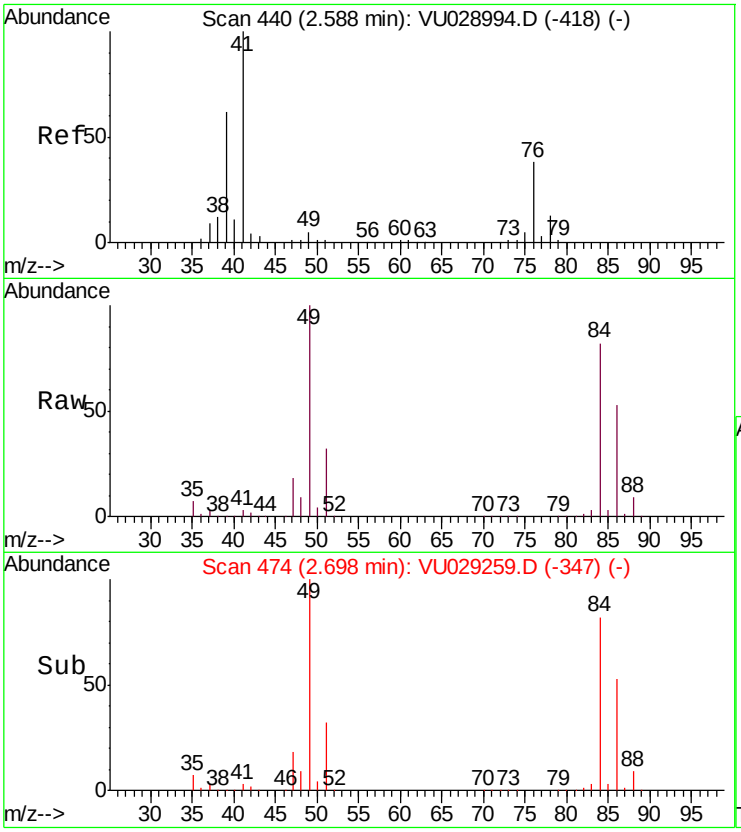


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 50 Resp: 611

Ion	Ratio	Lower	Upper
50	100		
52	42.8	26.1	39.1#



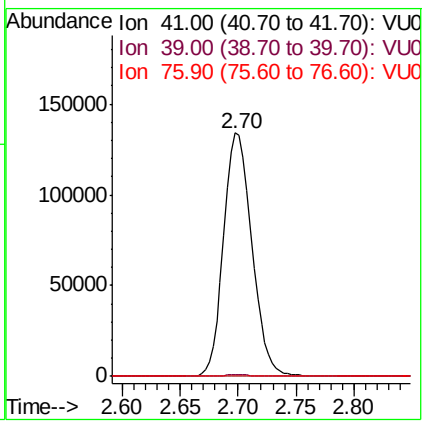


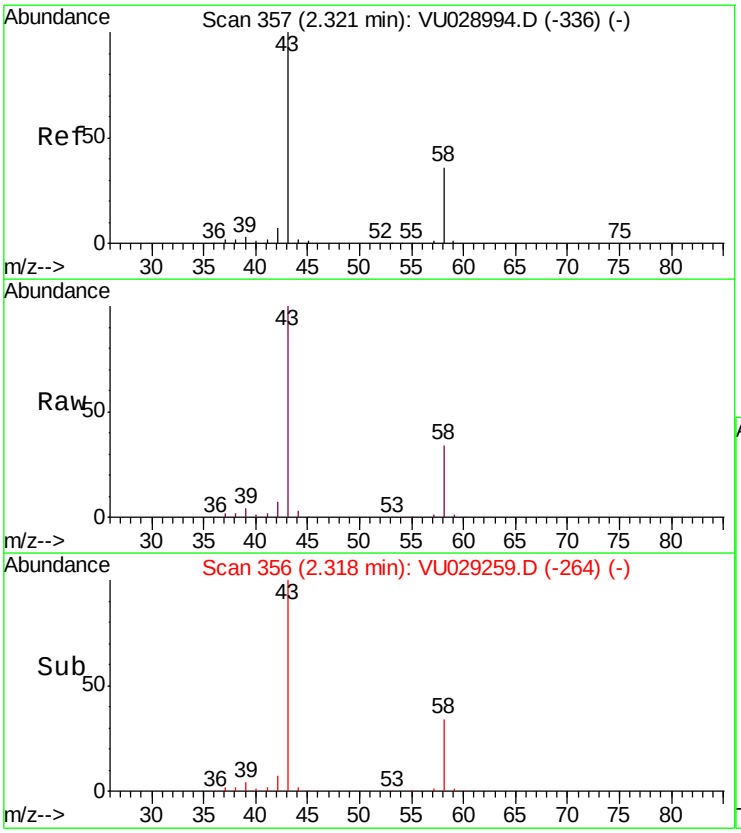
#14
Allyl chloride
Concen: 104.214 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.11 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 41 Resp: 226544

Ion	Ratio	Lower	Upper
41	100		
39	0.6	45.0	67.6#
76	0.0	28.1	42.1#

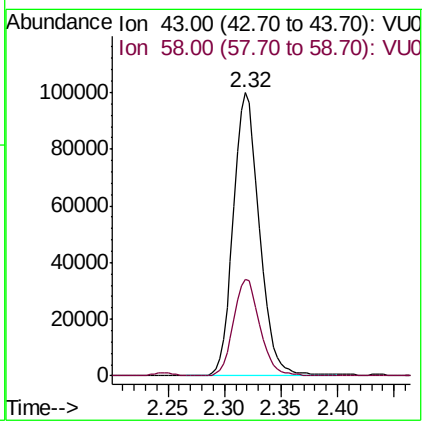


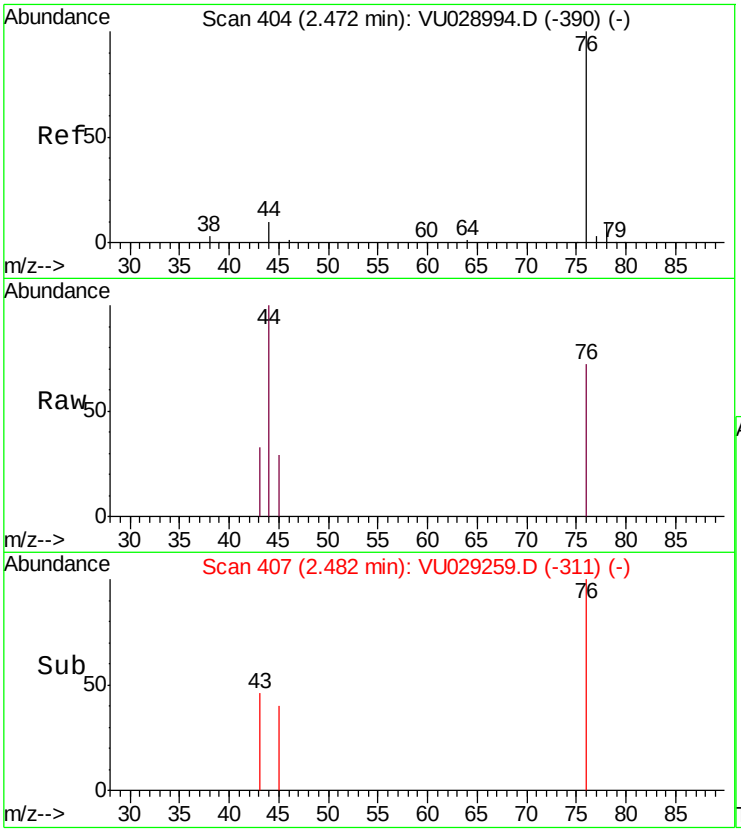


#16
Acetone
Concen: 181.460 ug/l
RT: 2.32 min Scan# 356
Delta R.T. -0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 43 Resp: 161427

Ion	Ratio	Lower	Upper
43	100		
58	33.8	28.6	42.8



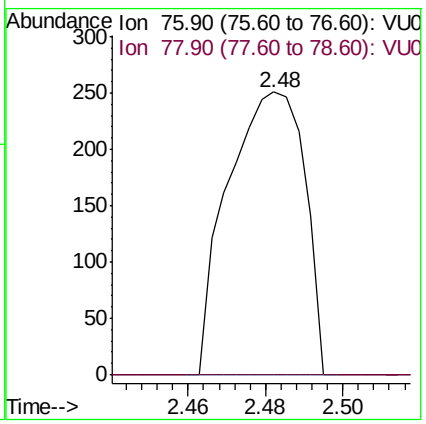


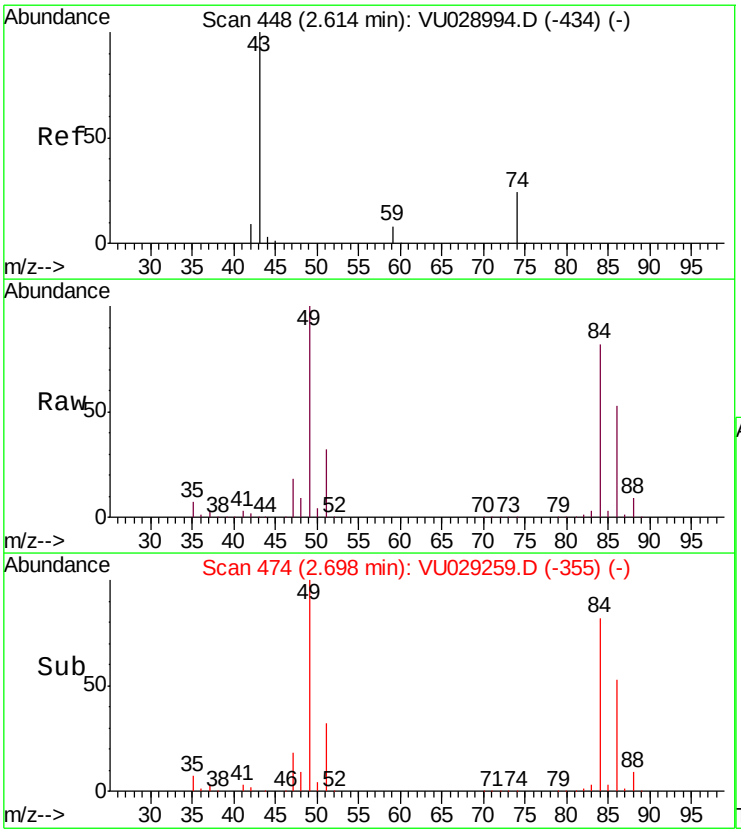
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 407
Delta R.T. 0.01 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 76 Resp: 345

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

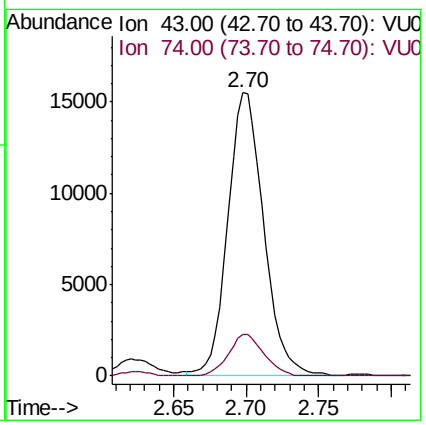


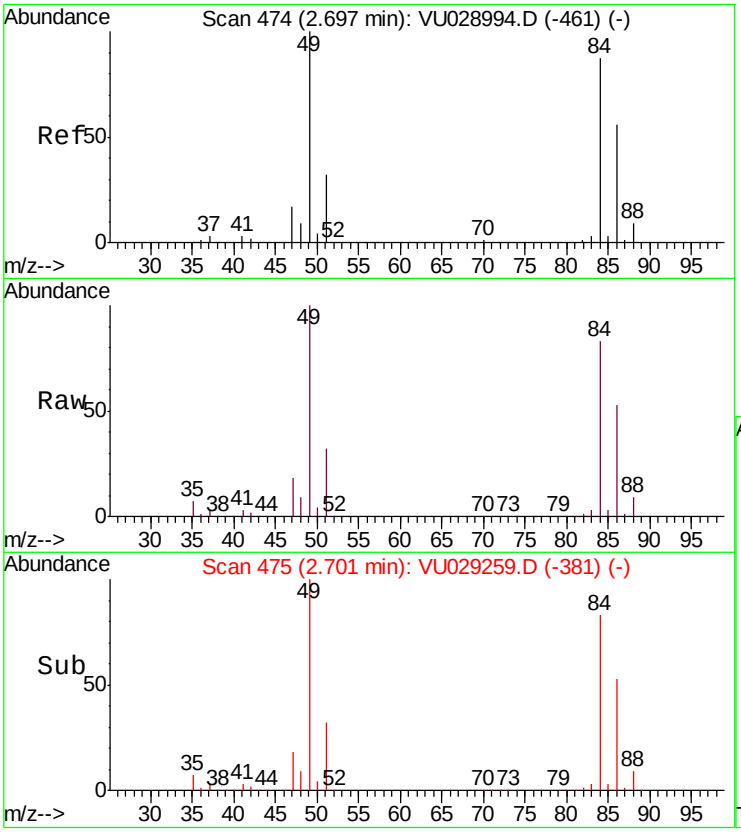


#18
Methyl Acetate
Concen: 12.916 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.08 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 43 Resp: 26716

Ion	Ratio	Lower	Upper
43	100		
74	14.4	19.5	29.3#



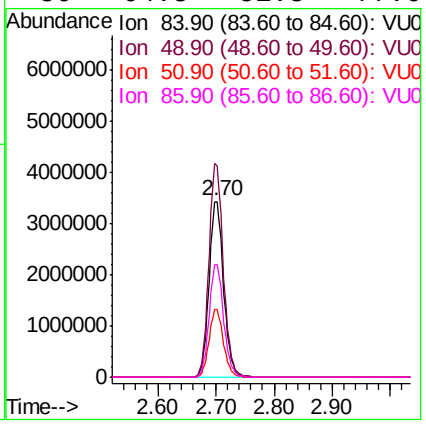


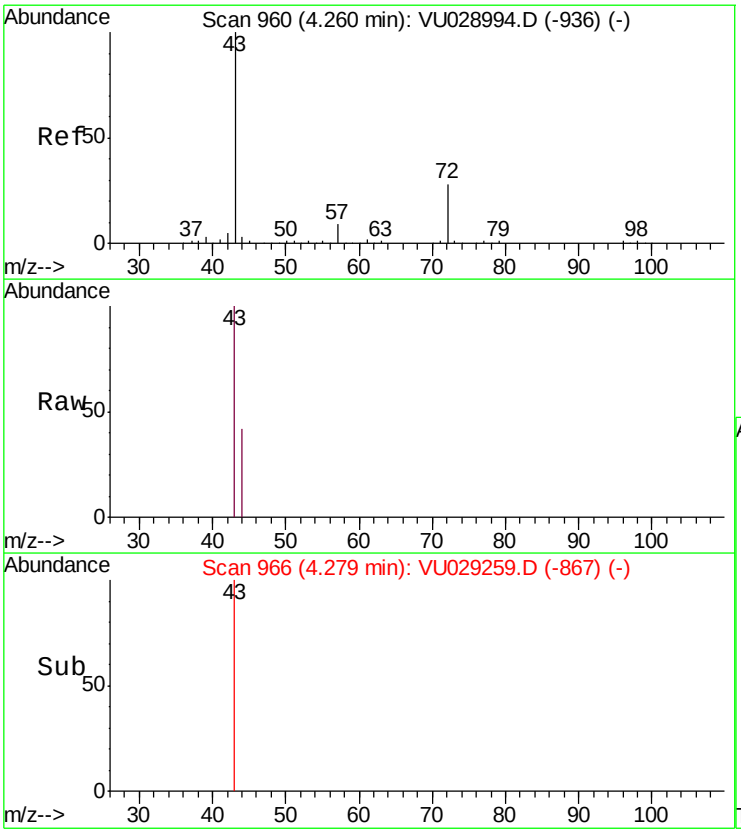
#20
Methylene Chloride
Concen: 3912.556 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 84 Resp: 5909538

Ion	Ratio	Lower	Upper
84	100		
49	120.5	91.9	137.9
51	38.3	29.2	43.8
86	64.3	51.8	77.6

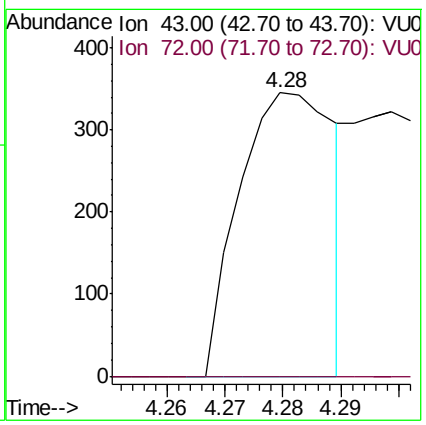


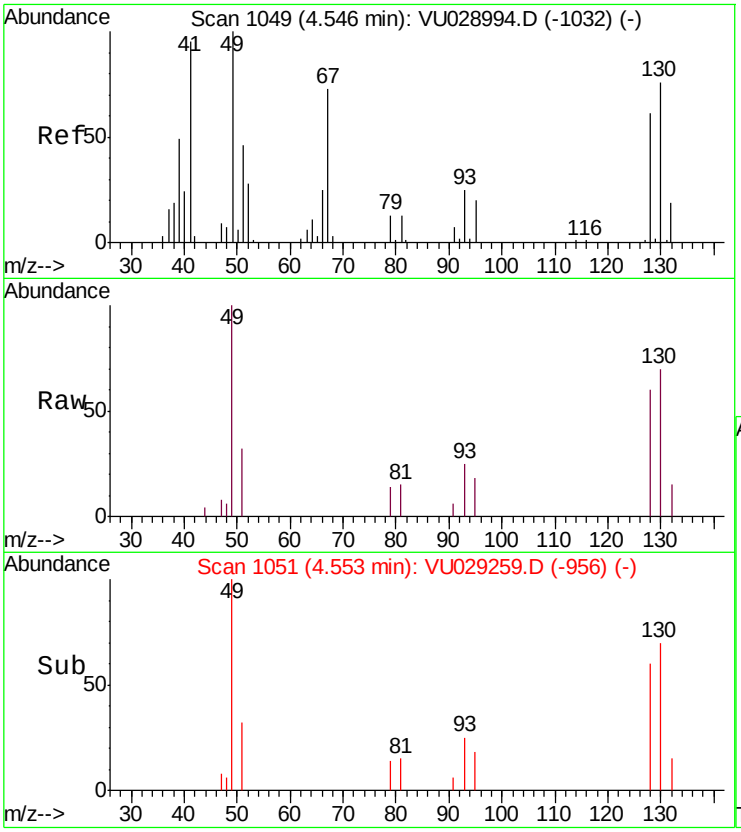


#25
2-Butanone
Concen: 0.325 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 43 Resp: 391

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	33.8#



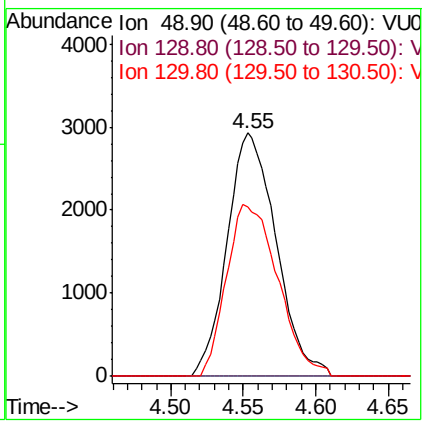


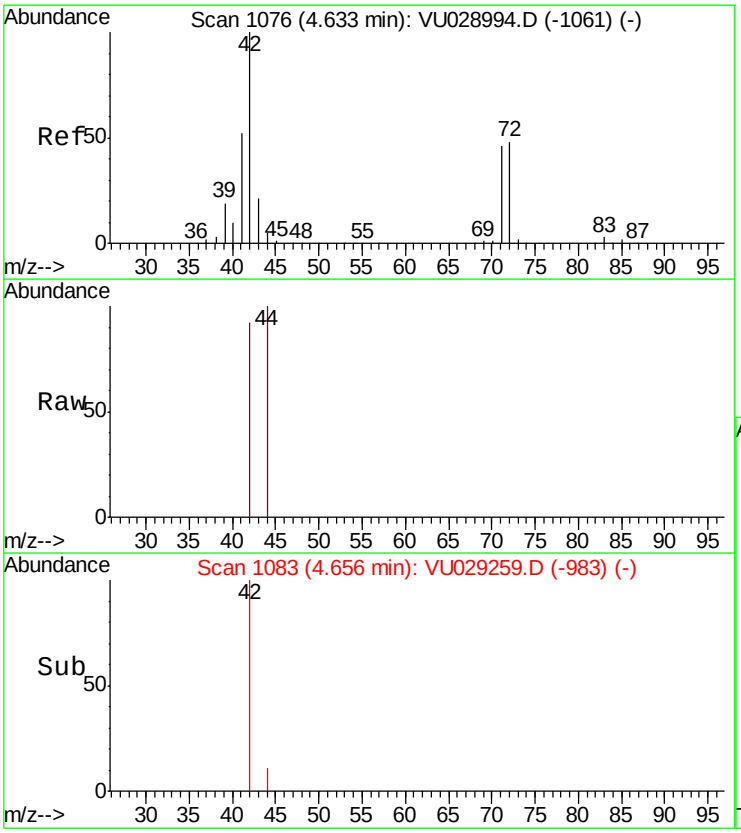
#28
Bromochloromethane
Concen: 6.483 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 49 Resp: 6885

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	74.0	62.9	94.3

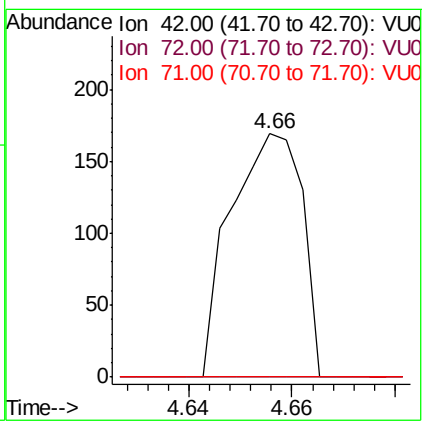


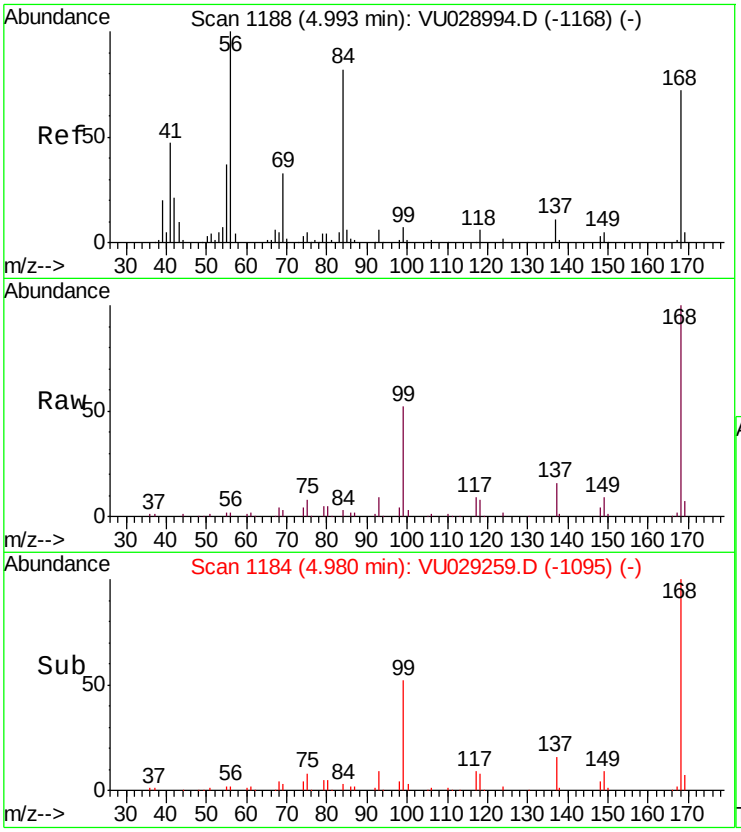


#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 42 Resp: 161

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



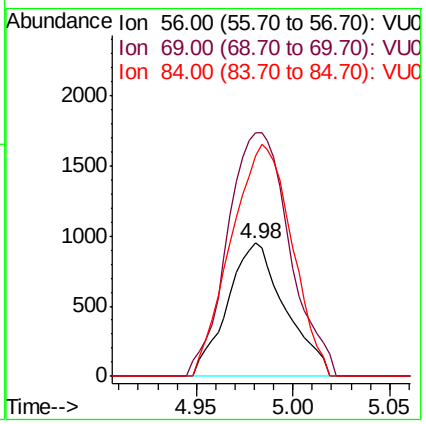


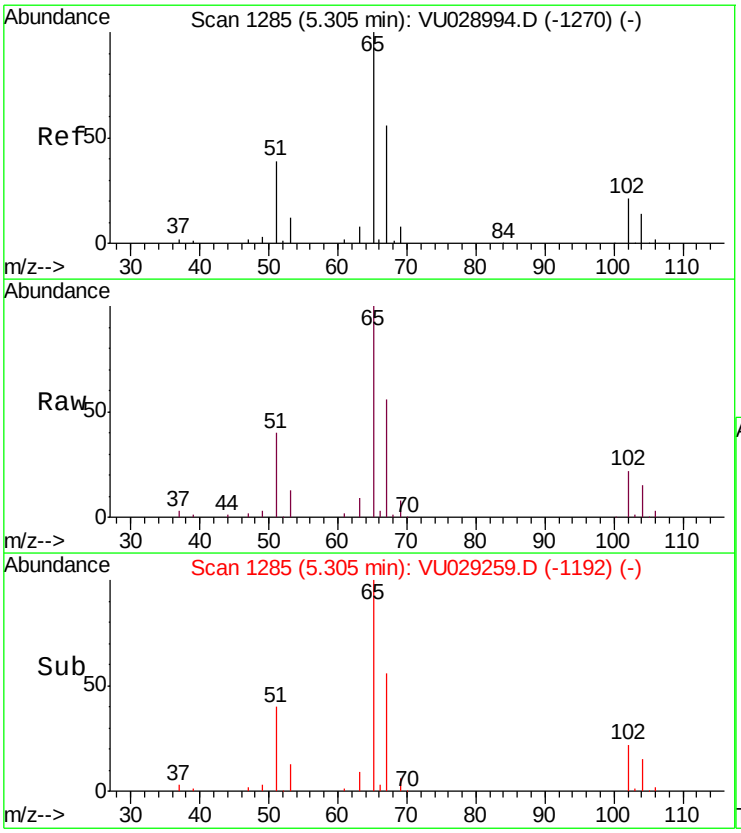
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 56 Resp: 1977

Ion	Ratio	Lower	Upper
56	100		
69	182.8	26.7	40.1#
84	165.4	65.7	98.5#

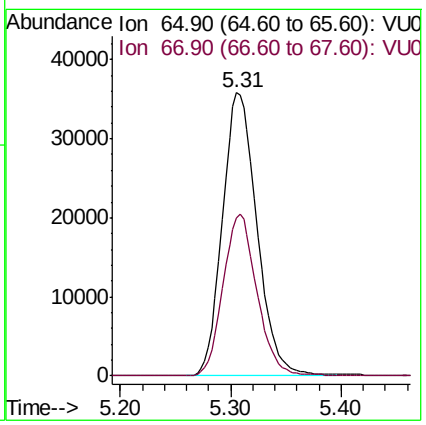


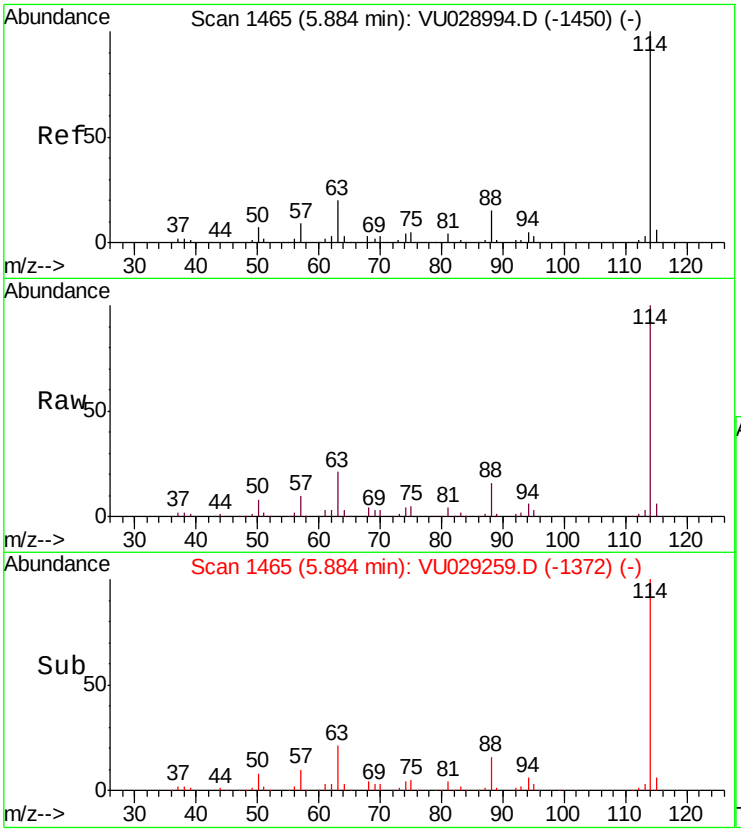


#33
1,2-Dichloroethane-d4
Concen: 54.998 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 65 Resp: 77666

Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	111.0



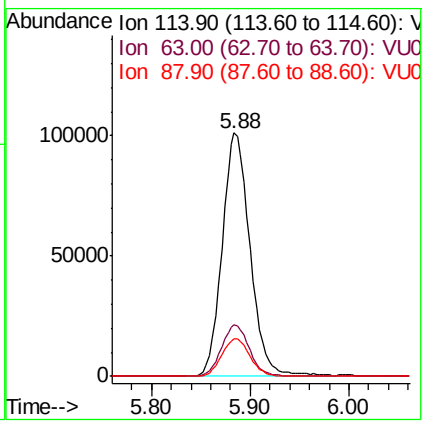


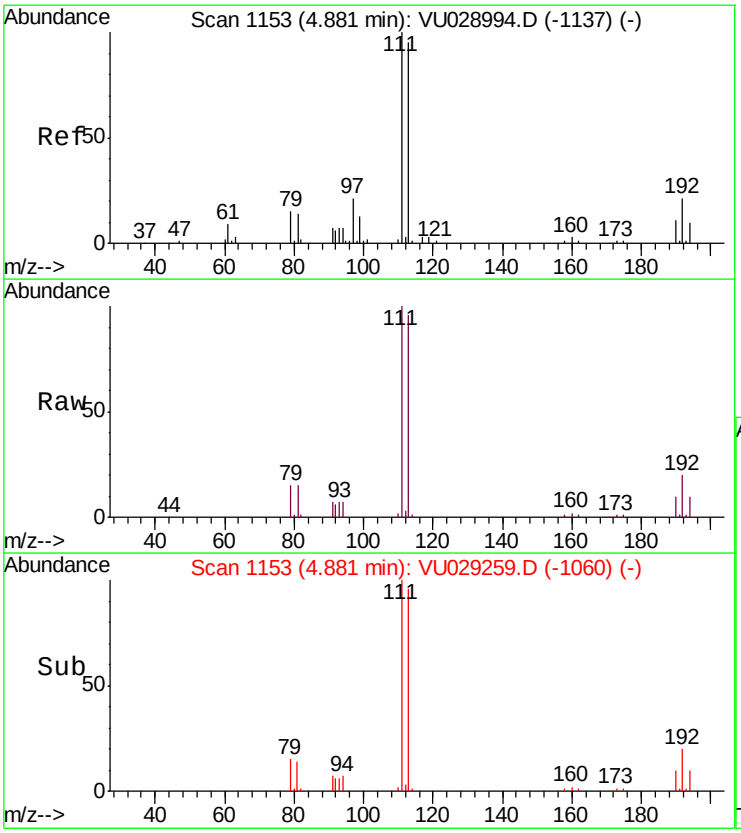
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion:114 Resp: 200017

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.2
88	15.5	0.0	30.4

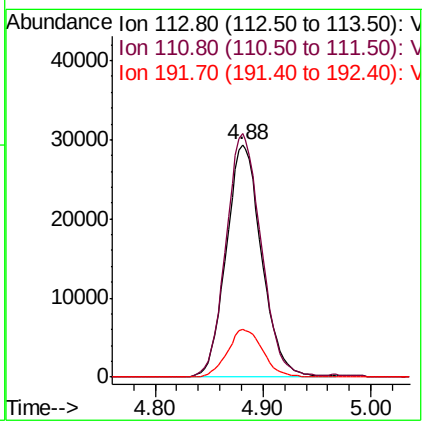


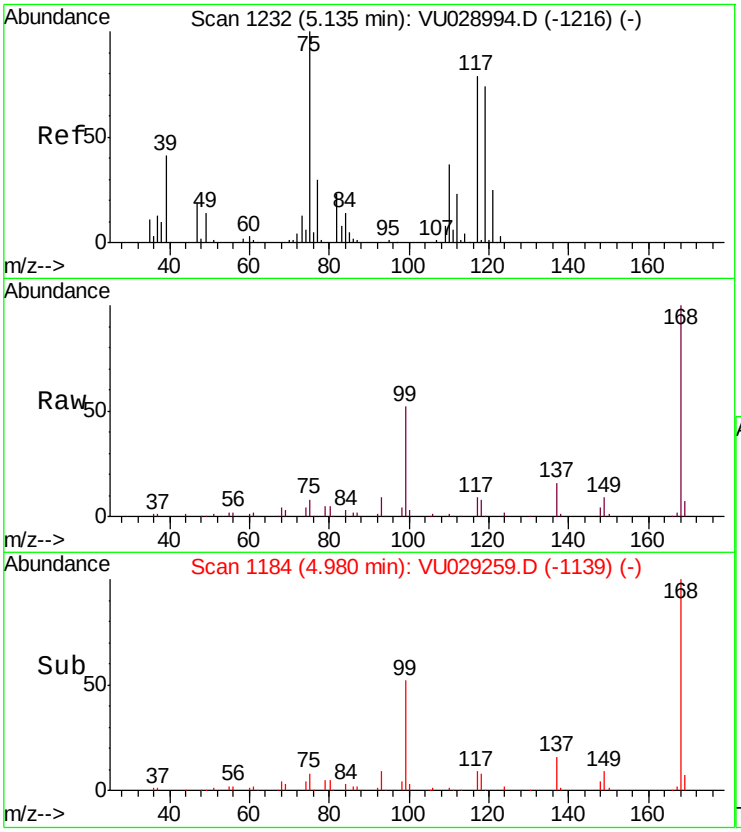


#35
Dibromofluoromethane
Concen: 51.872 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion:113 Resp: 67255

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.4	122.2
192	20.5	16.8	25.2



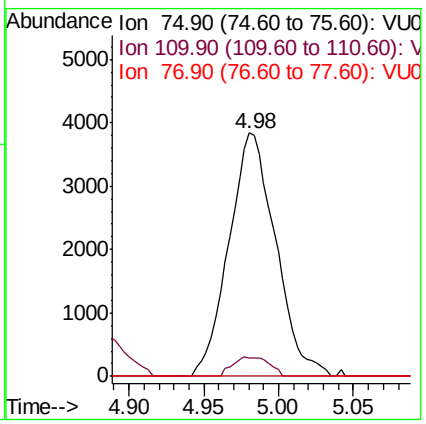


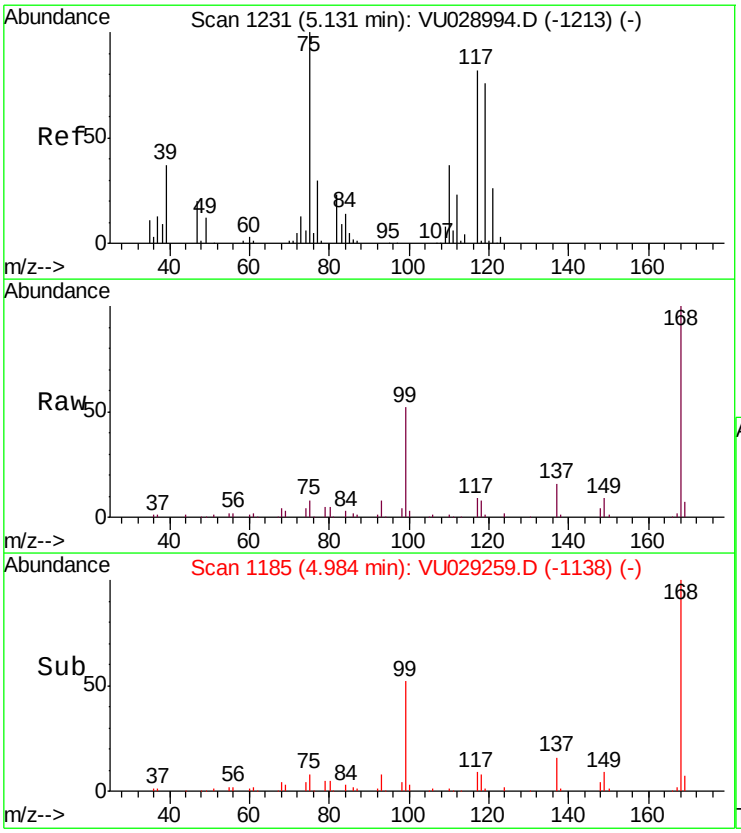
#36
1,1-Dichloropropene
Concen: 4.179 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 75 Resp: 8355

Ion	Ratio	Lower	Upper
75	100		
110	6.2	18.4	55.4#
77	0.0	25.1	37.7#

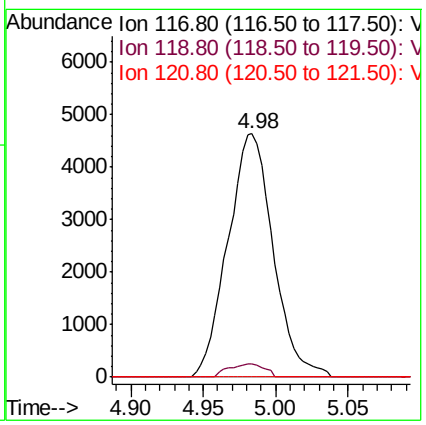


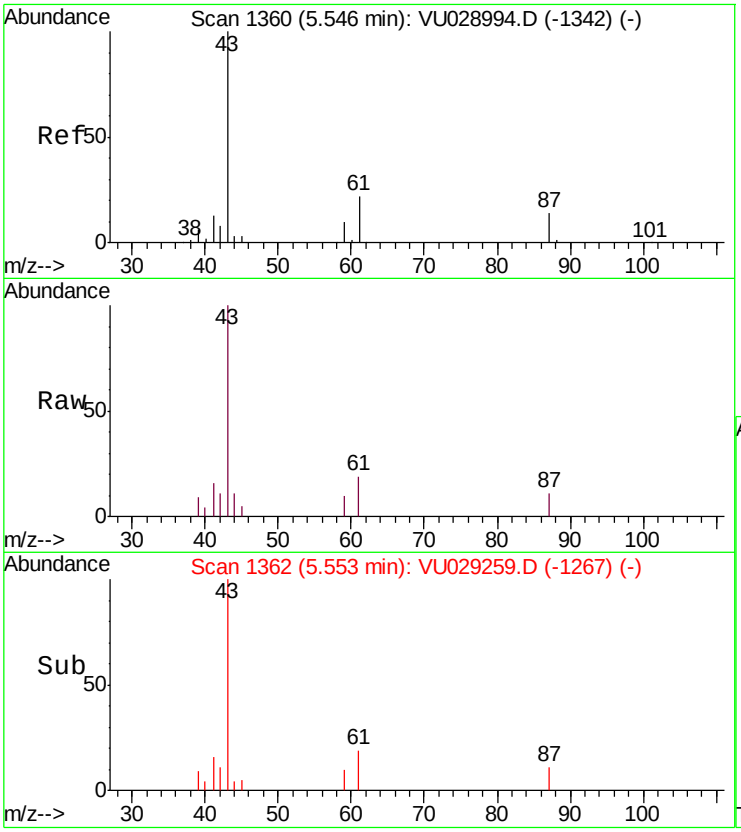


#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion:117 Resp: 10097

Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.6	111.8#
121	0.0	25.0	37.6#



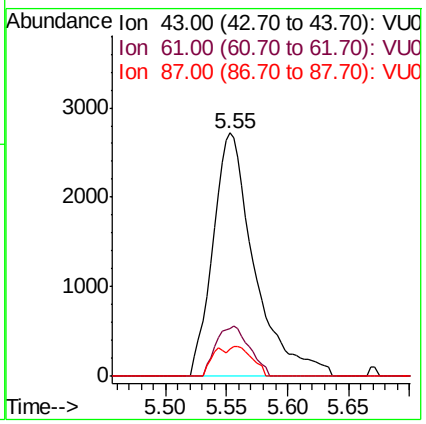


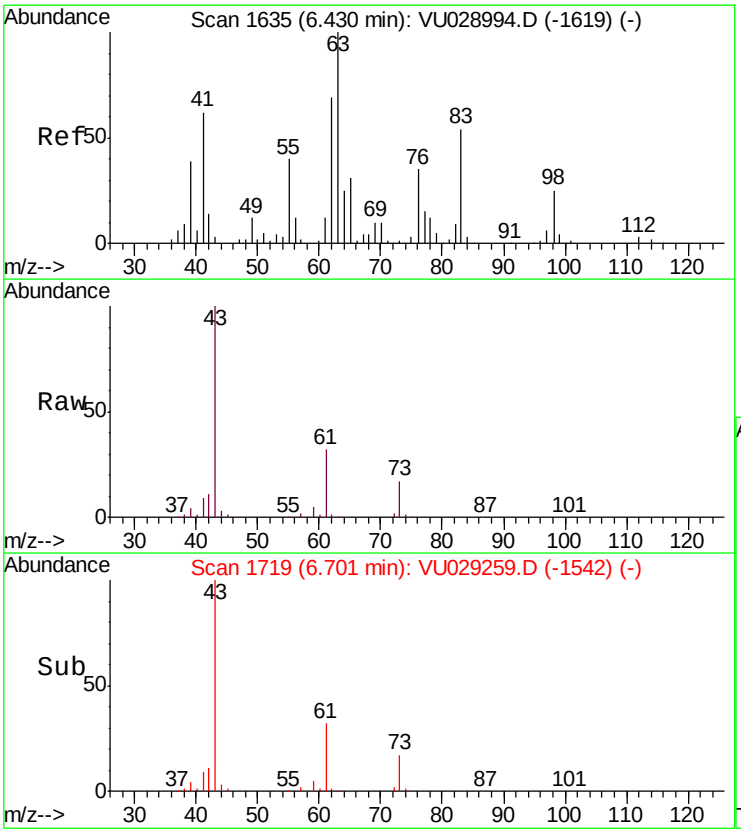
#43
Isopropyl Acetate
Concen: 1.918 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 43 Resp: 6457

Ion	Ratio	Lower	Upper
43	100		
61	16.7	17.8	26.6#
87	4.3	11.3	16.9#

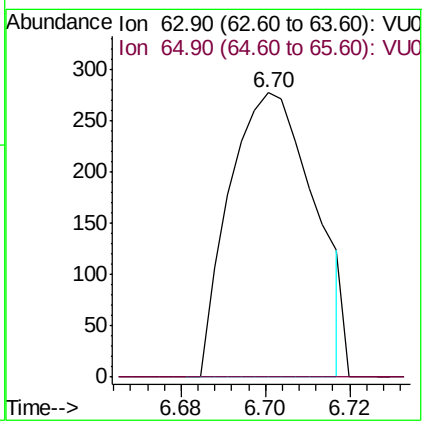


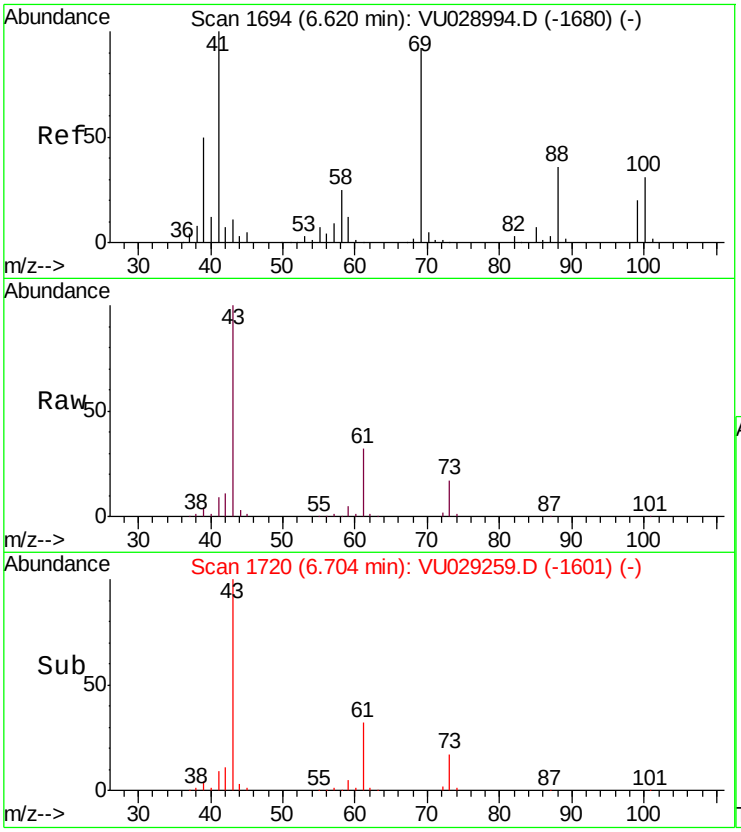


#45
1,2-Dichloropropane
Concen: 0.235 ug/l
RT: 6.70 min Scan# 1719
Delta R.T. 0.27 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 63 Resp: 387

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#



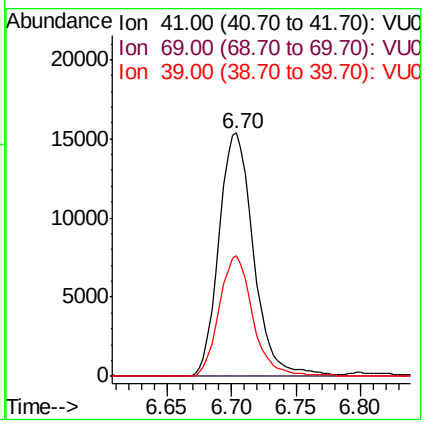


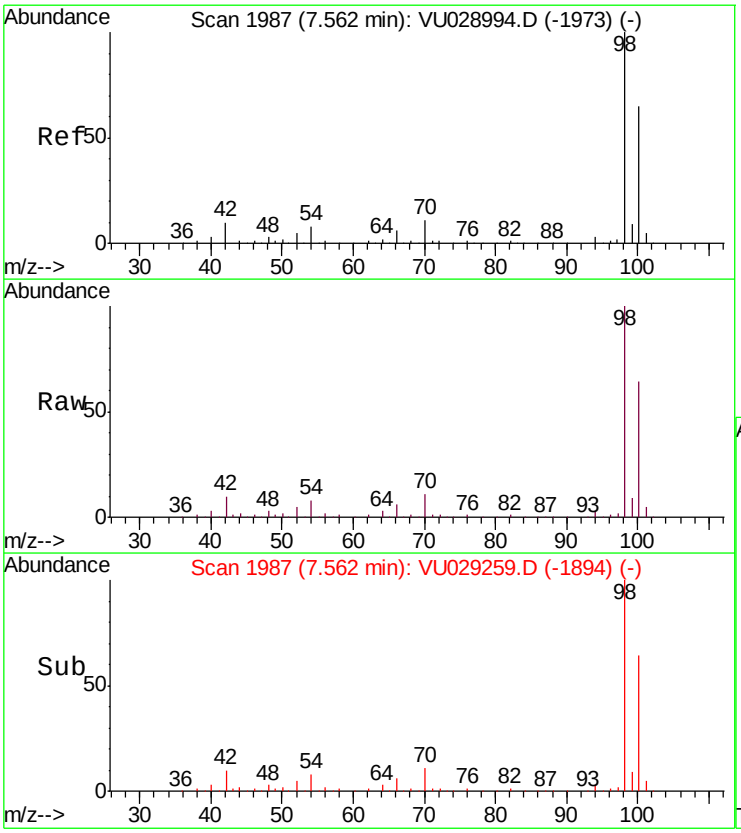
#48
Methyl methacrylate
Concen: 17.533 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.08 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 41 Resp: 28740

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.6	110.4#
39	47.7	39.6	59.4

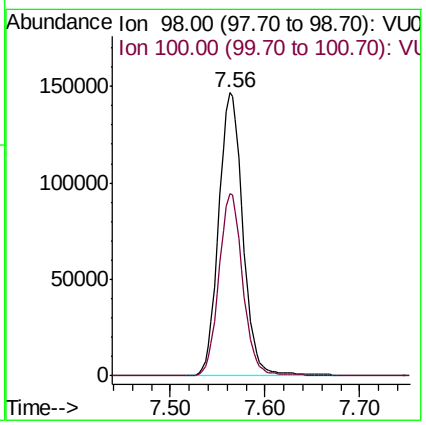


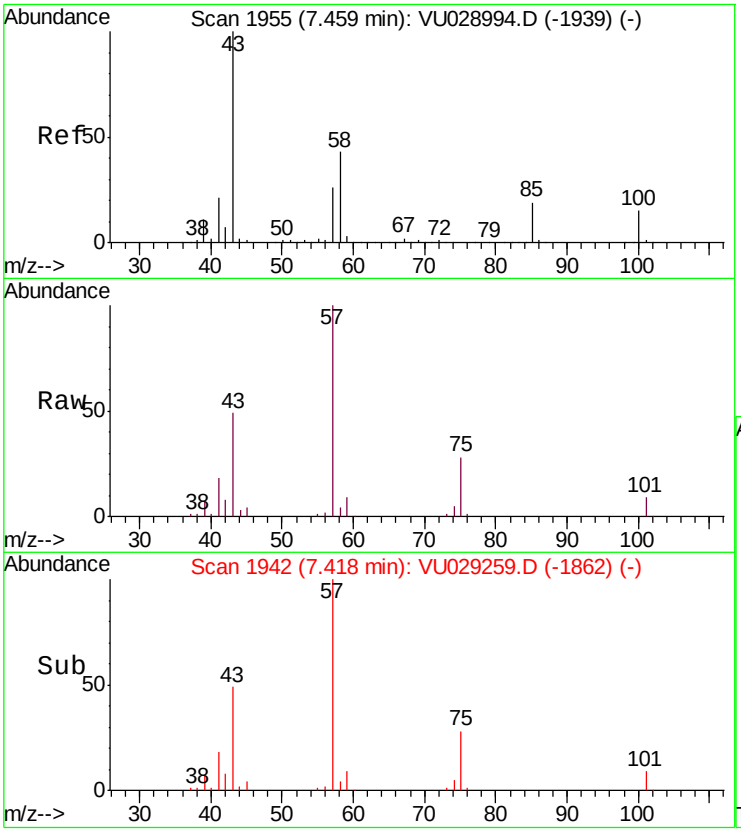


#50
Toluene-d8
Concen: 51.060 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 98 Resp: 261360

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.6	77.4



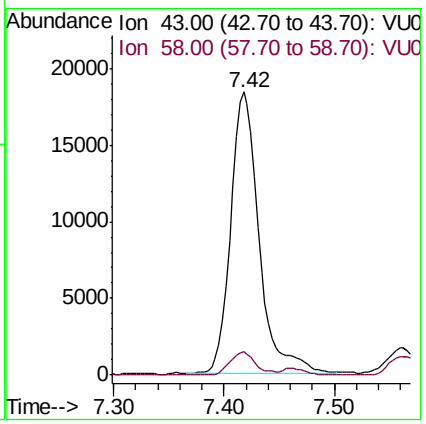


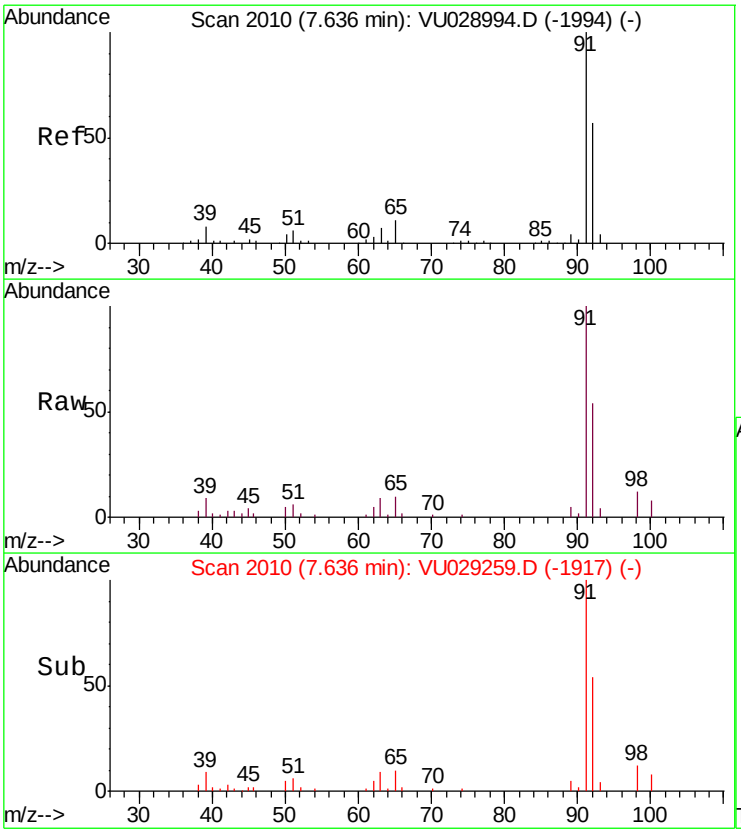
#51
4-Methyl-2-Pentanone
Concen: 14.322 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. -0.04 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 43 Resp: 32811

Ion	Ratio	Lower	Upper
43	100		
58	7.4	33.9	50.9#

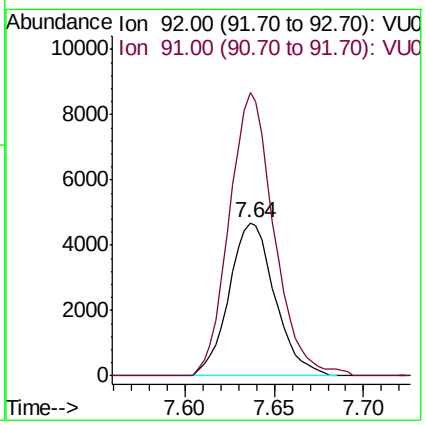


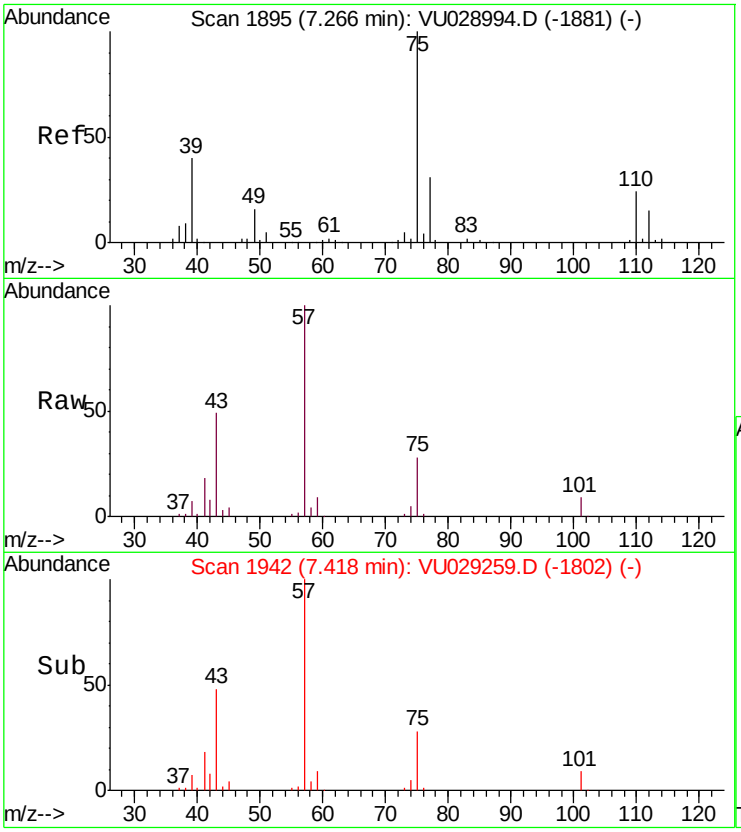


#52
Toluene
Concen: 2.208 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 92 Resp: 8381

Ion	Ratio	Lower	Upper
92	100		
91	181.9	139.8	209.8



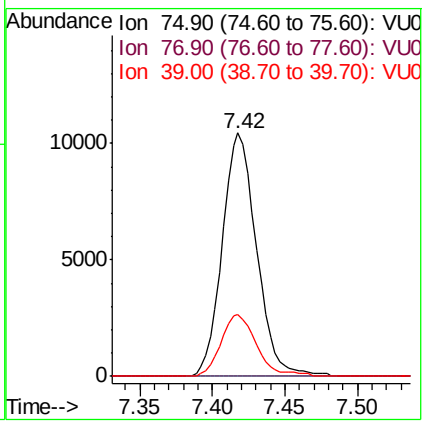


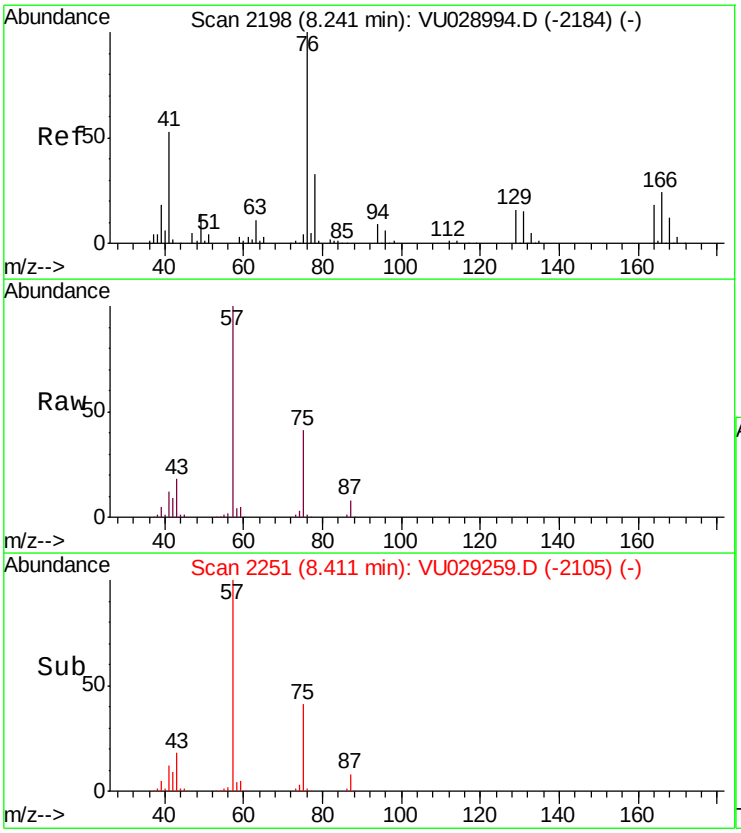
#54
cis-1,3-Dichloropropene
Concen: 6.827 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. 0.15 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 75 Resp: 17178

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	25.2	32.2	48.4#

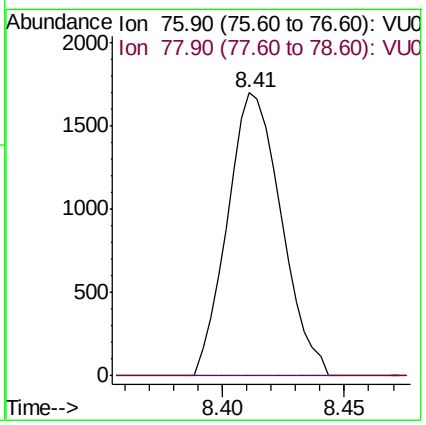


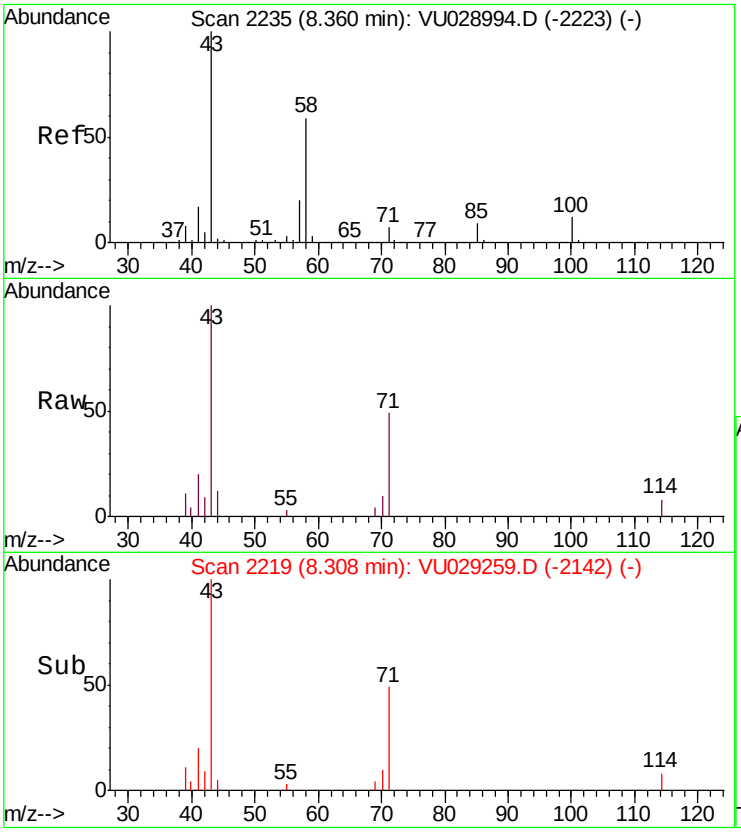


#57
1,3-Dichloropropane
Concen: 1.000 ug/l
RT: 8.41 min Scan# 2251
Delta R.T. 0.17 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 76 Resp: 2603

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



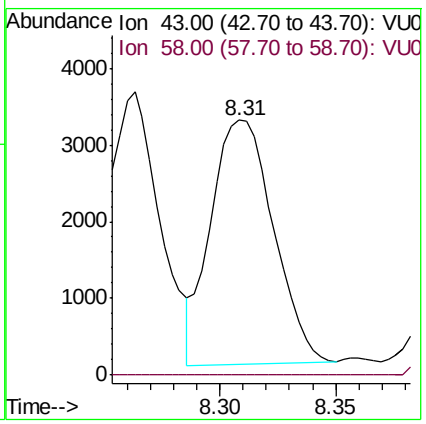


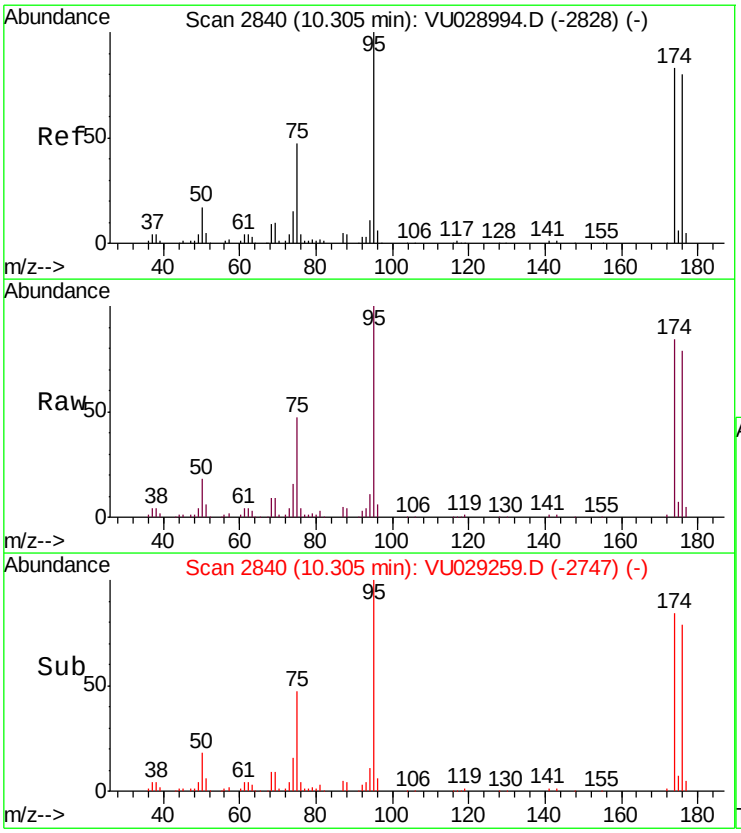
#59
2-Hexanone
Concen: 3.314 ug/l
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 43 Resp: 5959

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	89.4#

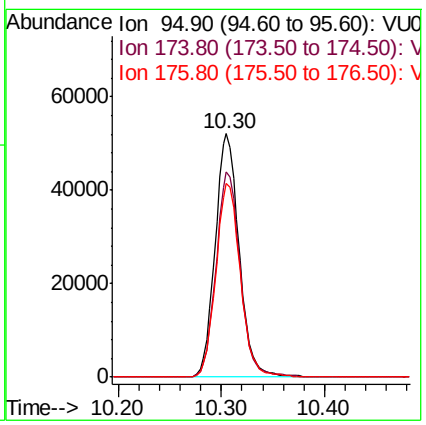


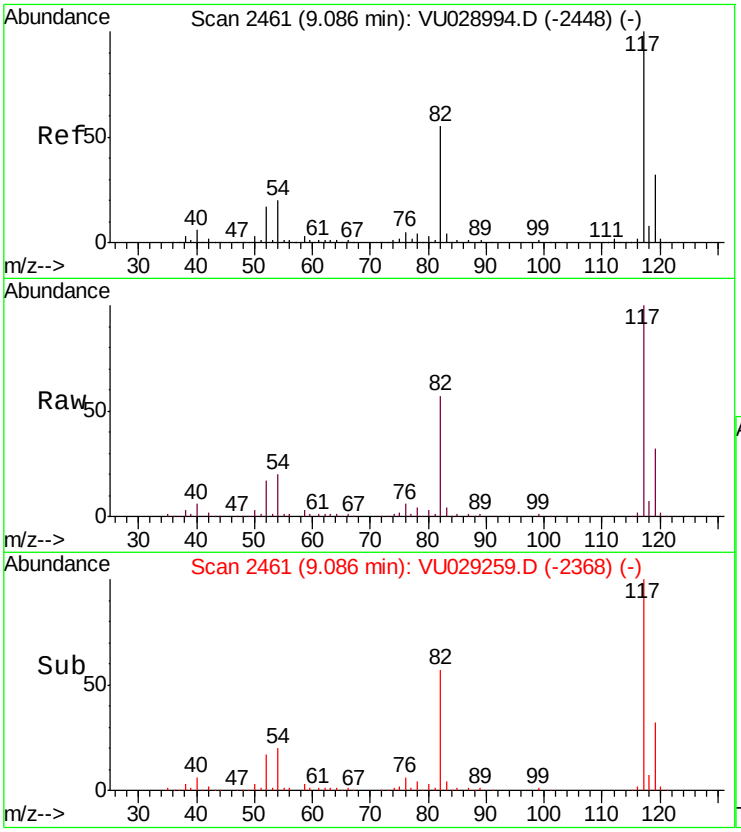


#62
4-Bromofluorobenzene
Concen: 45.614 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 95 Resp: 83909

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	170.6
176	81.4	0.0	165.0



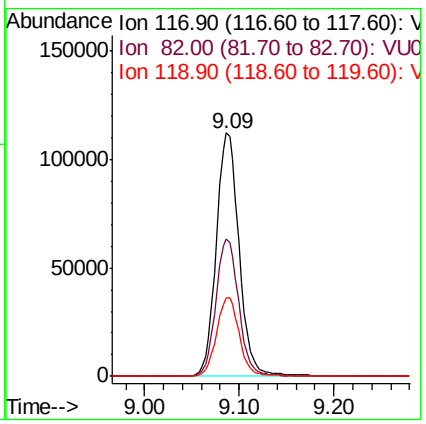


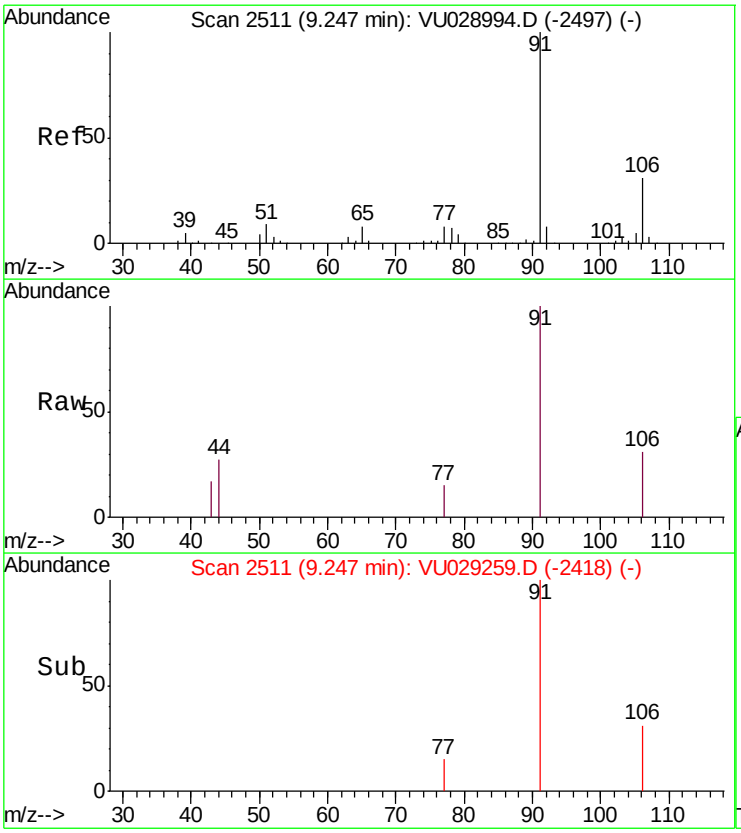
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion:117 Resp: 188913

Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.9	65.9
119	32.2	26.0	39.0

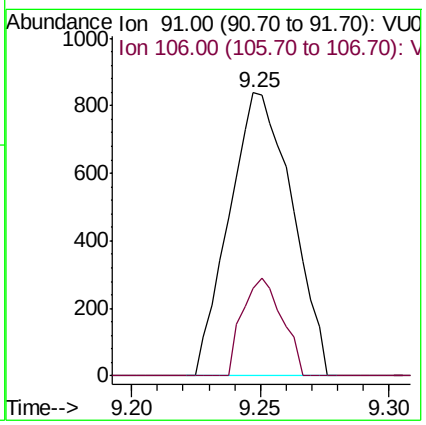


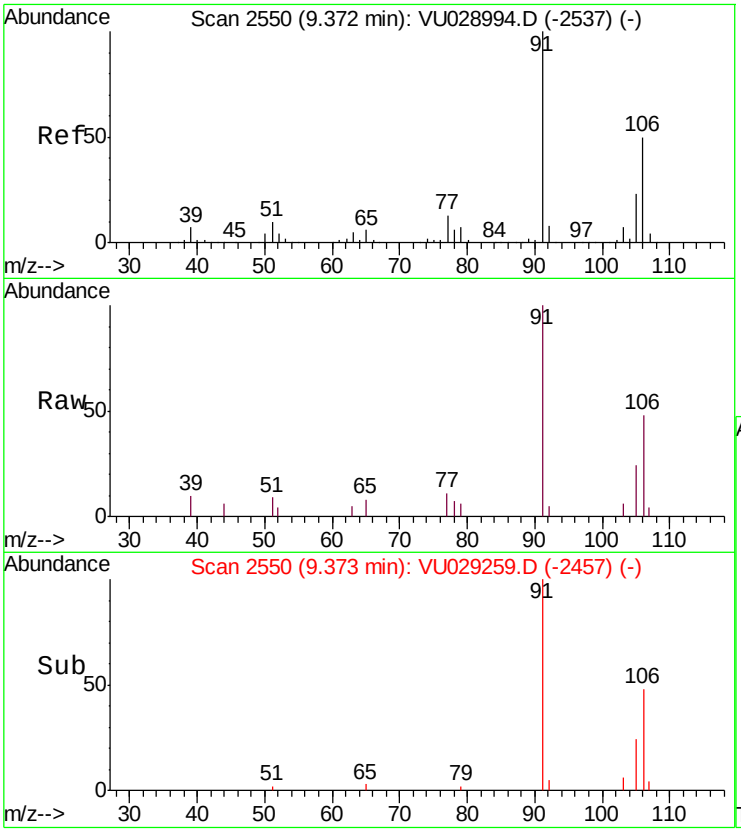


#67
Ethyl Benzene
Concen: 0.201 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 91 Resp: 1423

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.0	37.4



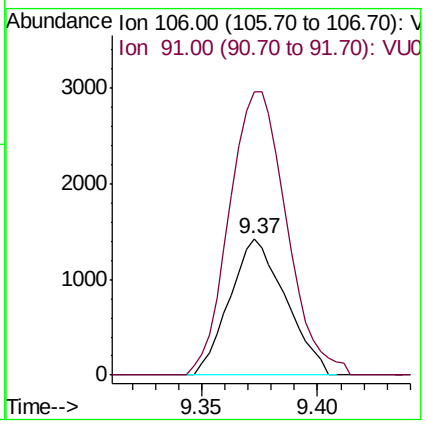


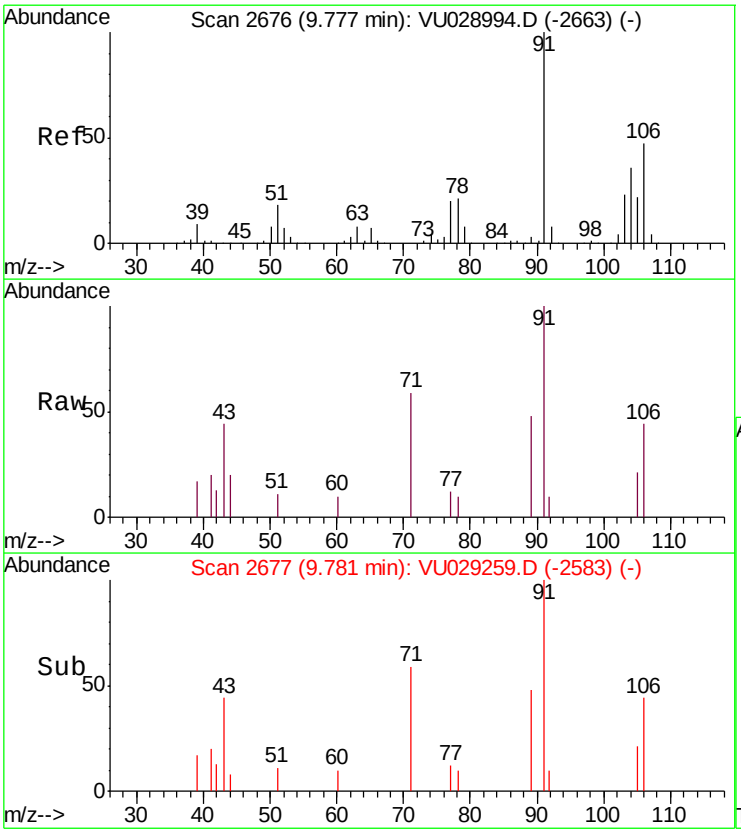
#68
m/p-Xylenes
Concen: 0.871 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion:106 Resp: 2393

Ion	Ratio	Lower	Upper
106	100		
91	213.2	161.7	242.5

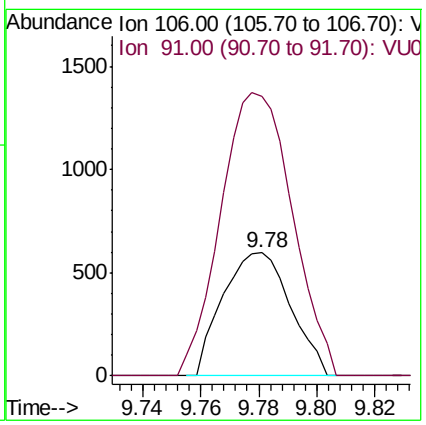


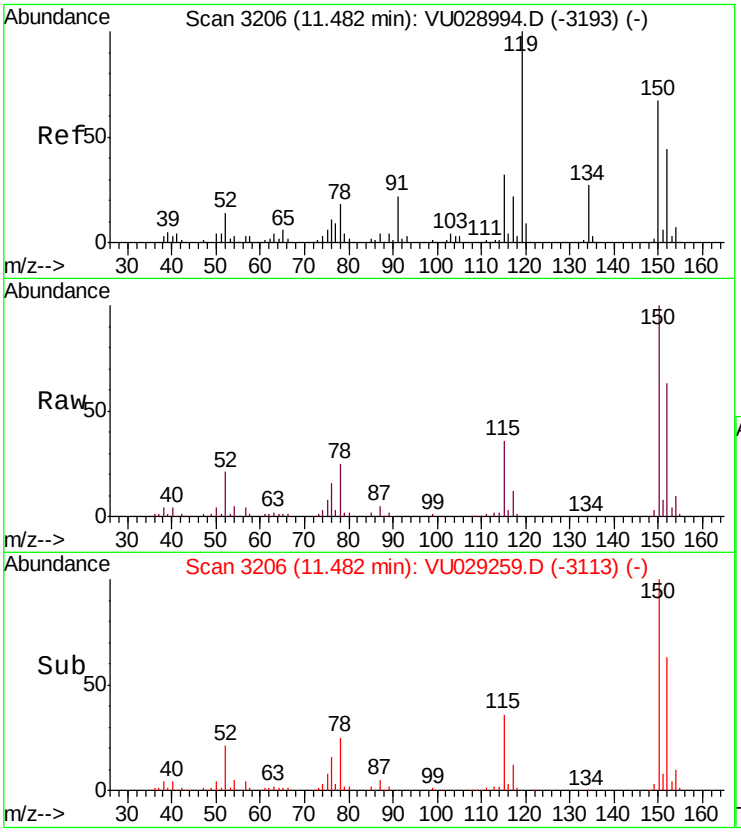


#69
o-Xylene
Concen: 0.366 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion:106 Resp: 969

Ion	Ratio	Lower	Upper
106	100		
91	242.7	106.1	318.3



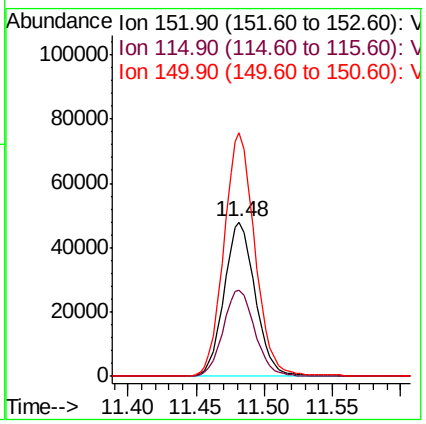


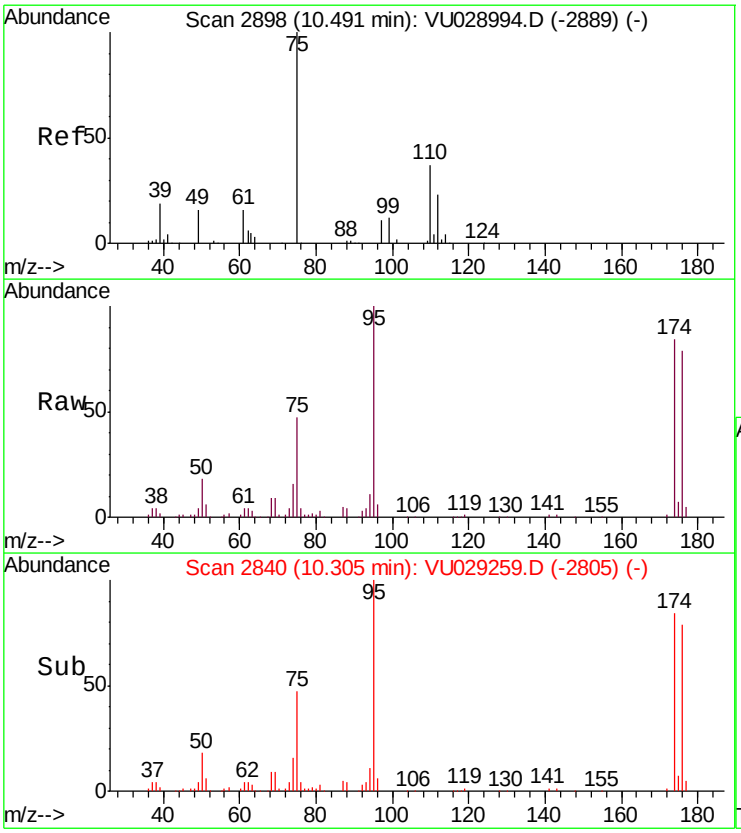
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion:152 Resp: 76098

Ion	Ratio	Lower	Upper
152	100		
115	57.1	40.1	120.3
150	157.2	0.0	345.2

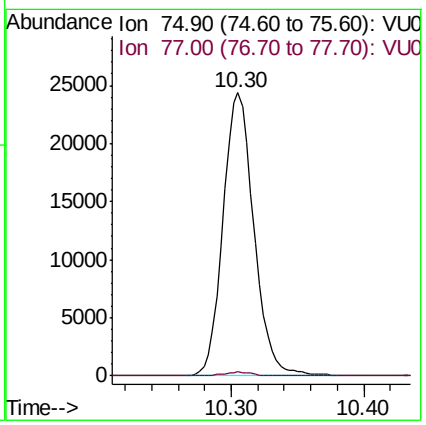


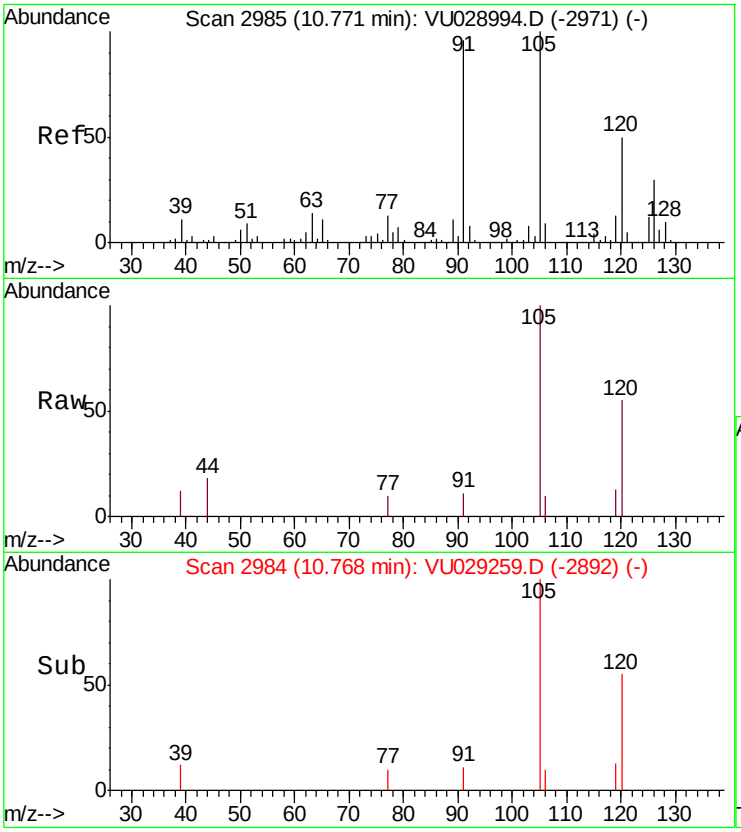


#76
1,2,3-Trichloropropane
Concen: 21.132 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 75 Resp: 39401

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.8#



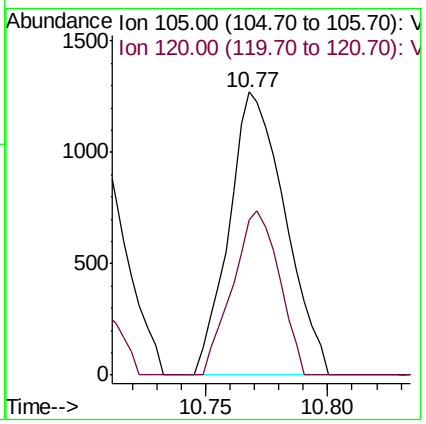


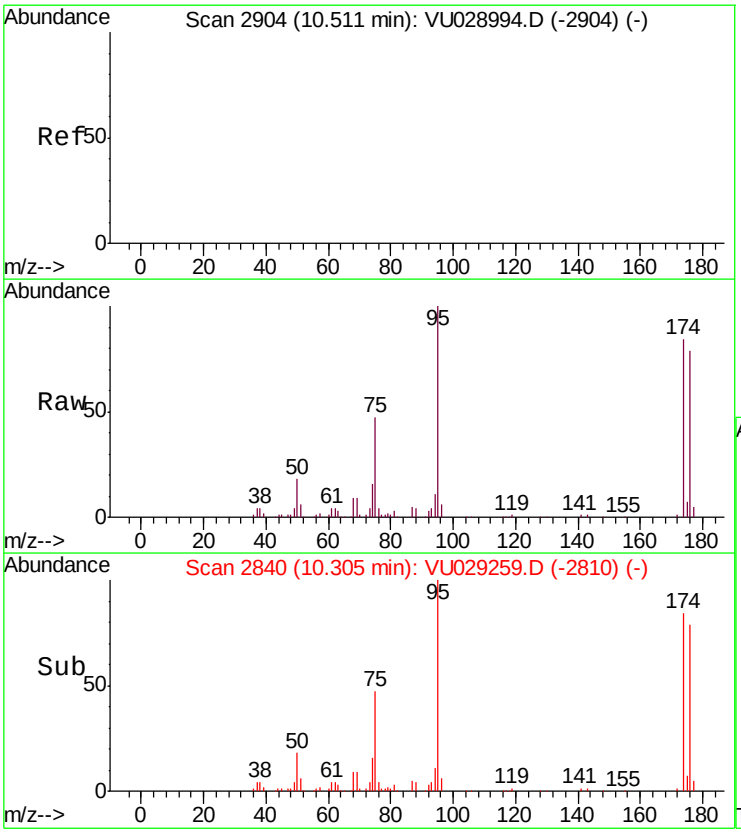
#80
1,3,5-Trimethylbenzene
Concen: 0.431 ug/l
RT: 10.77 min Scan# 2984
Delta R.T. -0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion:105 Resp: 2028

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.8	74.4

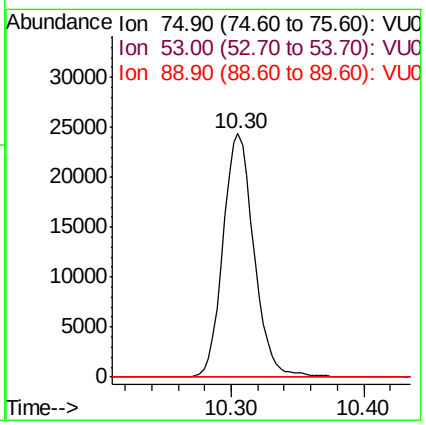


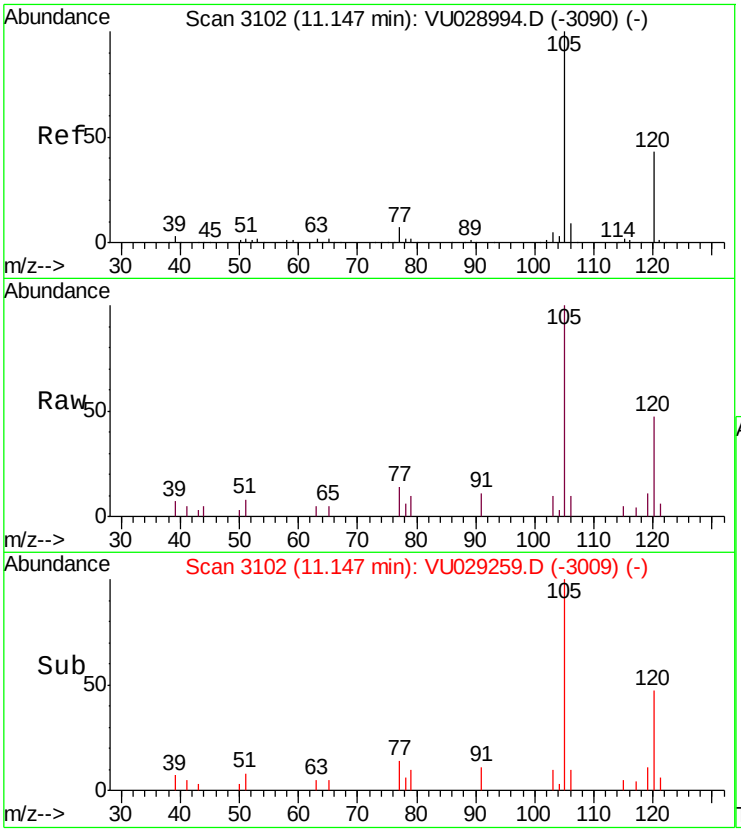


#81
trans-1,4-Dichloro-2-butene
Concen: 54.500 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 75 Resp: 39401

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



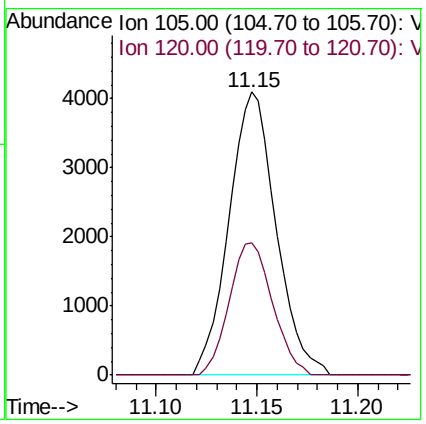


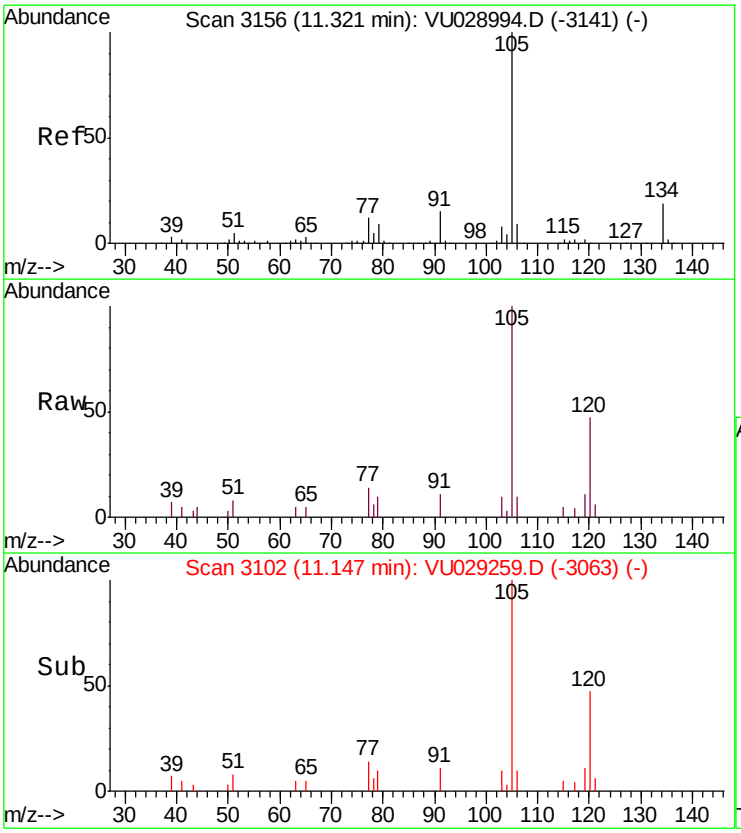
#84
1,2,4-Trimethylbenzene
Concen: 1.424 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion:105 Resp: 6687

Ion	Ratio	Lower	Upper
105	100		
120	43.0	23.1	69.3

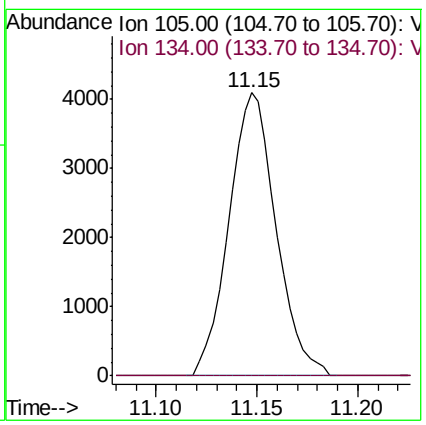


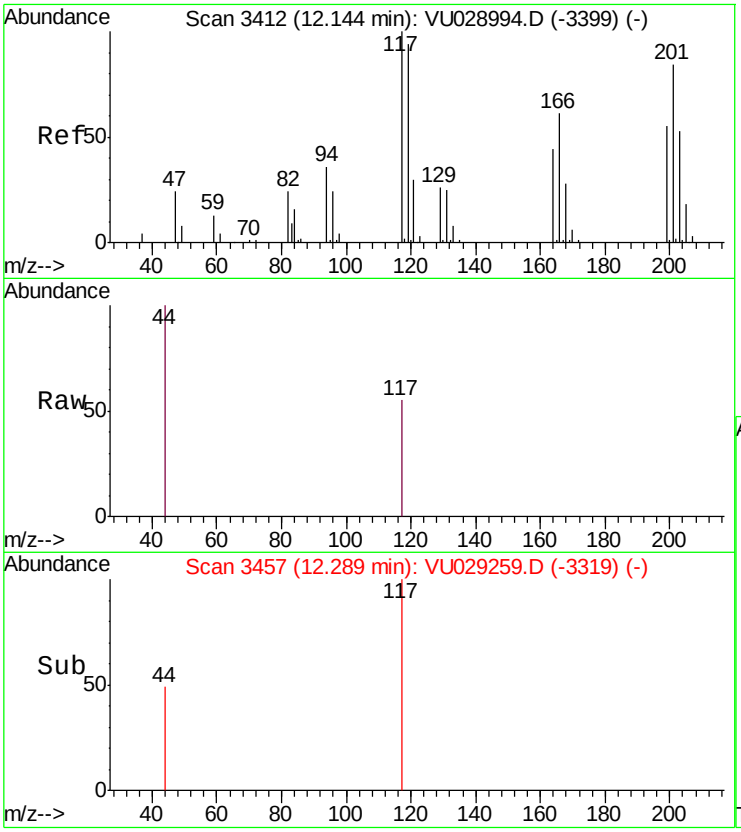


#85
sec-Butylbenzene
Concen: 1.193 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.17 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion:105 Resp: 6687

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.7	29.1#



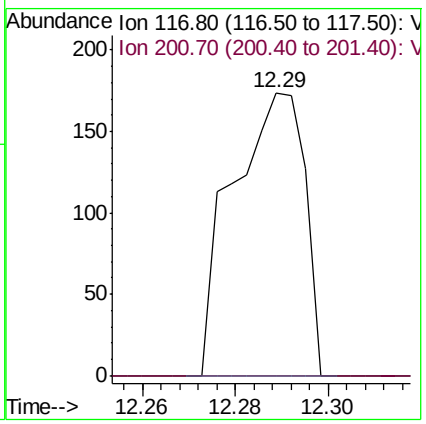


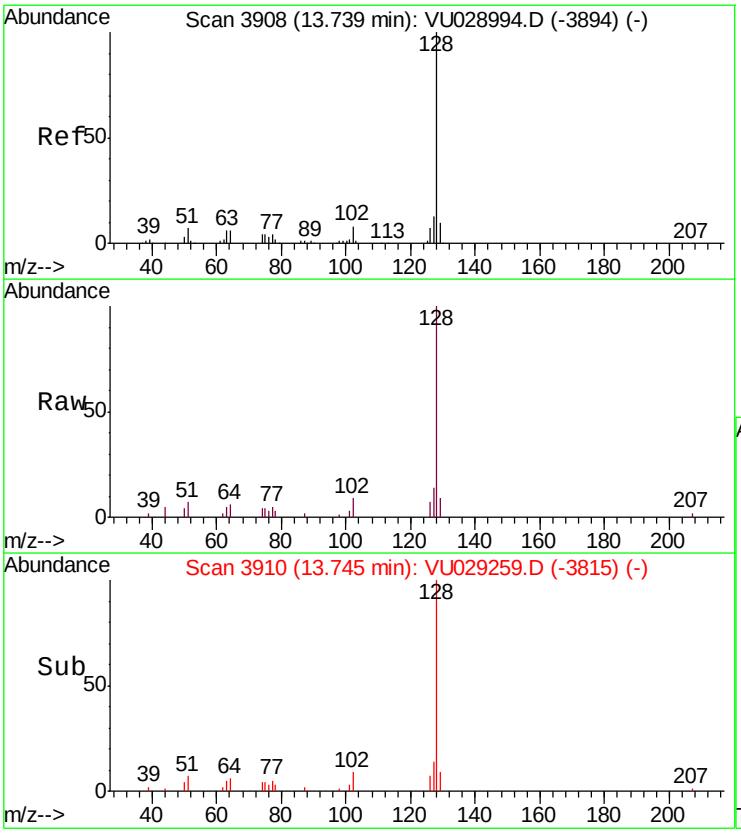
#90
Hexachloroethane
Concen: 0.235 ug/l
RT: 12.29 min Scan# 3457
Delta R.T. 0.14 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion:117 Resp: 189

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.4	127.3#





#95
Naphthalene
Concen: 3.073 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion:128 Resp: 18096

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	9.9	8.5	12.7