Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028723.D
Acq On : 17 Dec 2018 16:19
Operator : MD/SY
Sample : J6402-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 18 03:09:00 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	89749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159755	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70821	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.42%			
35) Dibromofluoromethane	4.88	113	54056	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.54%			
50) Toluene-d8	7.57	98	203130	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.16%			
62) 4-Bromofluorobenzene	10.31	95	64457	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.72%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1882	0.851	ug/l	94
4) Vinyl Chloride	1.29	62	2593	1.625	ug/l #	43
5) Bromomethane	1.62	94	131	0.204	ug/l #	74
11) Tert butyl alcohol	2.83	59	169	0.554	ug/l #	73
16) Acetone	2.32	43	672	0.752	ug/l	93
18) Methyl Acetate	2.62	43	1184	0.511	ug/l #	56
20) Methylene Chloride	2.71	84	377	0.286	ug/l #	73
31) Cyclohexane	4.98	56	1959	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7994	4.573	ug/l #	47
38) Carbon Tetrachloride	4.98	117	8746	6.207	ug/l #	15
51) 4-Methyl-2-Pentanone	7.57	43	1104	0.490	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	33706	24.587	ug/l #	36
79) 2-Chlorotoluene	10.59	91	862	0.292	ug/l #	43
81) trans-1,4-Dichloro-2-buten	10.30	75	33706	60.341	ug/l #	100
82) 4-Chlorotoluene	10.59	91	862	0.247	ug/l #	47

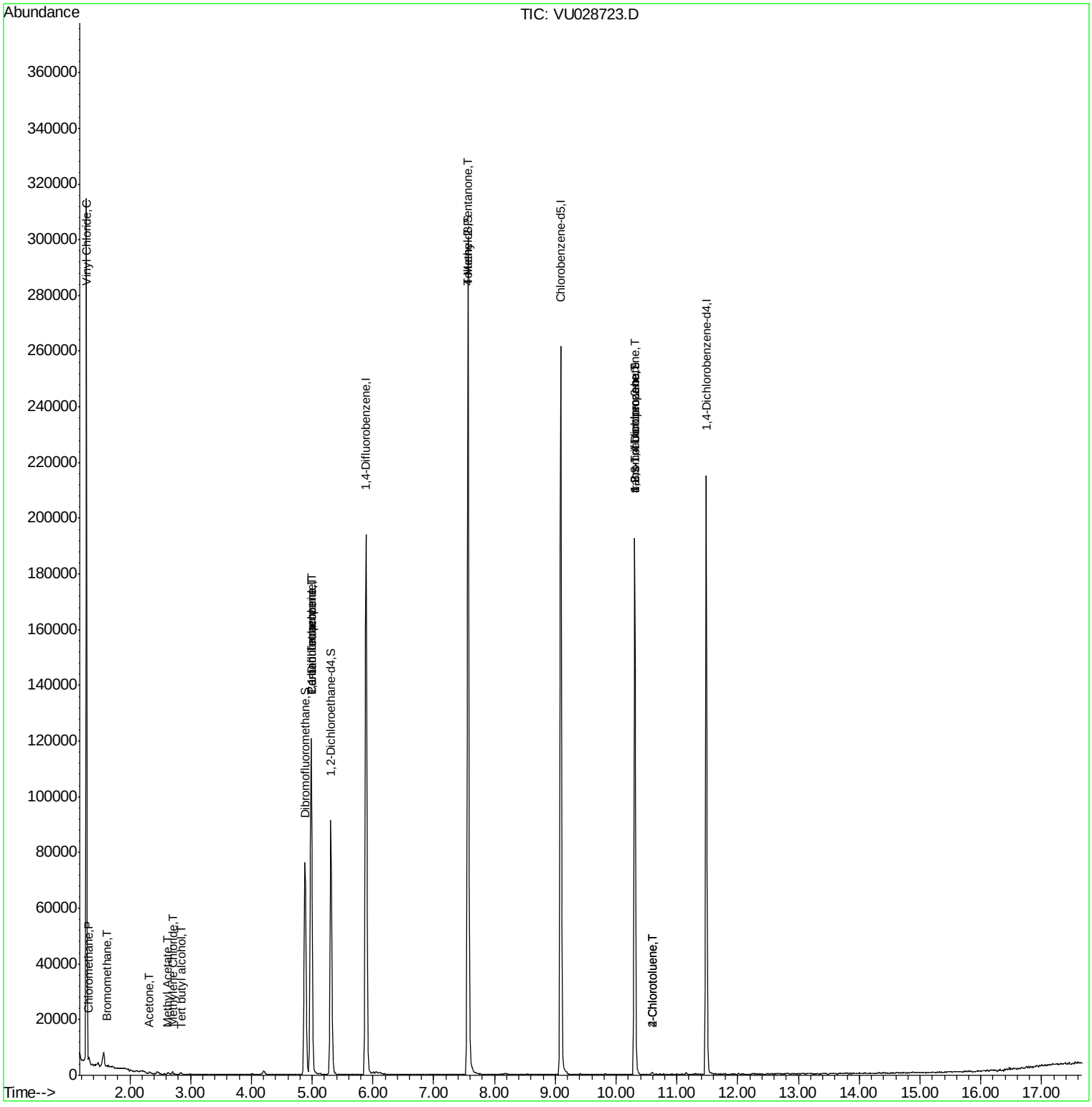
(#) = qualifier out of range (m) = manual integration (+) = signals summed

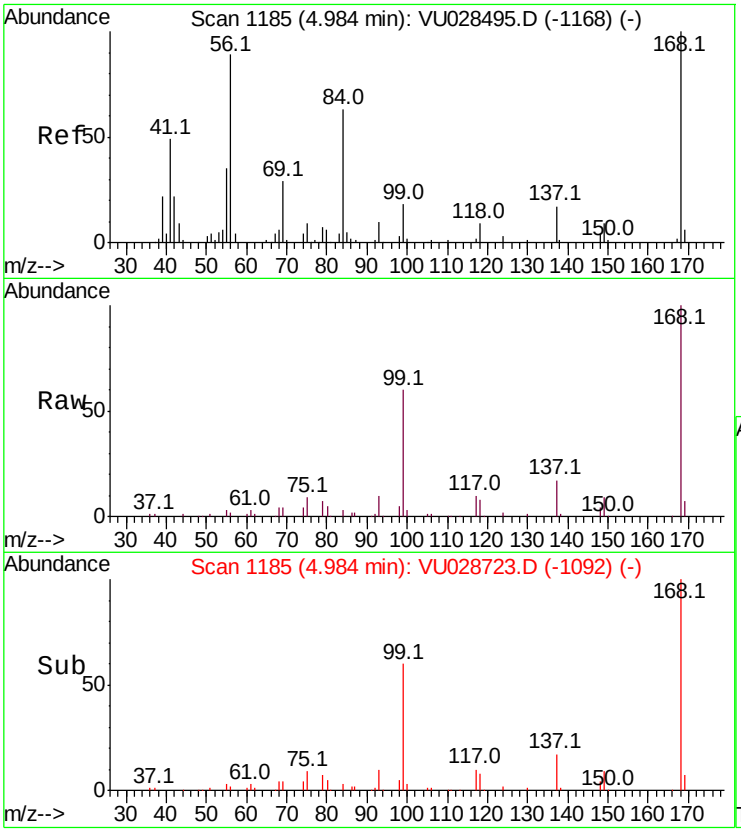
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121718\
Data File : VU028723.D
Acq On : 17 Dec 2018 16:19
Operator : MD/SY
Sample : J6402-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 18 03:09:00 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



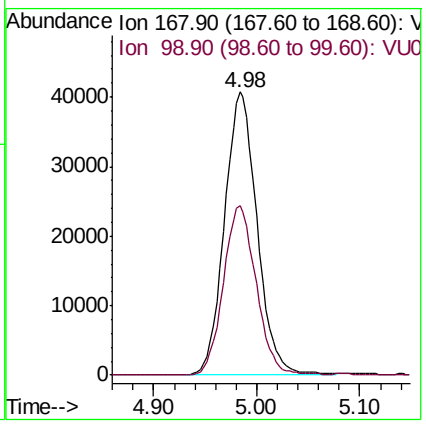


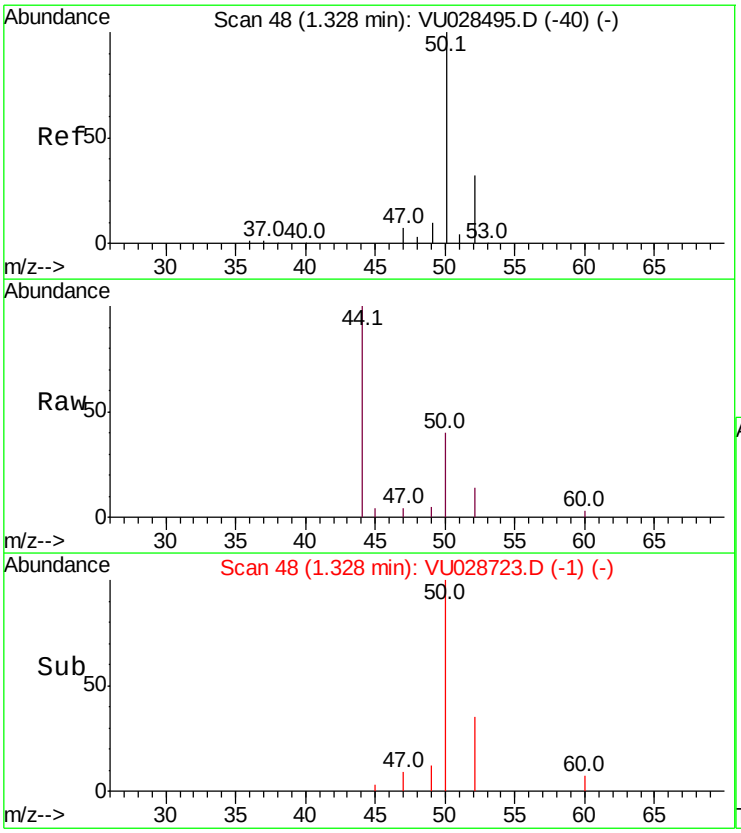
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 89749

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.6	69.8

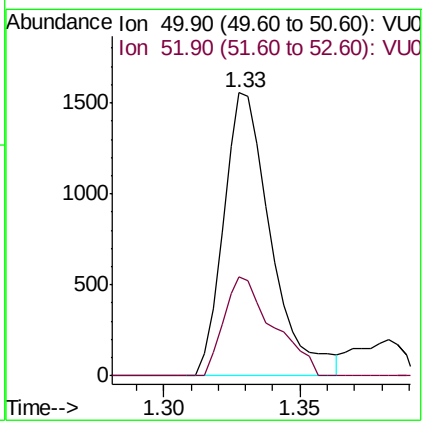


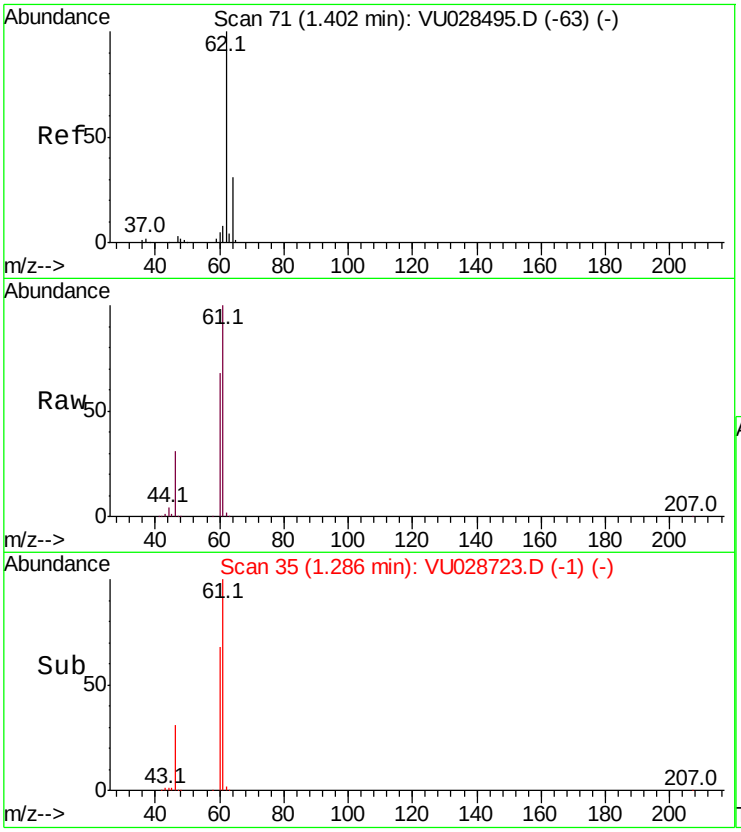


#3
Chloromethane
Concen: 0.851 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion: 50 Resp: 1882

Ion	Ratio	Lower	Upper
50	100		
52	35.1	25.5	38.3



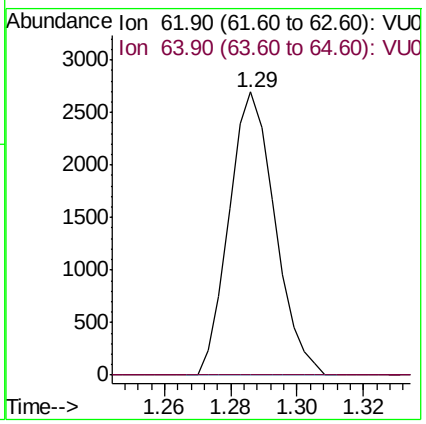


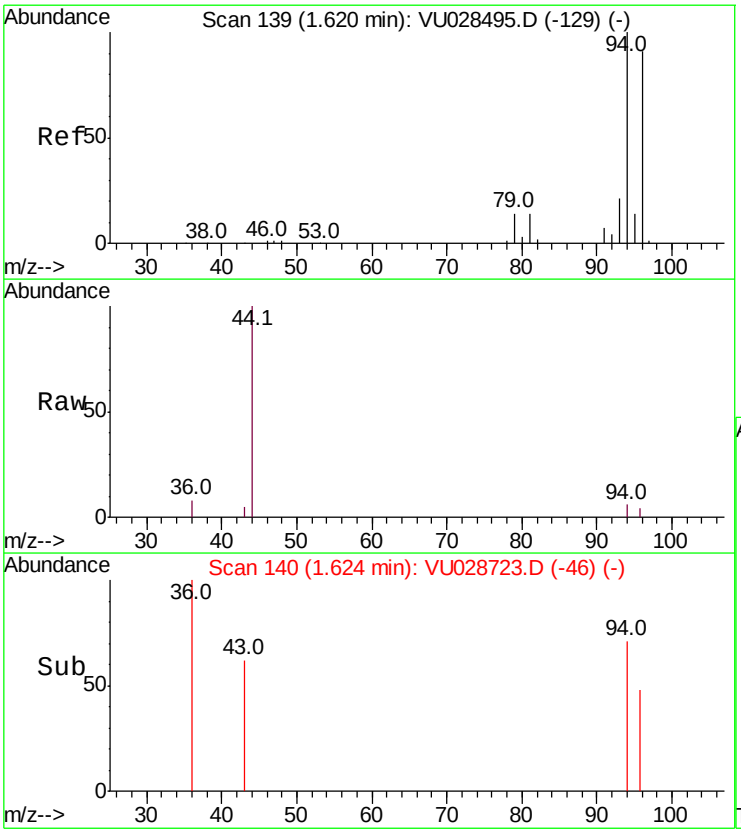
#4
Vinyl Chloride
Concen: 1.625 ug/l
RT: 1.29 min Scan# 35
Delta R.T. -0.12 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 2593

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.1	37.7#

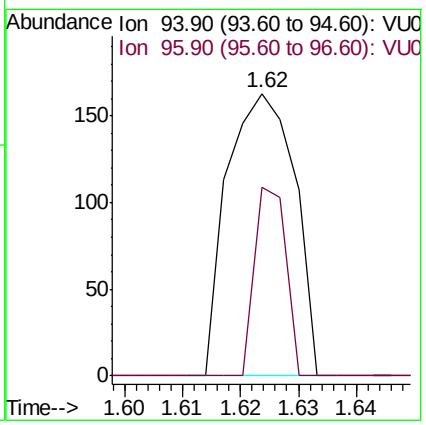


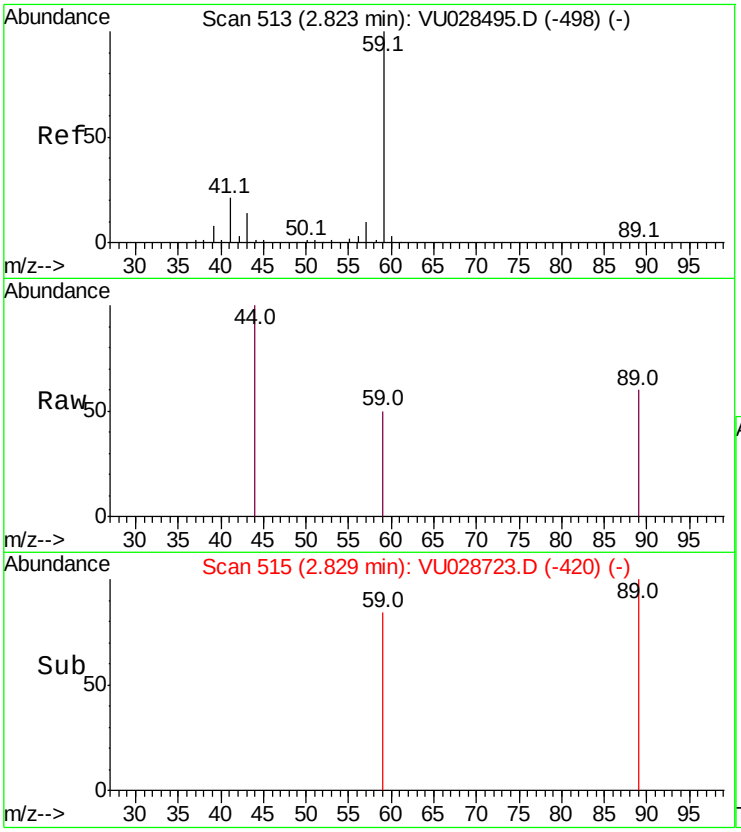


#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion: 94 Resp: 131

Ion	Ratio	Lower	Upper
94	100		
96	66.9	73.2	109.8#



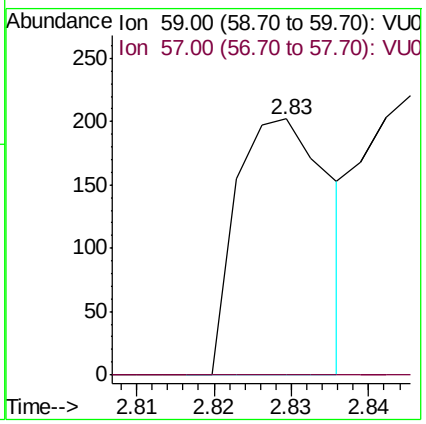


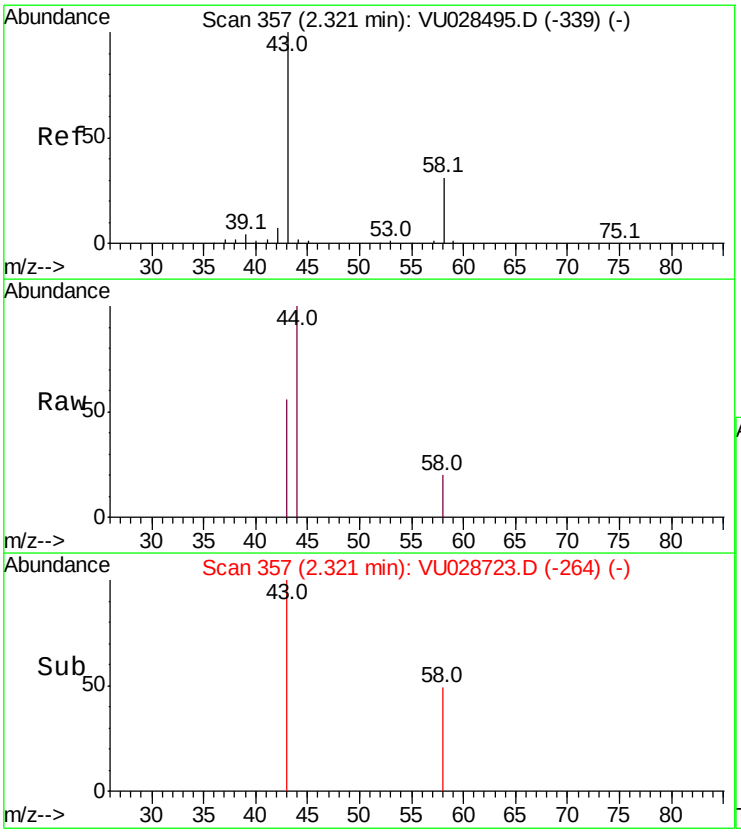
#11
Tert butyl alcohol
Concen: 0.554 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.01 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 59 Resp: 169

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

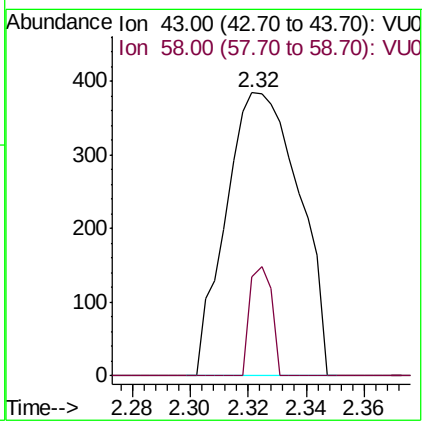


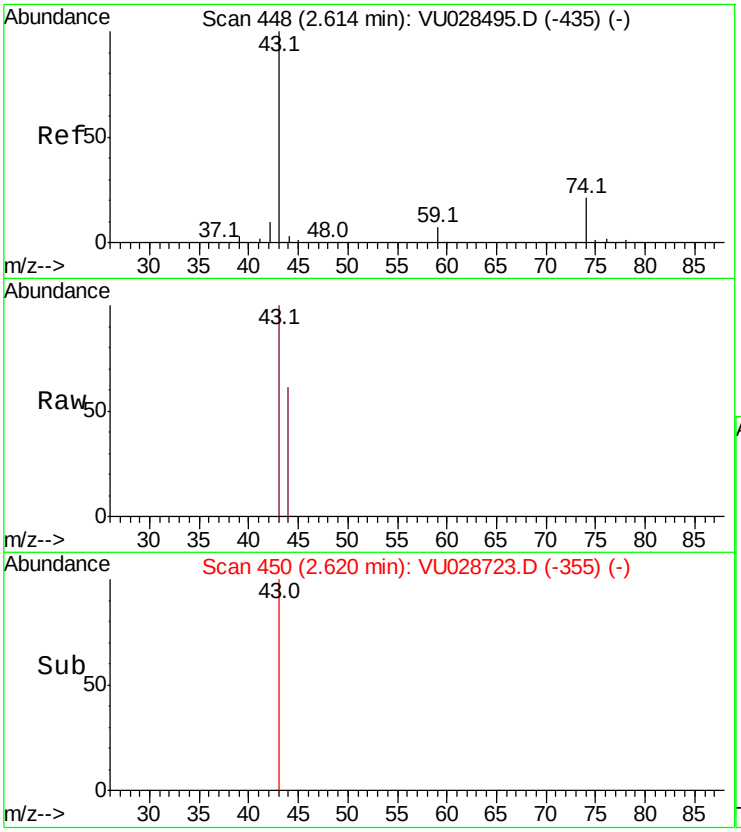


#16
Acetone
Concen: 0.752 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion: 43 Resp: 672

Ion	Ratio	Lower	Upper
43	100		
58	34.9	24.6	37.0



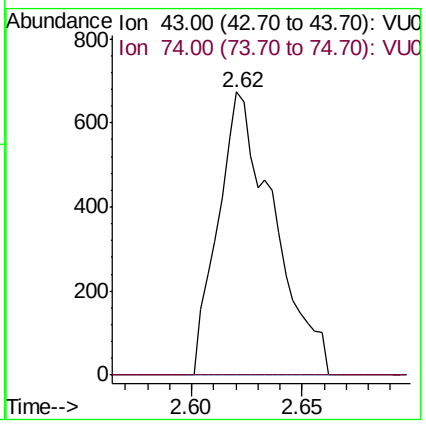


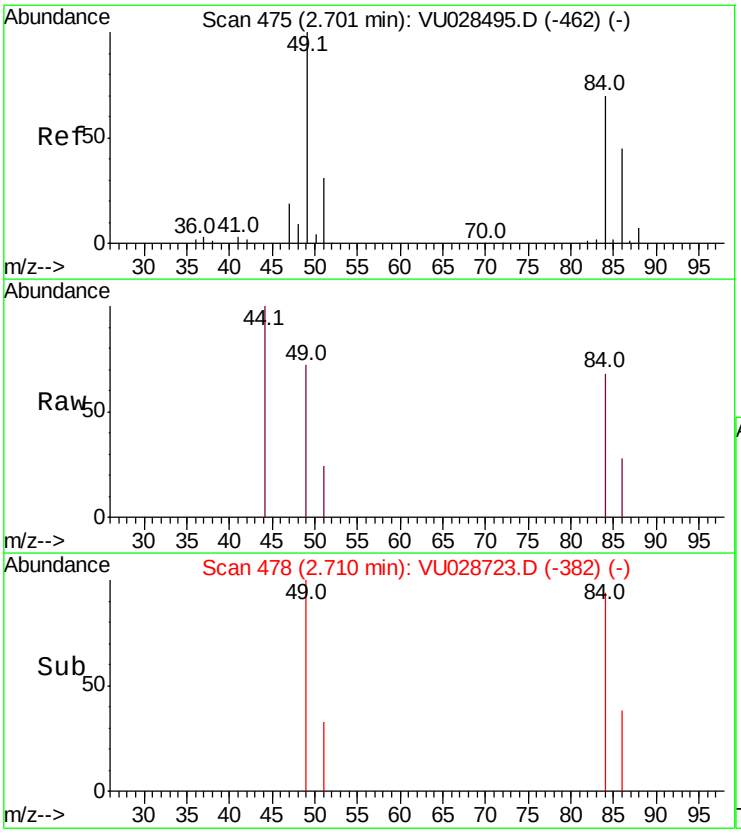
#18
Methyl Acetate
Concen: 0.511 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1184

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.4	24.6#

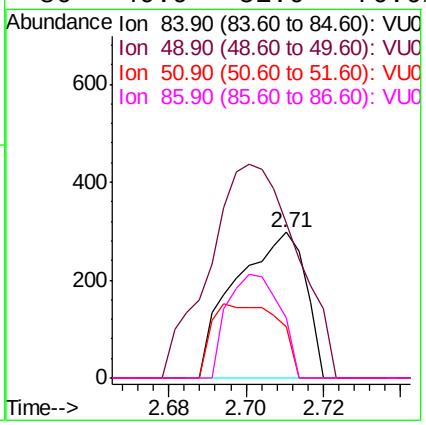


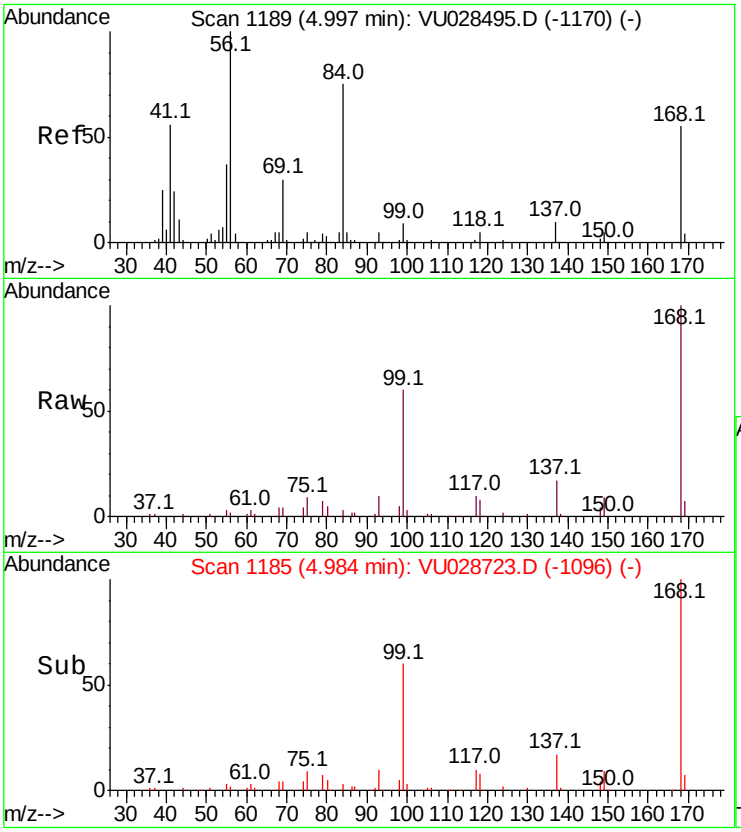


#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 2.71 min Scan# 478
Delta R.T. 0.01 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion: 84 Resp: 377

Ion	Ratio	Lower	Upper
84	100		
49	106.4	114.0	171.0#
51	34.9	35.1	52.7#
86	40.9	51.0	76.6#



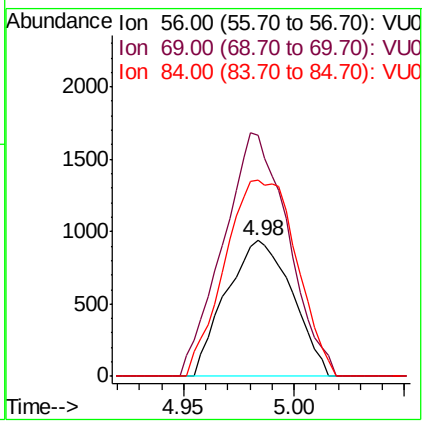


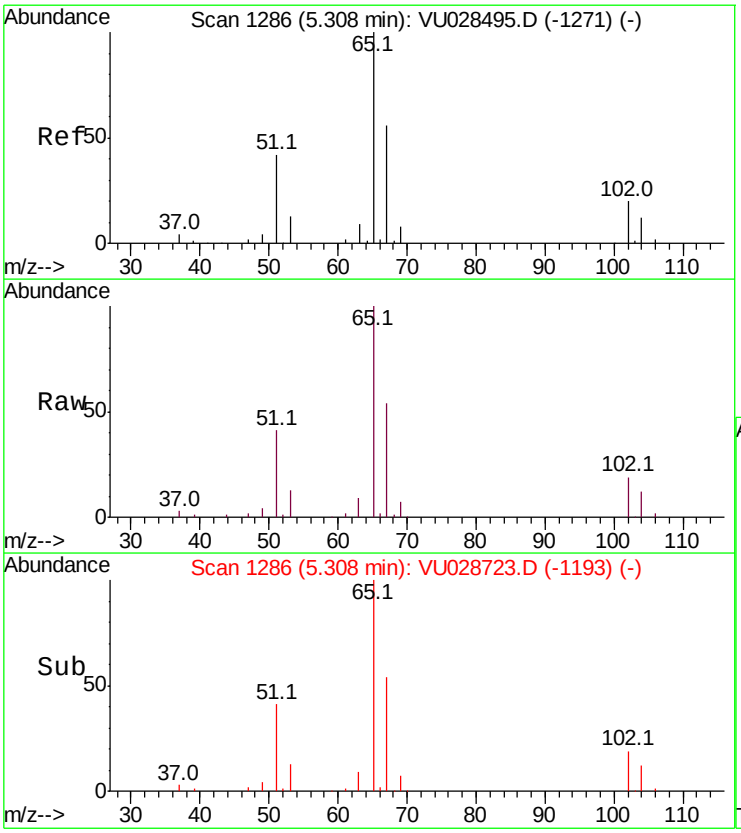
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 1959

Ion	Ratio	Lower	Upper
56	100		
69	177.4	24.0	36.0#
84	144.9	59.7	89.5#

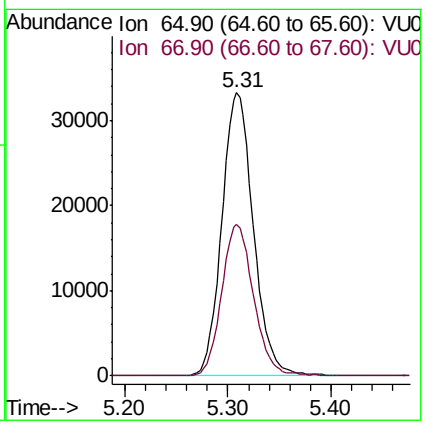


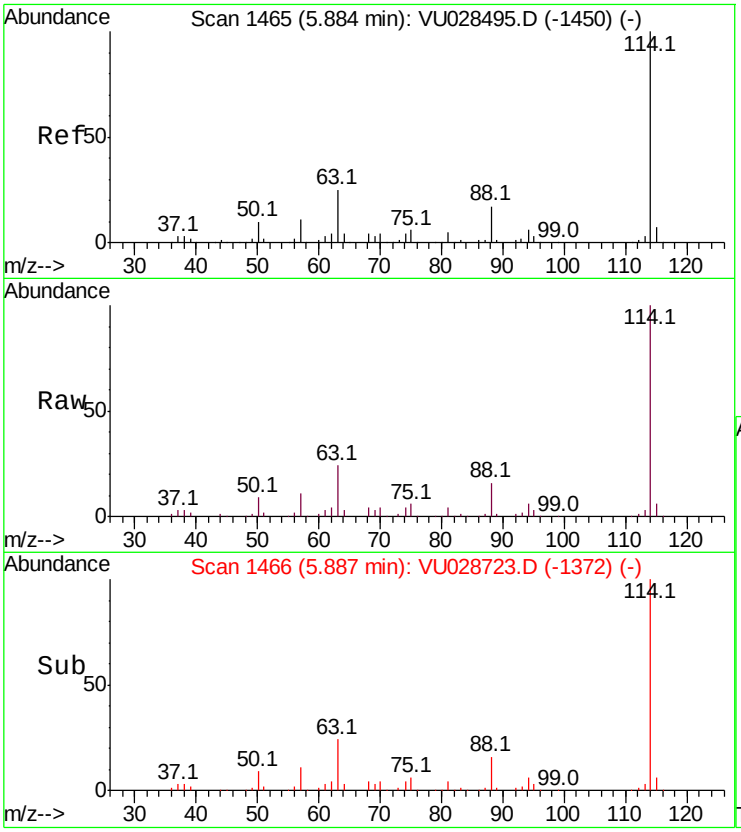


#33
1,2-Dichloroethane-d4
Concen: 51.708 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion: 65 Resp: 70821

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	110.6



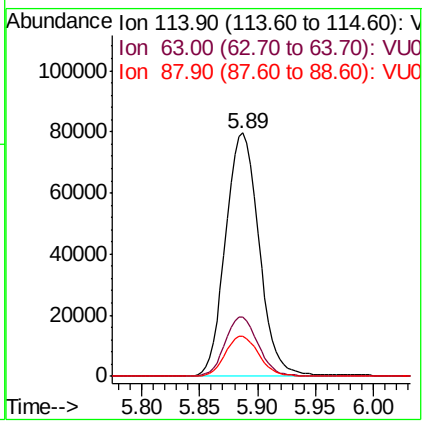


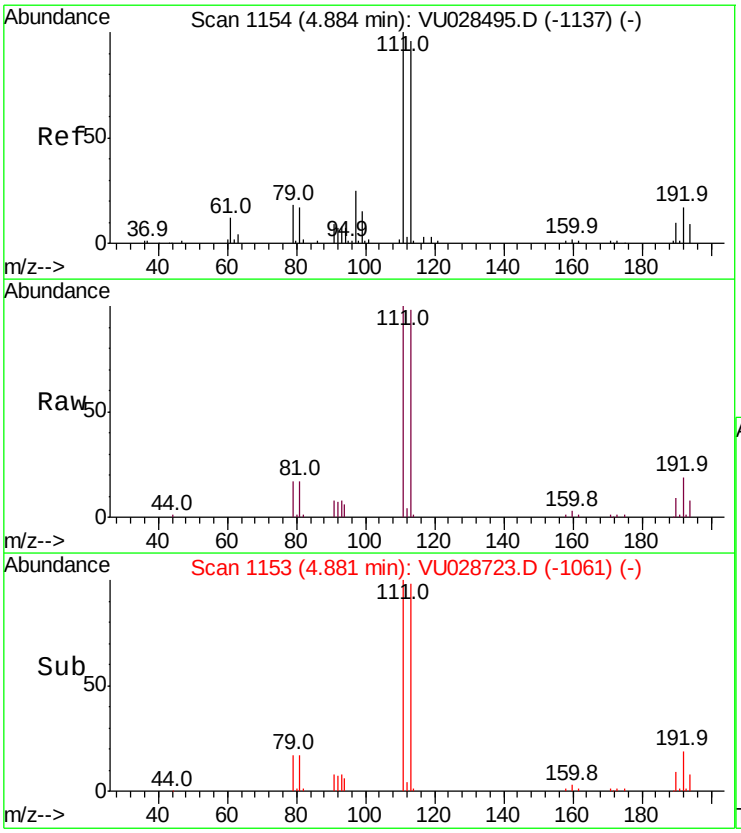
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:114 Resp: 159755

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	16.3	0.0	33.4

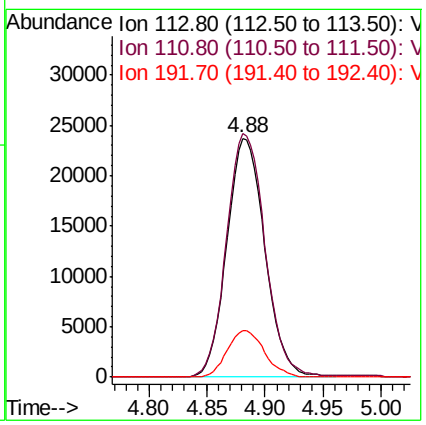


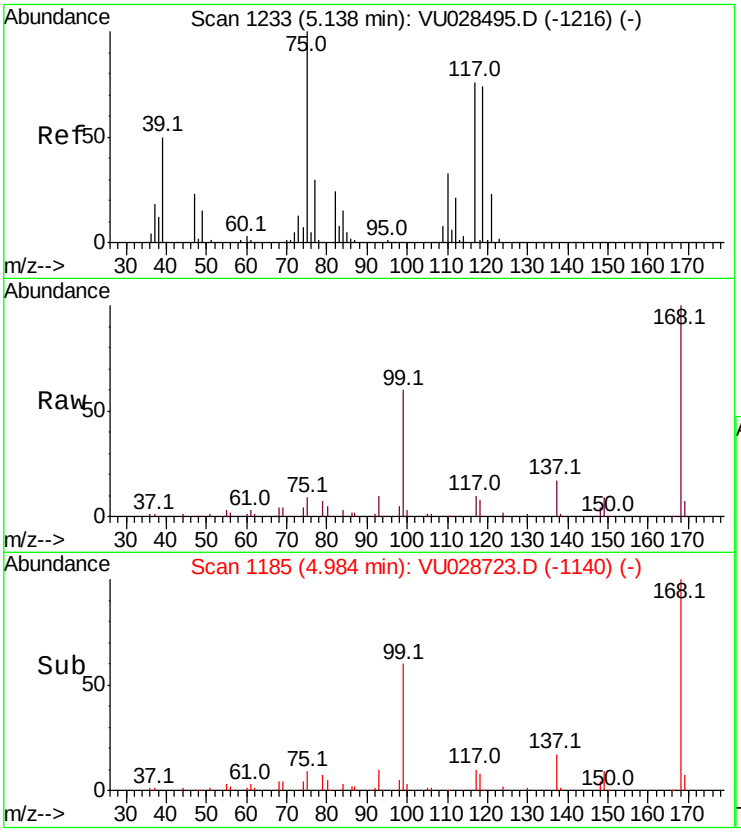


#35
Dibromofluoromethane
Concen: 53.768 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion:113 Resp: 54056

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.0
192	19.0	14.8	22.2



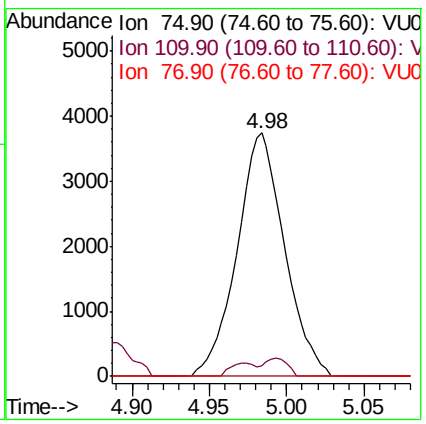


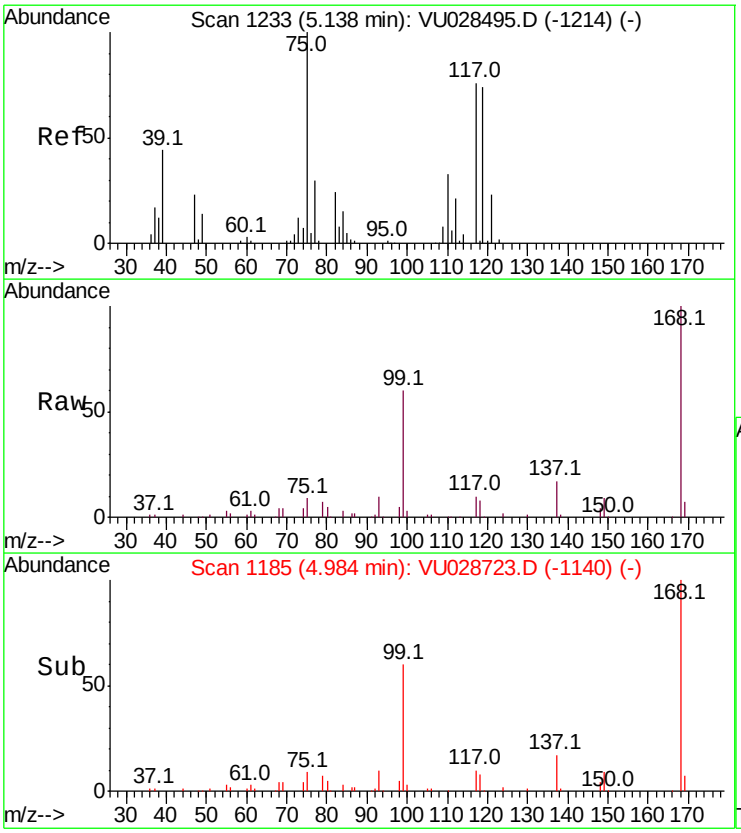
#36
1,1-Dichloropropene
Concen: 4.573 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 7994

Ion	Ratio	Lower	Upper
75	100		
110	3.7	16.1	48.2#
77	0.0	24.5	36.7#

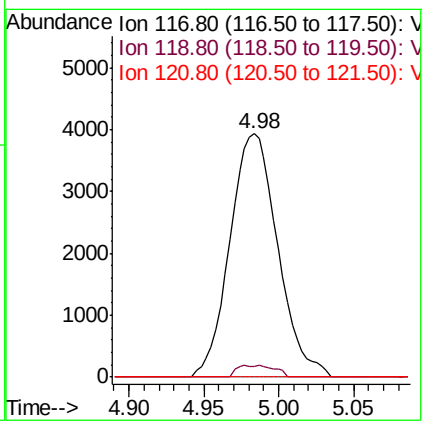


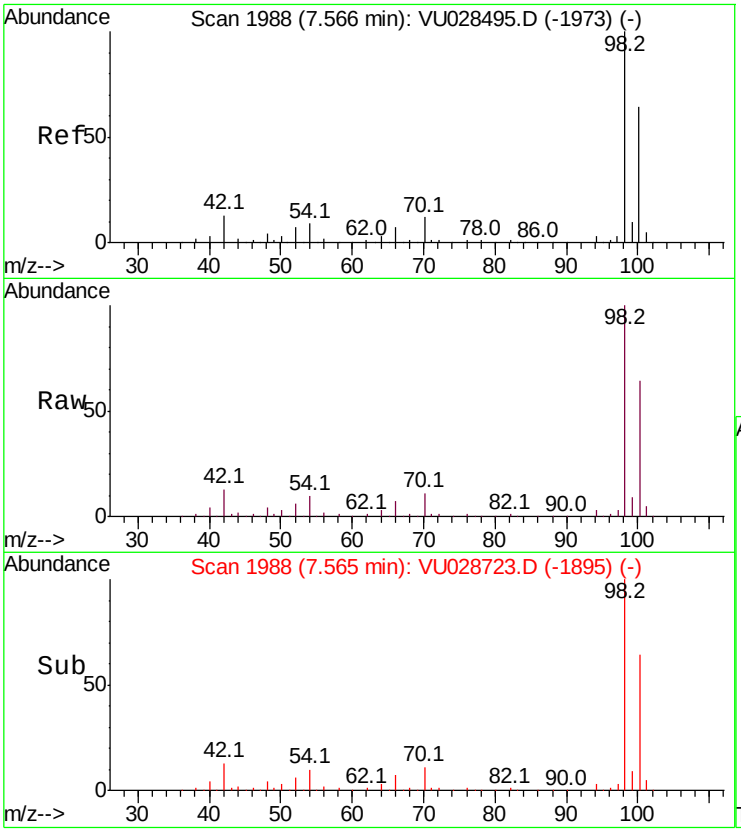


#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion:117 Resp: 8746

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.6	116.4#
121	0.0	24.6	36.8#



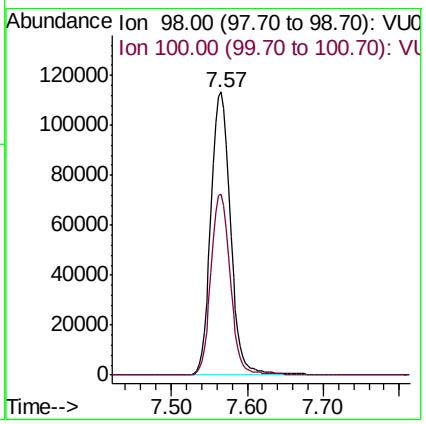


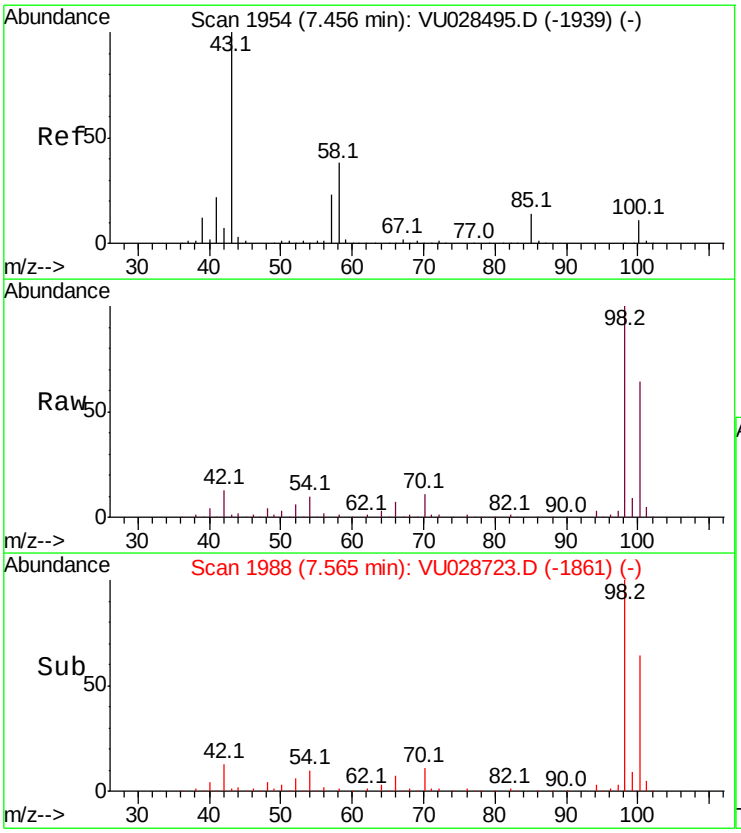
#50
Toluene-d8
Concen: 51.076 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 98 Resp: 203130

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.0	76.6

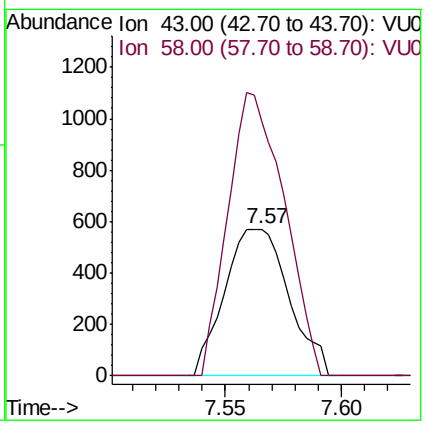


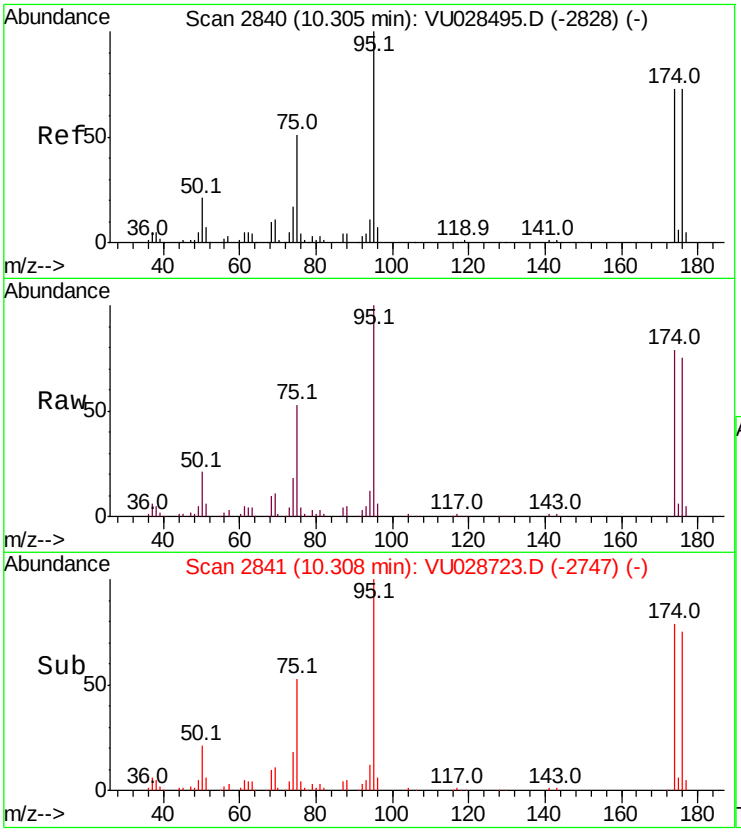


#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.11 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion: 43 Resp: 1104

Ion	Ratio	Lower	Upper
43	100		
58	168.2	30.2	45.2#



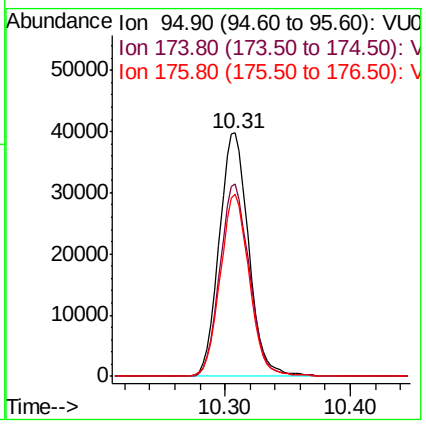


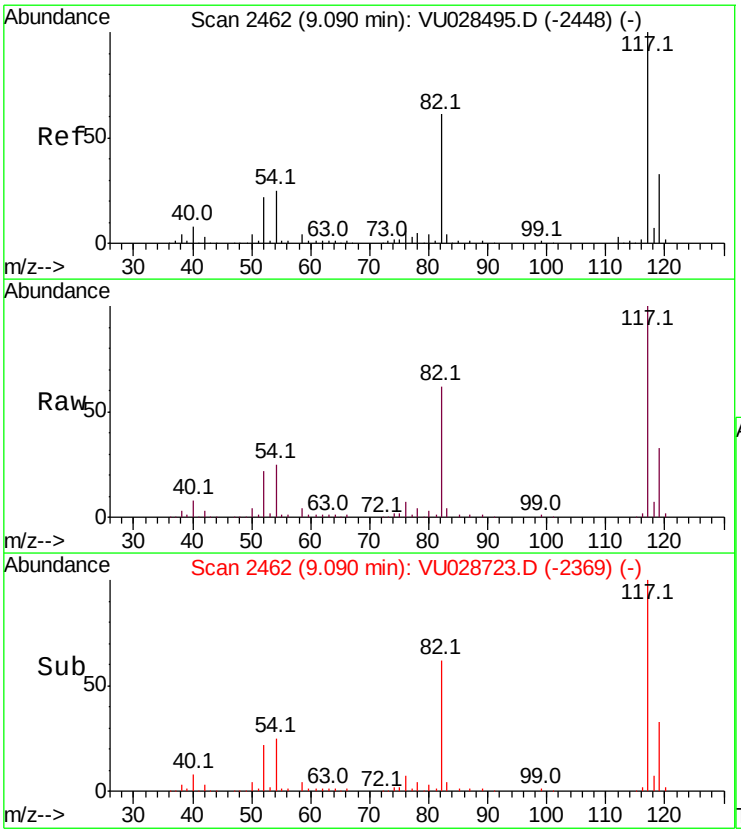
#62
4-Bromofluorobenzene
Concen: 43.363 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 64457

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	150.4
176	74.2	0.0	145.2

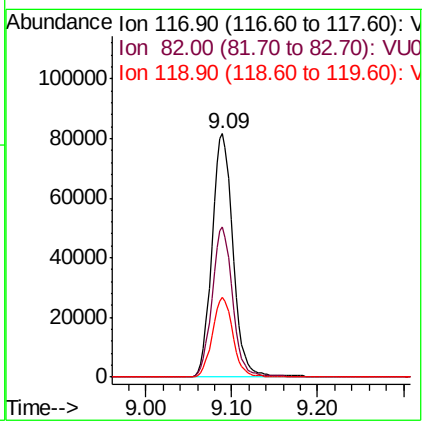


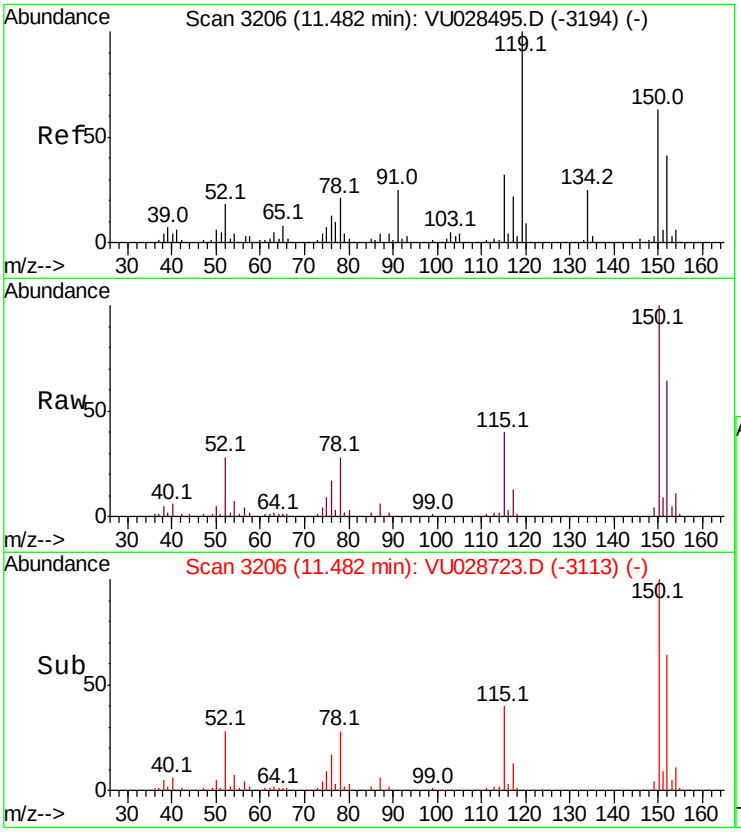


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion:117 Resp: 139621

Ion	Ratio	Lower	Upper
117	100		
82	61.9	48.9	73.3
119	32.5	26.2	39.4



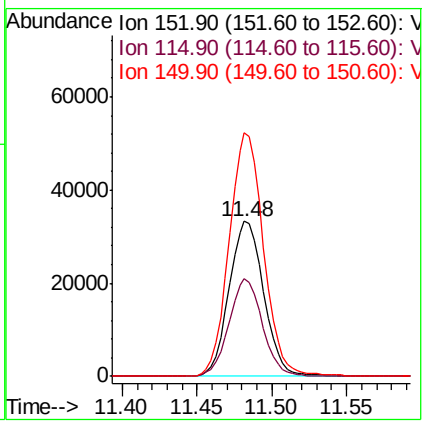


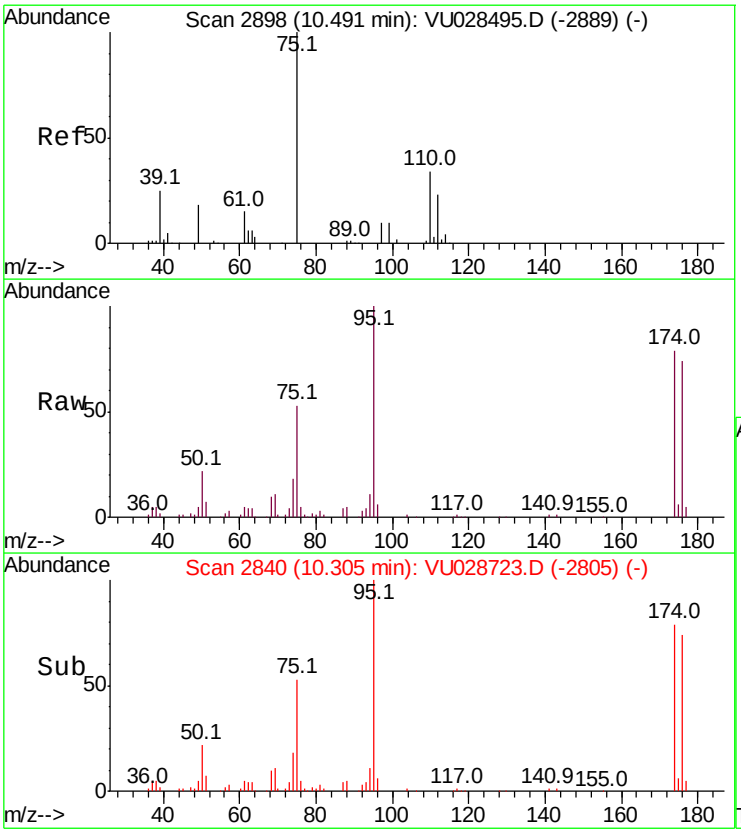
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 53687

Ion	Ratio	Lower	Upper
152	100		
115	60.7	42.7	128.1
150	155.9	0.0	346.0

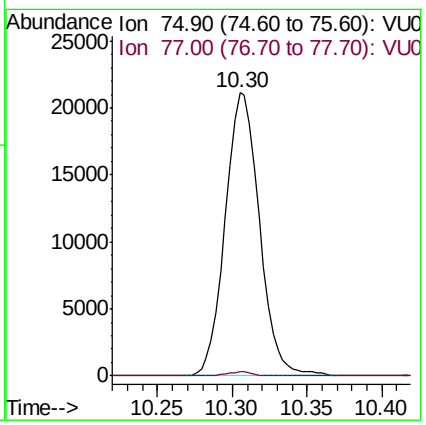


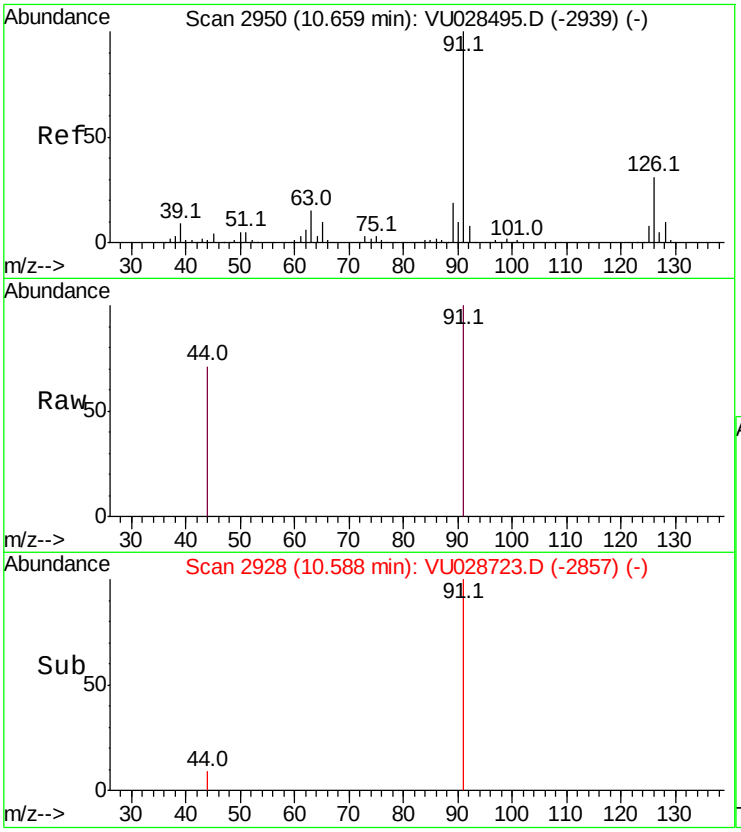


#76
1,2,3-Trichloropropane
Concen: 24.587 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion: 75 Resp: 33706

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.8	62.4#



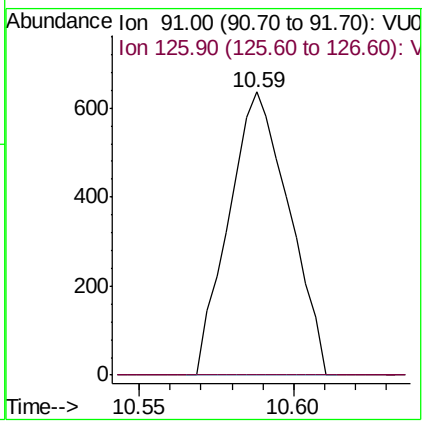


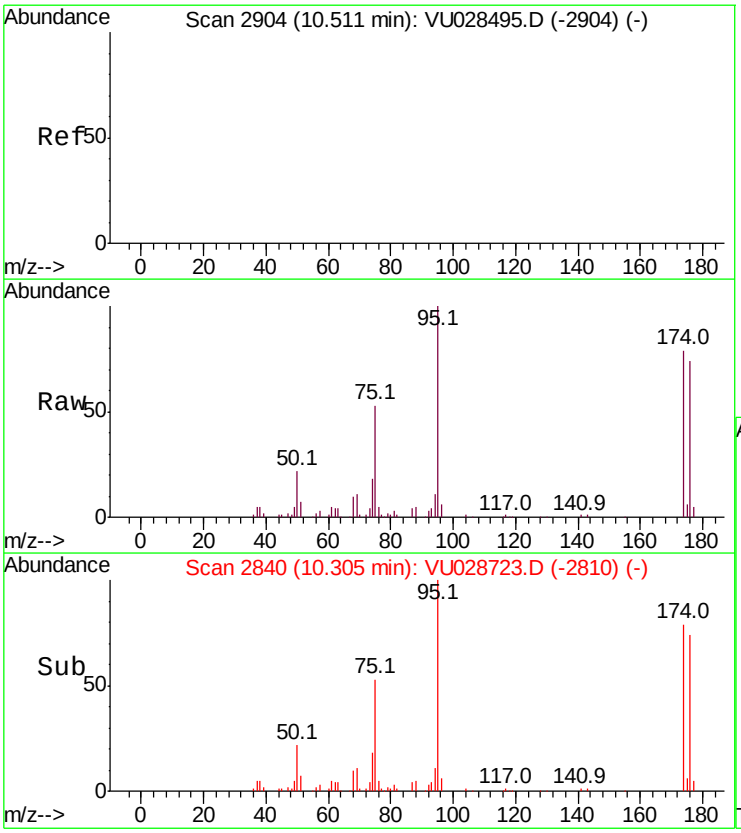
#79
2-Chlorotoluene
Concen: 0.292 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.07 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 862

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.6	46.8#

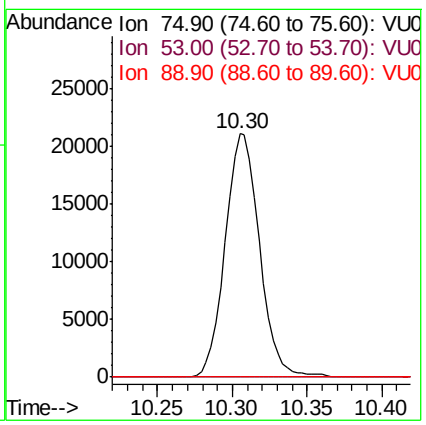


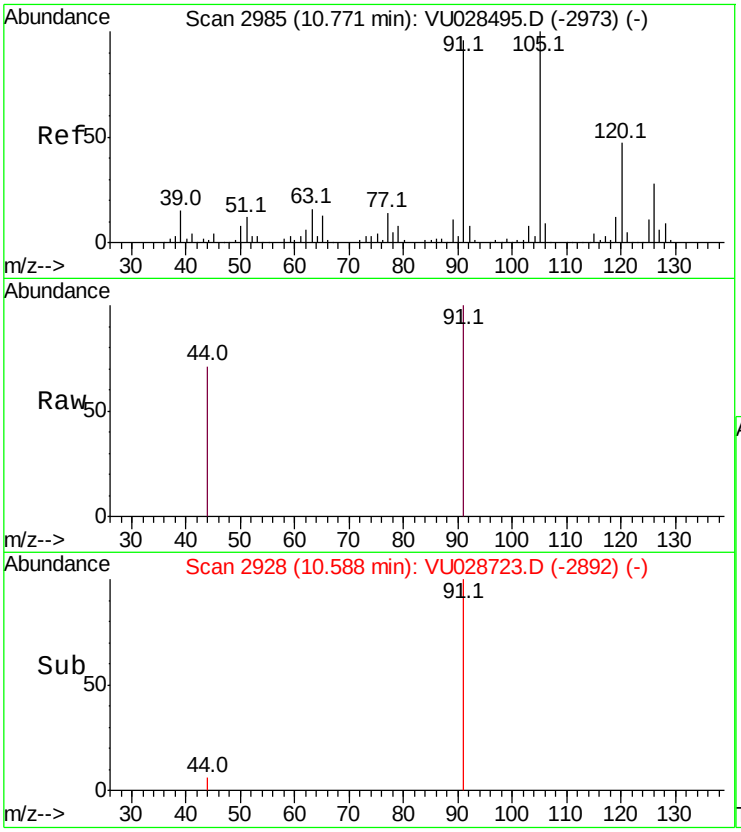


#81
trans-1,4-Dichloro-2-butene
Concen: 60.341 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Tgt Ion: 75 Resp: 33706

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





#82
4-Chlorotoluene
Concen: 0.247 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.18 min
Lab File: VU028723.D
Acq: 17 Dec 2018 16:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 862

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	42.3#