Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
Data File : VU028922.D
Acq On : 22 Dec 2018 18:13
Operator : MD/SY
Sample : J6426-09MEDL 100X
Misc : 5.25g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SS013-3638-01MEDL

Quant Time: Dec 24 04:47:37 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	187990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	307463	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	121852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108481	37.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.62%			
35) Dibromofluoromethane	4.88	113	95057	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.26%			
50) Toluene-d8	7.56	98	373390	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
62) 4-Bromofluorobenzene	10.30	95	127990	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.48%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1213	0.262	ug/l	91
11) Tert butyl alcohol	2.84	59	1358	2.125	ug/l #	73
16) Acetone	2.32	43	450	0.240	ug/l	94
20) Methylene Chloride	2.70	84	1245	0.451	ug/l #	79
23) Vinyl Acetate	3.30	43	1731	0.218	ug/l #	63
31) Cyclohexane	4.98	56	3492	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	12986	3.860	ug/l #	49
38) Carbon Tetrachloride	4.98	117	16326	6.020	ug/l #	15
39) Methylcyclohexane	6.41	83	1063	0.259	ug/l #	90
52) Toluene	7.64	92	290951	49.890	ug/l	99
53) t-1,3-Dichloropropene	7.63	75	2787	0.727	ug/l #	1
67) Ethyl Benzene	9.25	91	132127	12.084	ug/l	99
68) m/p-Xylenes	9.37	106	334007	83.951	ug/l	95
69) o-Xylene	9.78	106	86071	22.261	ug/l	97
70) Styrene	9.78	104	4360	0.681	ug/l #	1
73) Isopropylbenzene	10.16	105	2886	0.309	ug/l	91
76) 1,2,3-Trichloropropane	10.30	75	59776	19.211	ug/l #	36
78) n-propylbenzene	10.59	91	5041	0.434	ug/l	94
79) 2-Chlorotoluene	10.68	91	1390	0.208	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	5695	0.736	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.30	75	59776	47.263	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	15993	2.005	ug/l	98
86) p-Isopropyltoluene	11.48	119	3820	0.469	ug/l	90
88) 1,4-Dichlorobenzene	11.50	146	1201	0.281	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.48	75	900	1.157	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.50	180	2627	1.753	ug/l	96
95) Naphthalene	13.75	128	15203	1.534	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	783	0.423	ug/l	84

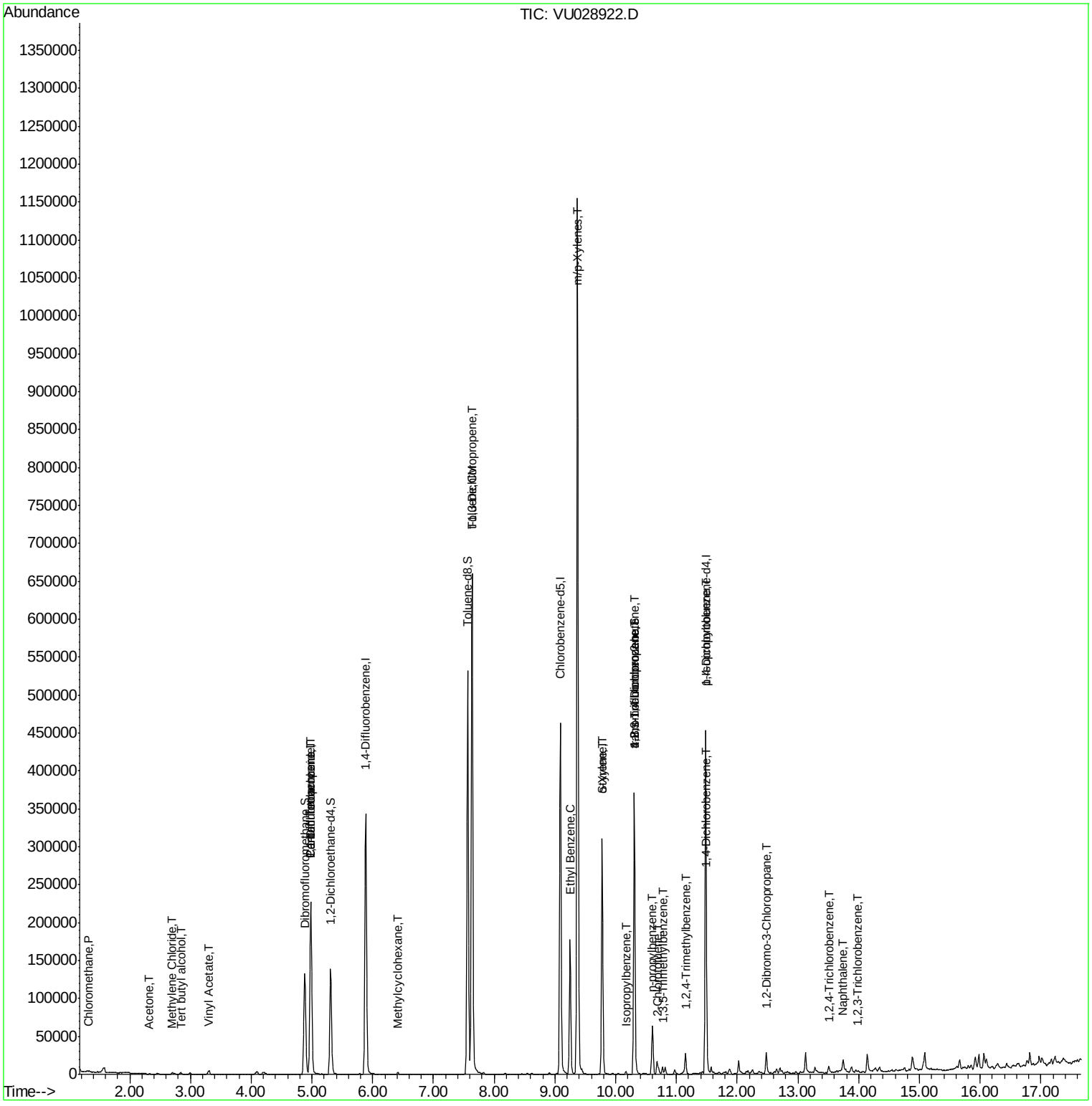
(#) = qualifier out of range (m) = manual integration (+) = signals summed

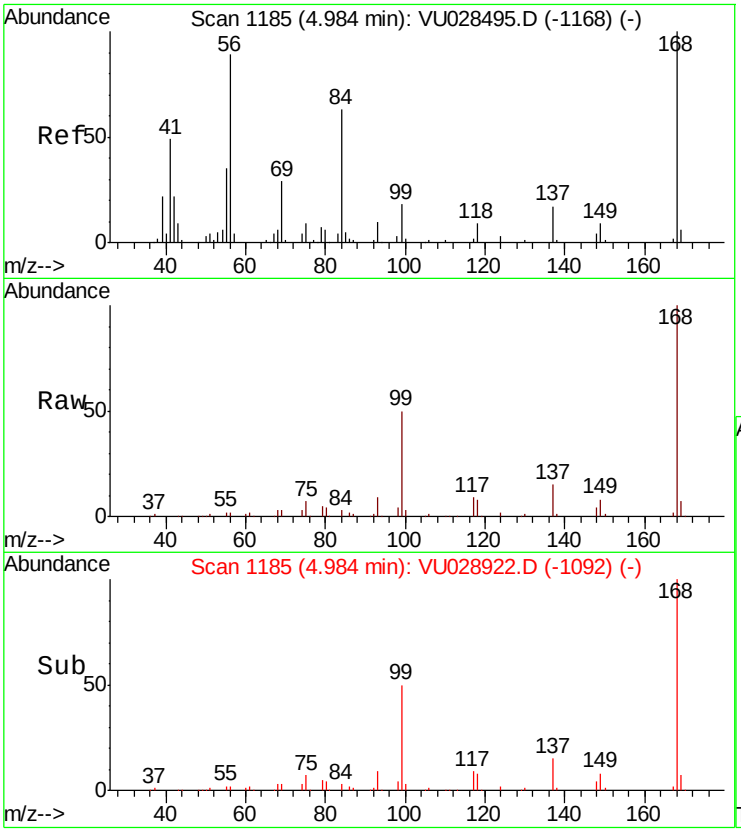
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
Data File : VU028922.D
Acq On : 22 Dec 2018 18:13
Operator : MD/SY
Sample : J6426-09MEDL 100X
Misc : 5.25g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Quant Time: Dec 24 04:47:37 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



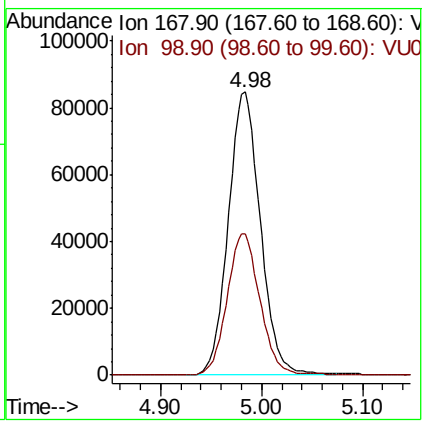


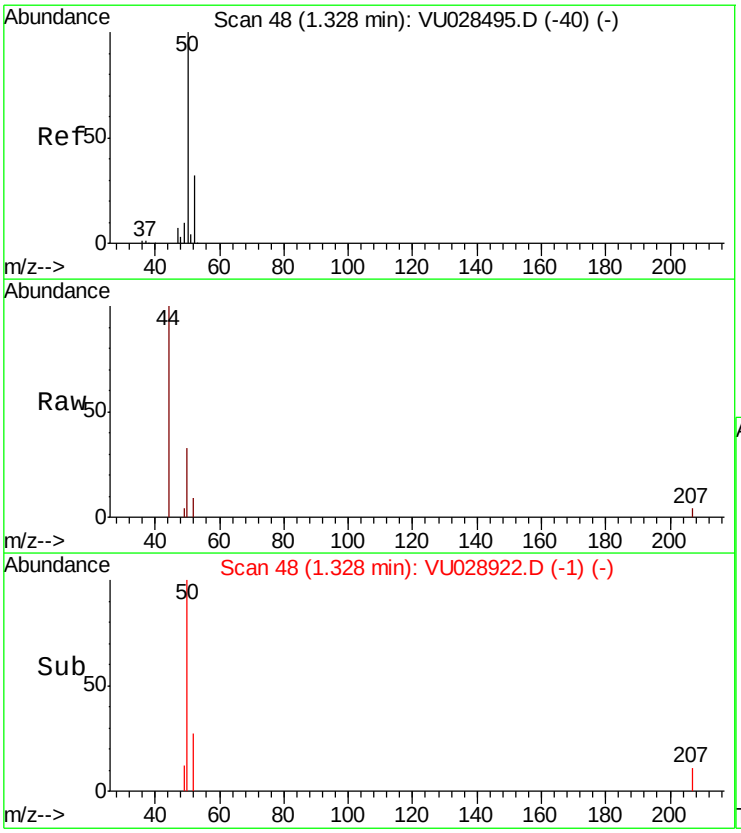
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion:168 Resp: 187990

Ion	Ratio	Lower	Upper
168	100		
99	49.7	46.6	69.8

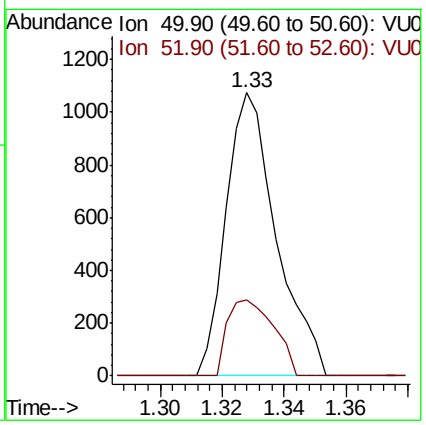


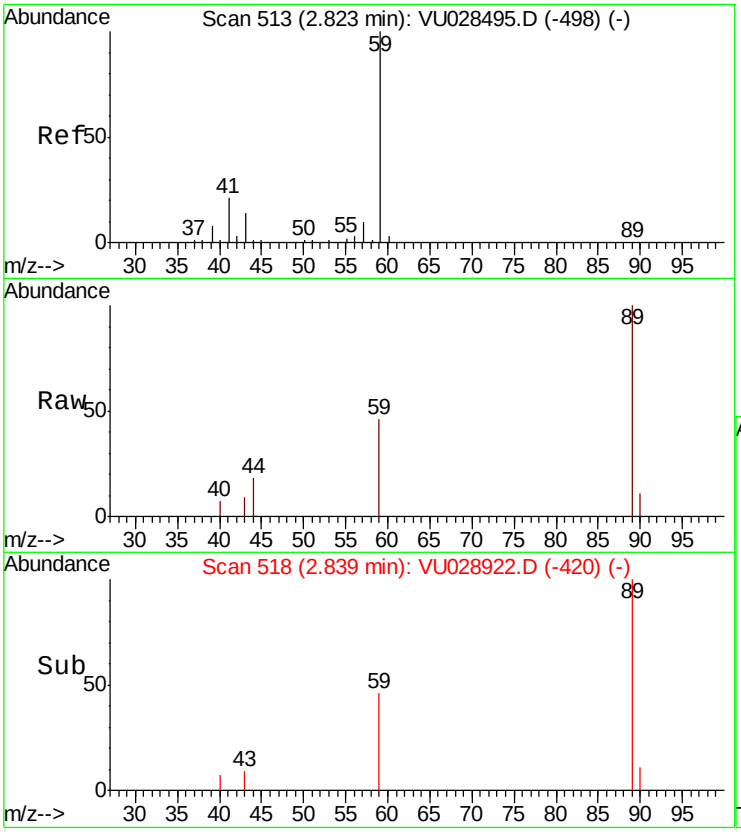


#3
Chloromethane
Concen: 0.262 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 50 Resp: 1213

Ion	Ratio	Lower	Upper
50	100		
52	26.9	25.5	38.3



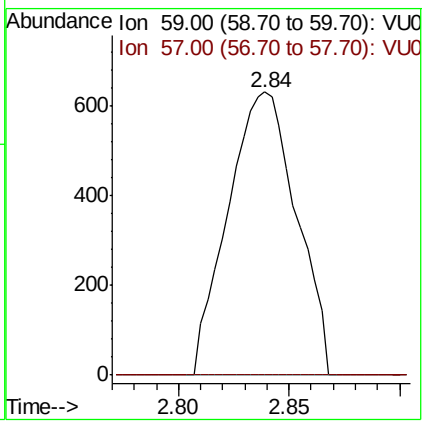


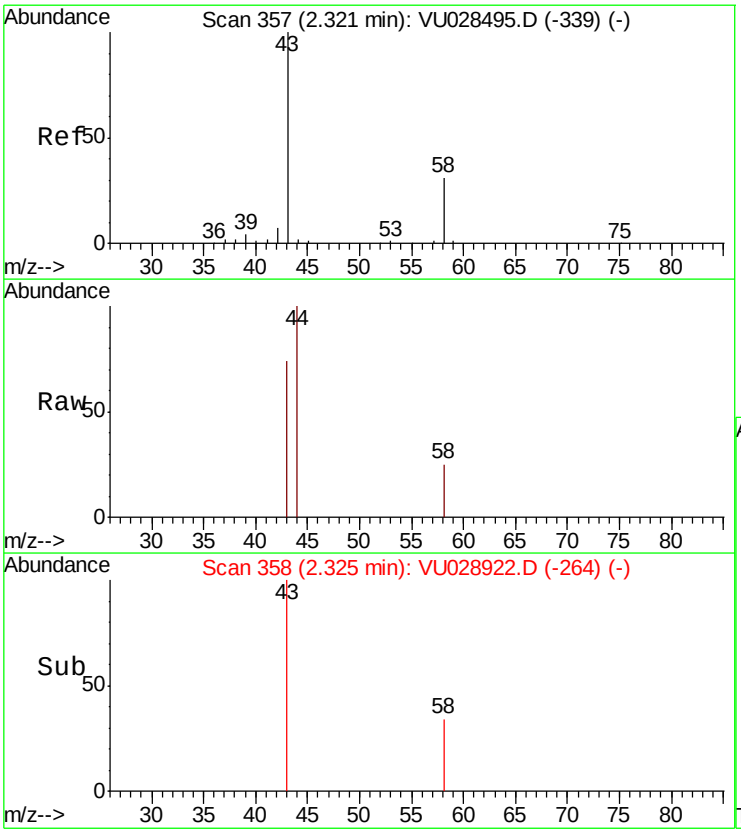
#11
Tert butyl alcohol
Concen: 2.125 ug/l
RT: 2.84 min Scan# 518
Delta R.T. 0.02 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 59 Resp: 1358

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

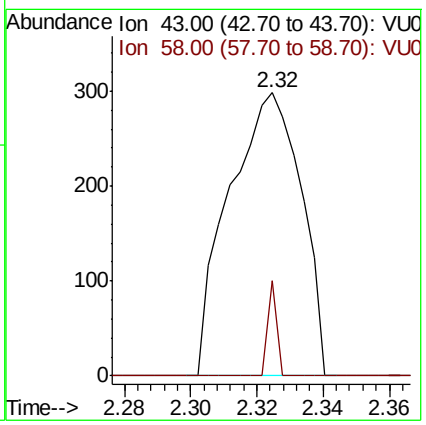


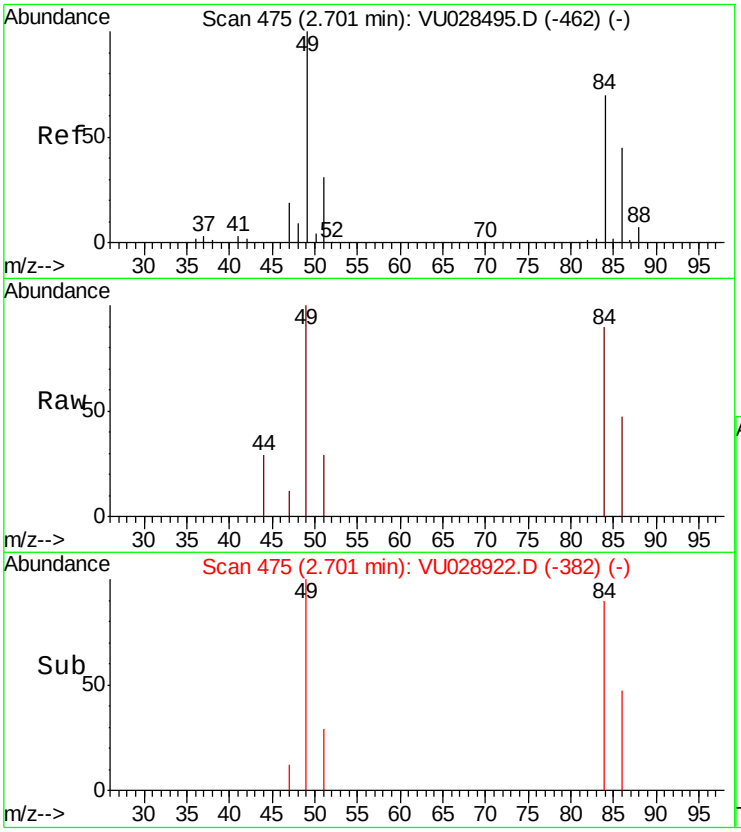


#16
Acetone
Concen: 0.240 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 43 Resp: 450

Ion	Ratio	Lower	Upper
43	100		
58	33.9	24.6	37.0



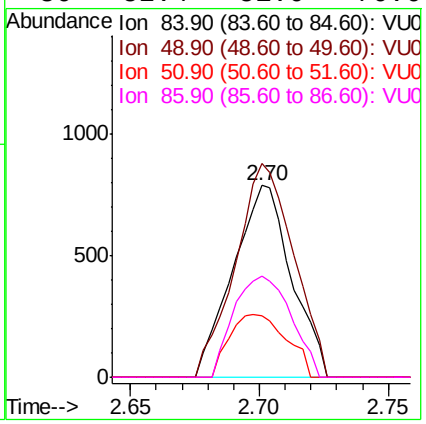


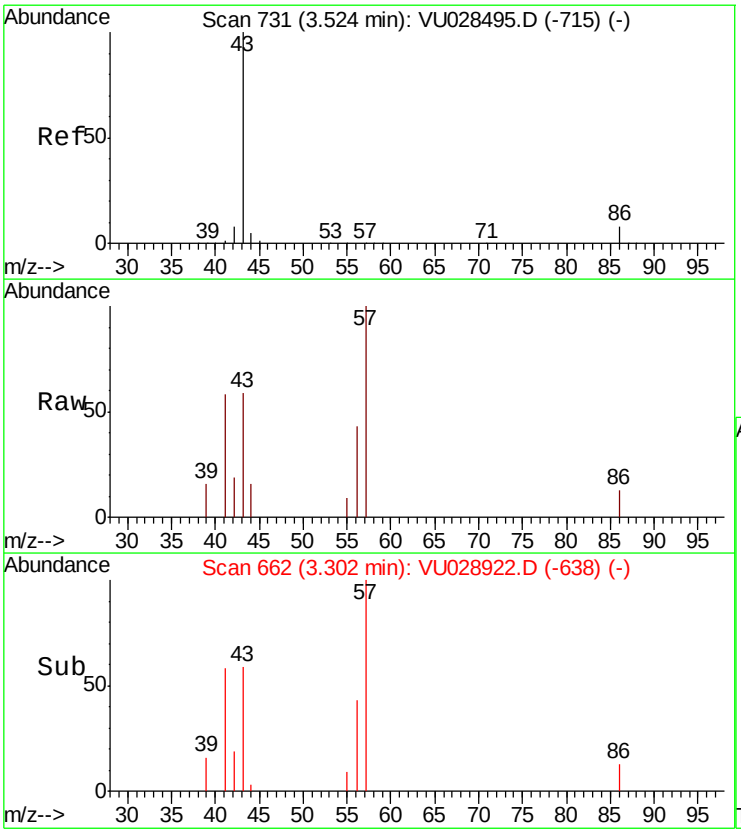
#20
Methylene Chloride
Concen: 0.451 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 84 Resp: 1245

Ion	Ratio	Lower	Upper
84	100		
49	111.3	114.0	171.0#
51	31.9	35.1	52.7#
86	52.4	51.0	76.6

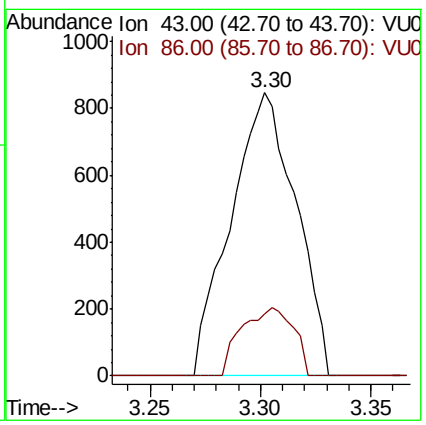


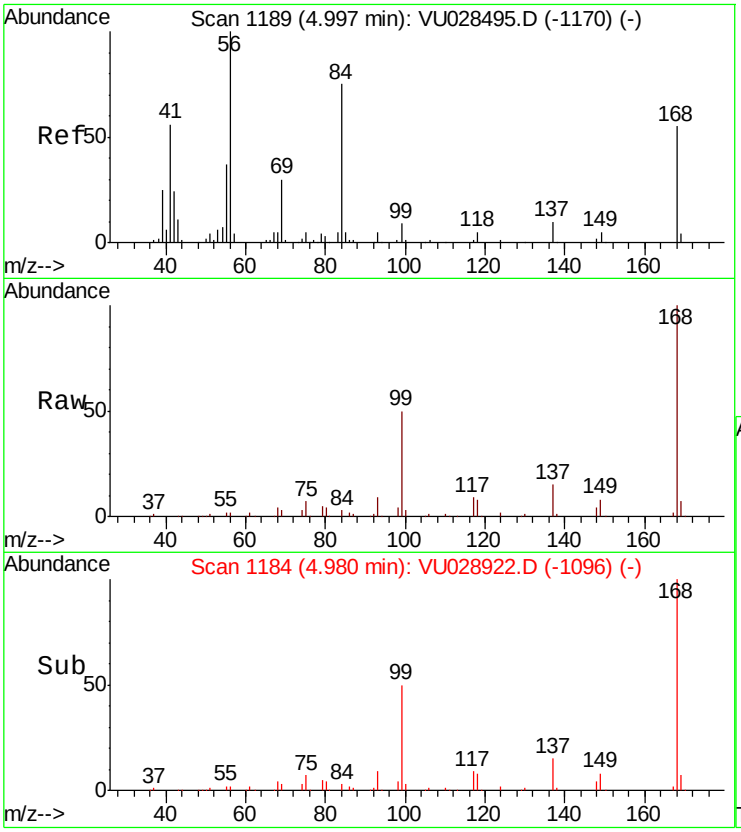


#23
Vinyl Acetate
Concen: 0.218 ug/l
RT: 3.30 min Scan# 662
Delta R.T. -0.22 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 43 Resp: 1731

Ion	Ratio	Lower	Upper
43	100		
86	21.7	6.8	10.2#



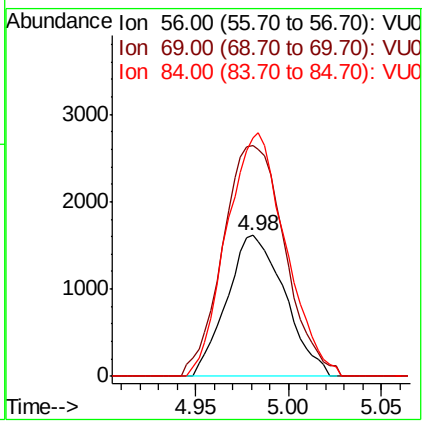


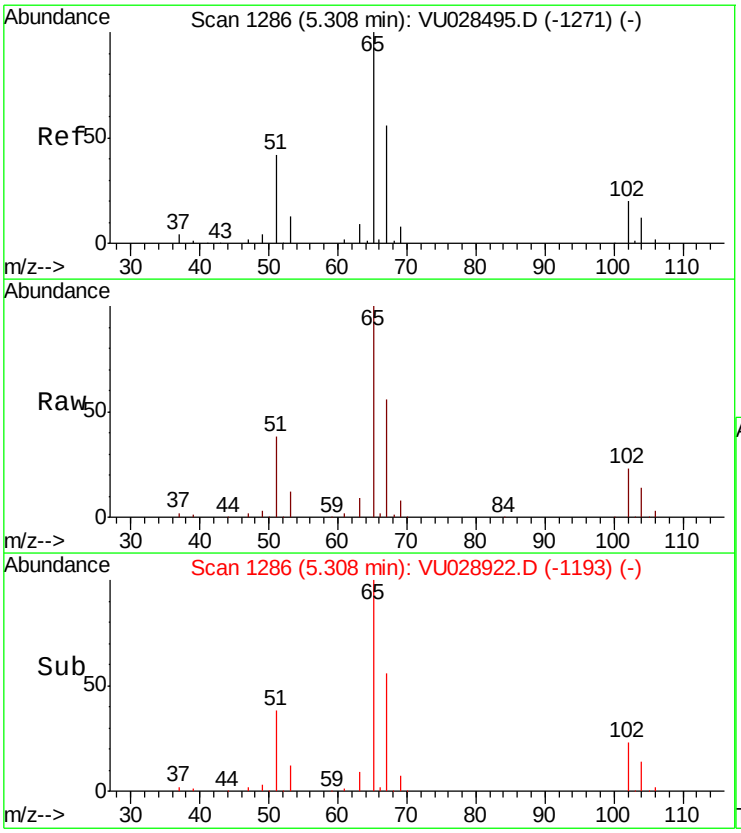
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 56 Resp: 3492

Ion	Ratio	Lower	Upper
56	100		
69	156.9	24.0	36.0#
84	169.4	59.7	89.5#

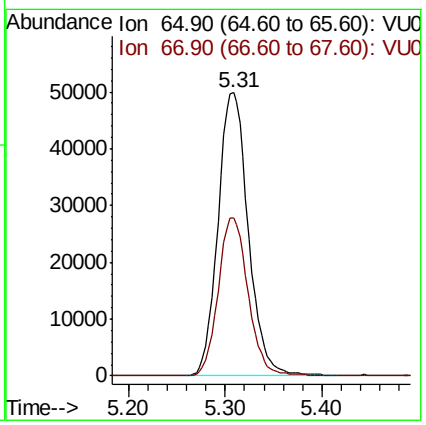


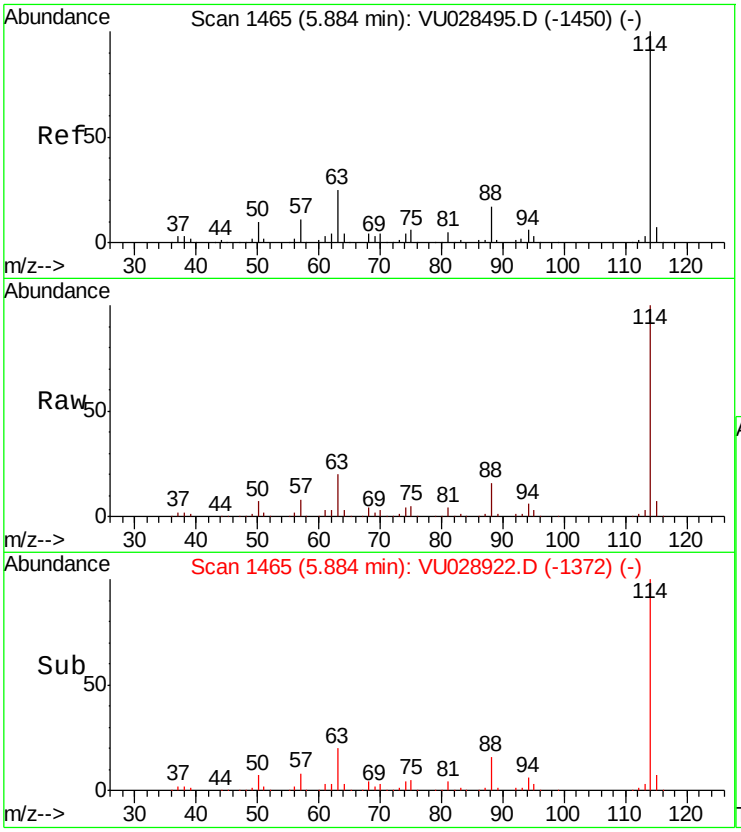


#33
1,2-Dichloroethane-d4
Concen: 37.813 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 65 Resp: 108481

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.6



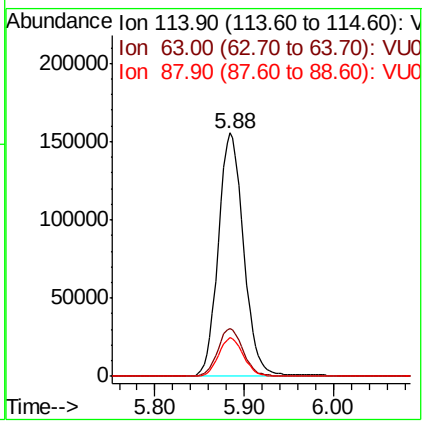


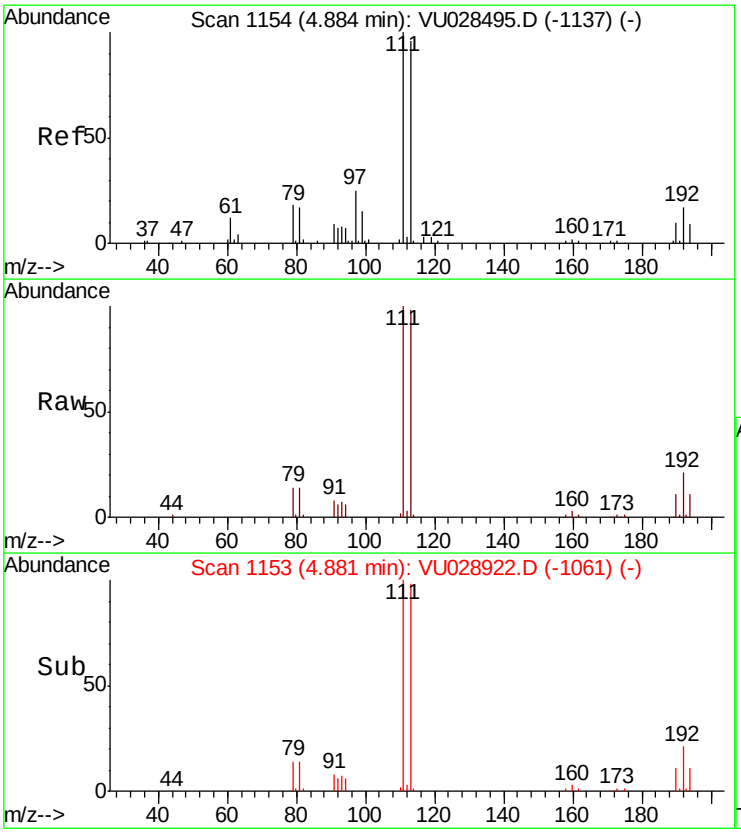
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion:114 Resp: 307463

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	49.2
88	15.9	0.0	33.4

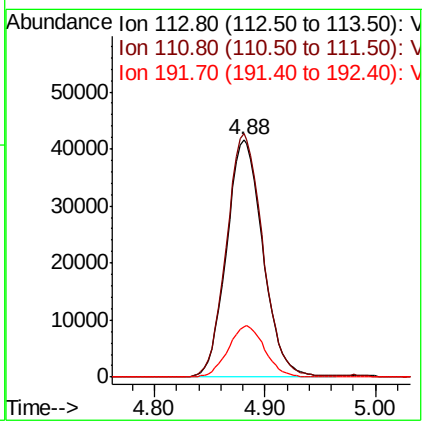


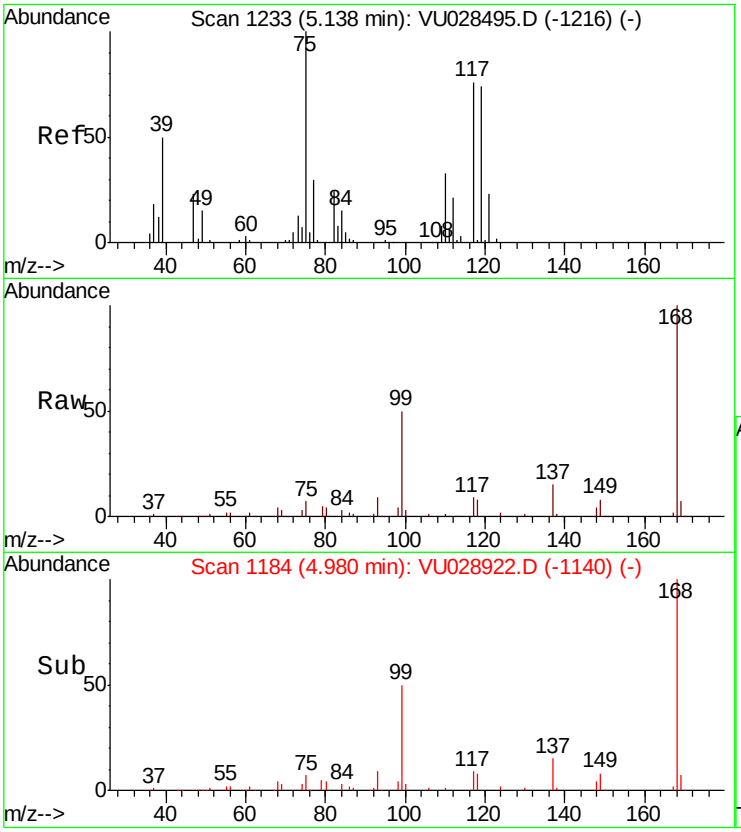


#35
Dibromofluoromethane
Concen: 49.128 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:113 Resp: 95057

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.0
192	21.6	14.8	22.2



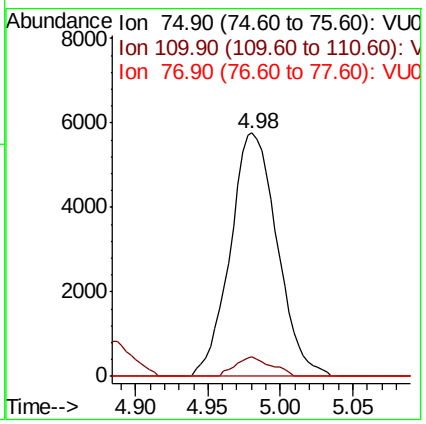


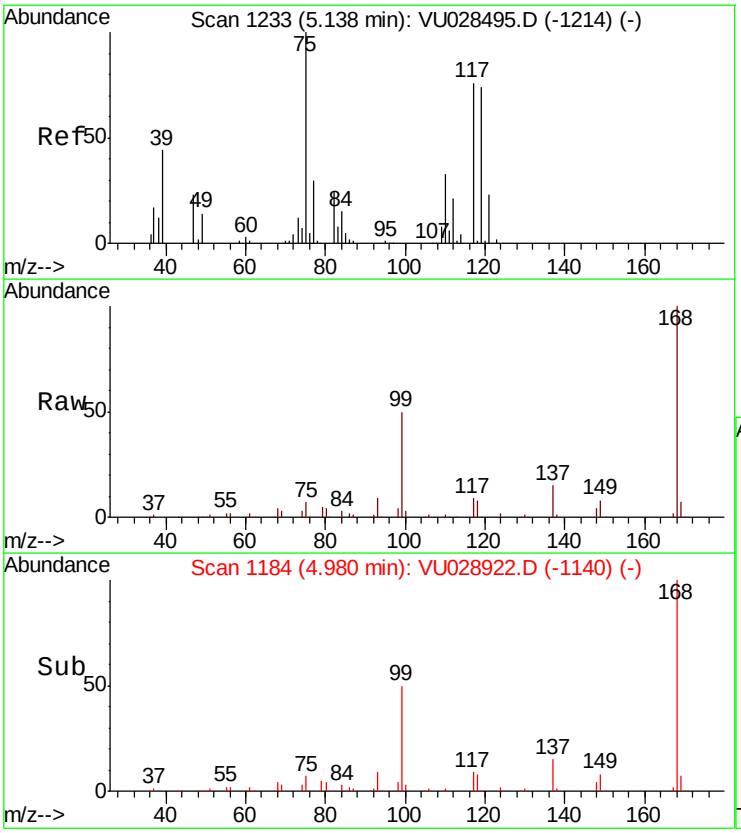
#36
1,1-Dichloropropene
Concen: 3.860 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 75 Resp: 12986

Ion	Ratio	Lower	Upper
75	100		
110	6.1	16.1	48.2#
77	0.0	24.5	36.7#

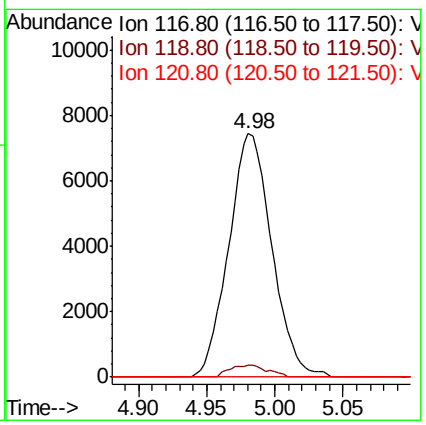


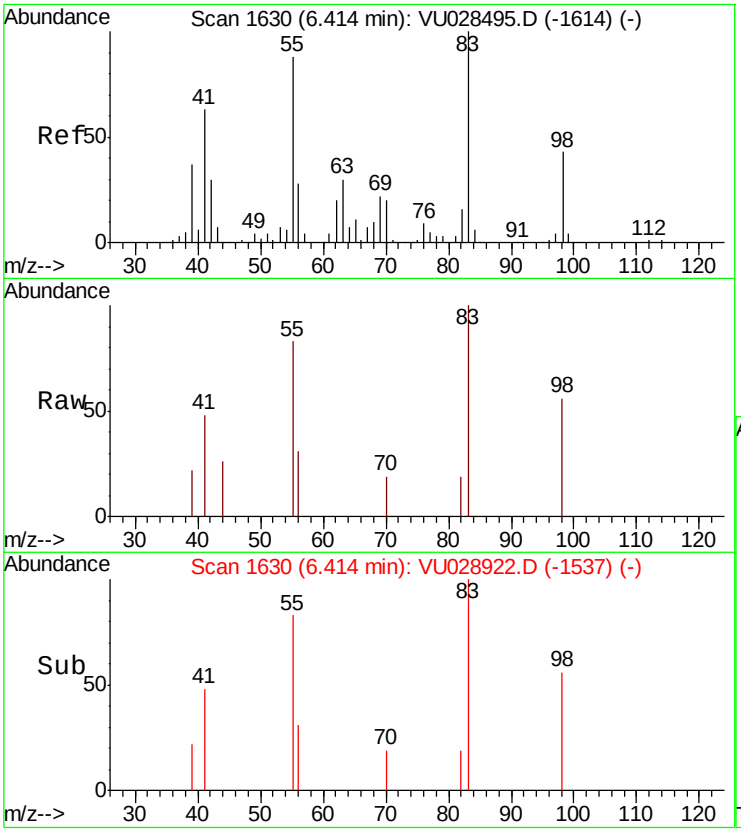


#38
Carbon Tetrachloride
Concen: 6.020 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:117 Resp: 16326

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.6	116.4#
121	0.0	24.6	36.8#



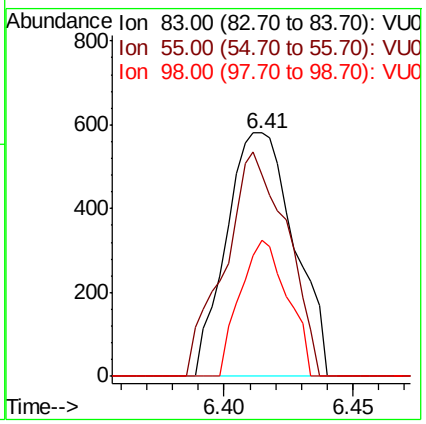


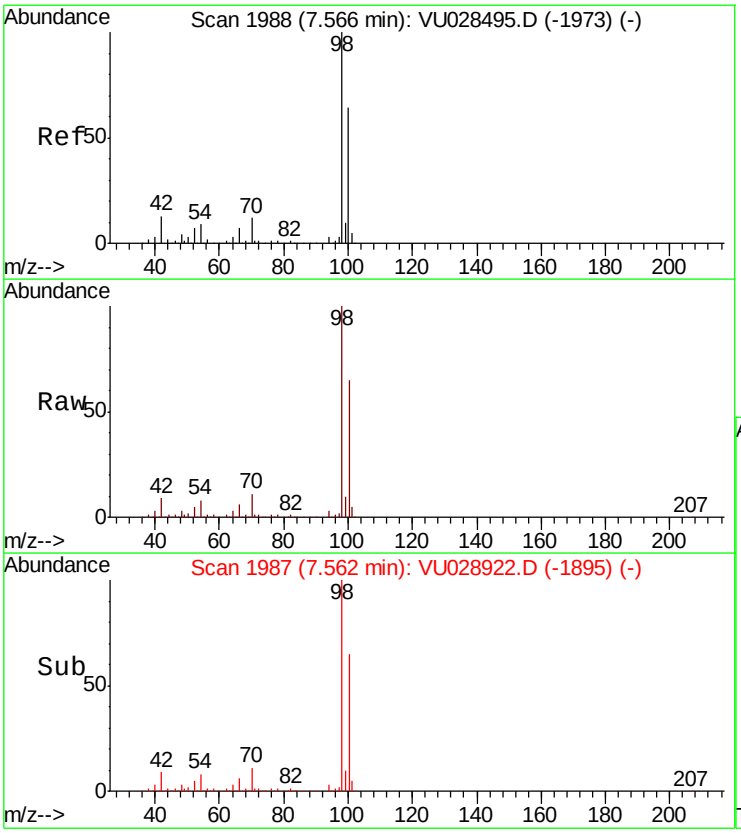
#39
Methylcyclohexane
Concen: 0.259 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 83 Resp: 1063

Ion	Ratio	Lower	Upper
83	100		
55	83.0	70.2	105.2
98	56.1	34.2	51.4#

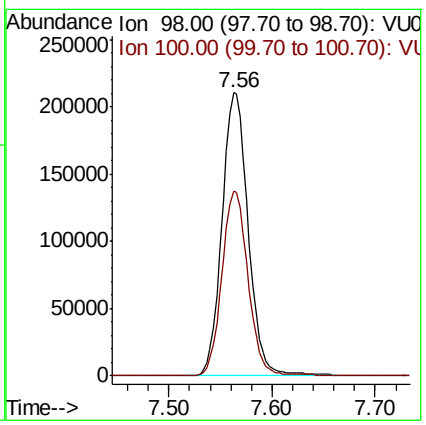


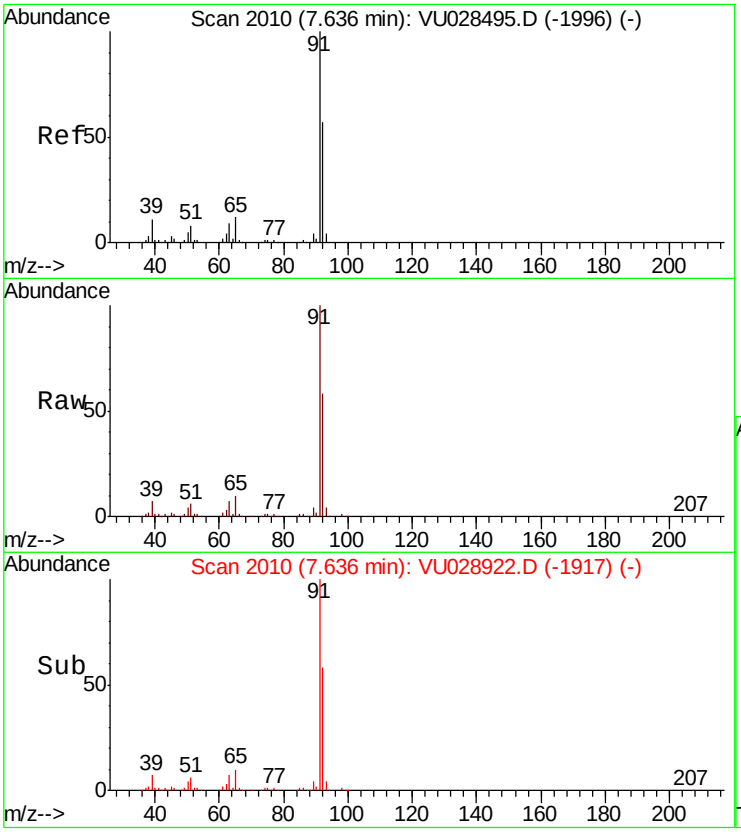


#50
Toluene-d8
Concen: 48.783 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 98 Resp: 373390

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.0	76.6



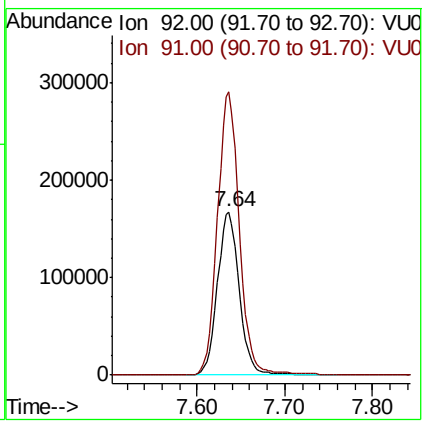


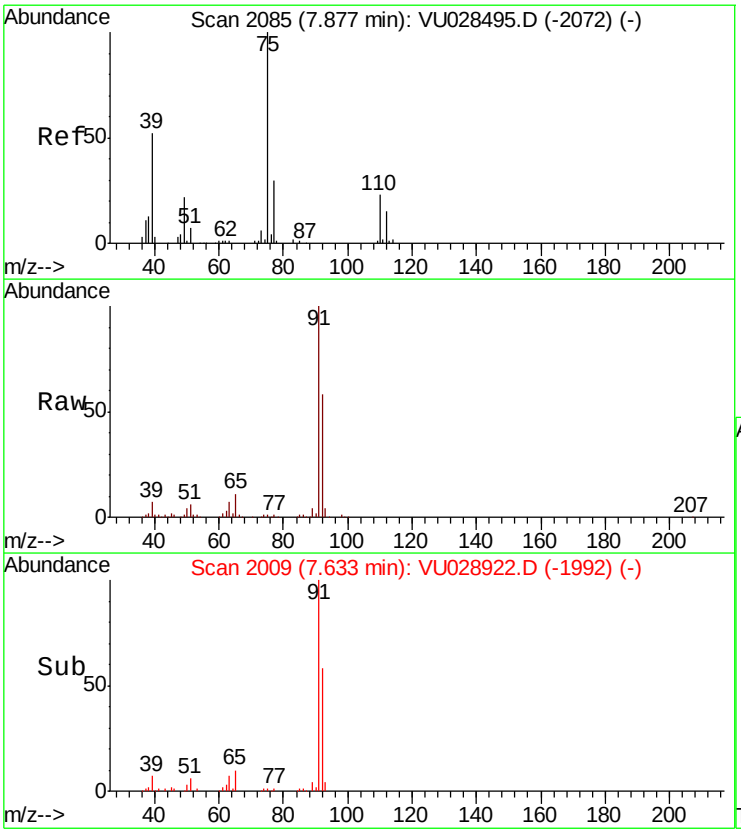
#52
Toluene
Concen: 49.890 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 92 Resp: 290951

Ion	Ratio	Lower	Upper
92	100		
91	173.5	140.2	210.4

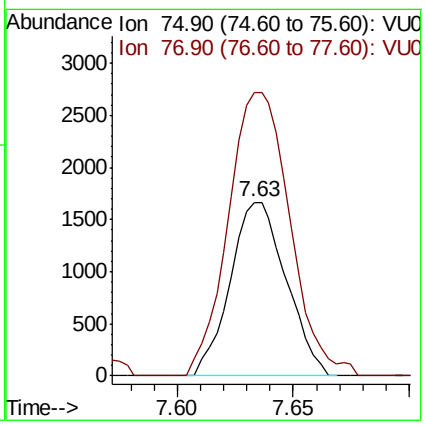


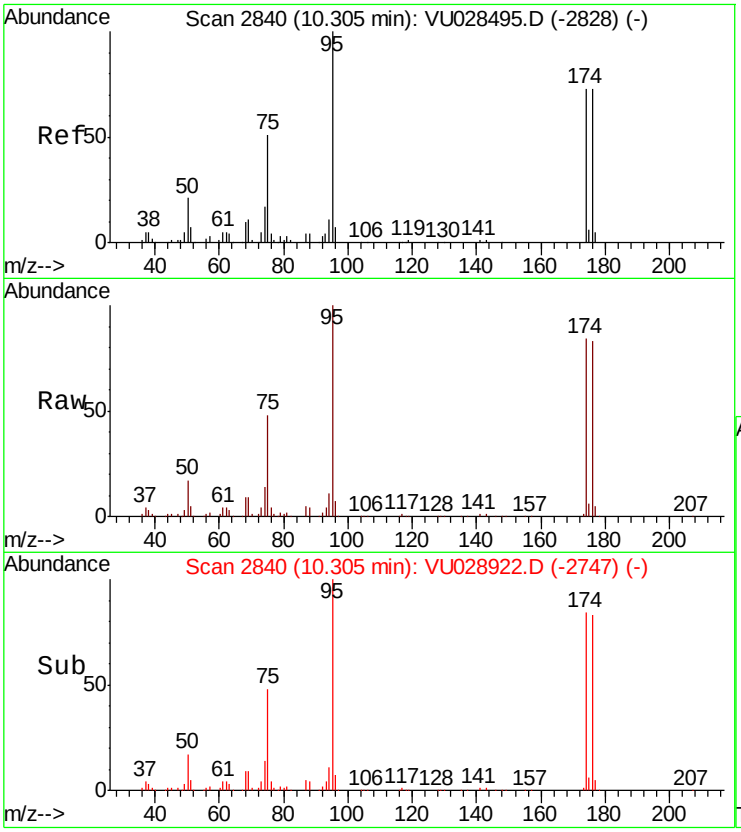


#53
t-1,3-Dichloropropene
Concen: 0.727 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. -0.24 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 75 Resp: 2787

Ion	Ratio	Lower	Upper
75	100		
77	163.2	24.2	36.4#



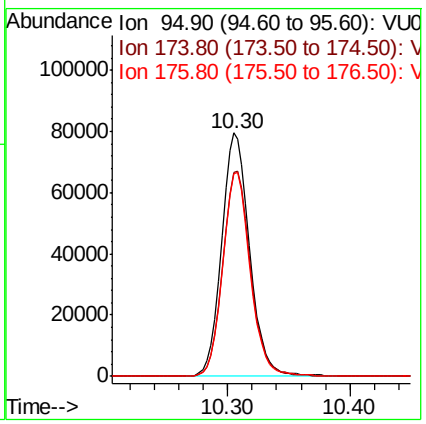


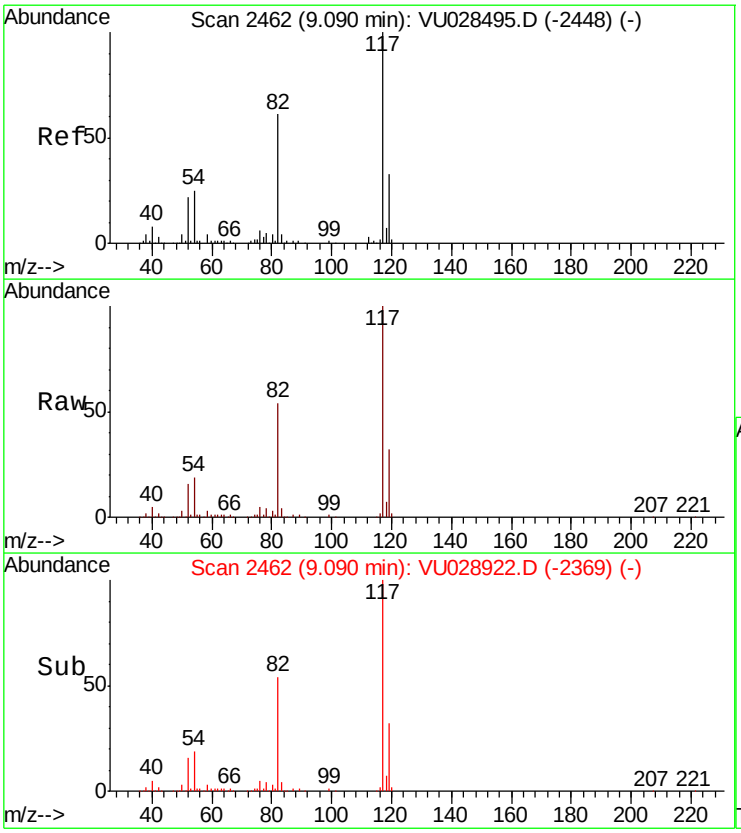
#62
4-Bromofluorobenzene
Concen: 44.739 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 95 Resp: 127990

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	150.4
176	82.5	0.0	145.2

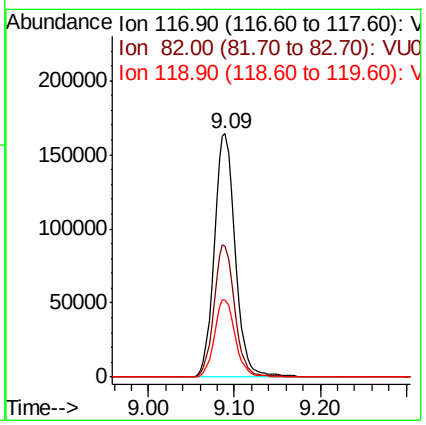


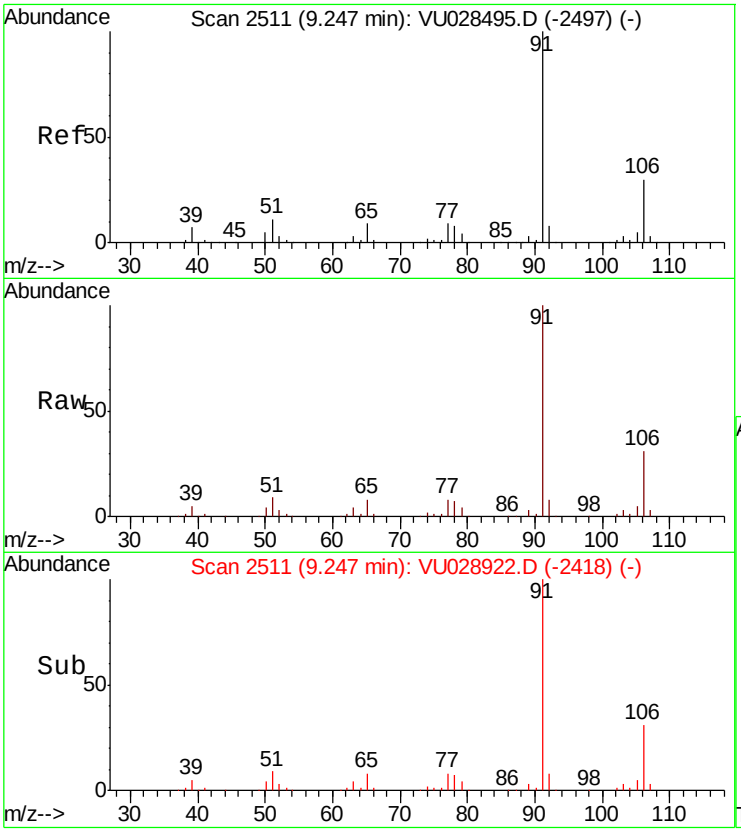


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:117 Resp: 279121

Ion	Ratio	Lower	Upper
117	100		
82	53.8	48.9	73.3
119	31.9	26.2	39.4



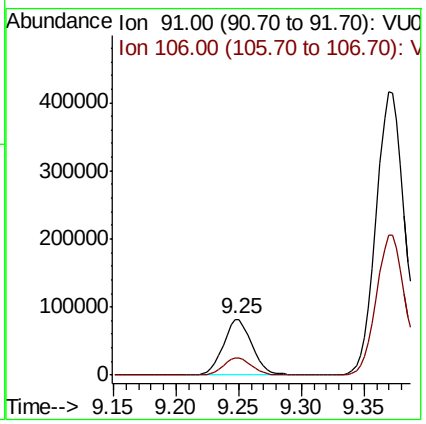


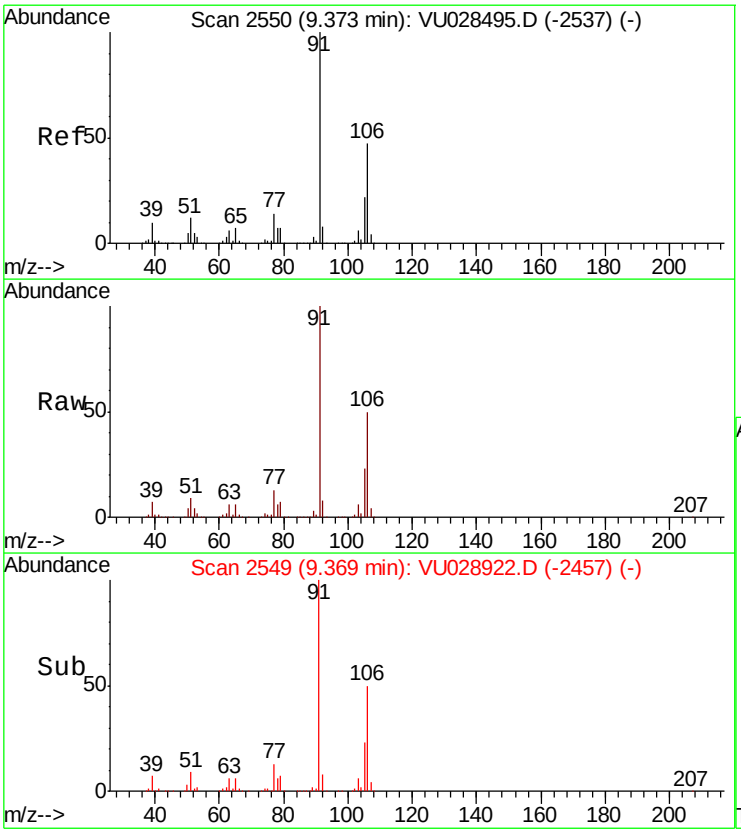
#67
Ethyl Benzene
Concen: 12.084 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 91 Resp: 132127

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.1	36.1

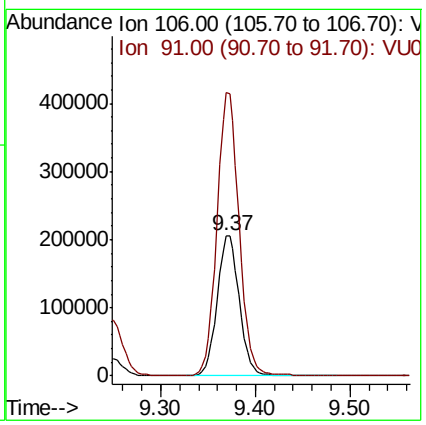


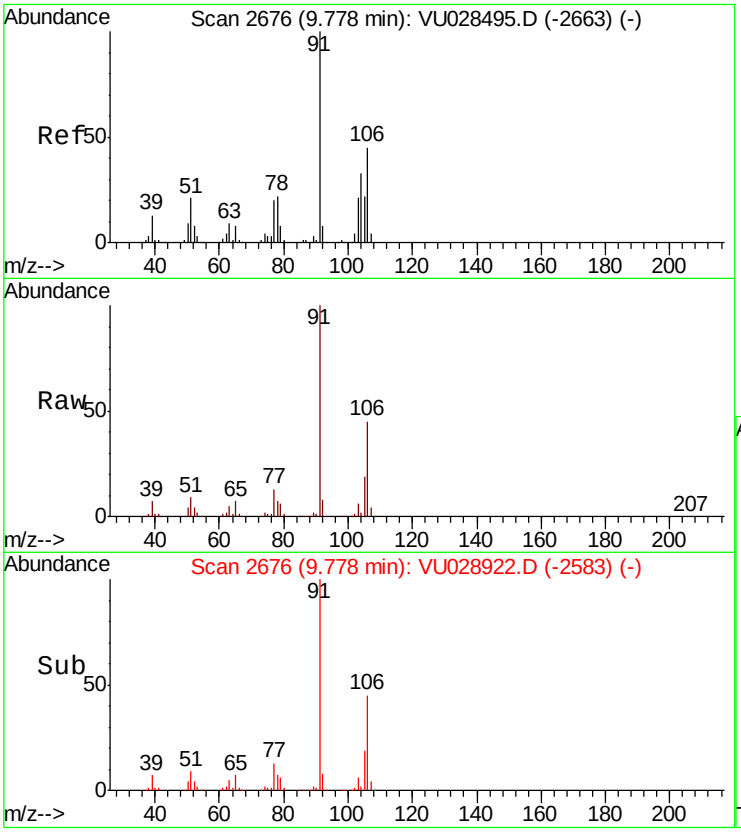


#68
m/p-Xylenes
Concen: 83.951 ug/l
RT: 9.37 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:106 Resp: 334007

Ion	Ratio	Lower	Upper
106	100		
91	202.0	167.4	251.0



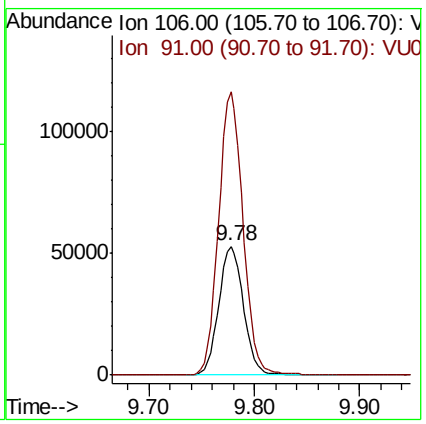


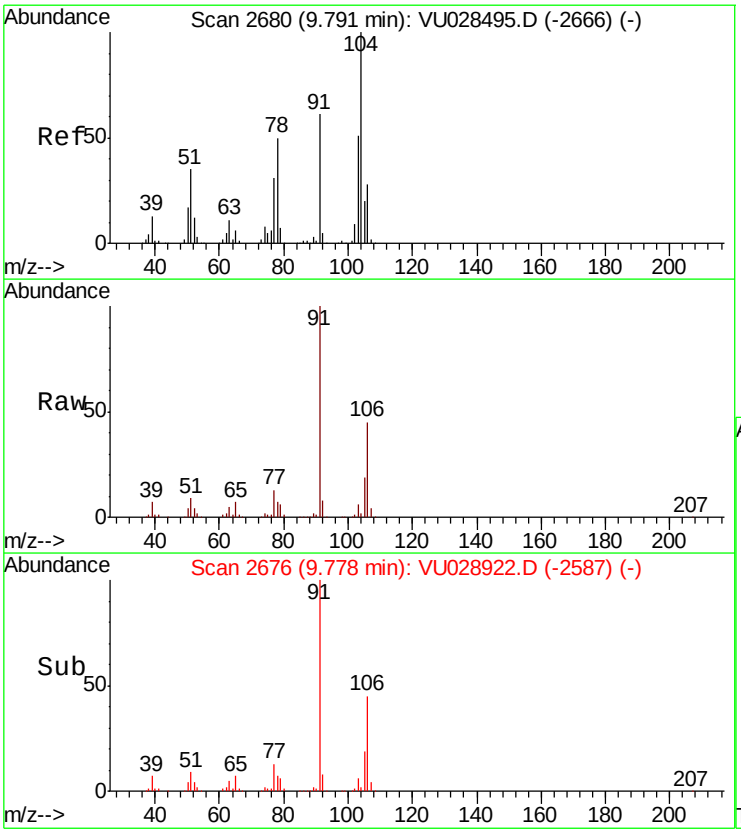
#69
o-Xylene
Concen: 22.261 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion:106 Resp: 86071

Ion	Ratio	Lower	Upper
106	100		
91	217.0	111.3	334.0

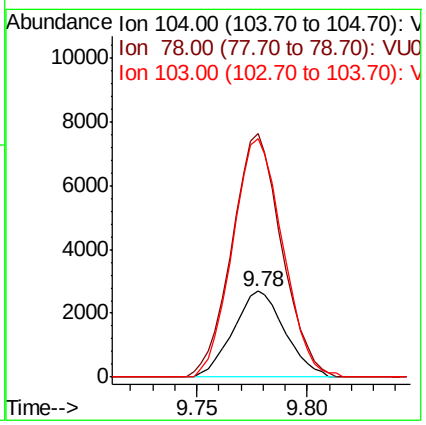


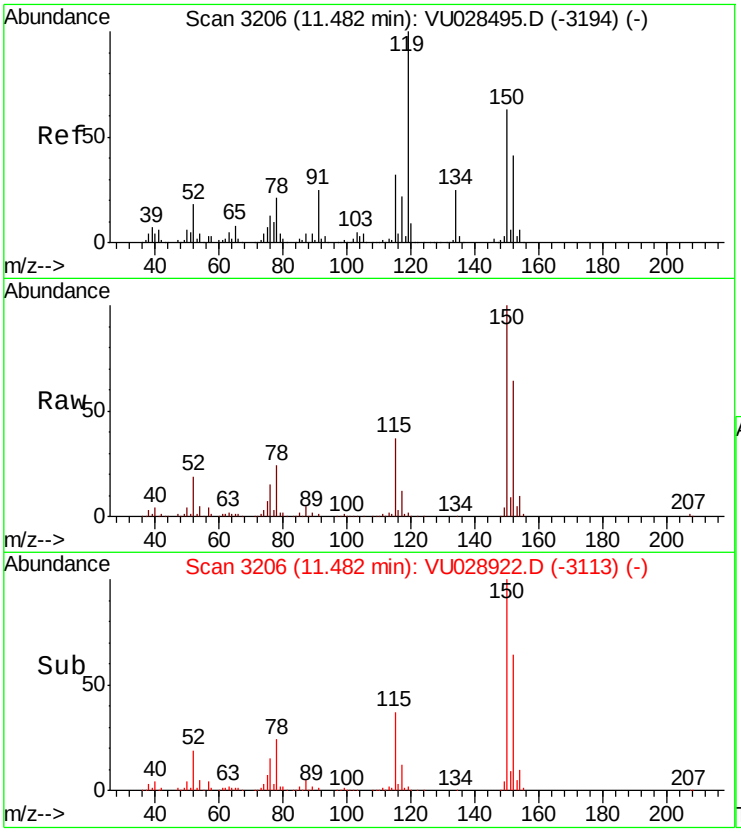


#70
Styrene
Concen: 0.681 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:104 Resp: 4360

Ion	Ratio	Lower	Upper
104	100		
78	274.2	43.0	64.6#
103	270.6	44.2	66.4#



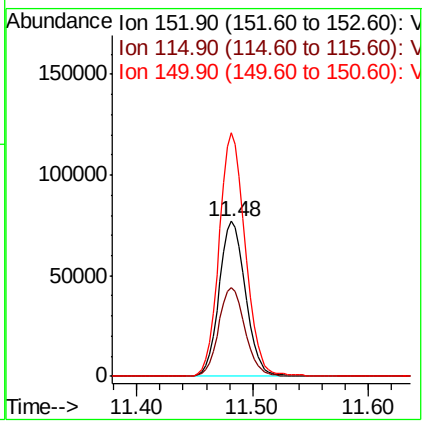


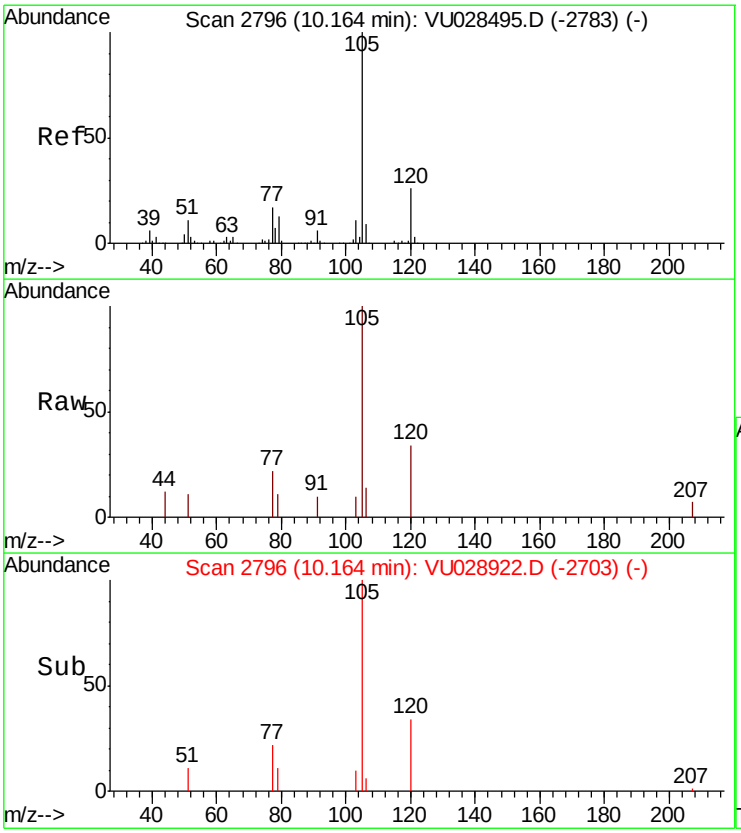
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion:152 Resp: 121852

Ion	Ratio	Lower	Upper
152	100		
115	57.1	42.7	128.1
150	154.9	0.0	346.0

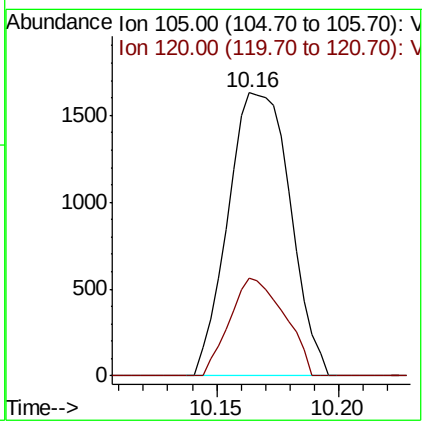


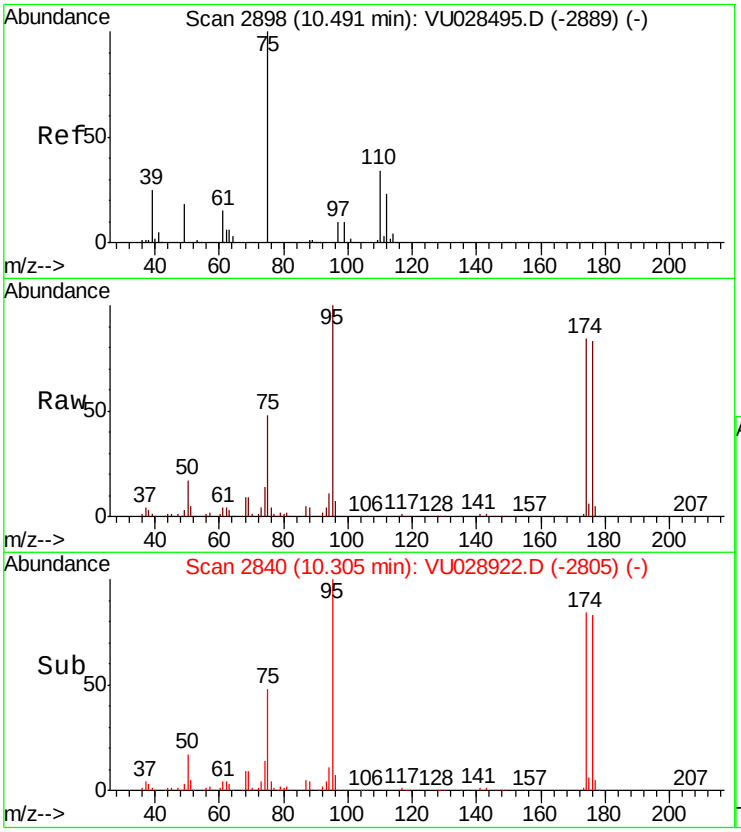


#73
Isopropylbenzene
Concen: 0.309 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:105 Resp: 2886

Ion	Ratio	Lower	Upper
105	100		
120	30.3	12.9	38.6



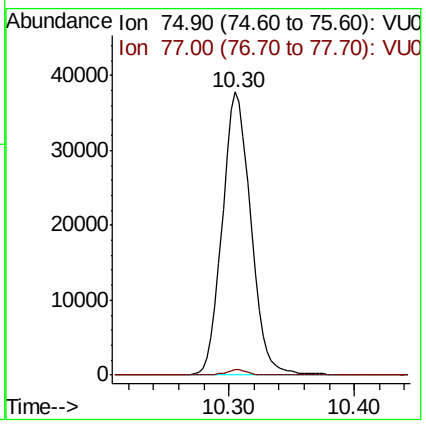


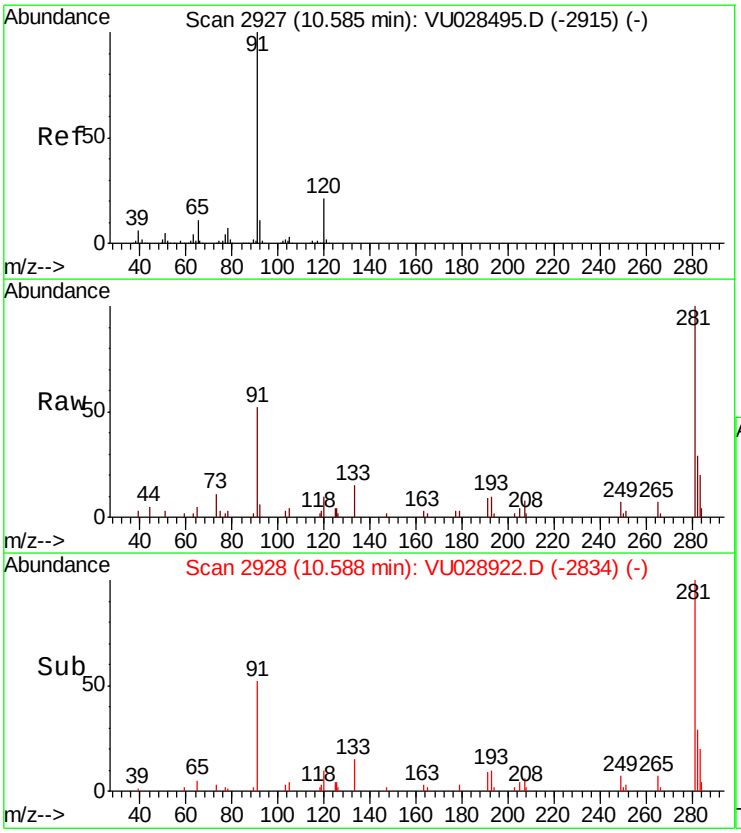
#76
1,2,3-Trichloropropane
Concen: 19.211 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 75 Resp: 59776

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.8	62.4#

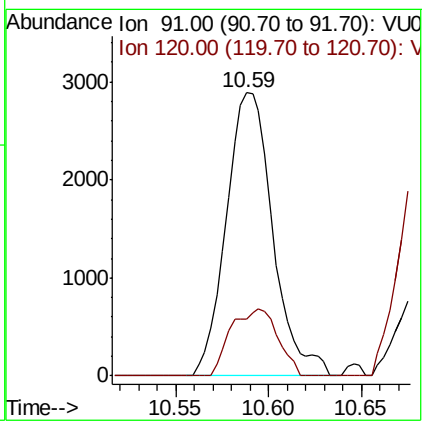


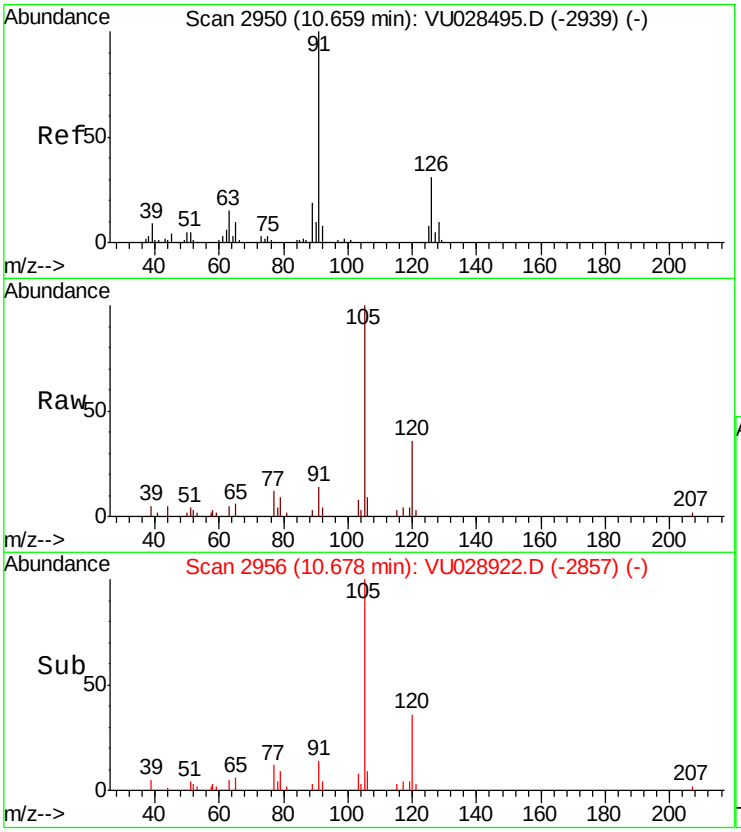


#78
n-propylbenzene
Concen: 0.434 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 91 Resp: 5041

Ion	Ratio	Lower	Upper
91	100		
120	23.9	10.6	31.8



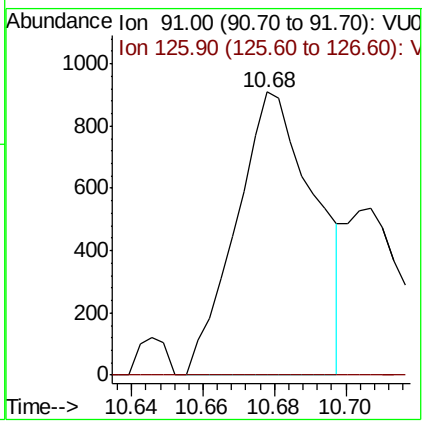


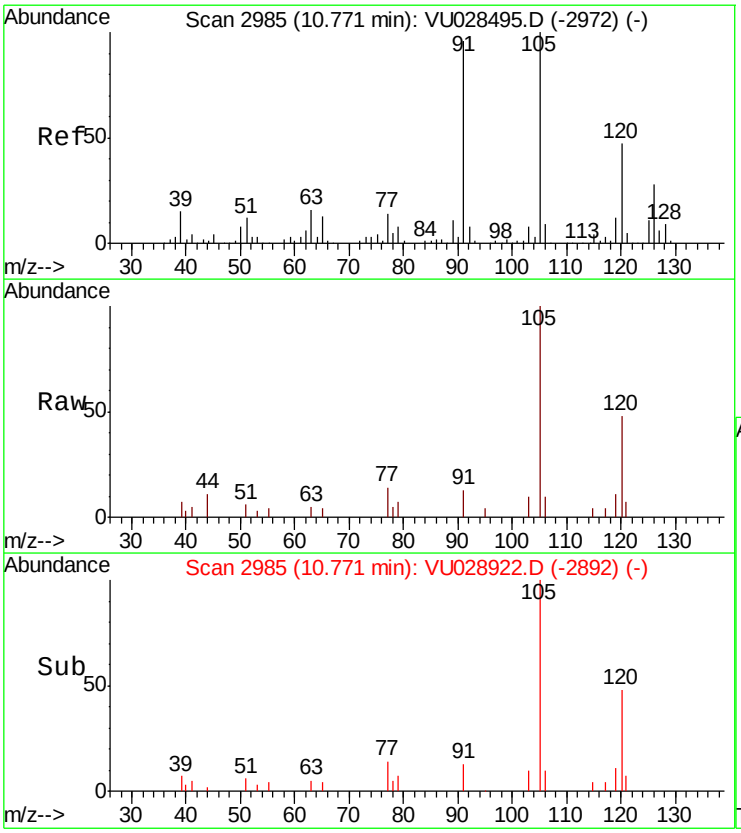
#79
2-Chlorotoluene
Concen: 0.208 ug/l
RT: 10.68 min Scan# 2956
Delta R.T. 0.02 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 91 Resp: 1390

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.6	46.8#

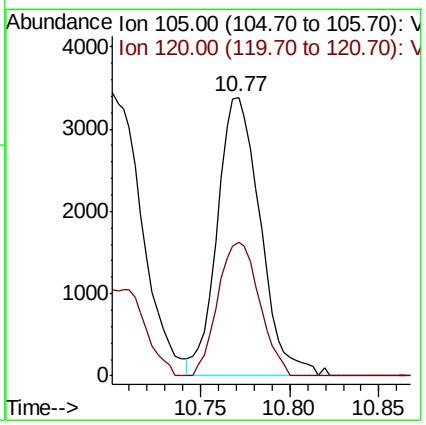


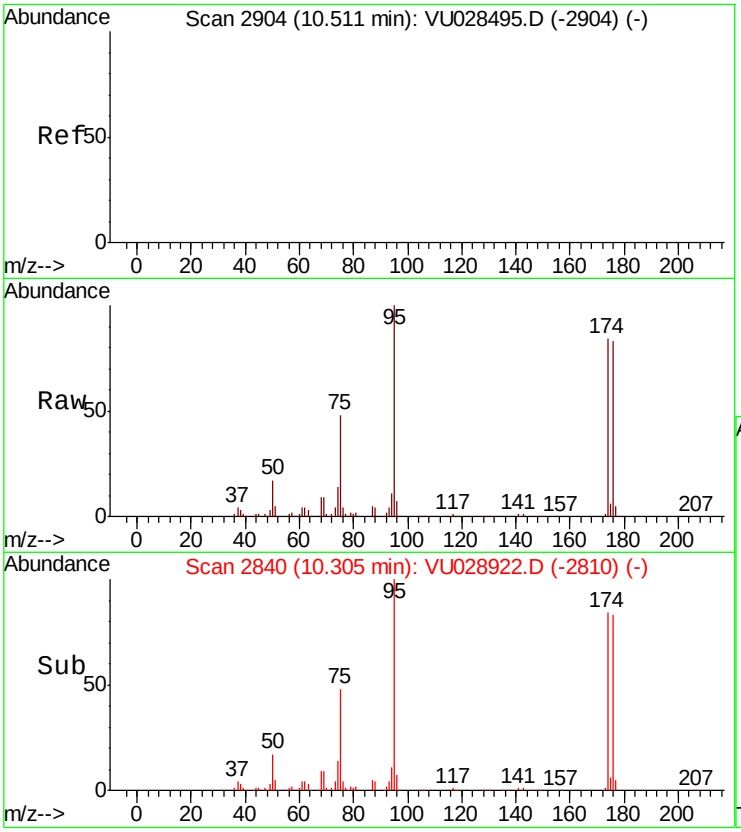


#80
1,3,5-Trimethylbenzene
Concen: 0.736 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:105 Resp: 5695

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.7	71.1



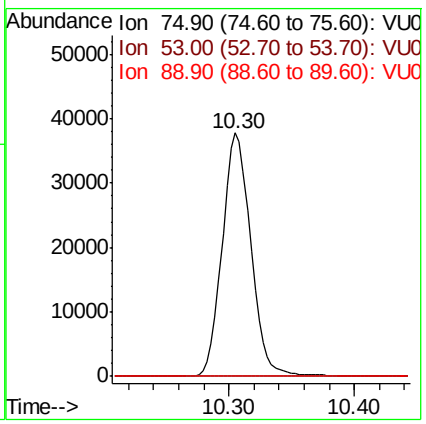


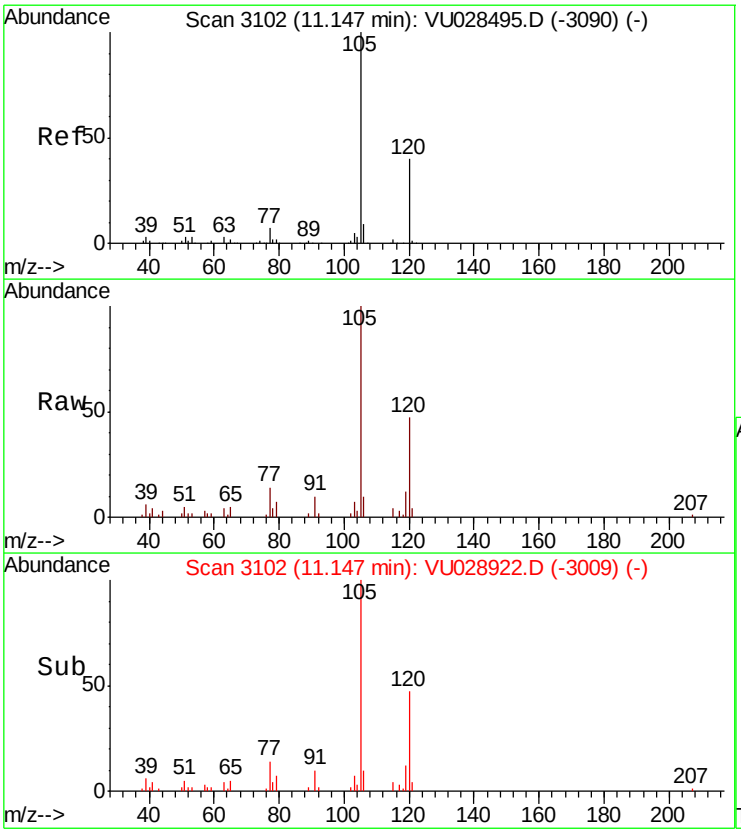
#81
trans-1,4-Dichloro-2-butene
Concen: 47.263 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 75 Resp: 59776

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

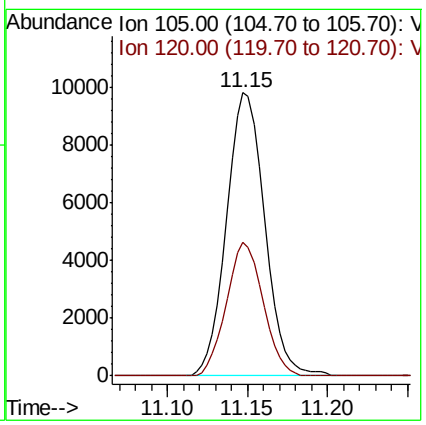


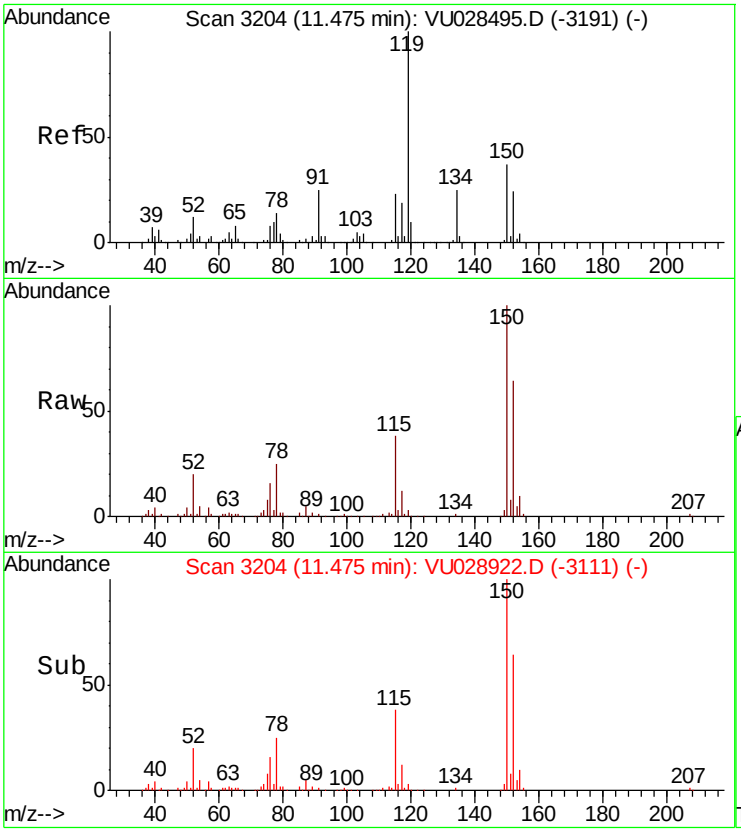


#84
1,2,4-Trimethylbenzene
Concen: 2.005 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:105 Resp: 15993

Ion	Ratio	Lower	Upper
105	100		
120	45.1	21.8	65.4



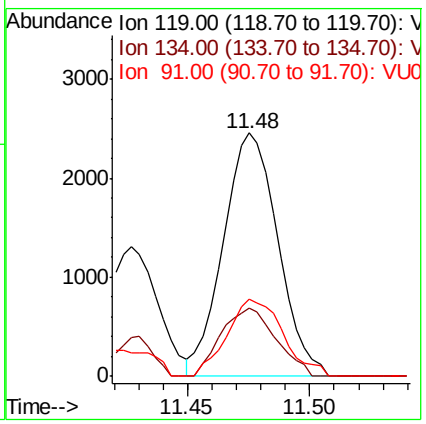


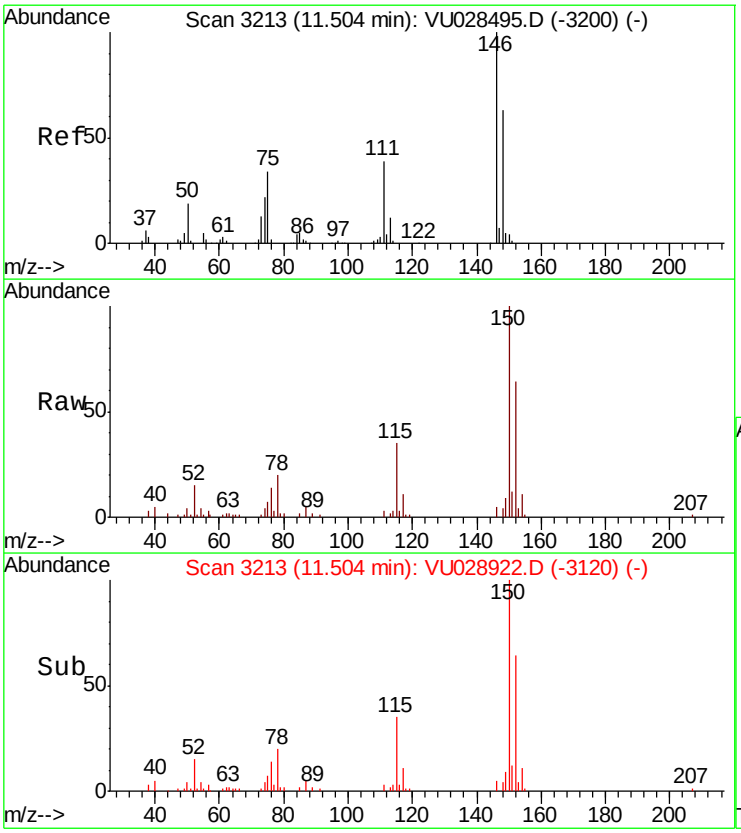
#86
p-Isopropyltoluene
Concen: 0.469 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion:119 Resp: 3820

Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.7	38.1
91	32.3	12.6	37.6

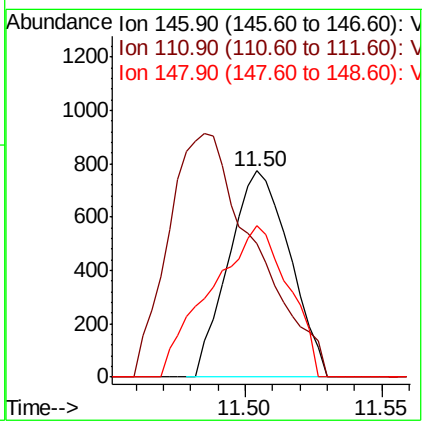


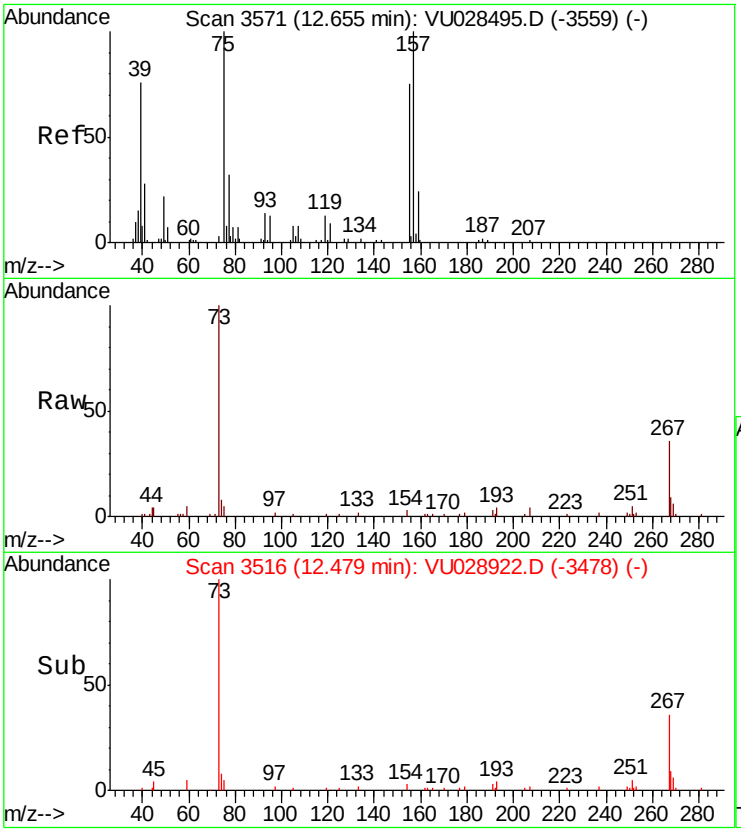


#88
1,4-Dichlorobenzene
Concen: 0.281 ug/l
RT: 11.50 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:146 Resp: 1201

Ion	Ratio	Lower	Upper
146	100		
111	167.6	20.2	60.5#
148	93.8	31.6	95.0



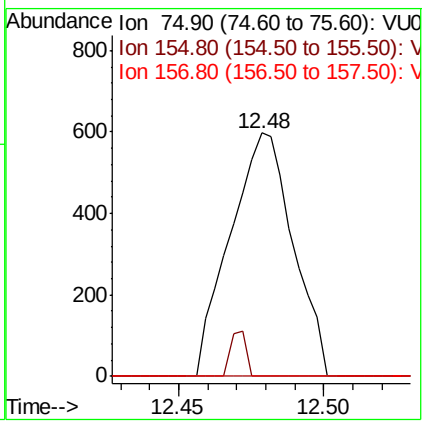


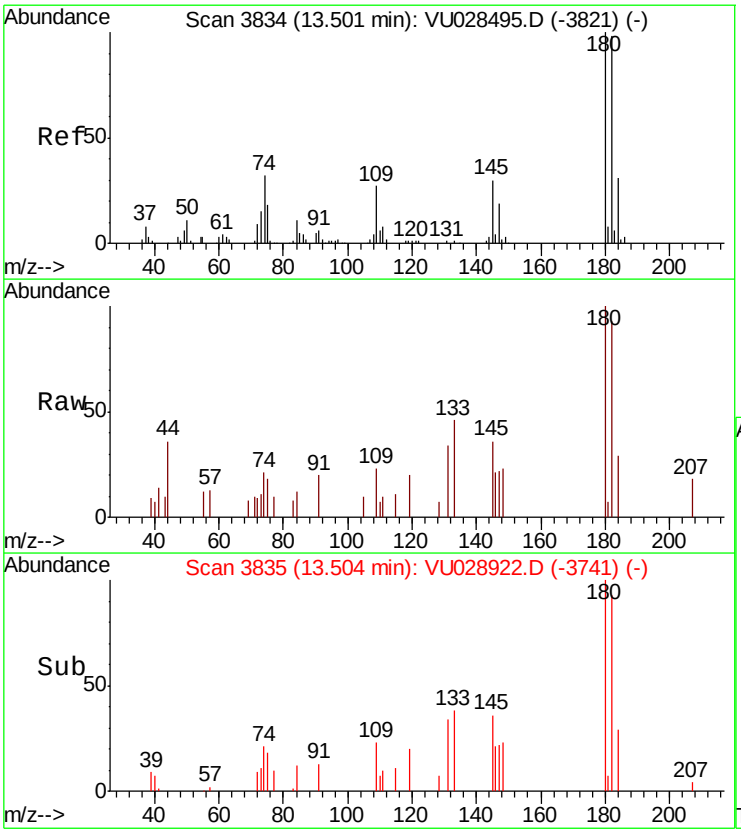
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.157 ug/l
RT: 12.48 min Scan# 3516
Delta R.T. -0.18 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 75 Resp: 900

Ion	Ratio	Lower	Upper
75	100		
155	4.7	38.1	114.5#
157	0.0	48.7	146.1#

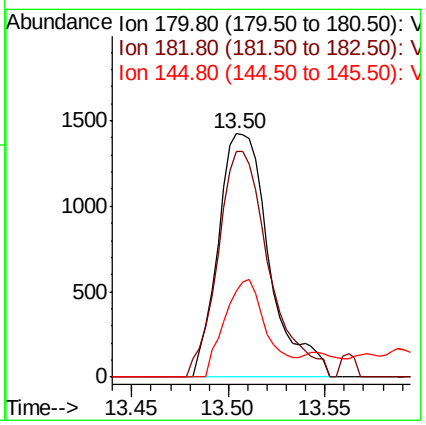


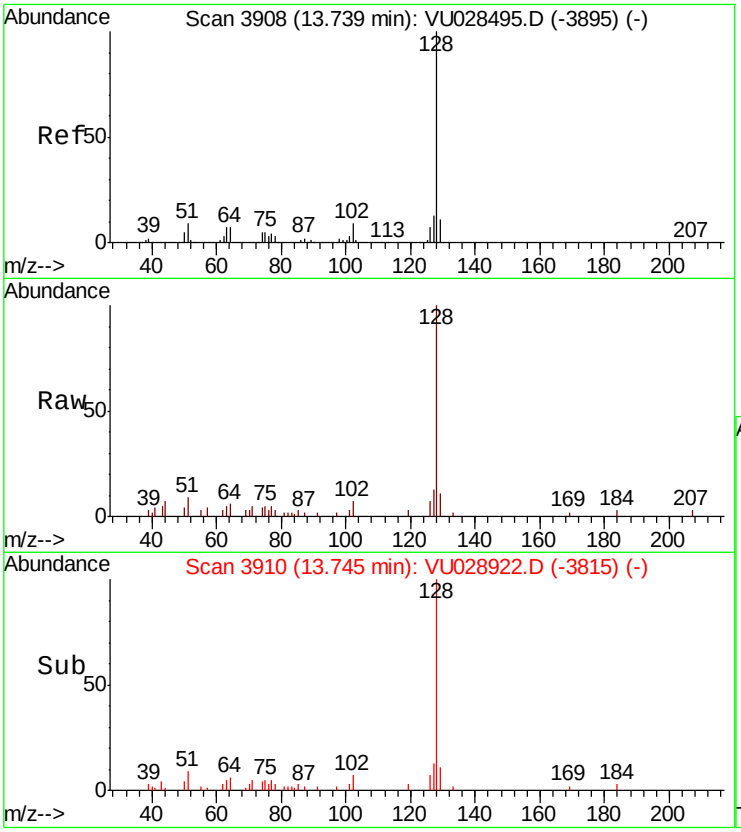


#93
1,2,4-Trichlorobenzene
Concen: 1.753 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:180 Resp: 2627

Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.9	143.8
145	32.7	15.0	45.1



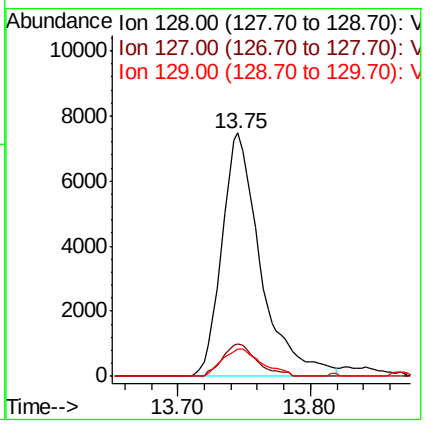


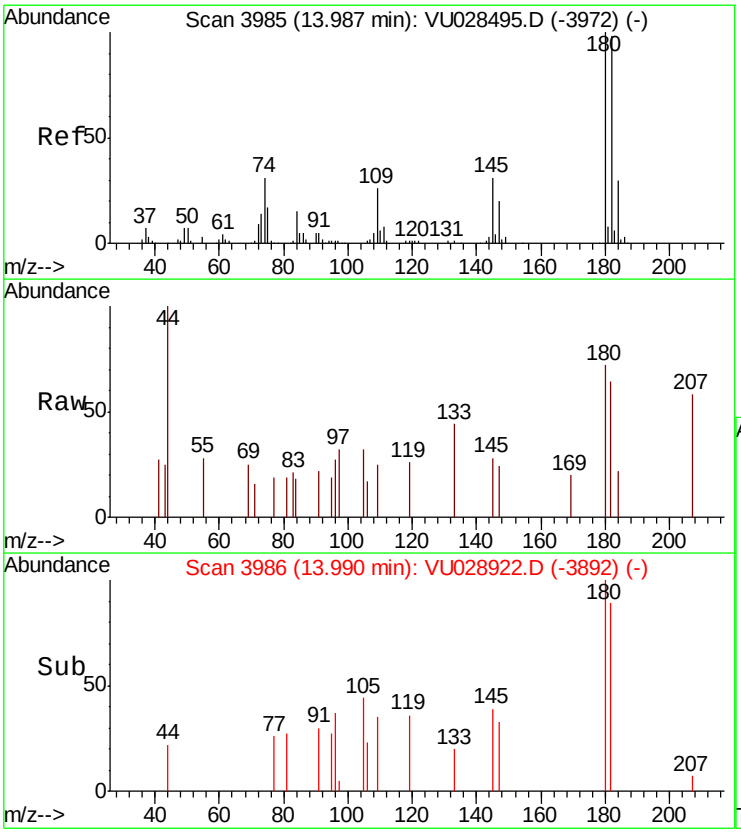
#95
Naphthalene
Concen: 1.534 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion:128 Resp: 15203

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.4	15.6
129	11.3	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.423 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:180 Resp: 783

Ion	Ratio	Lower	Upper
180	100		
182	75.7	48.2	144.6
145	31.5	15.8	47.3