Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
Data File : VU028920.D
Acq On : 22 Dec 2018 17:25
Operator : MD/SY
Sample : J6426-08MEDL 100X
Misc : 4.36g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SS013-3036-01MEDL

Quant Time: Dec 24 04:47:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	184457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	301457	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	272053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	115394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	106384	37.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.58%			
35) Dibromofluoromethane	4.88	113	92767	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.80%			
50) Toluene-d8	7.56	98	372228	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.20%			
62) 4-Bromofluorobenzene	10.30	95	123861	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.32%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1258	0.277	ug/l	95
11) Tert butyl alcohol	2.83	59	1449	2.310	ug/l #	73
16) Acetone	2.32	43	452	0.246	ug/l #	44
20) Methylene Chloride	2.70	84	1201	0.444	ug/l #	81
23) Vinyl Acetate	3.31	43	2629	0.337	ug/l #	71
31) Cyclohexane	4.98	56	3689	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	12701	3.850	ug/l #	50
38) Carbon Tetrachloride	4.98	117	16225	6.102	ug/l #	16
39) Methylcyclohexane	6.41	83	1186	0.295	ug/l #	82
51) 4-Methyl-2-Pentanone	7.56	43	1338	0.315	ug/l #	1
52) Toluene	7.64	92	237815	41.591	ug/l	100
53) t-1,3-Dichloropropene	7.64	75	2519	0.670	ug/l #	1
67) Ethyl Benzene	9.25	91	103514	9.713	ug/l	97
68) m/p-Xylenes	9.37	106	263991	68.077	ug/l	95
69) o-Xylene	9.78	106	69261	18.379	ug/l	95
70) Styrene	9.78	104	3331	0.534	ug/l #	1
73) Isopropylbenzene	10.17	105	2339	0.264	ug/l	93
76) 1,2,3-Trichloropropane	10.30	75	57956	19.669	ug/l #	36
78) n-propylbenzene	10.59	91	3858	0.351	ug/l	98
79) 2-Chlorotoluene	10.68	91	1422	0.224	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	4347	0.593	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.30	75	57956	48.376	ug/l #	100
83) tert-Butylbenzene	11.15	119	1463	0.207	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.15	105	12307	1.629	ug/l	95
86) p-Isopropyltoluene	11.48	119	3084	0.400	ug/l	89
88) 1,4-Dichlorobenzene	11.50	146	1186	0.293	ug/l #	66
92) 1,2-Dibromo-3-Chloropropan	12.48	75	640	0.869	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.51	180	1893	1.536	ug/l	83
95) Naphthalene	13.75	128	13345	1.422	ug/l	97
96) 1,2,3-Trichlorobenzene	13.99	180	548	0.351	ug/l #	82

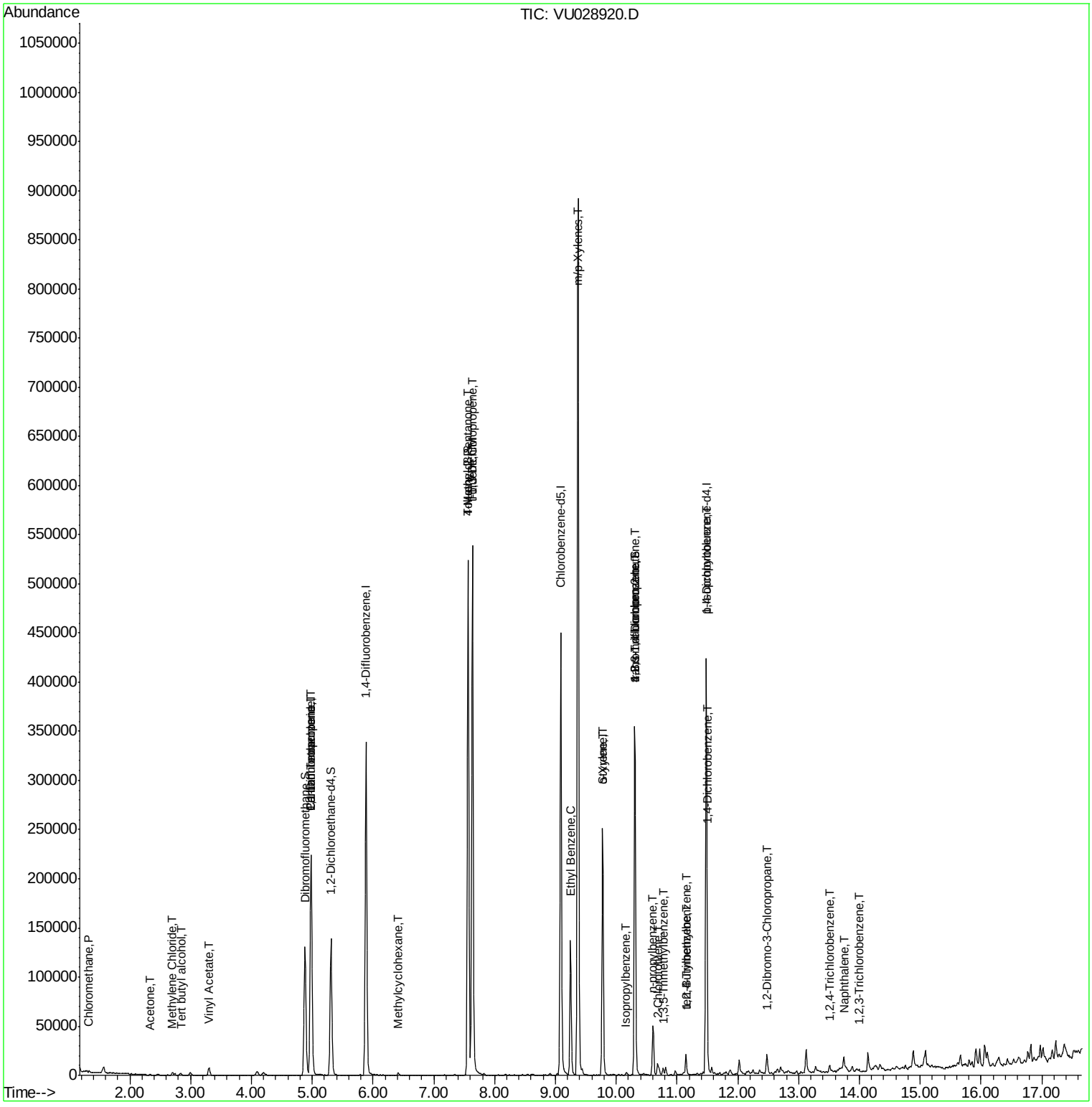
(#) = qualifier out of range (m) = manual integration (+) = signals summed

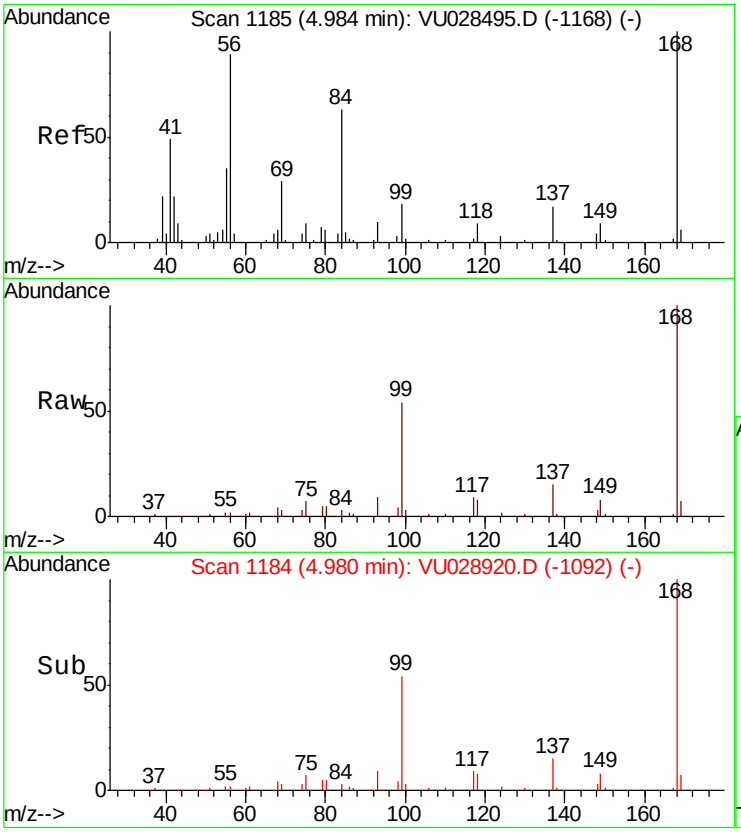
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
Data File : VU028920.D
Acq On : 22 Dec 2018 17:25
Operator : MD/SY
Sample : J6426-08MEDL 100X
Misc : 4.36g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Quant Time: Dec 24 04:47:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration



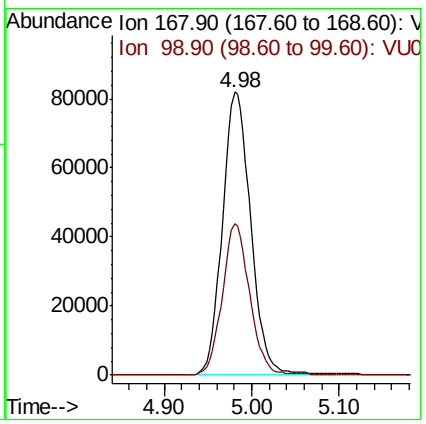


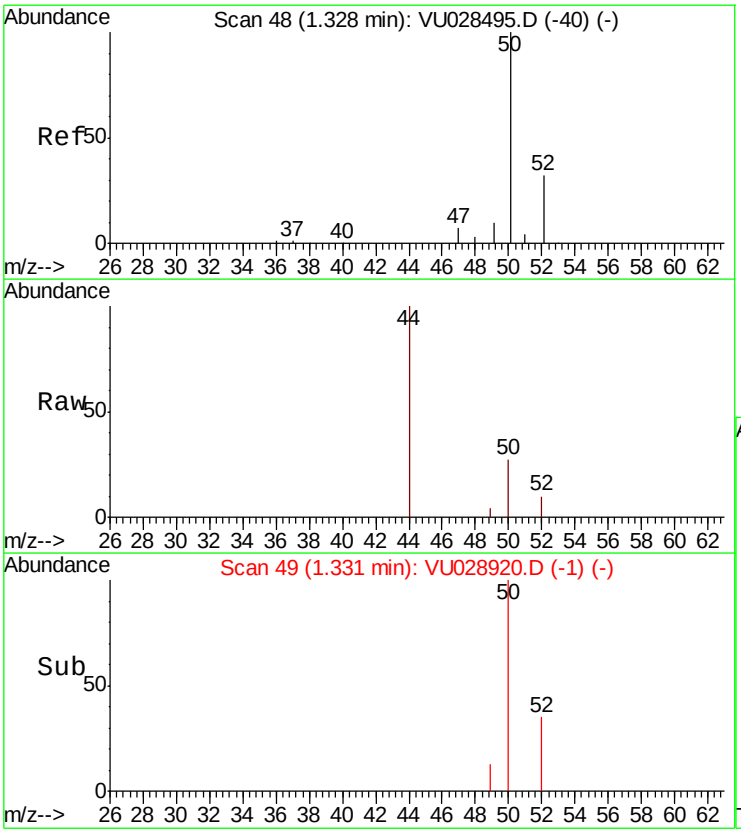
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion:168 Resp: 184457

Ion	Ratio	Lower	Upper
168	100		
99	53.5	46.6	69.8

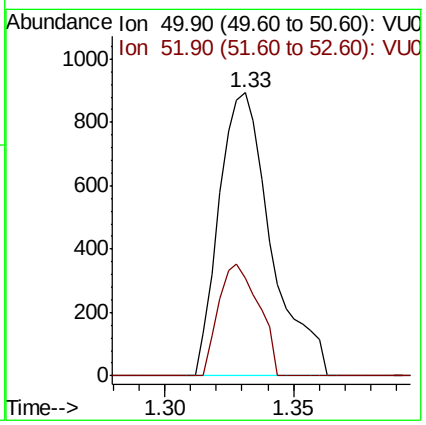


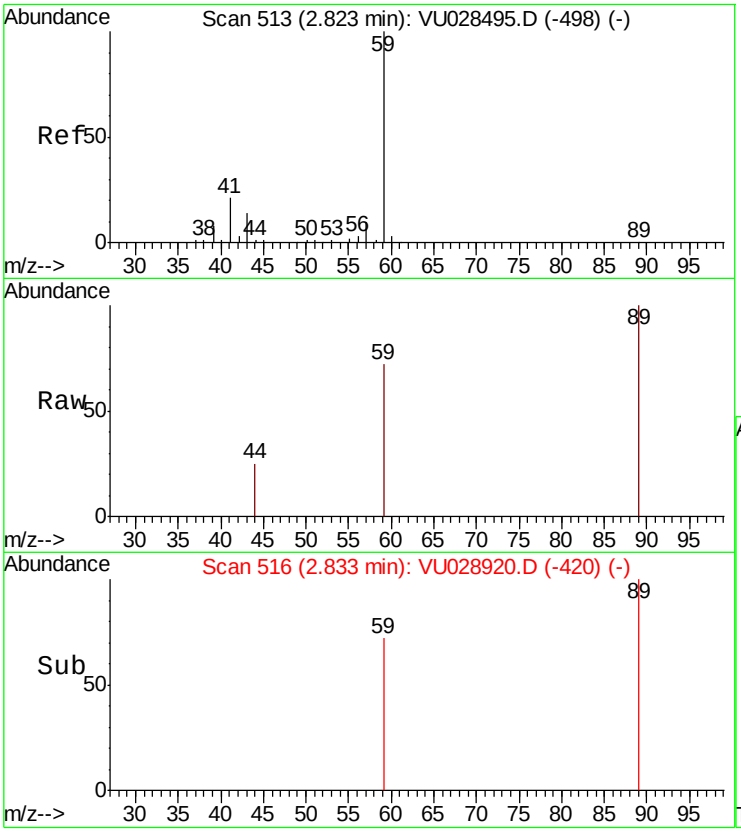


#3
Chloromethane
Concen: 0.277 ug/l
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 50 Resp: 1258

Ion	Ratio	Lower	Upper
50	100		
52	34.6	25.5	38.3



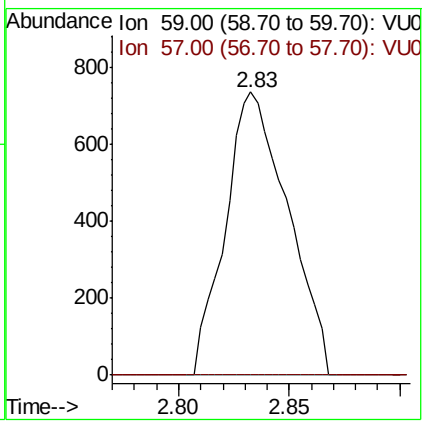


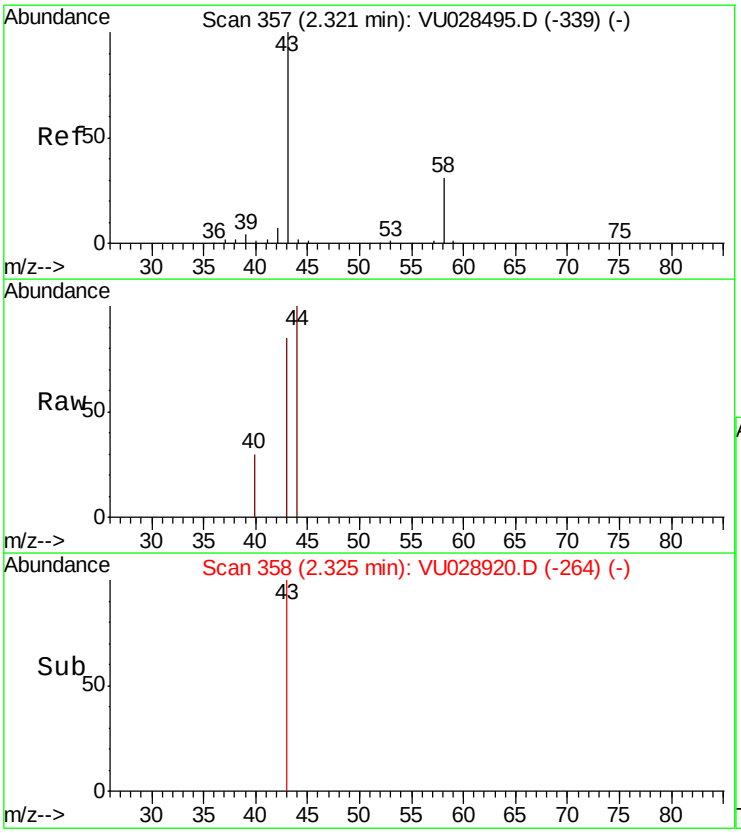
#11
Tert butyl alcohol
Concen: 2.310 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion: 59 Resp: 1449

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

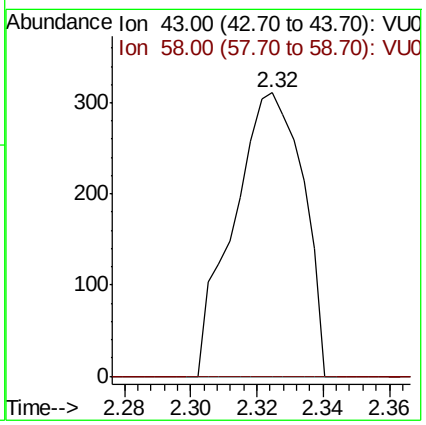


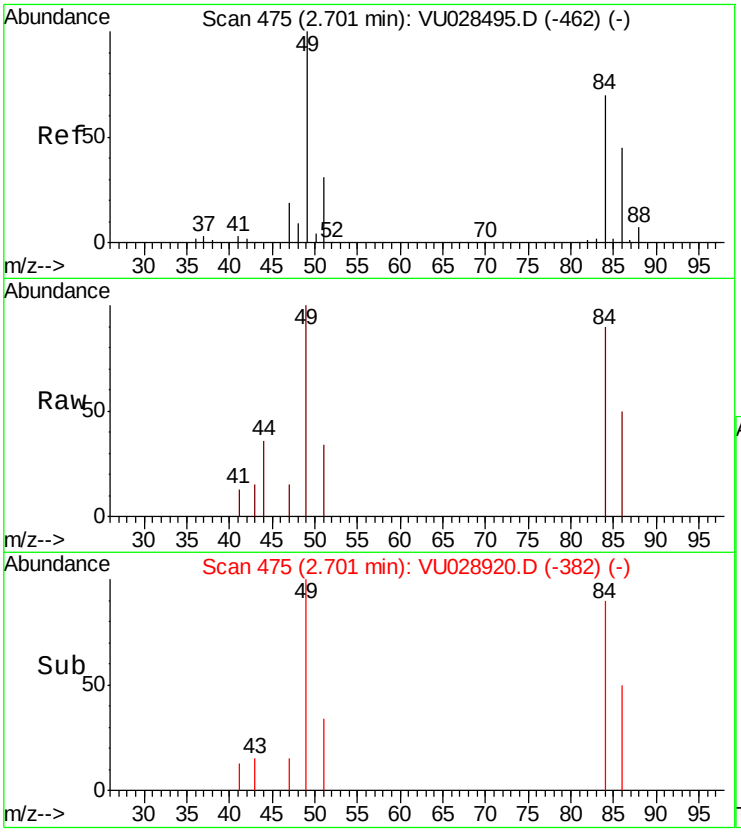


#16
Acetone
Concen: 0.246 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 43 Resp: 452

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.6	37.0#



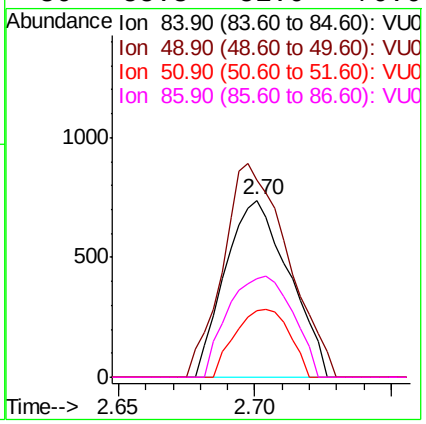


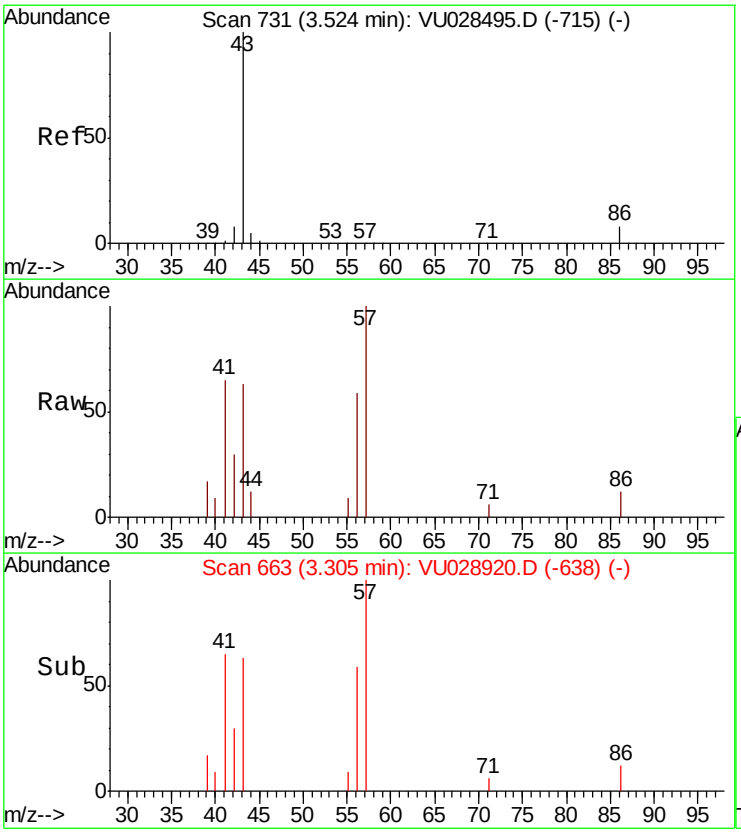
#20
Methylene Chloride
Concen: 0.444 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion: 84 Resp: 1201

Ion	Ratio	Lower	Upper
84	100		
49	111.4	114.0	171.0#
51	37.6	35.1	52.7
86	55.3	51.0	76.6

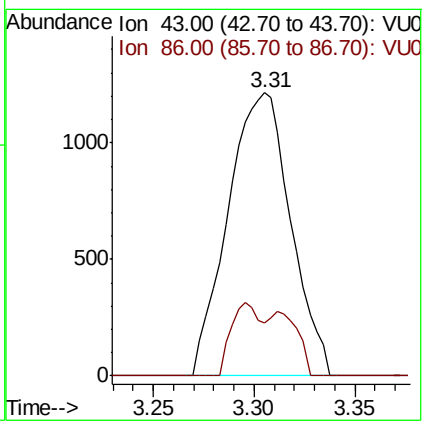


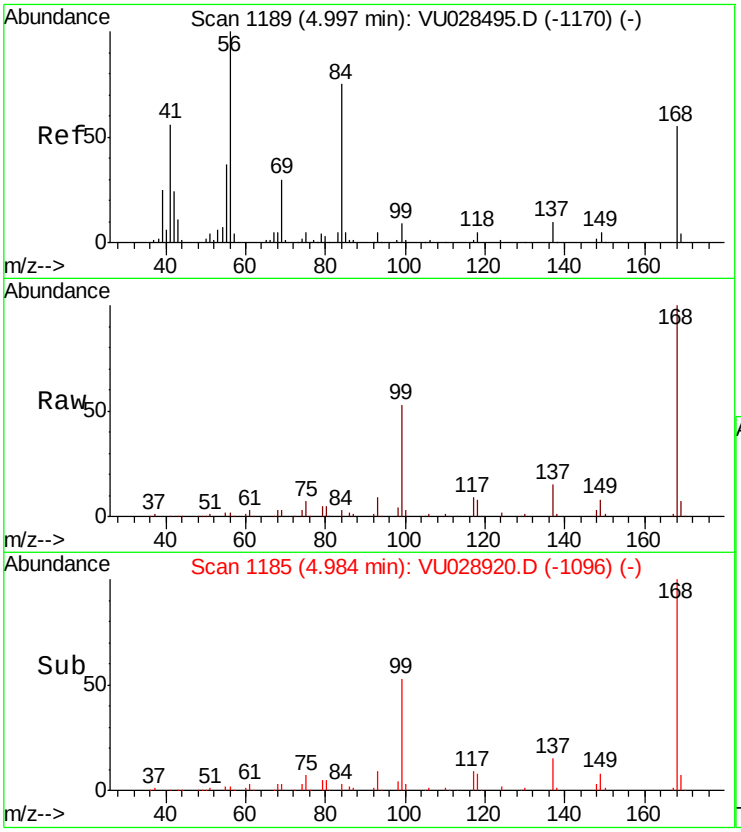


#23
Vinyl Acetate
Concen: 0.337 ug/l
RT: 3.31 min Scan# 663
Delta R.T. -0.22 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 43 Resp: 2629

Ion	Ratio	Lower	Upper
43	100		
86	18.9	6.8	10.2#



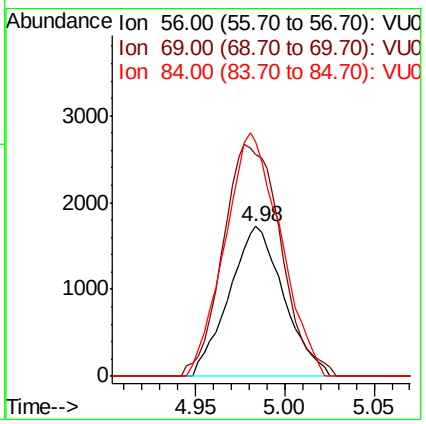


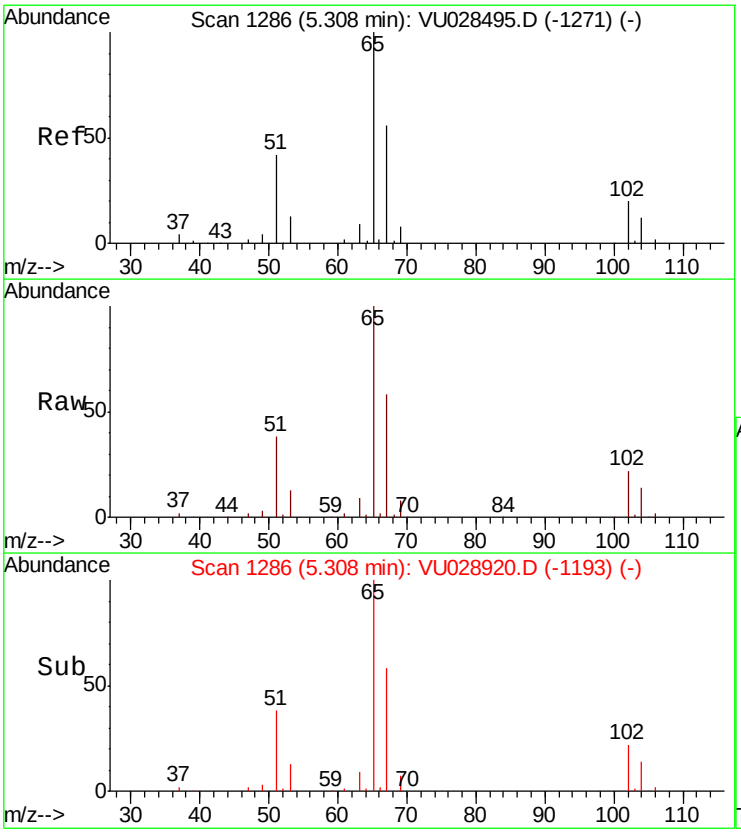
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion: 56 Resp: 3689

Ion	Ratio	Lower	Upper
56	100		
69	148.4	24.0	36.0#
84	156.7	59.7	89.5#

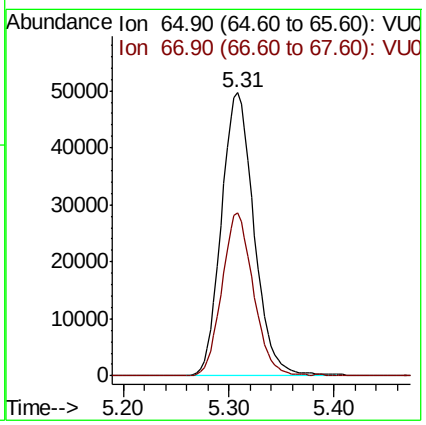


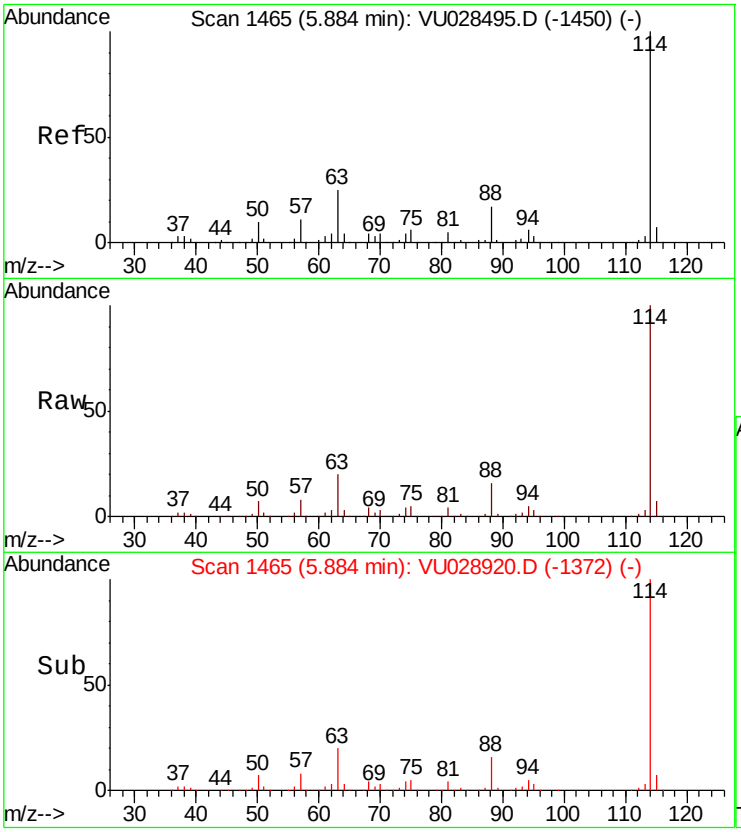


#33
1,2-Dichloroethane-d4
Concen: 37.793 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 65 Resp: 106384

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	110.6



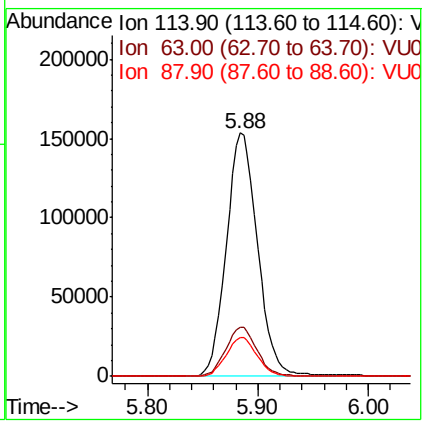


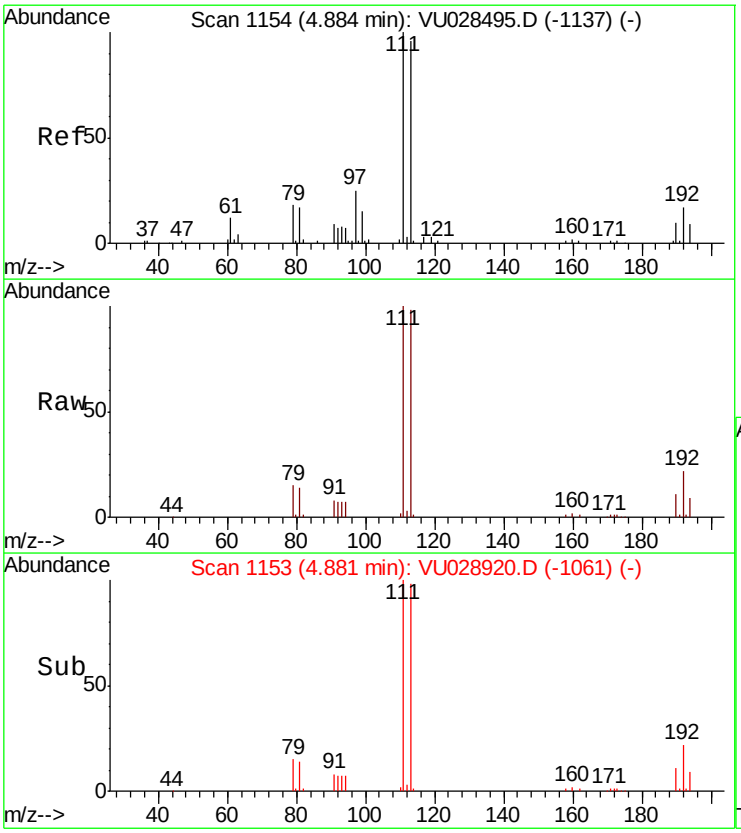
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion:114 Resp: 301457

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	49.2
88	16.0	0.0	33.4

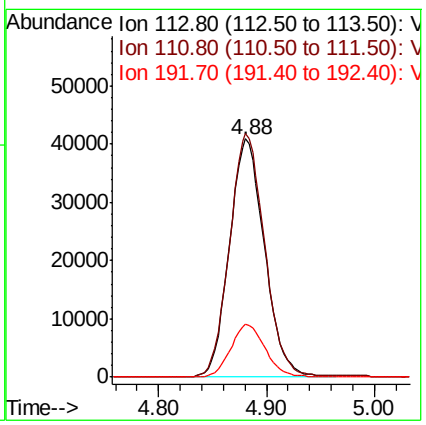


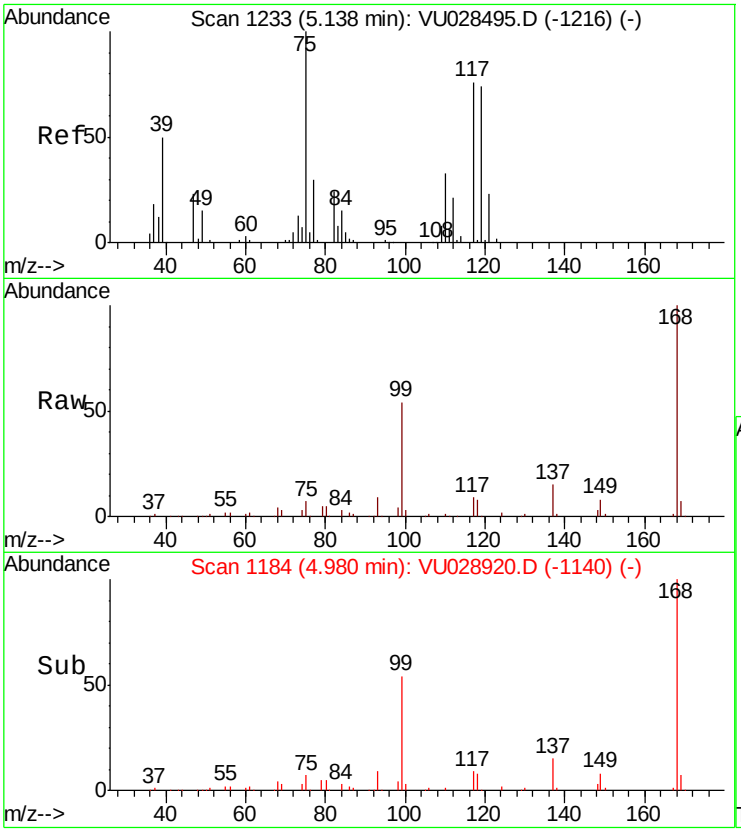


#35
Dibromofluoromethane
Concen: 48.900 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion:113 Resp: 92767

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.0
192	21.7	14.8	22.2



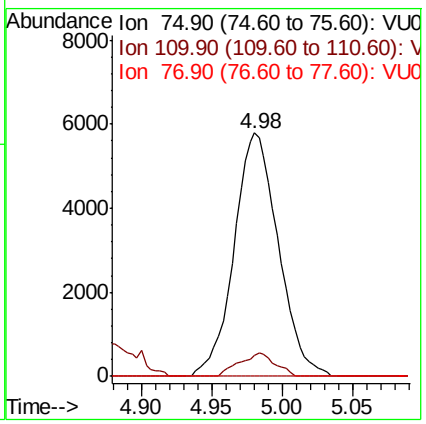


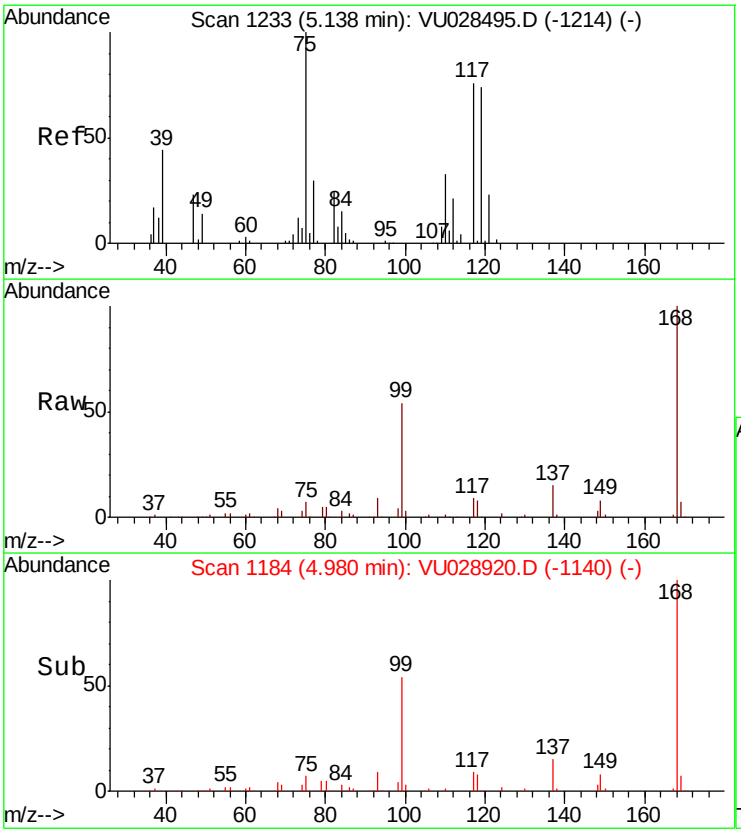
#36
1,1-Dichloropropene
Concen: 3.850 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion: 75 Resp: 12701

Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.1	48.2#
77	0.0	24.5	36.7#

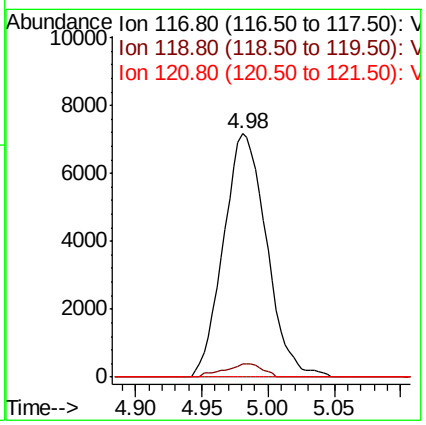


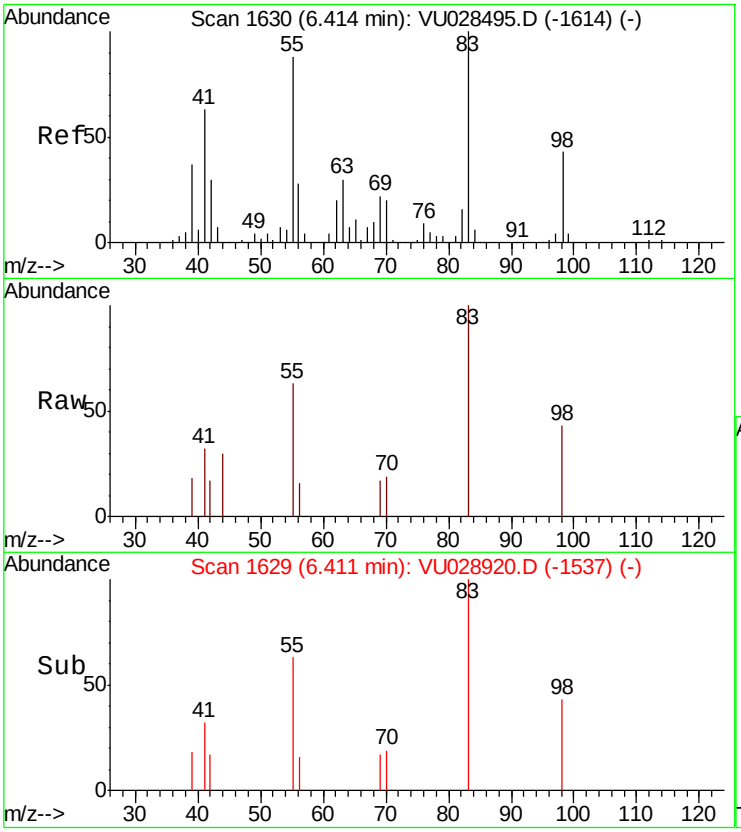


#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion:117 Resp: 16225

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.6	116.4#
121	0.0	24.6	36.8#



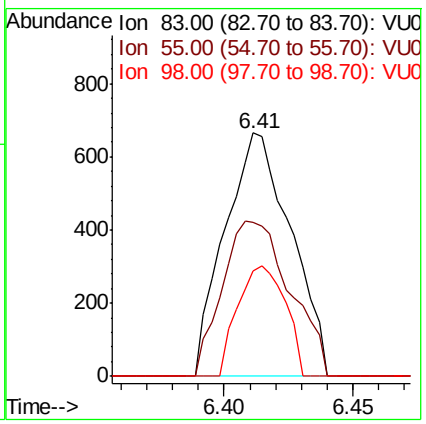


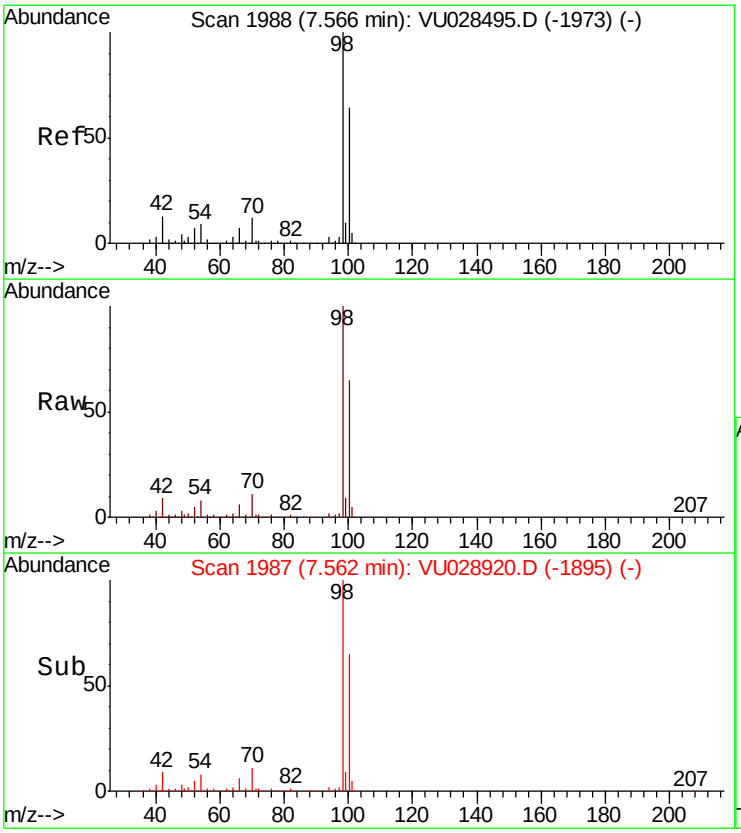
#39
Methylcyclohexane
Concen: 0.295 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion: 83 Resp: 1186

Ion	Ratio	Lower	Upper
83	100		
55	63.1	70.2	105.2#
98	43.4	34.2	51.4

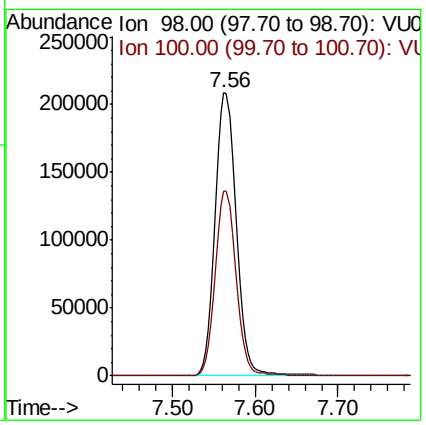


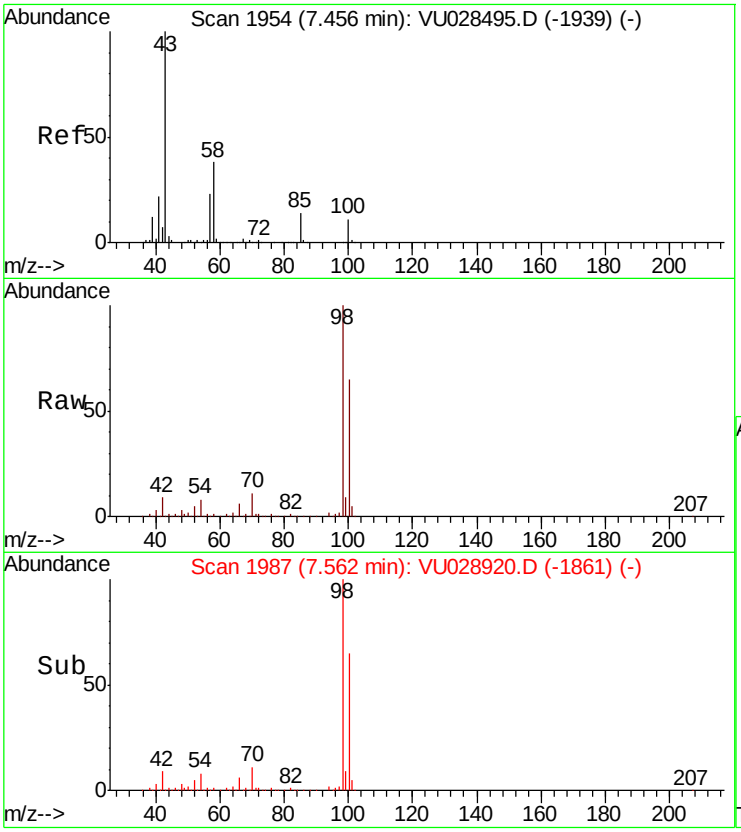


#50
Toluene-d8
Concen: 49.600 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 98 Resp: 372228

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.0	76.6



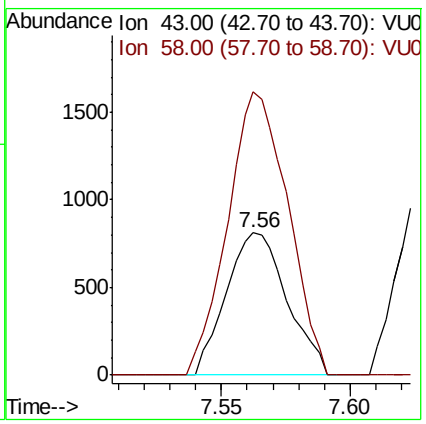


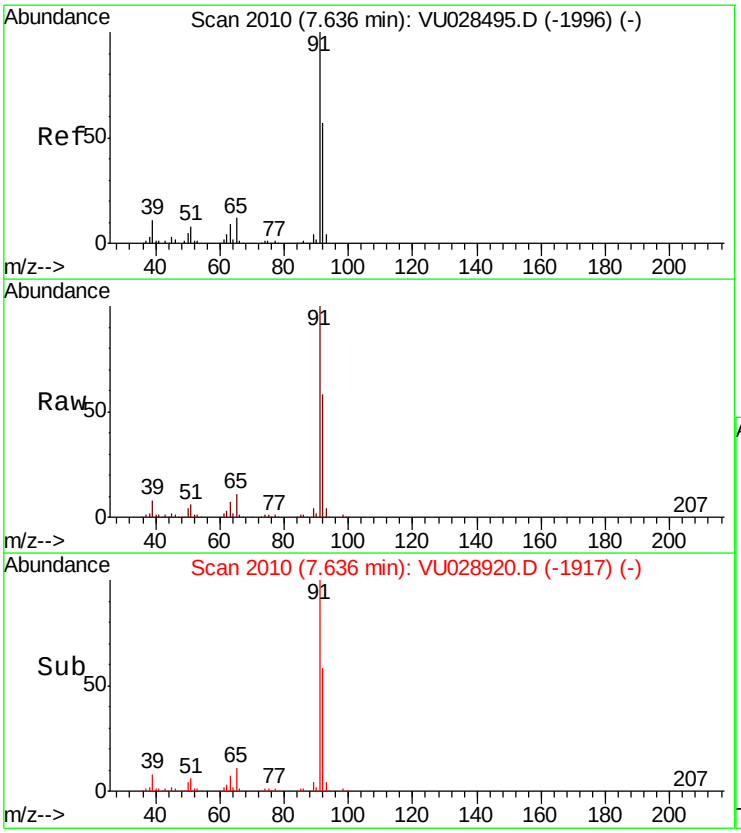
#51
4-Methyl-2-Pentanone
Concen: 0.315 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.11 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion: 43 Resp: 1338

Ion	Ratio	Lower	Upper
43	100		
58	196.8	30.2	45.2#

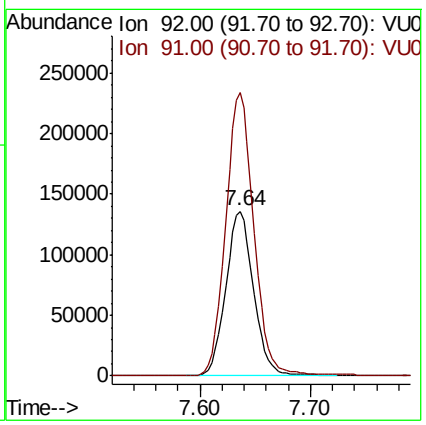


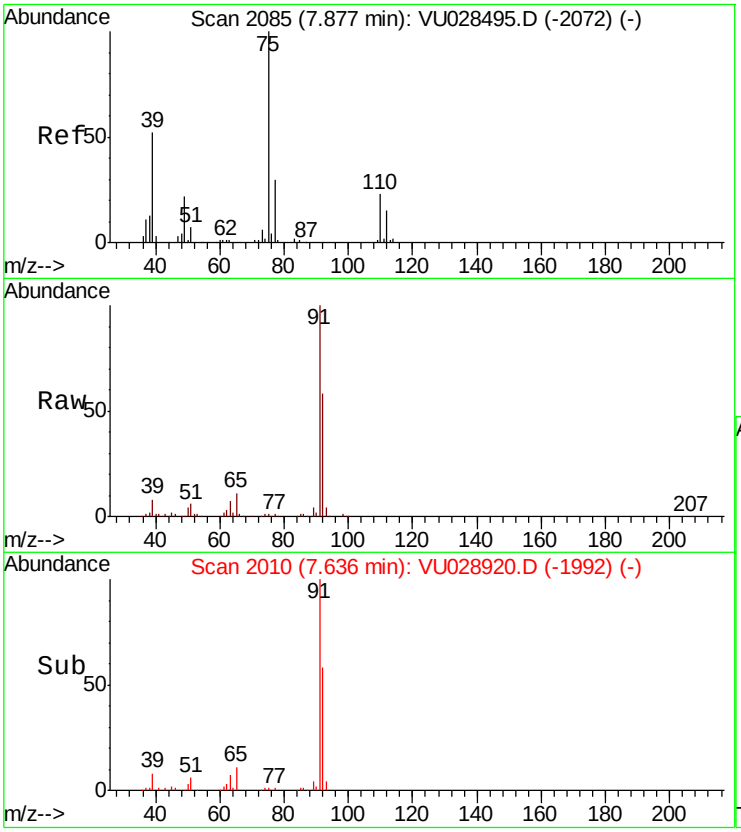


#52
Toluene
Concen: 41.591 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 92 Resp: 237815

Ion	Ratio	Lower	Upper
92	100		
91	175.2	140.2	210.4



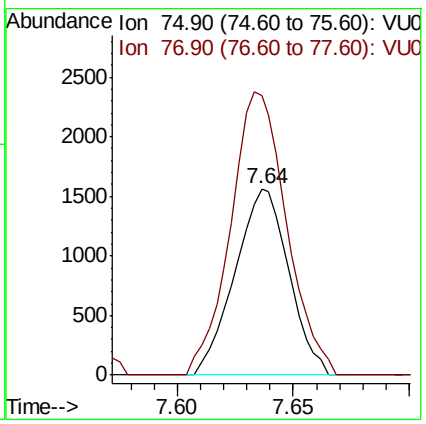


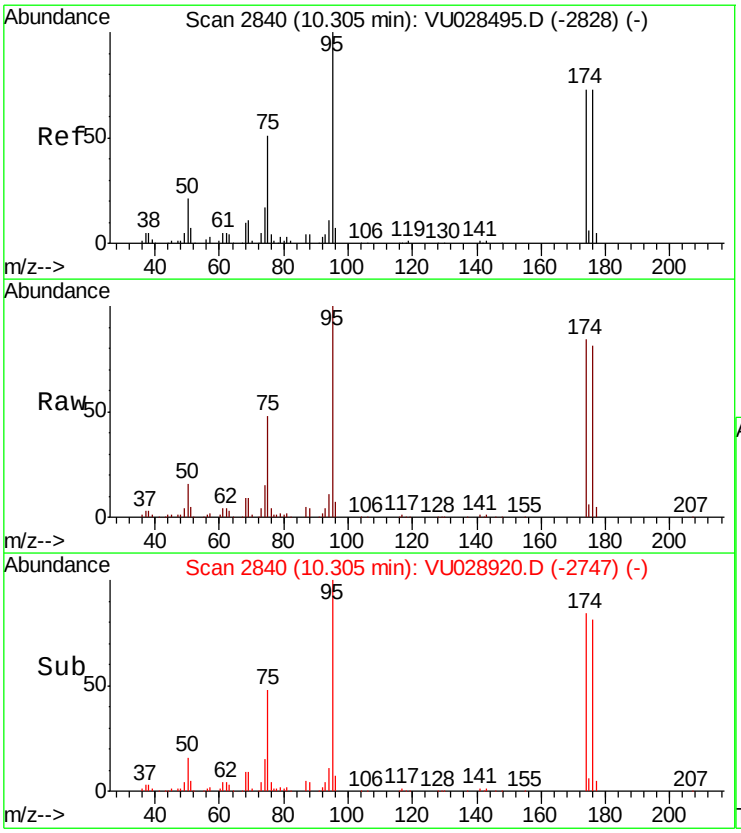
#53
t-1,3-Dichloropropene
Concen: 0.670 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.24 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion: 75 Resp: 2519

Ion	Ratio	Lower	Upper
75	100		
77	149.7	24.2	36.4#

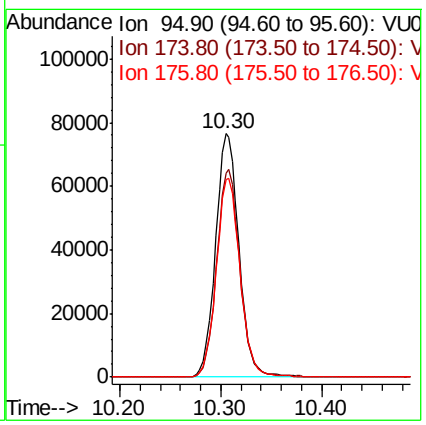


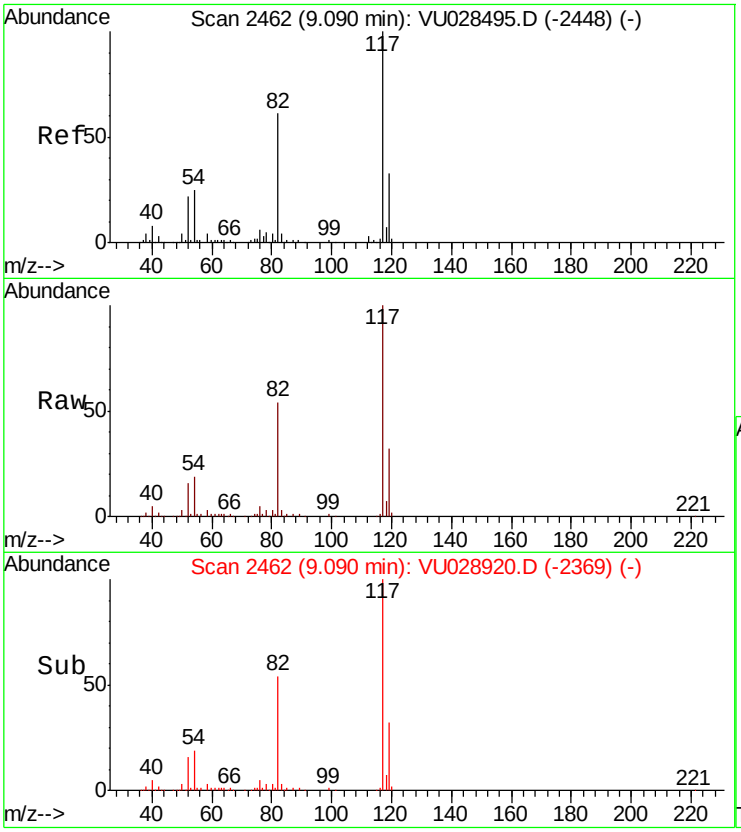


#62
4-Bromofluorobenzene
Concen: 44.158 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 95 Resp: 123861

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	150.4
176	83.0	0.0	145.2



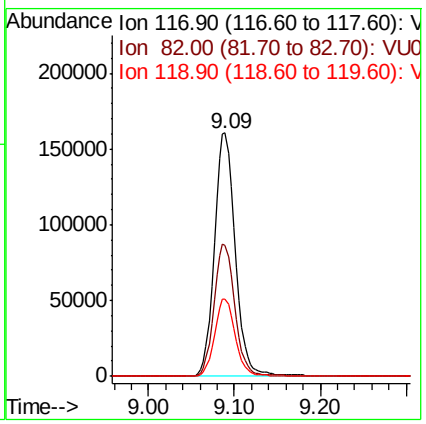


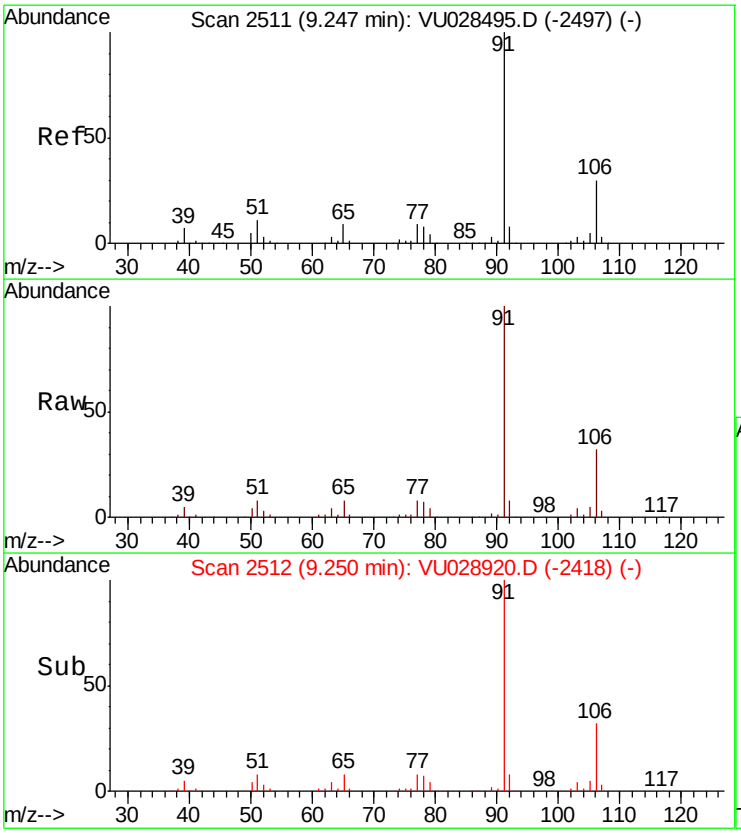
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument : MSVOA_U
ClientSampleId : P001-SS013-3036-01MEDL

Tgt Ion:117 Resp: 272053

Ion	Ratio	Lower	Upper
117	100		
82	53.9	48.9	73.3
119	31.9	26.2	39.4

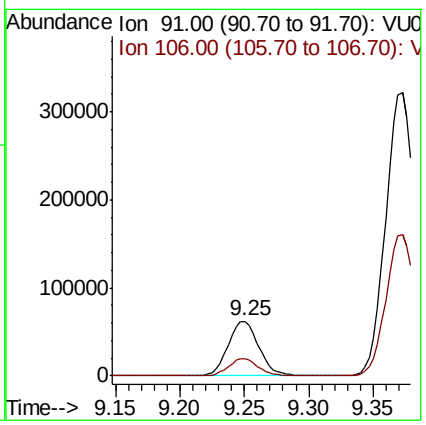


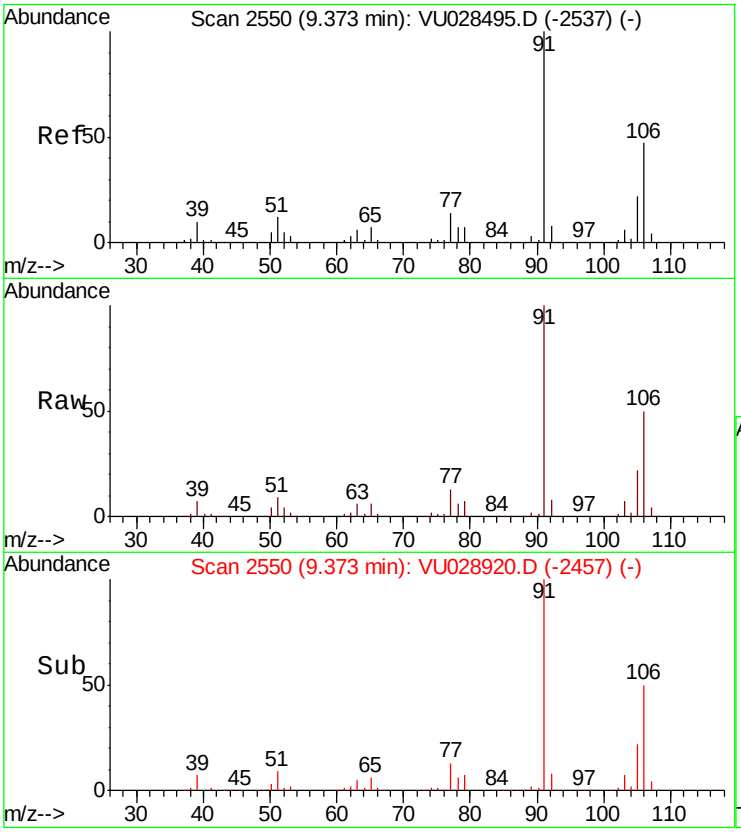


#67
Ethyl Benzene
Concen: 9.713 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 91 Resp: 103514

Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.1	36.1



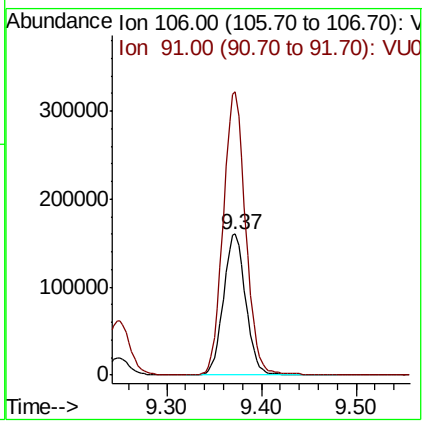


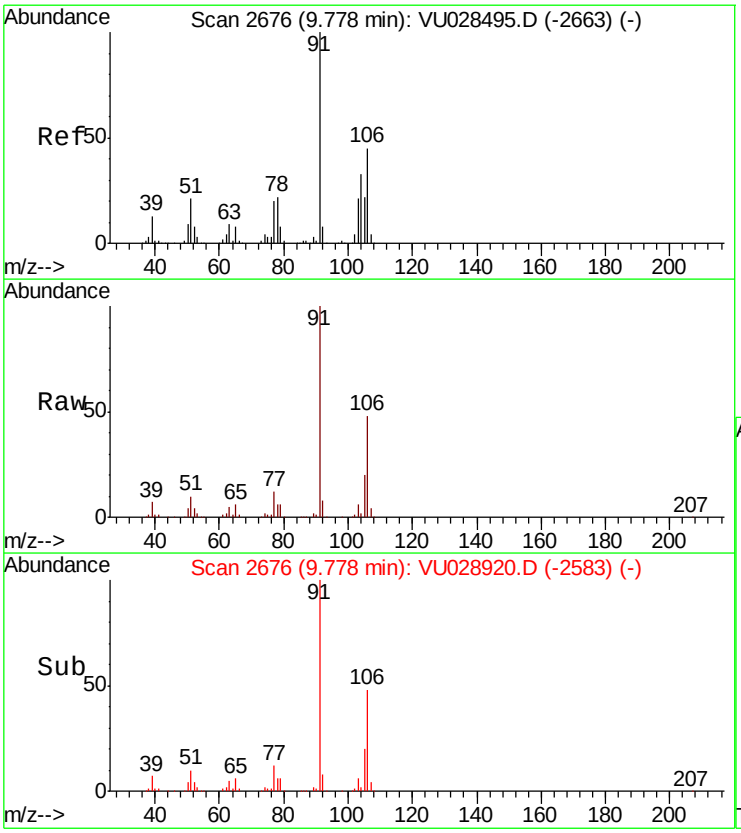
#68
m/p-Xylenes
Concen: 68.077 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion:106 Resp: 263991

Ion	Ratio	Lower	Upper
106	100		
91	200.7	167.4	251.0

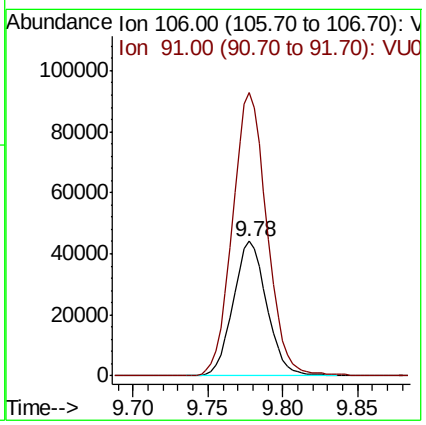


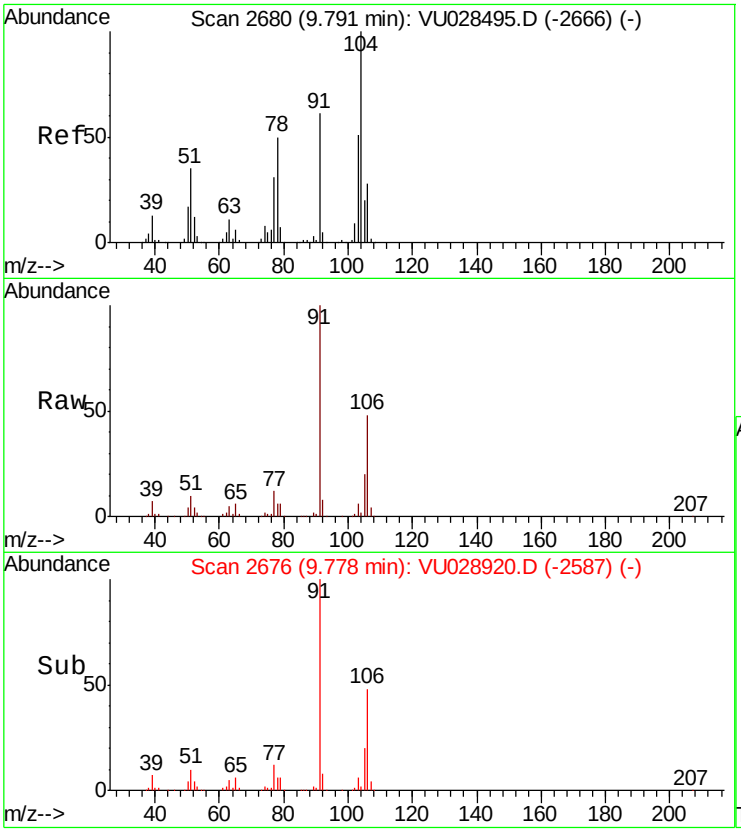


#69
o-Xylene
Concen: 18.379 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion:106 Resp: 69261

Ion	Ratio	Lower	Upper
106	100		
91	214.9	111.3	334.0



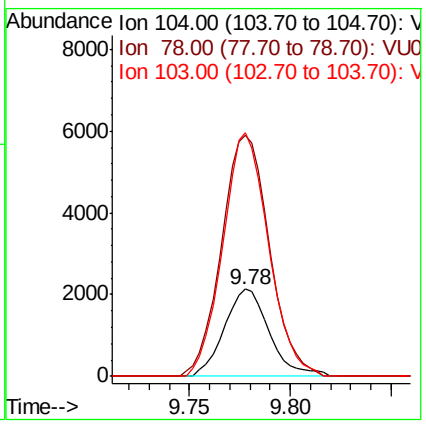


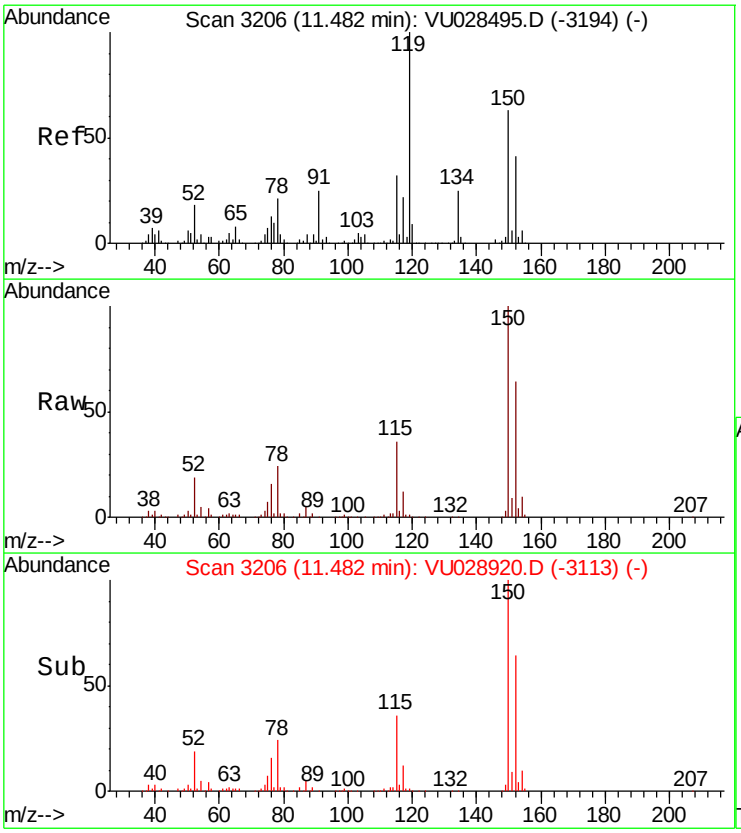
#70
Styrene
Concen: 0.534 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument : MSVOA_U
ClientSampleId : P001-SS013-3036-01MEDL

Tgt Ion:104 Resp: 3331

Ion	Ratio	Lower	Upper
104	100		
78	293.8	43.0	64.6#
103	283.0	44.2	66.4#

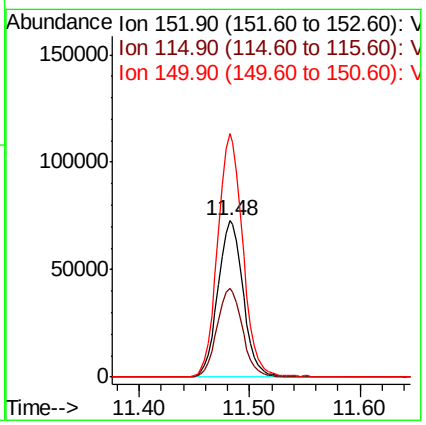


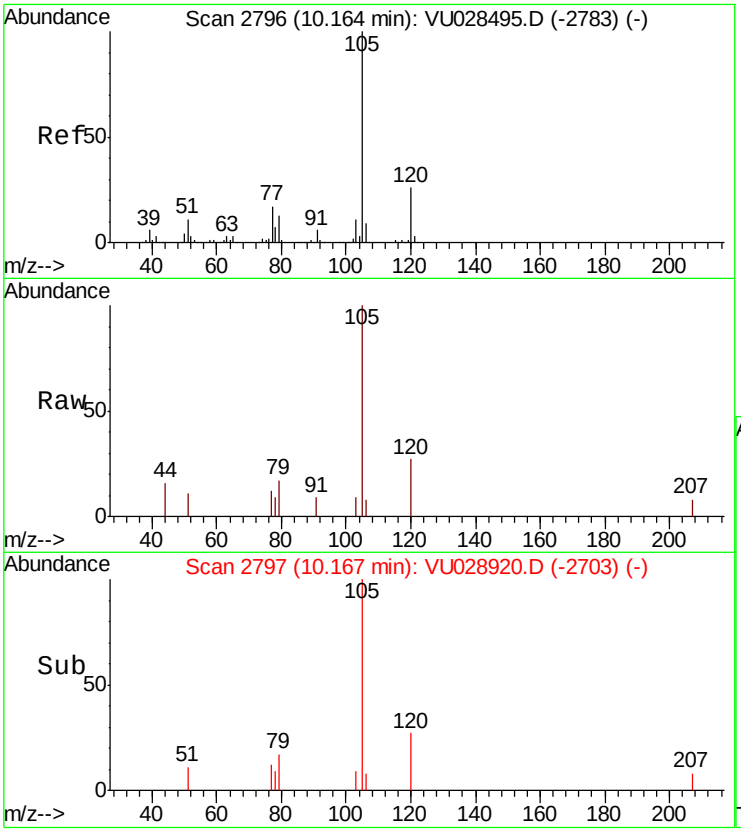


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion:152 Resp: 115394

Ion	Ratio	Lower	Upper
152	100		
115	57.2	42.7	128.1
150	154.4	0.0	346.0



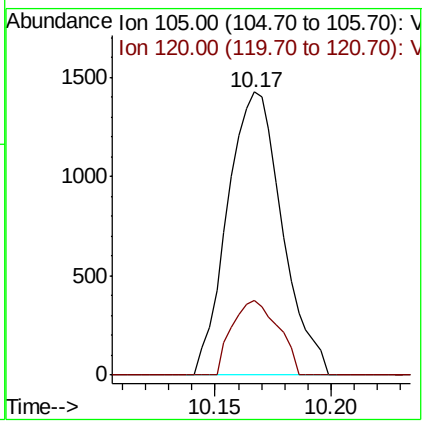


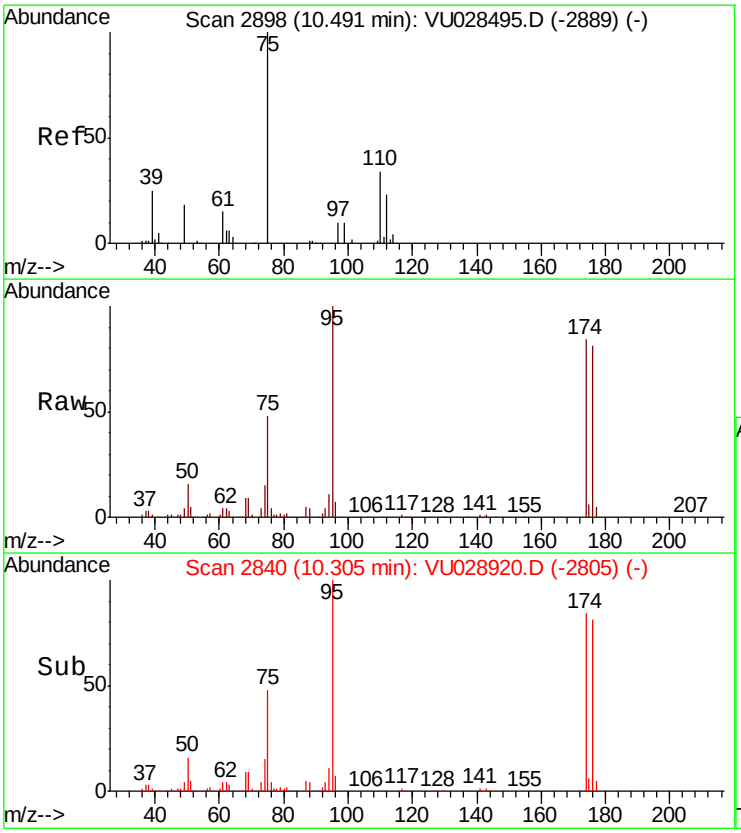
#73
Isopropylbenzene
Concen: 0.264 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion:105 Resp: 2339

Ion	Ratio	Lower	Upper
105	100		
120	22.2	12.9	38.6

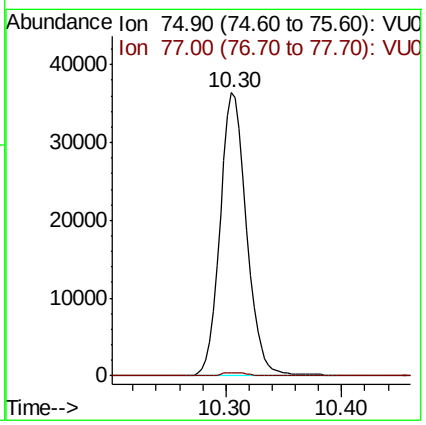


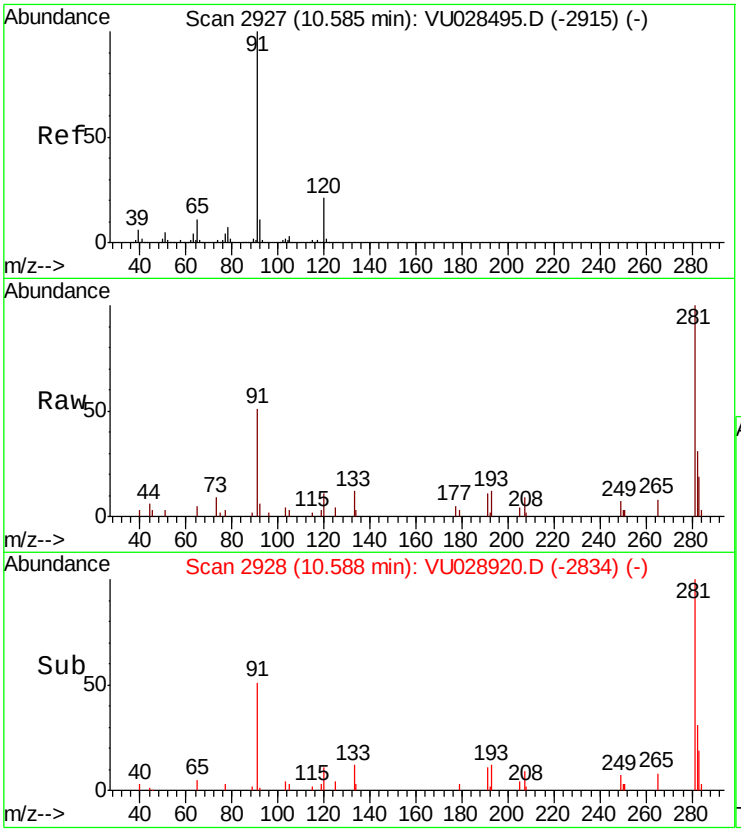


#76
1,2,3-Trichloropropane
Concen: 19.669 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 75 Resp: 57956

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.8	62.4#



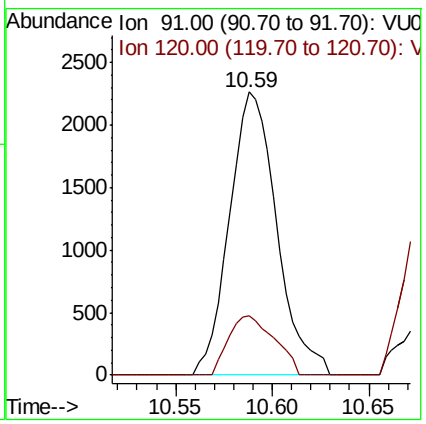


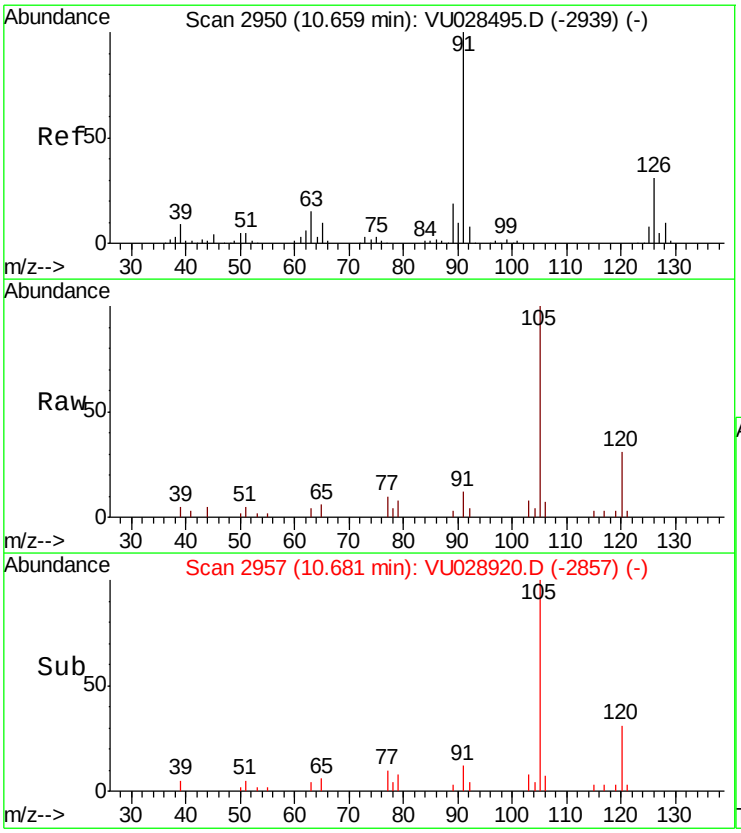
#78
n-propylbenzene
Concen: 0.351 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion: 91 Resp: 3858

Ion	Ratio	Lower	Upper
91	100		
120	20.2	10.6	31.8

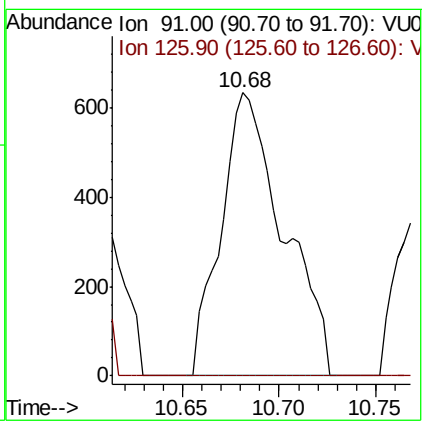


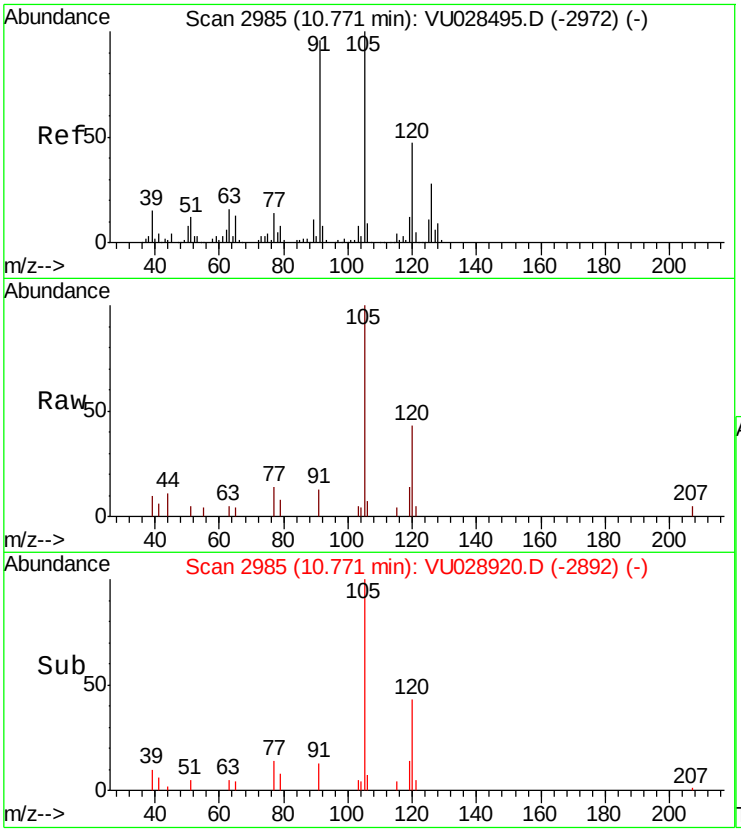


#79
2-Chlorotoluene
Concen: 0.224 ug/l
RT: 10.68 min Scan# 2957
Delta R.T. 0.02 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 91 Resp: 1422

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.6	46.8#



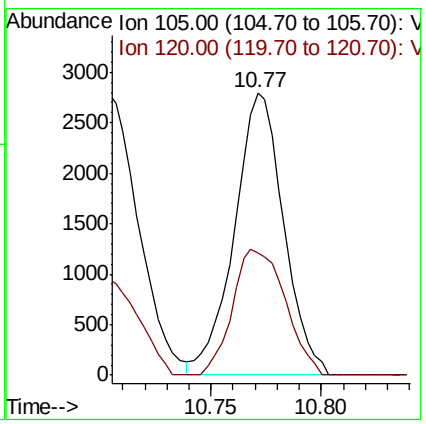


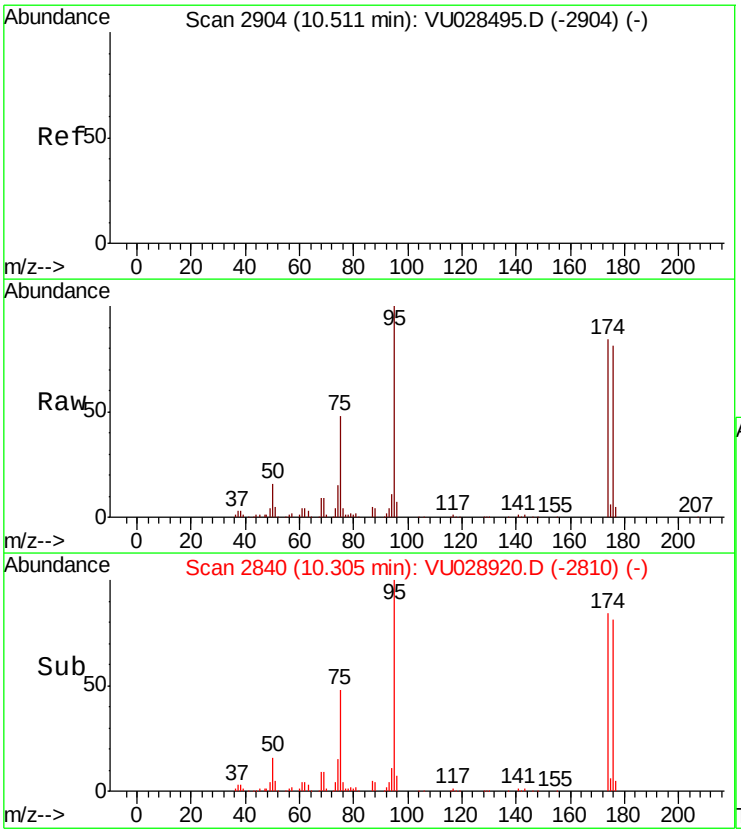
#80
1,3,5-Trimethylbenzene
Concen: 0.593 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion:105 Resp: 4347

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.7	71.1

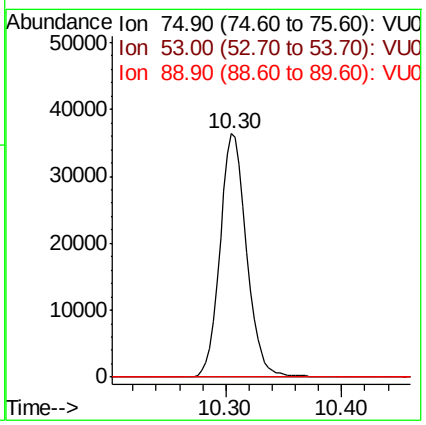


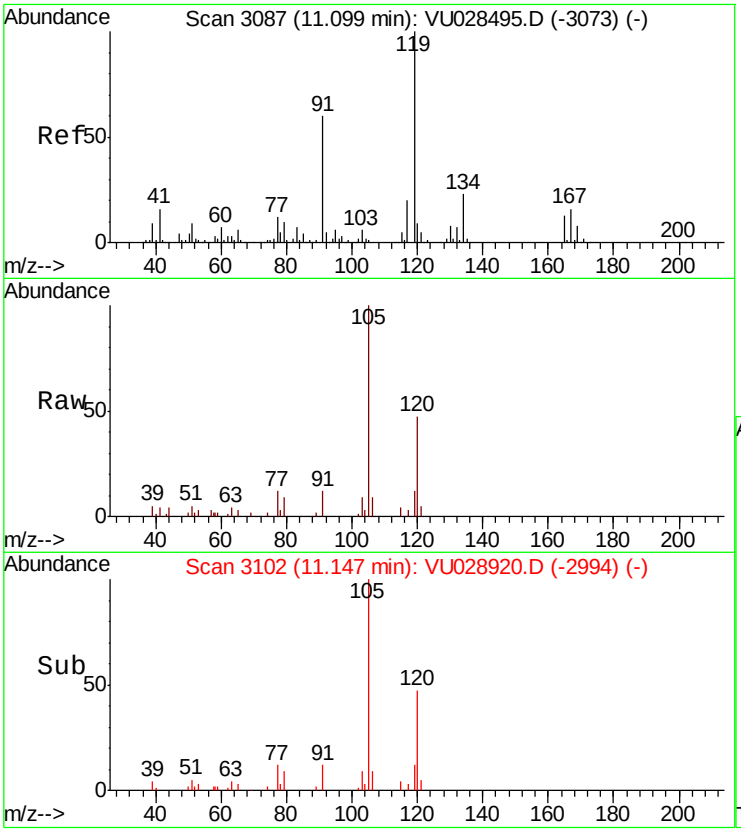


#81
trans-1,4-Dichloro-2-butene
Concen: 48.376 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 75 Resp: 57956

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



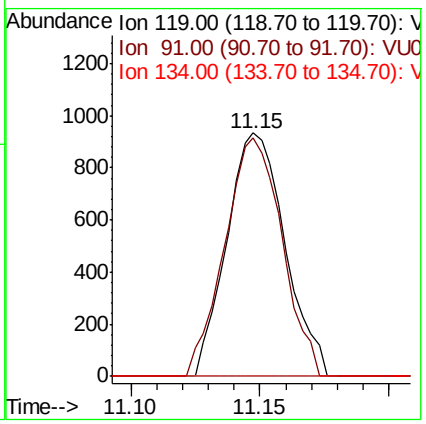


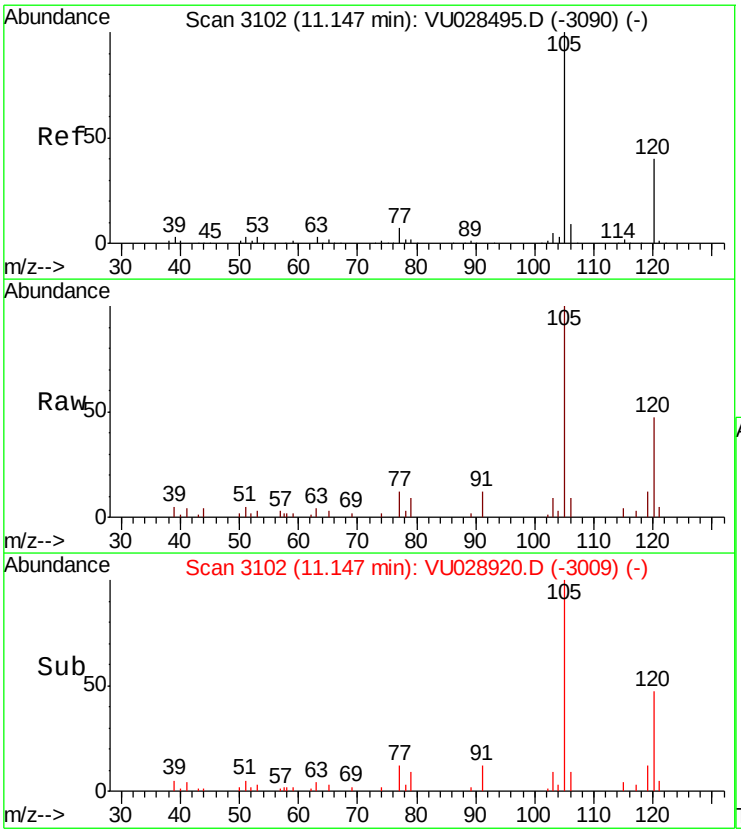
#83
tert-Butylbenzene
Concen: 0.207 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.05 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion:119 Resp: 1463

Ion	Ratio	Lower	Upper
119	100		
91	96.5	30.3	91.0#
134	0.0	11.2	33.5#

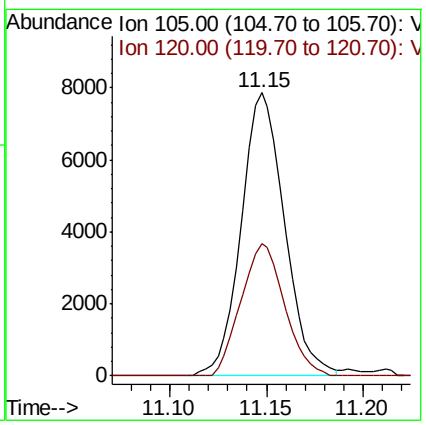


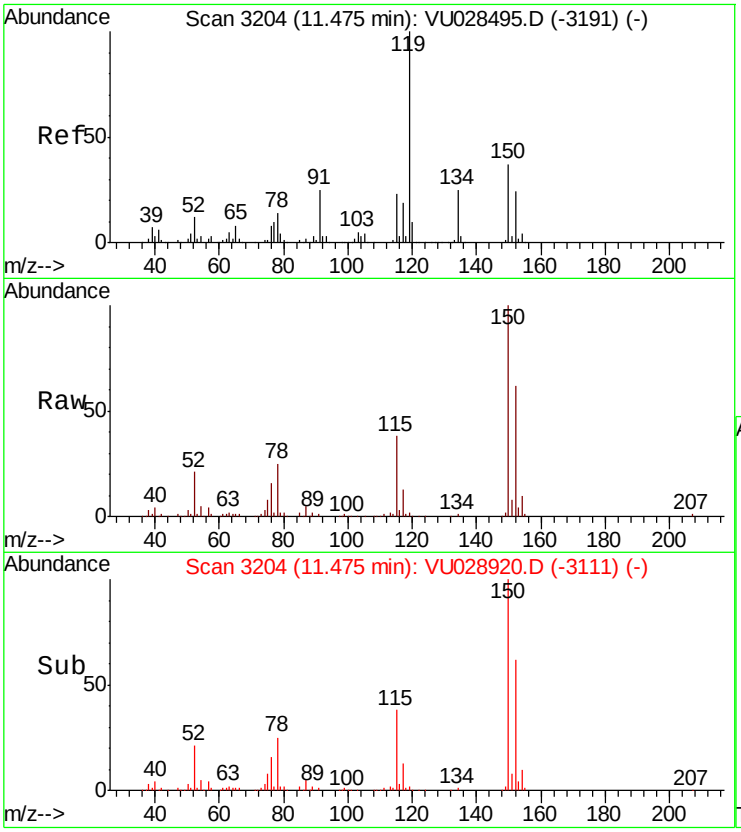


#84
1,2,4-Trimethylbenzene
Concen: 1.629 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion:105 Resp: 12307

Ion	Ratio	Lower	Upper
105	100		
120	46.8	21.8	65.4



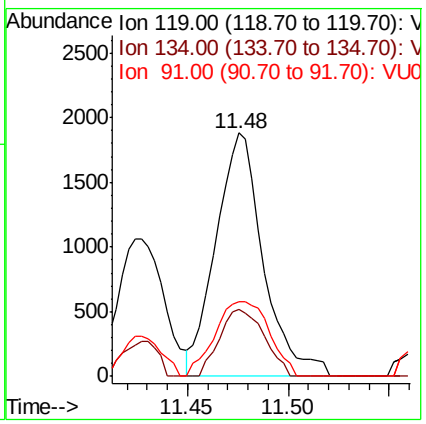


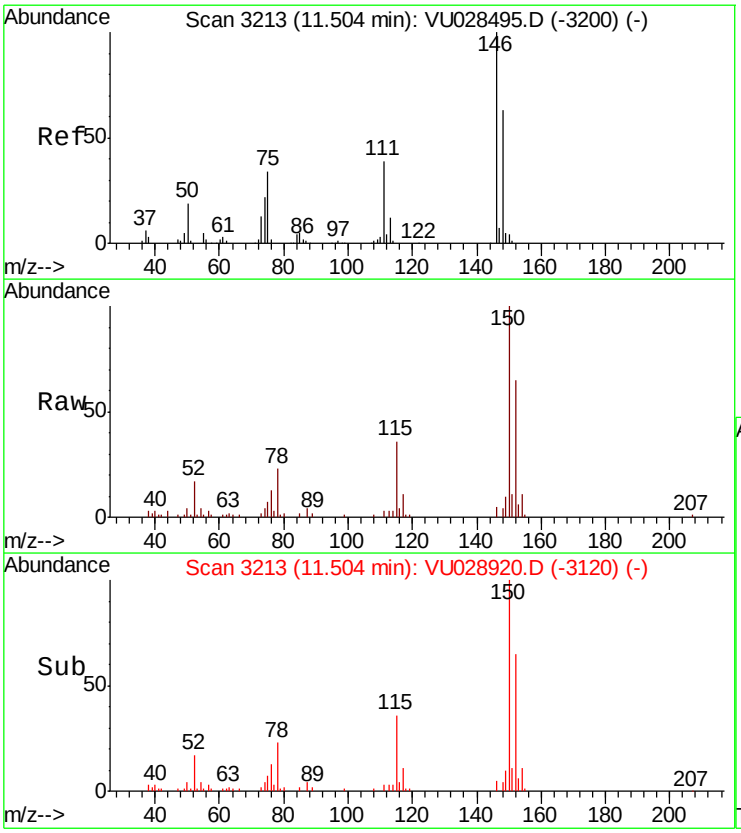
#86
p-Isopropyltoluene
Concen: 0.400 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion:119 Resp: 3084

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.7	38.1
91	35.3	12.6	37.6

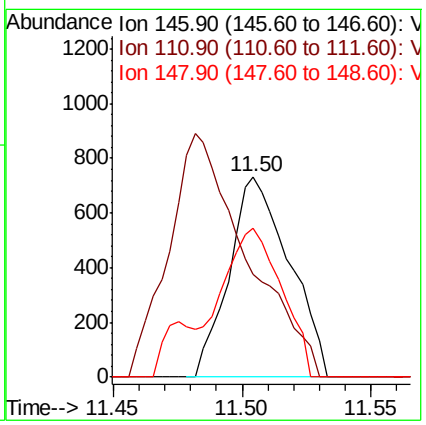


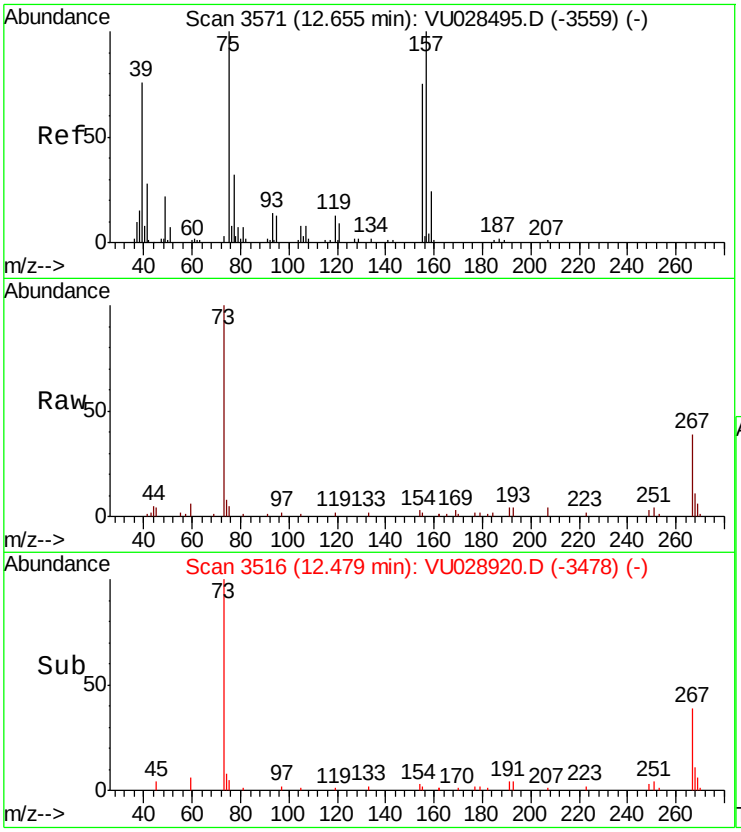


#88
1,4-Dichlorobenzene
Concen: 0.293 ug/l
RT: 11.50 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion:146 Resp: 1186

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.2	60.5#
148	74.1	31.6	95.0



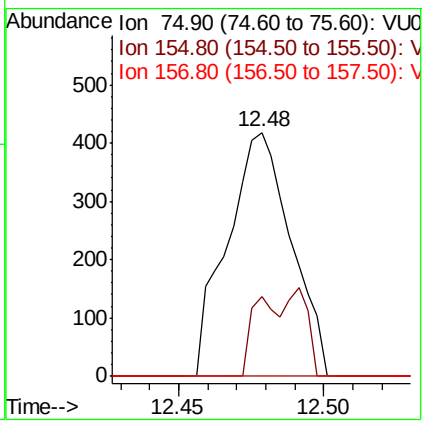


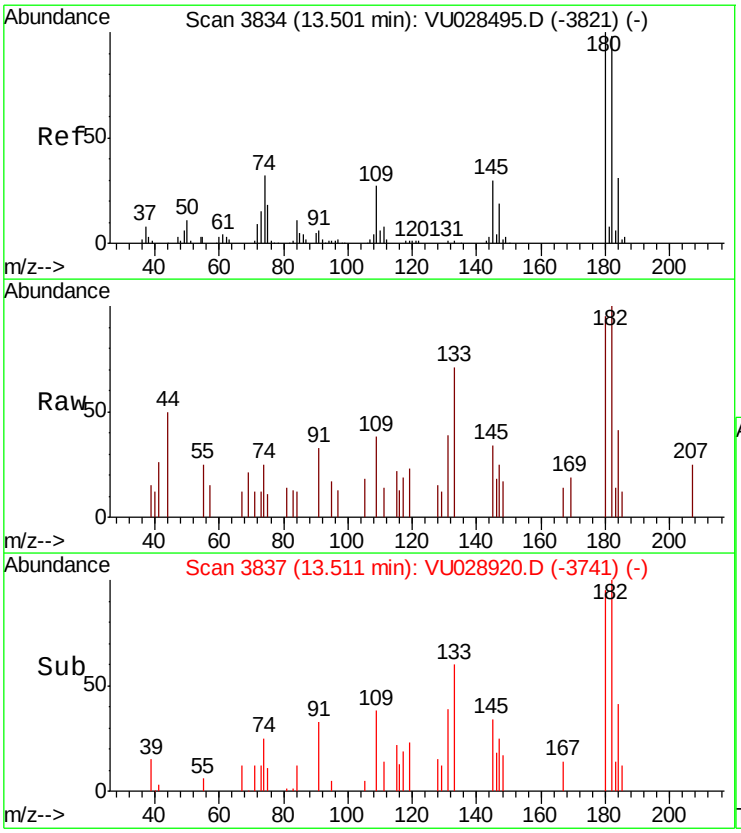
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.869 ug/l
RT: 12.48 min Scan# 3516
Delta R.T. -0.18 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion: 75 Resp: 640

Ion	Ratio	Lower	Upper
75	100		
155	14.2	38.1	114.5#
157	0.0	48.7	146.1#

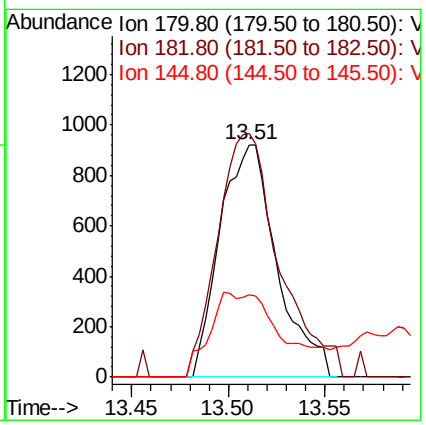


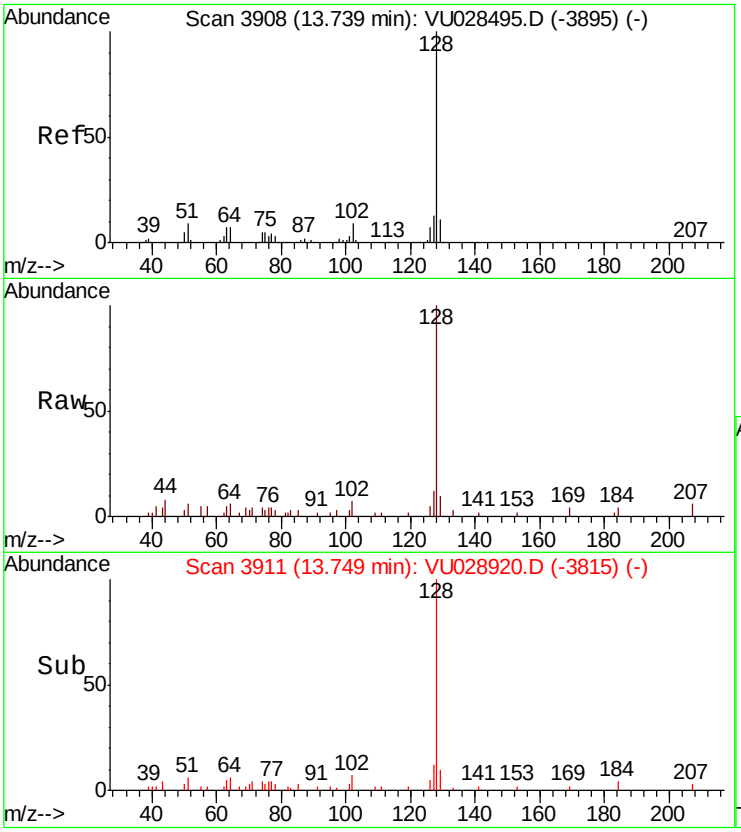


#93
1,2,4-Trichlorobenzene
Concen: 1.536 ug/l
RT: 13.51 min Scan# 3837
Delta R.T. 0.01 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion:180 Resp: 1893

Ion	Ratio	Lower	Upper
180	100		
182	112.9	47.9	143.8
145	21.3	15.0	45.1



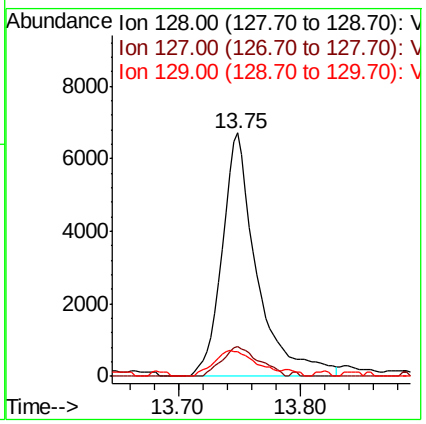


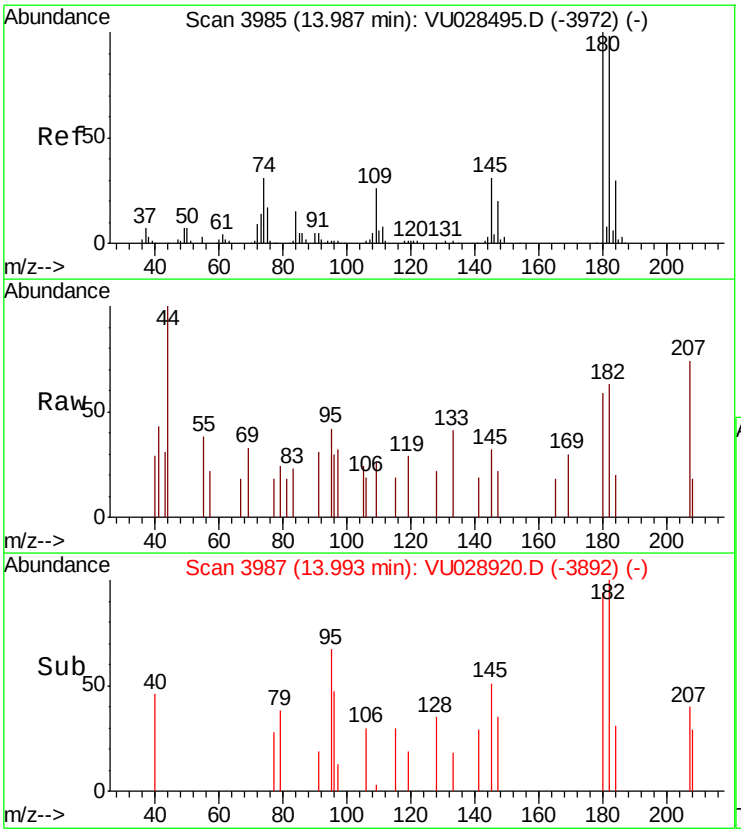
#95
Naphthalene
Concen: 1.422 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

Tgt Ion:128 Resp: 13345

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	12.9	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.351 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion:180 Resp: 548

Ion	Ratio	Lower	Upper
180	100		
182	102.2	48.2	144.6
145	0.0	15.8	47.3#