Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
Data File : VU028694.D
Acq On : 14 Dec 2018 19:40
Operator : MD/SY
Sample : J6393-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:23:27 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	77241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	137530	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	126561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	64964	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.22%			
35) Dibromofluoromethane	4.88	113	48439	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.94%			
50) Toluene-d8	7.57	98	178666	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.36%			
62) 4-Bromofluorobenzene	10.30	95	59304	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.68%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	782	0.411	ug/l	89
4) Vinyl Chloride	1.40	62	585	0.426	ug/l	98
16) Acetone	2.32	43	546	0.710	ug/l #	51
18) Methyl Acetate	2.62	43	1549	0.777	ug/l #	70
21) trans-1,2-Dichloroethene	2.98	96	661	0.683	ug/l #	67
27) cis-1,2-Dichloroethene	4.22	96	47374	43.227	ug/l	89
31) Cyclohexane	4.98	56	2203	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	6918	4.597	ug/l #	50
38) Carbon Tetrachloride	4.98	117	7509	6.190	ug/l #	16
39) Methylcyclohexane	6.18	83	544	0.296	ug/l #	1
40) Benzene	5.39	78	1265	0.285	ug/l	96
44) Trichloroethene	6.18	130	44181	44.829	ug/l	98
51) 4-Methyl-2-Pentanone	7.56	43	1077	0.555	ug/l #	1
55) 1,1,2-Trichloroethane	8.23	97	2224	2.157	ug/l #	1
60) Dibromochloromethane	8.22	129	243640	241.331	ug/l #	10
64) Tetrachloroethene	8.23	164	251226	297.593	ug/l	99
76) 1,2,3-Trichloropropane	10.30	75	30817	24.066	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	30817	59.074	ug/l #	100
83) tert-Butylbenzene	11.10	119	4272	1.391	ug/l	88
84) 1,2,4-Trimethylbenzene	11.32	105	864	0.263	ug/l #	32
85) sec-Butylbenzene	11.32	105	864	0.219	ug/l	81
91) 1,2-Dichlorobenzene	11.88	146	2187	1.287	ug/l	94

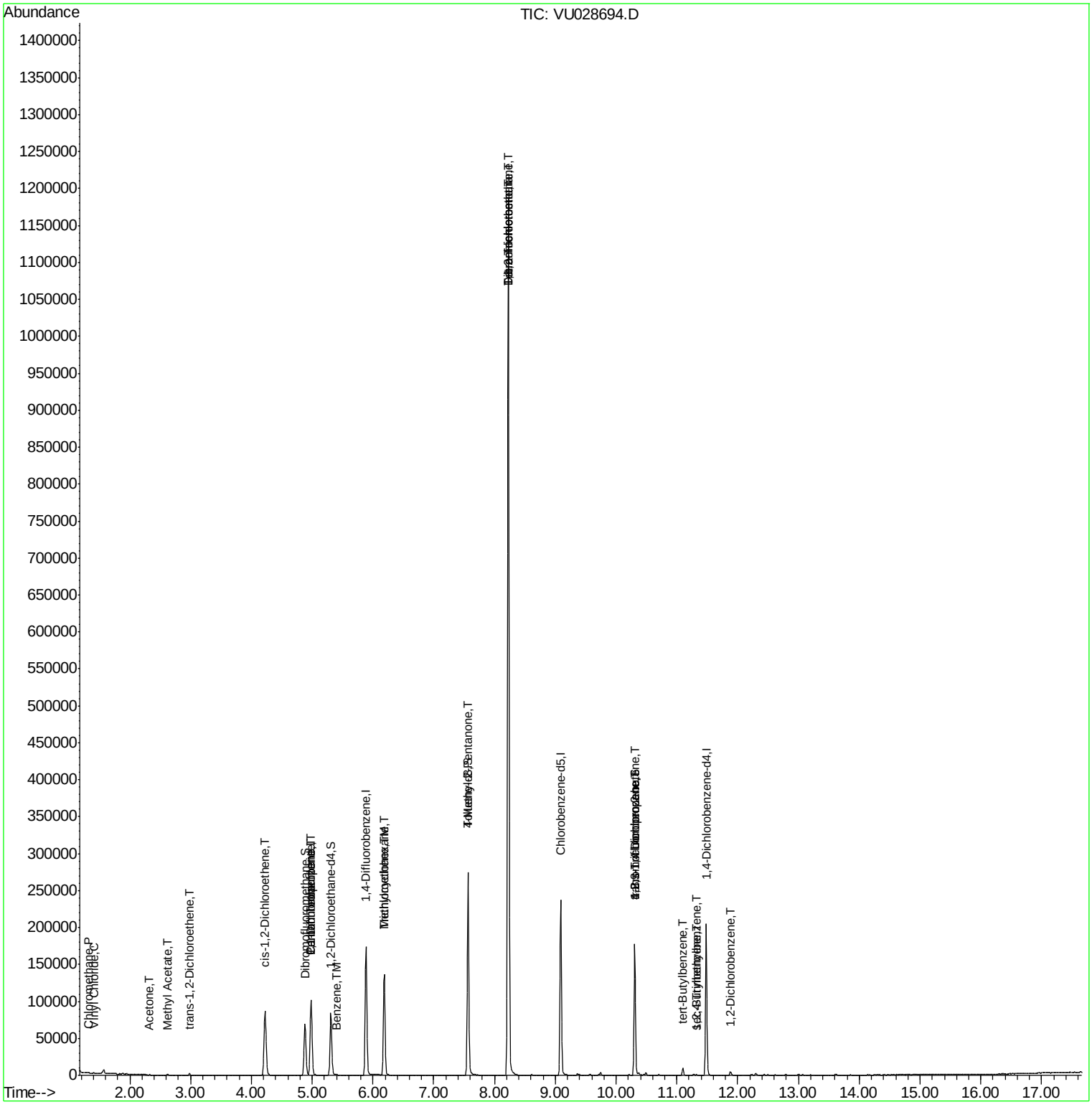
(#) = qualifier out of range (m) = manual integration (+) = signals summed

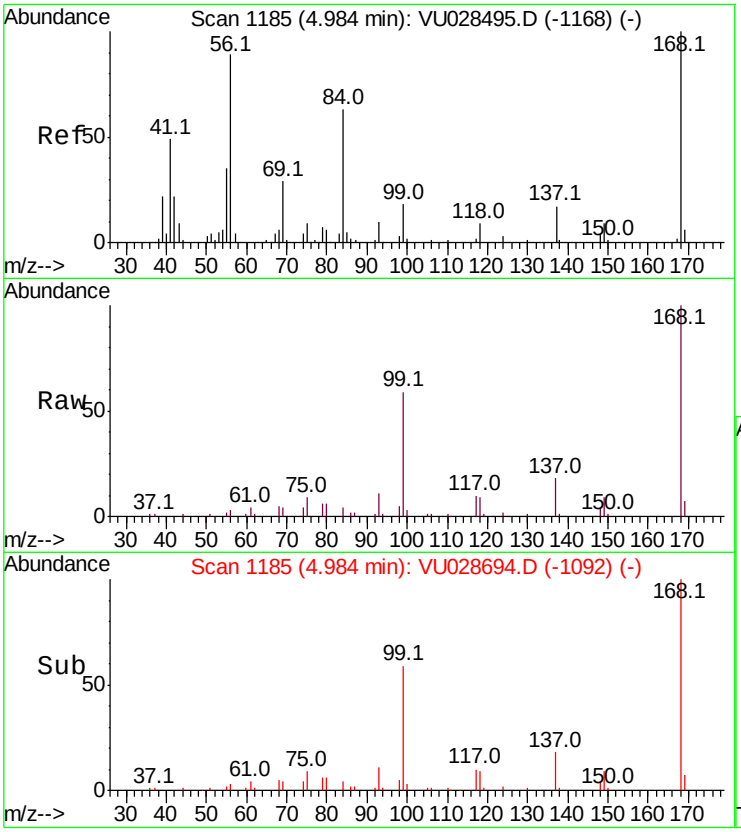
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121518\
Data File : VU028694.D
Acq On : 14 Dec 2018 19:40
Operator : MD/SY
Sample : J6393-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:23:27 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



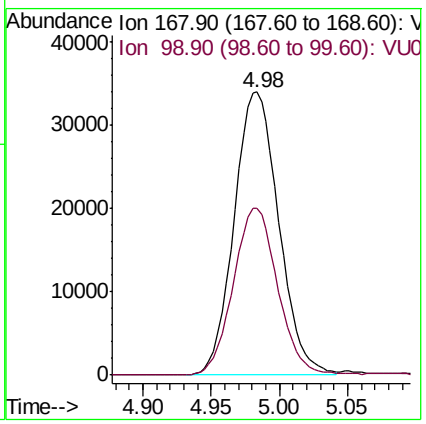


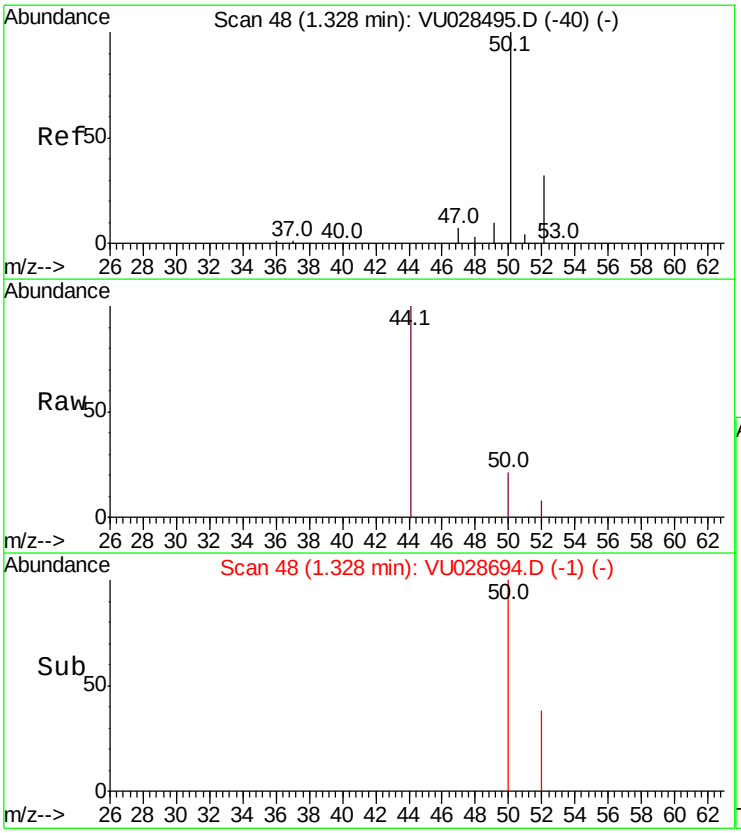
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 77241

Ion	Ratio	Lower	Upper
168	100		
99	59.2	46.6	69.8

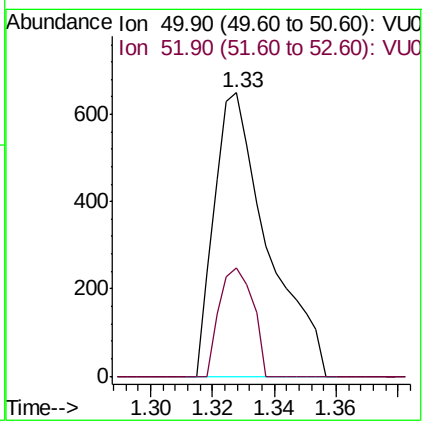


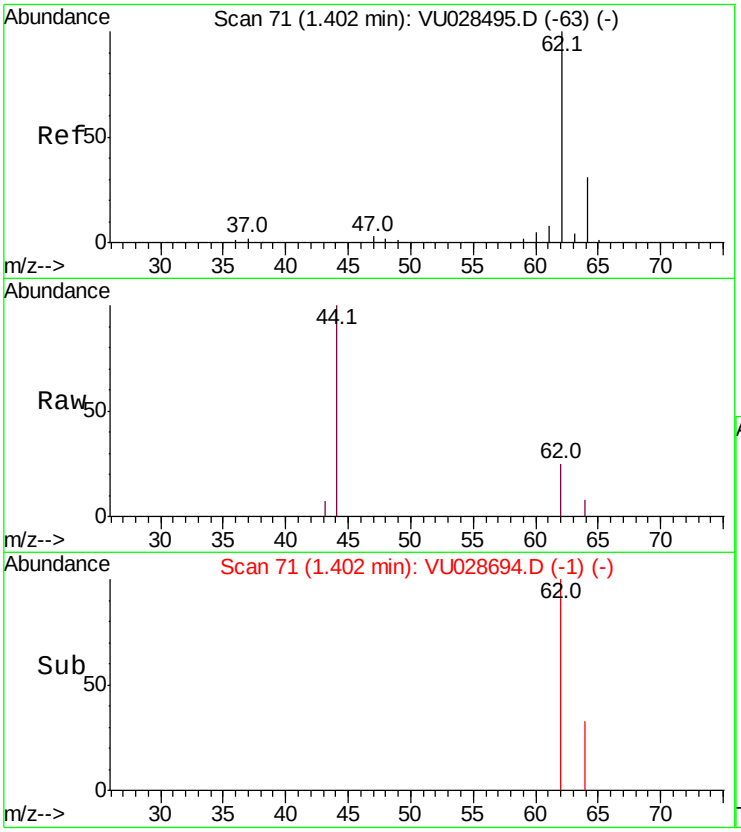


#3
Chloromethane
Concen: 0.411 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 50 Resp: 782

Ion	Ratio	Lower	Upper
50	100		
52	38.2	25.5	38.3



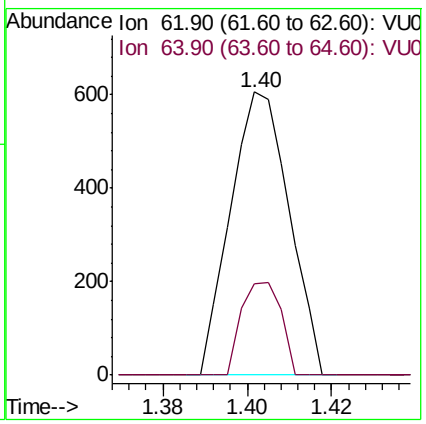


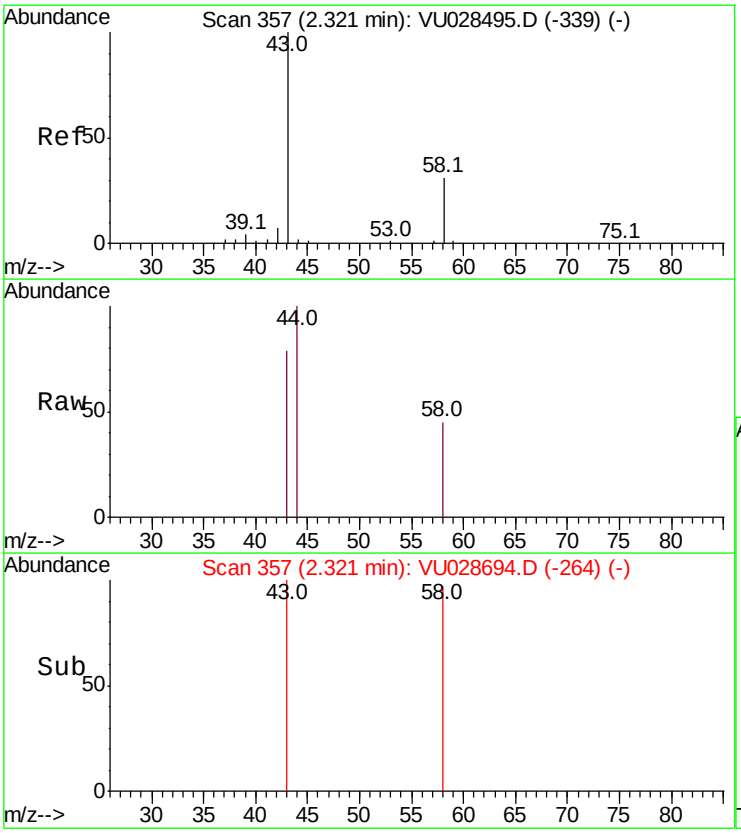
#4
Vinyl Chloride
Concen: 0.426 ug/l
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 585

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.1	37.7

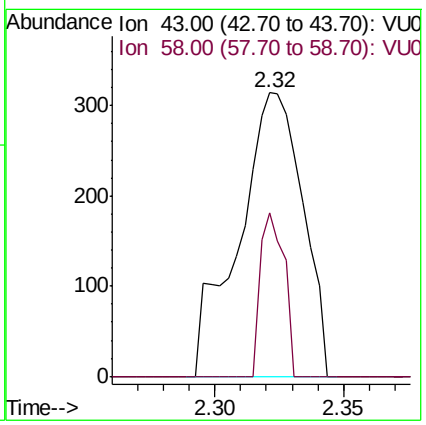


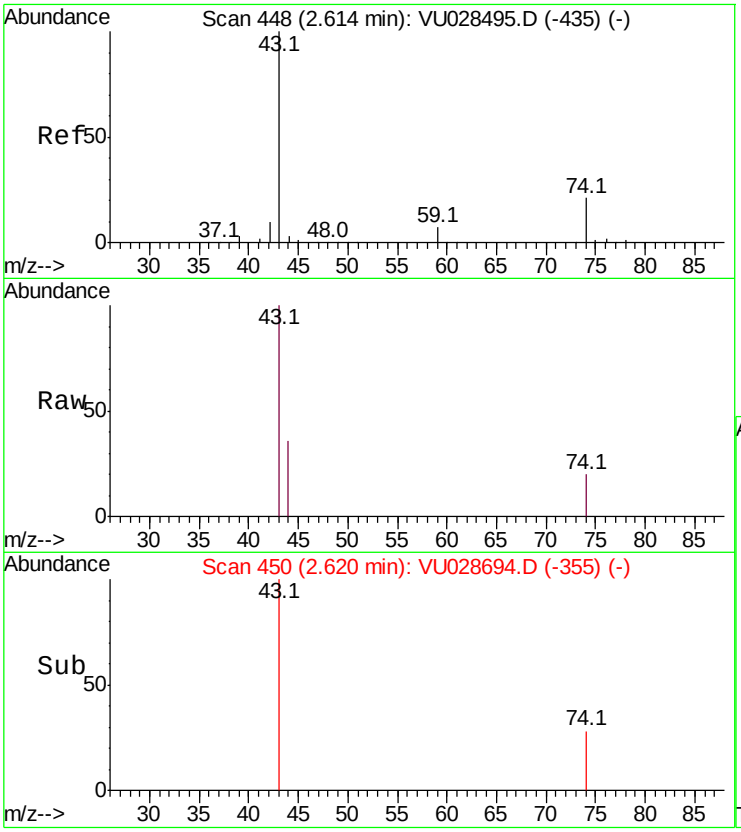


#16
Acetone
Concen: 0.710 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 43 Resp: 546

Ion	Ratio	Lower	Upper
43	100		
58	57.6	24.6	37.0#



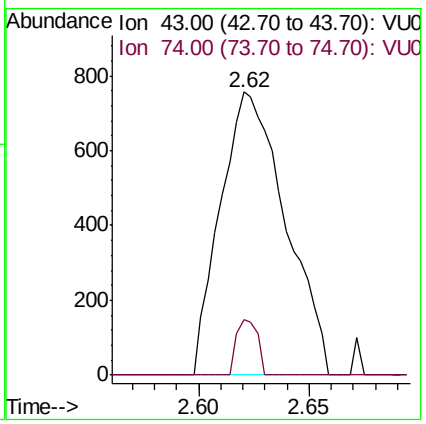


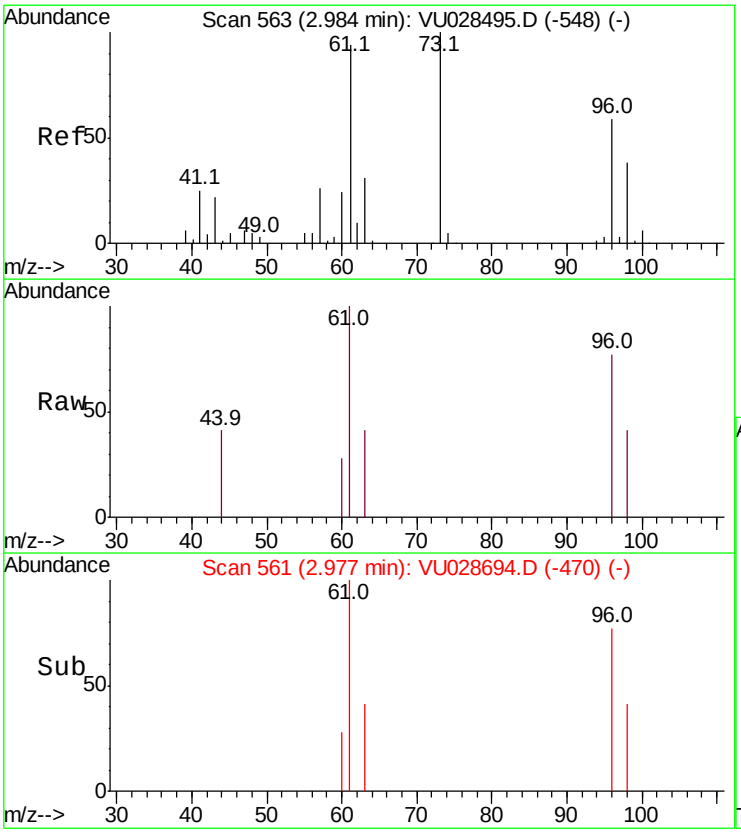
#18
Methyl Acetate
Concen: 0.777 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1549

Ion	Ratio	Lower	Upper
43	100		
74	6.4	16.4	24.6#

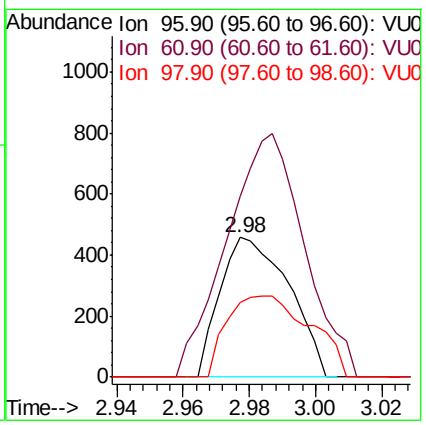


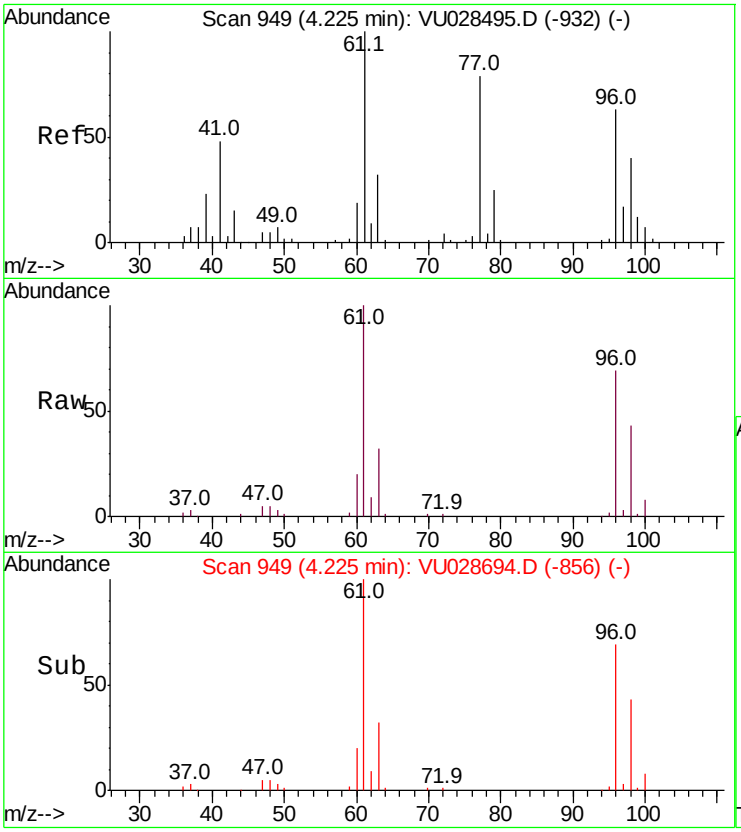


#21
trans-1,2-Dichloroethene
Concen: 0.683 ug/l
RT: 2.98 min Scan# 561
Delta R.T. -0.01 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 96 Resp: 661

Ion	Ratio	Lower	Upper
96	100		
61	105.5	127.0	190.4#
98	53.3	51.9	77.9



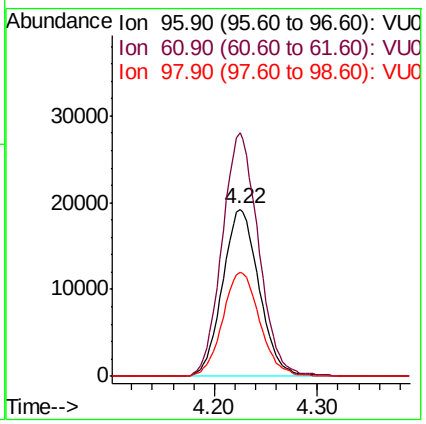


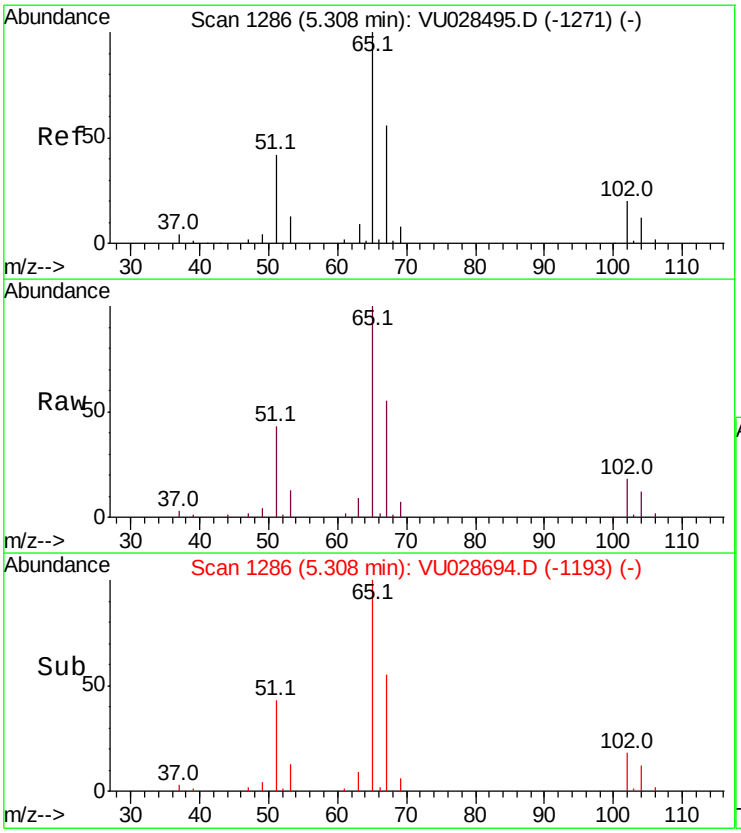
#27
cis-1,2-Dichloroethene
Concen: 43.227 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 47374

Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	332.4
98	63.3	0.0	129.0

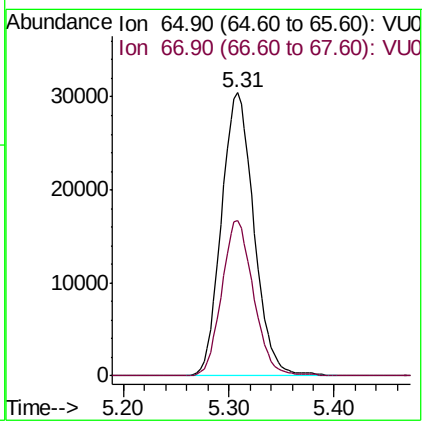


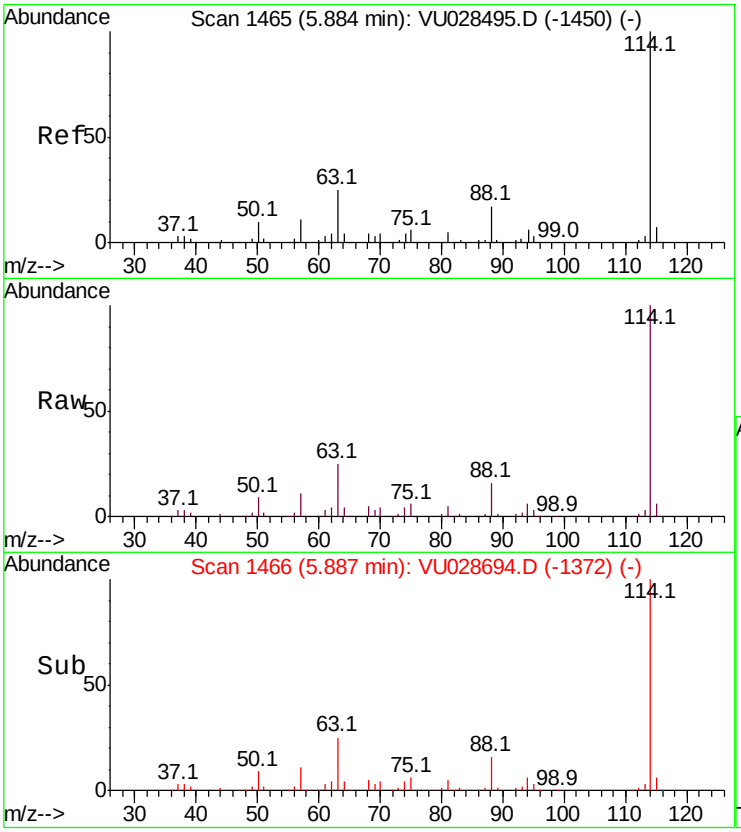


#33
1,2-Dichloroethane-d4
Concen: 55.113 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 65 Resp: 64964

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	110.6



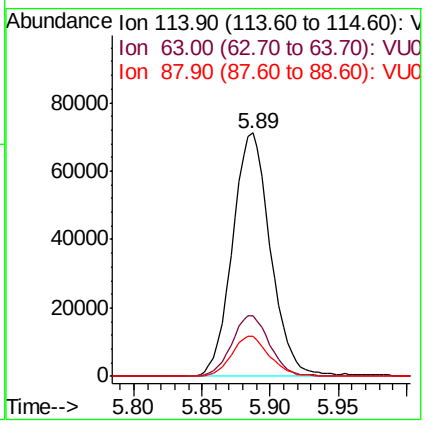


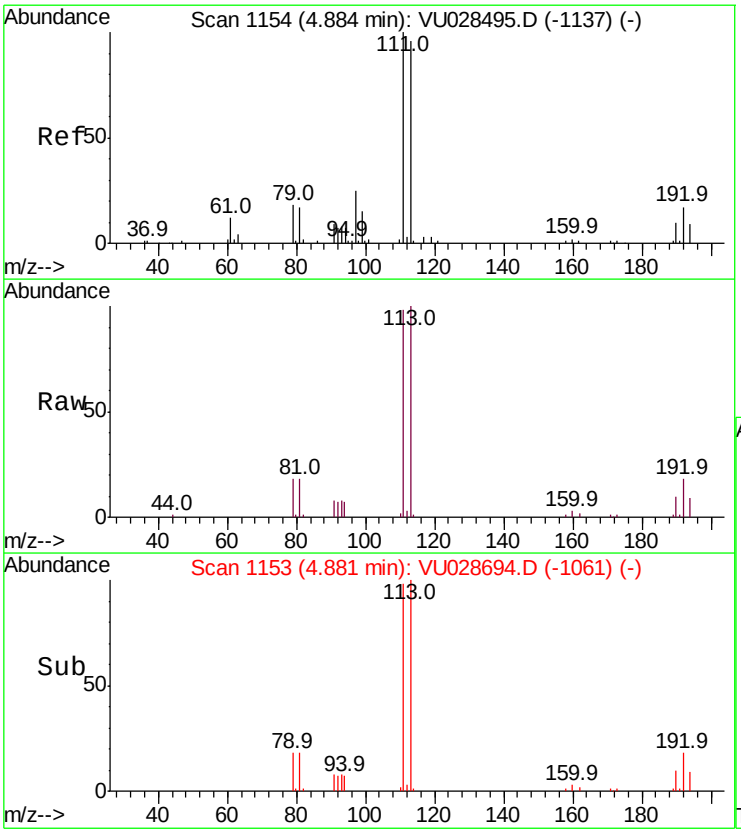
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:114 Resp: 137530

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	16.3	0.0	33.4

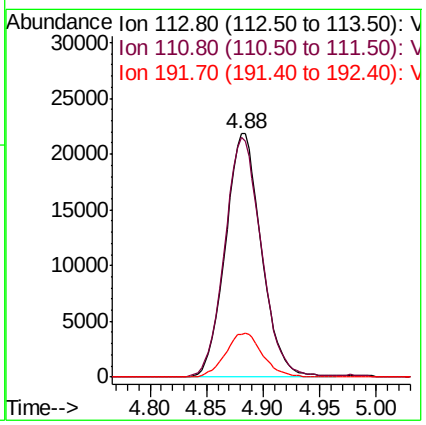


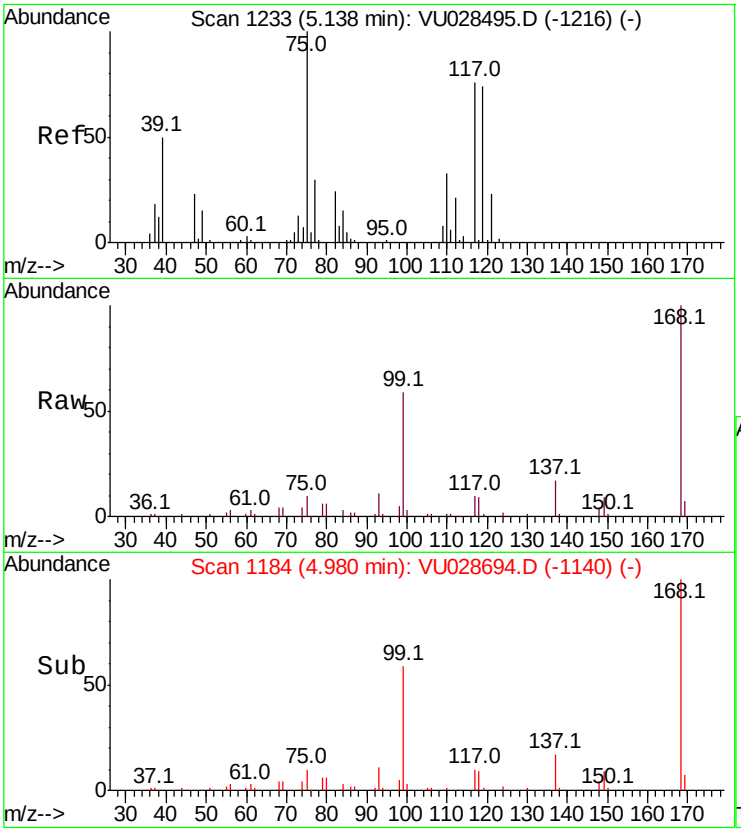


#35
Dibromofluoromethane
Concen: 55.967 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion:113 Resp: 48439

Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.4	125.0
192	18.5	14.8	22.2



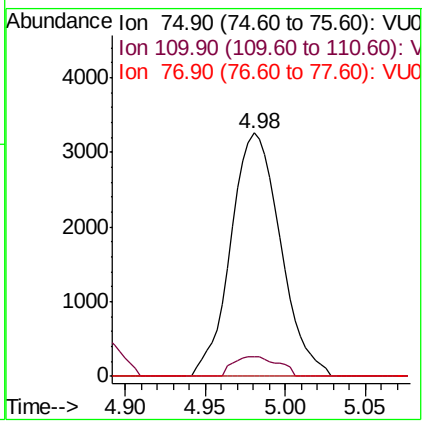


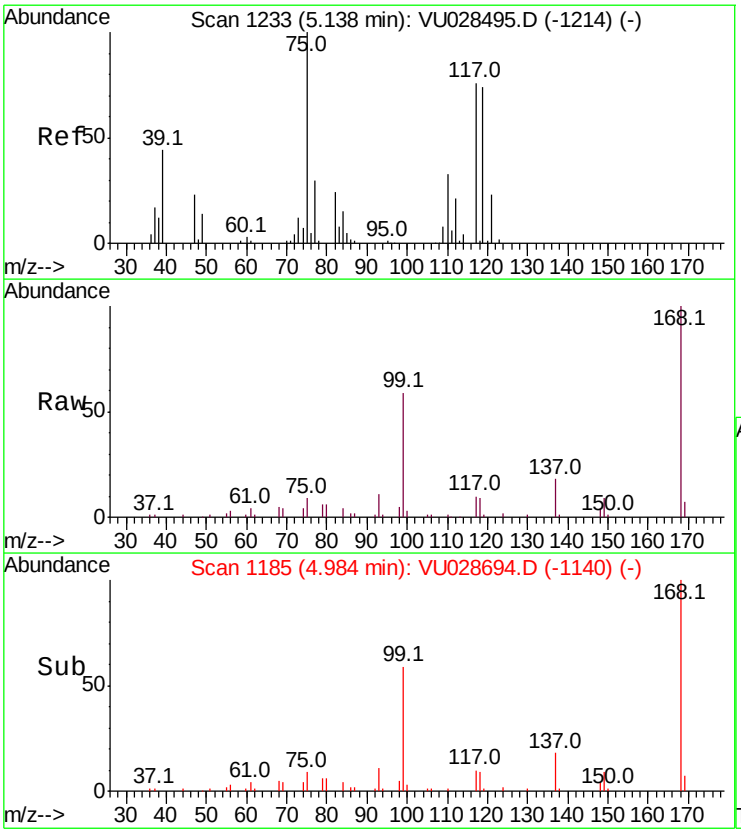
#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6918

Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.1	48.2#
77	0.0	24.5	36.7#

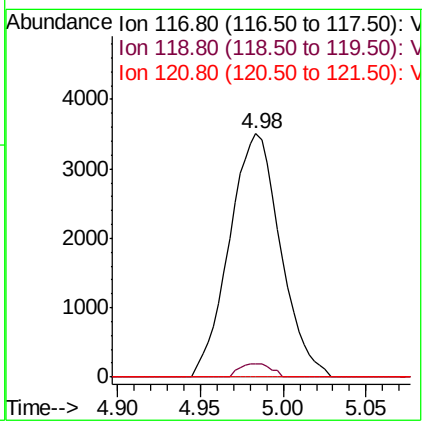


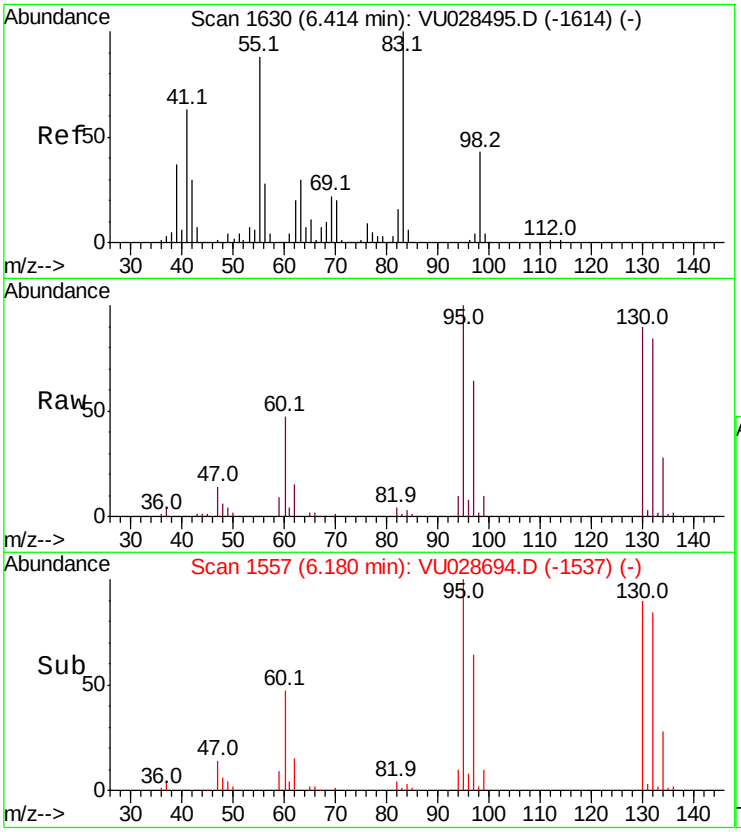


#38
Carbon Tetrachloride
Concen: 6.190 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion:117 Resp: 7509

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.6	116.4#
121	0.0	24.6	36.8#



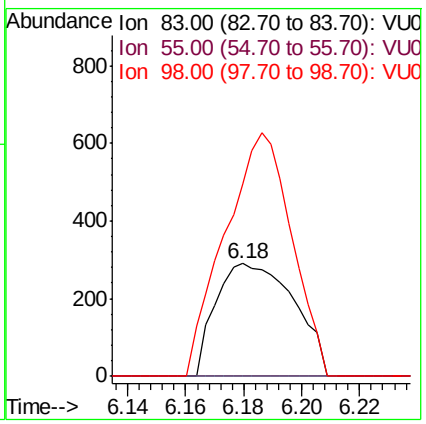


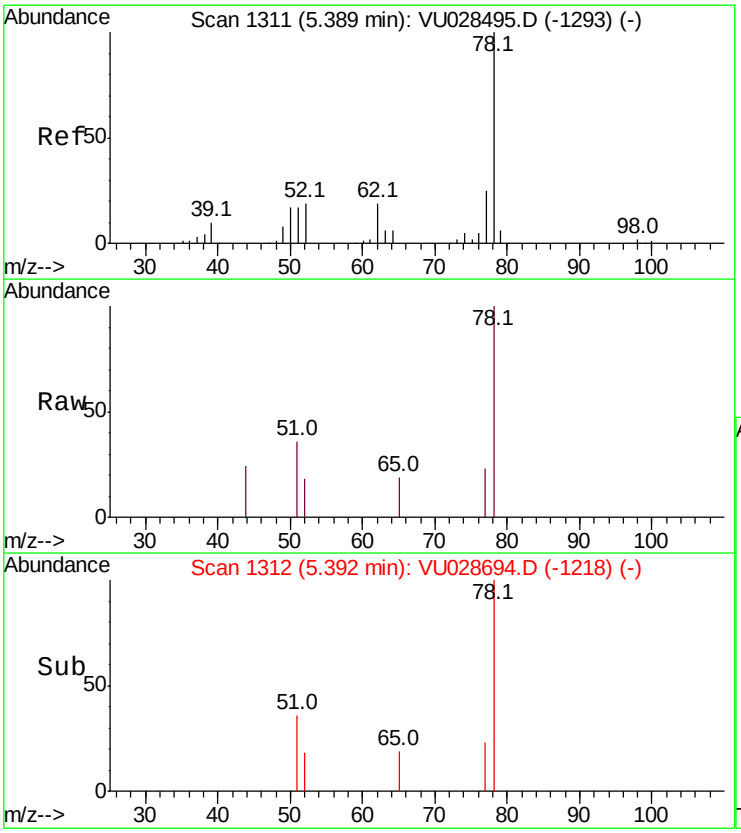
#39
Methylcyclohexane
Concen: 0.296 ug/l
RT: 6.18 min Scan# 1557
Delta R.T. -0.23 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 544

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.2	105.2#
98	170.7	34.2	51.4#

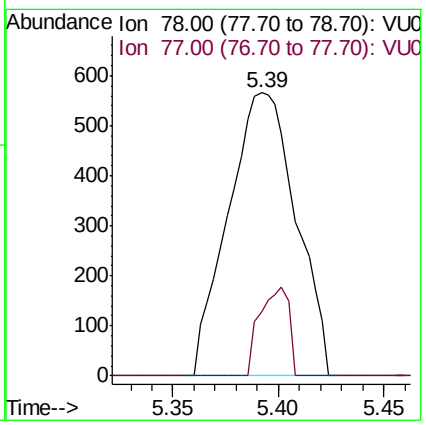


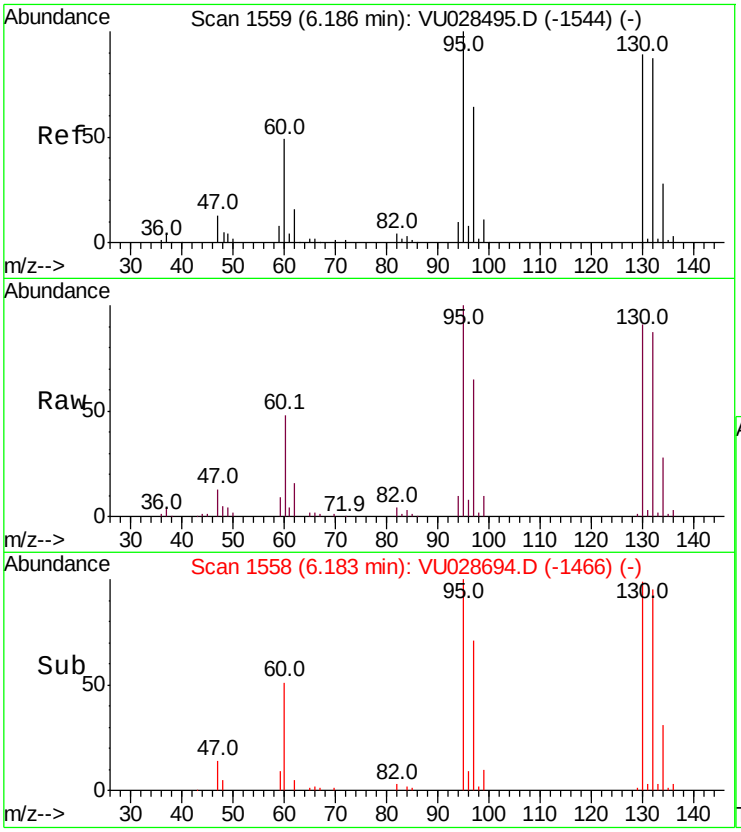


#40
Benzene
Concen: 0.285 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 78 Resp: 1265

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.9	29.9



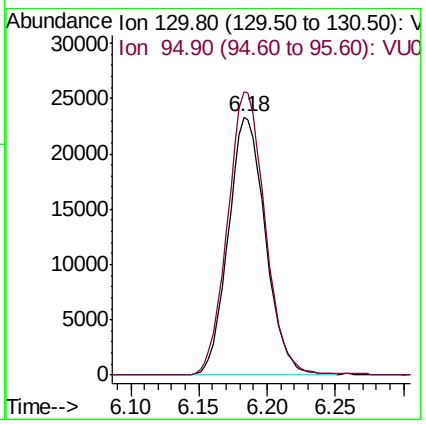


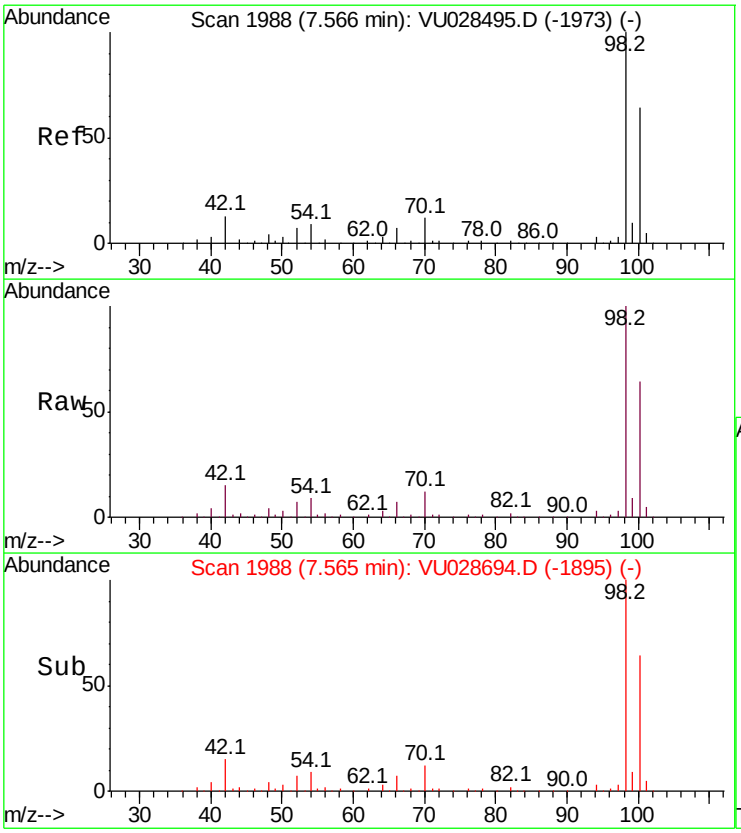
#44
Trichloroethene
Concen: 44.829 ug/l
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:130 Resp: 44181

Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	224.0

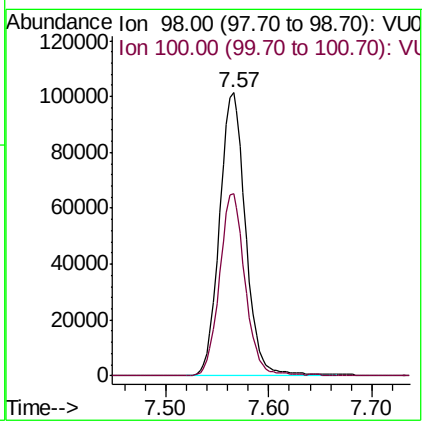


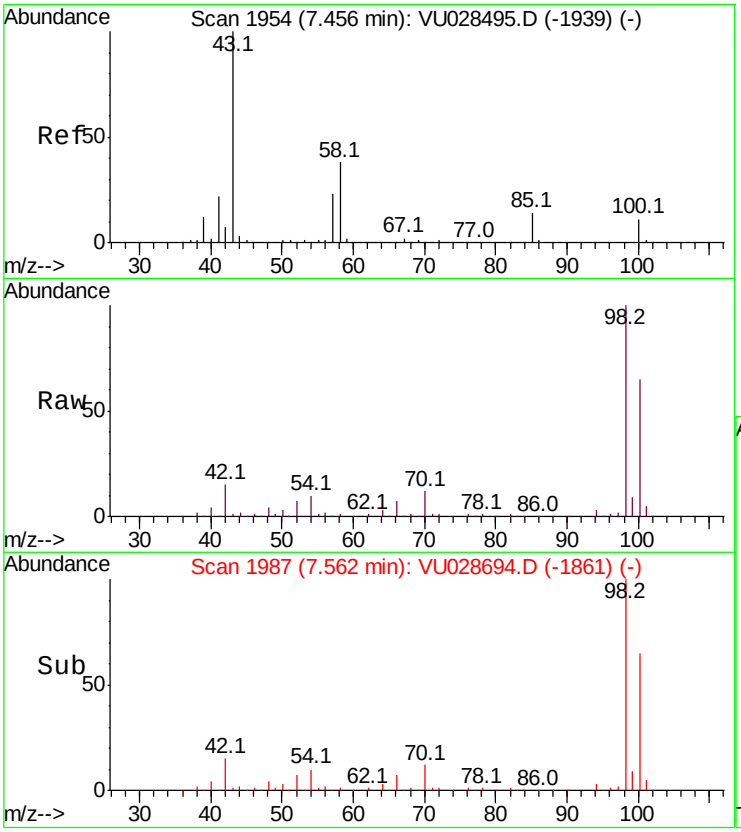


#50
Toluene-d8
Concen: 52.185 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 98 Resp: 178666

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.0	76.6



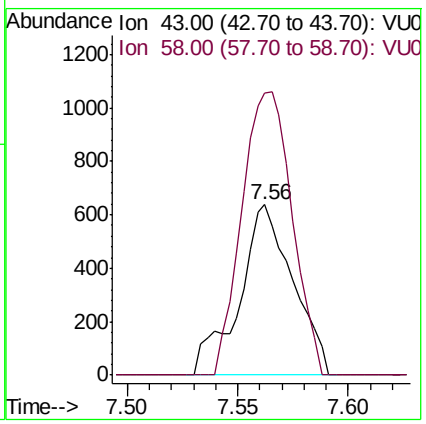


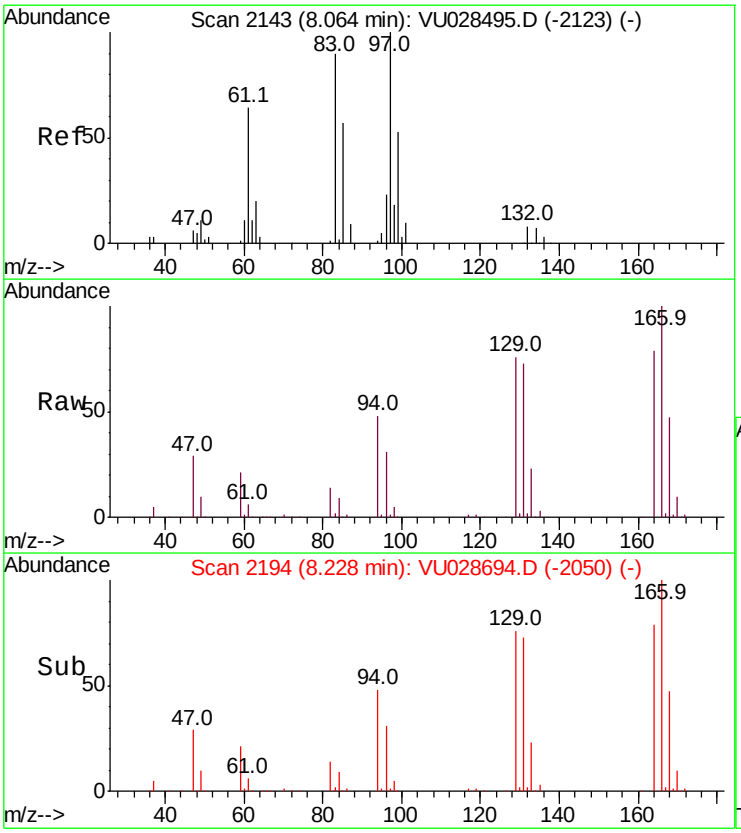
#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.11 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1077

Ion	Ratio	Lower	Upper
43	100		
58	155.6	30.2	45.2#

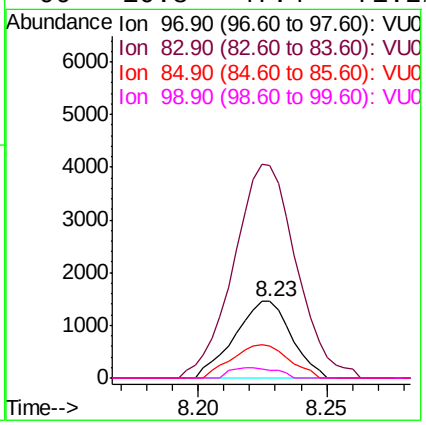


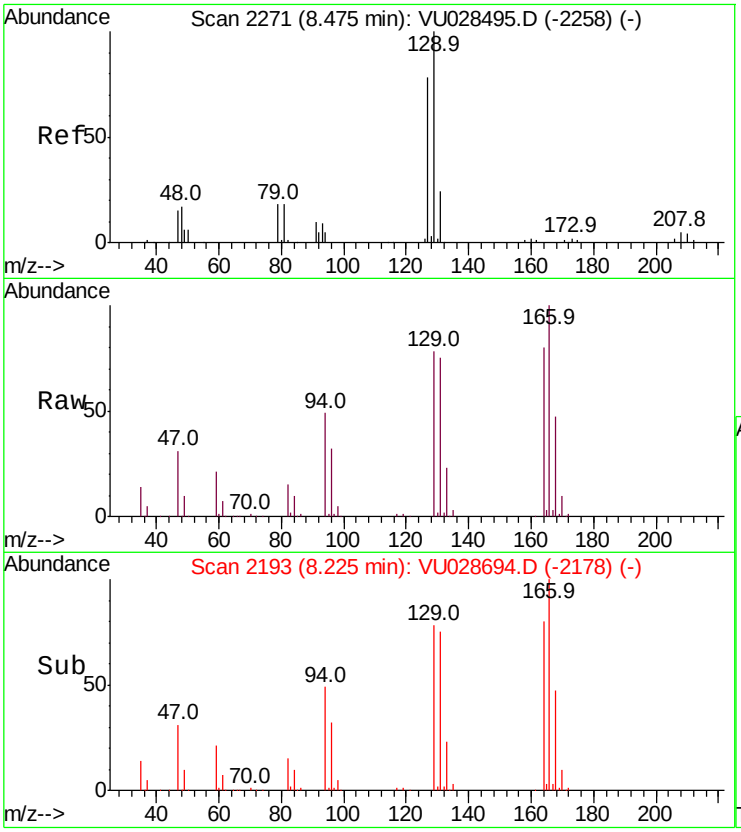


#55
1,1,2-Trichloroethane
Concen: 2.157 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.16 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 97 Resp: 2224

Ion	Ratio	Lower	Upper
97	100		
83	268.3	72.4	108.6#
85	41.8	46.0	69.0#
99	10.8	47.4	71.2#



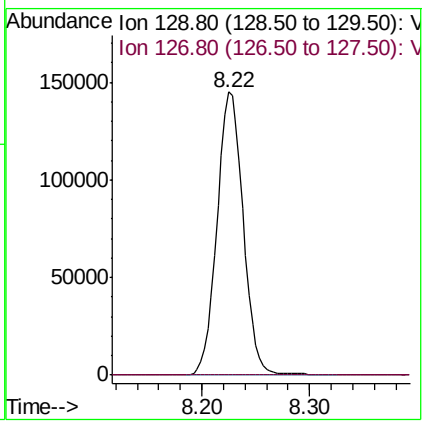


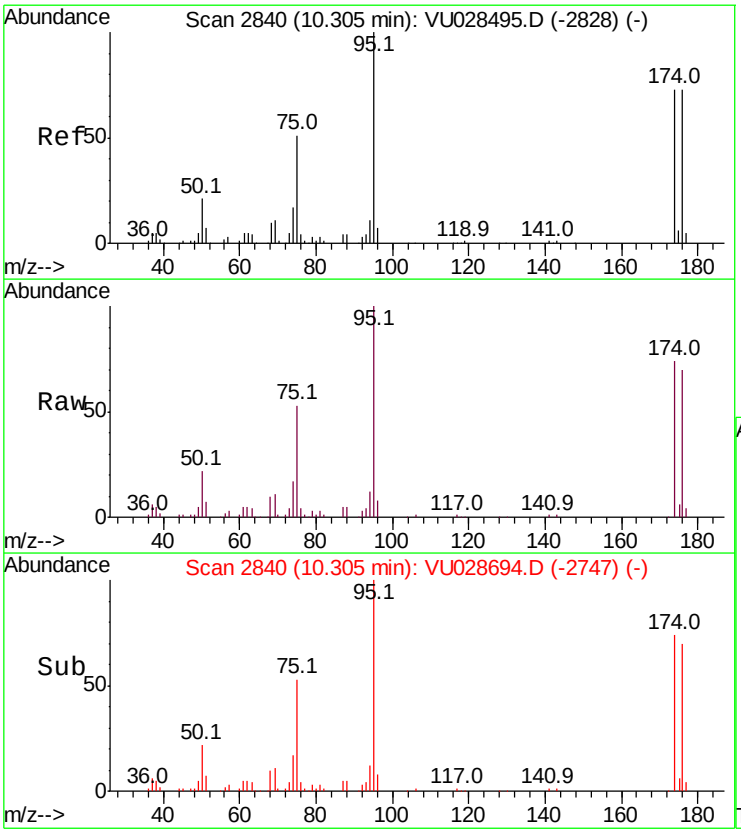
#60
Dibromochloromethane
Concen: 241.331 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 243640

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.3#

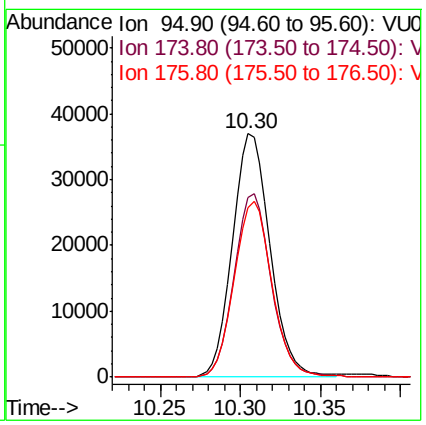


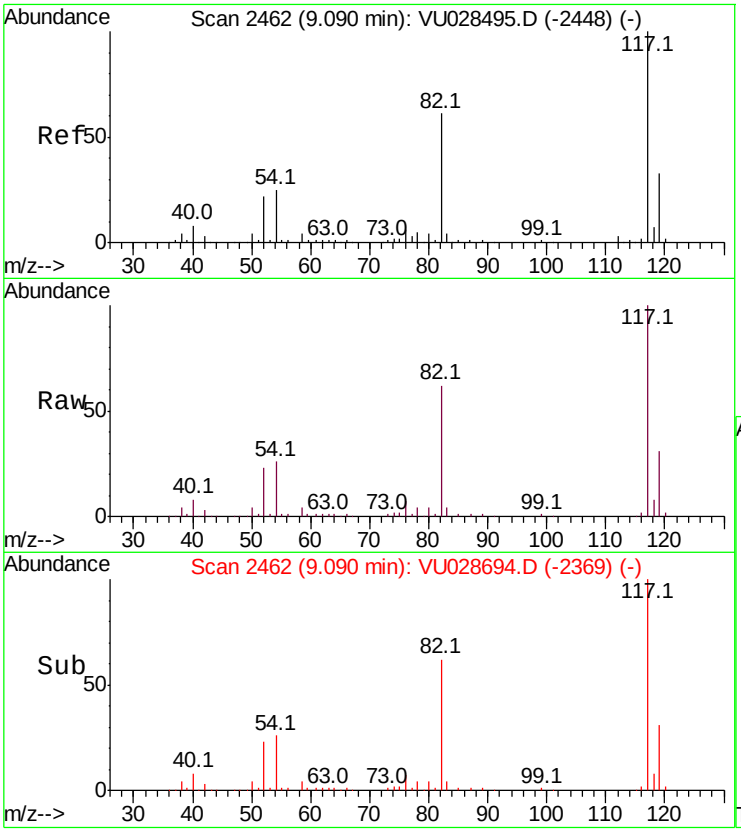


#62
4-Bromofluorobenzene
Concen: 46.344 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 95 Resp: 59304

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	150.4
176	72.1	0.0	145.2



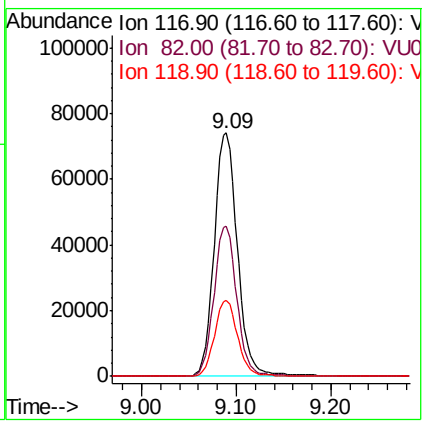


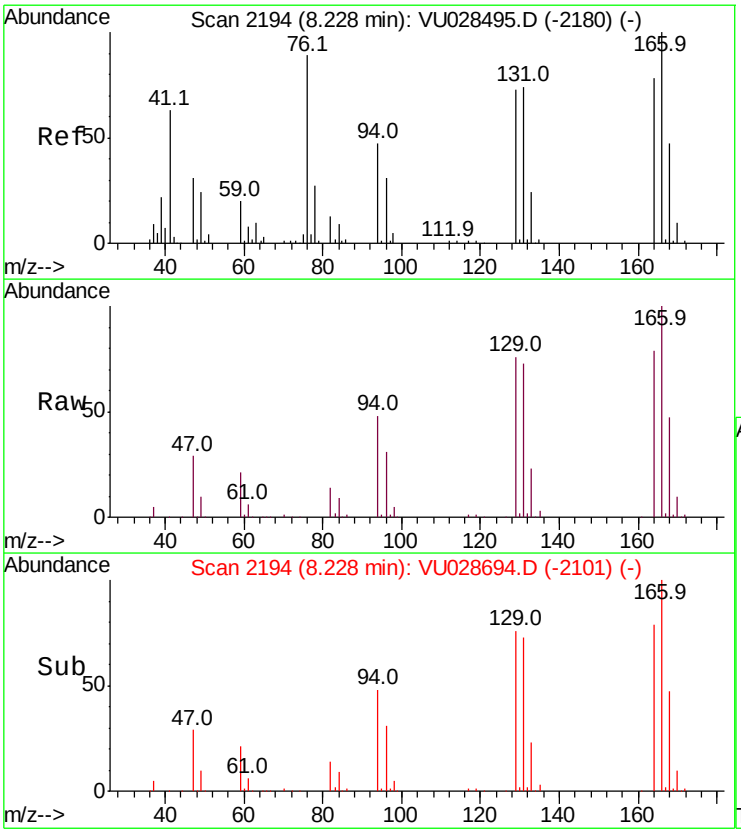
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 126561

Ion	Ratio	Lower	Upper
117	100		
82	61.6	48.9	73.3
119	31.3	26.2	39.4

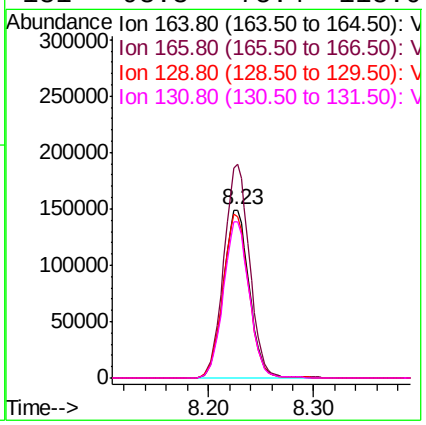


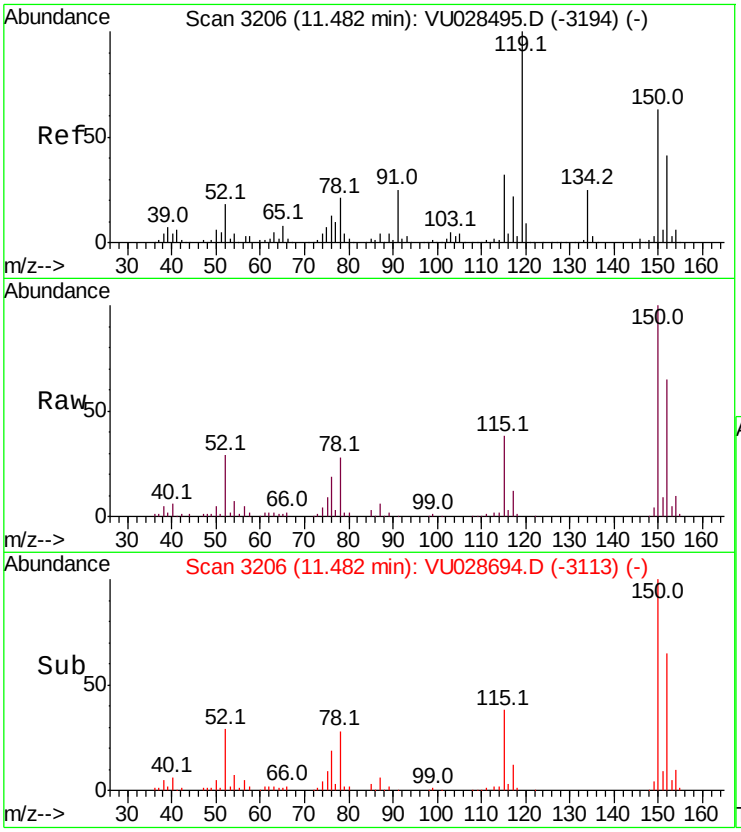


#64
Tetrachloroethene
Concen: 297.593 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion:164 Resp: 251226

Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.9	152.9
129	96.3	74.9	112.3
131	93.3	75.4	113.0



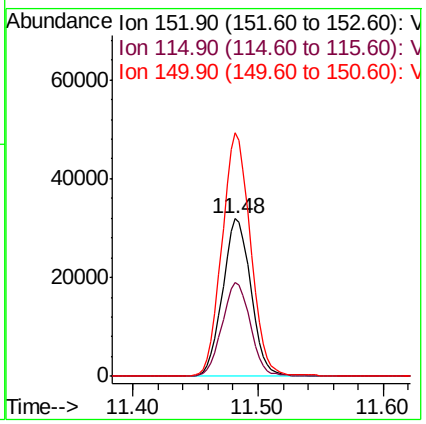


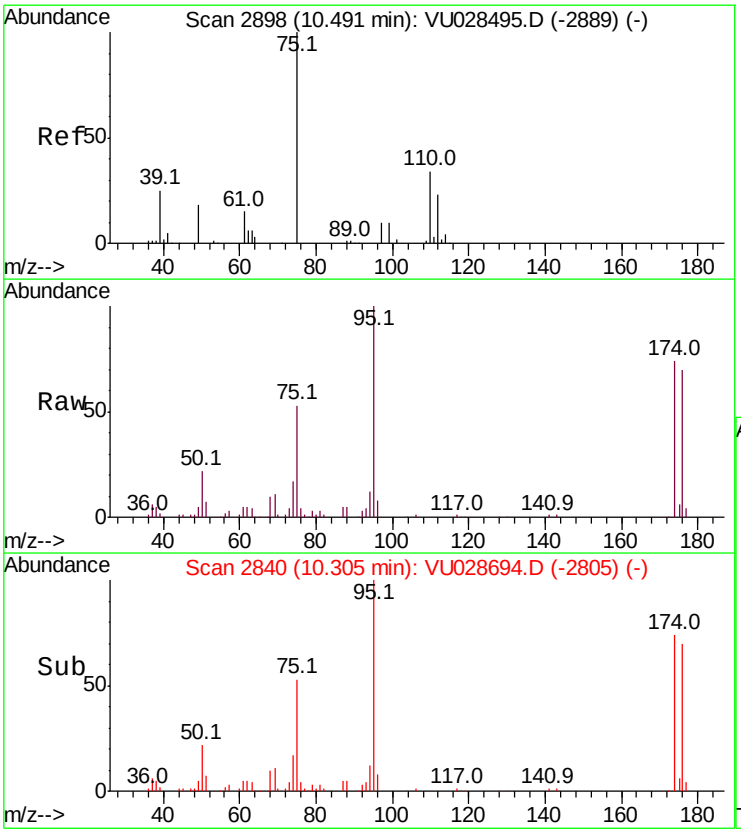
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 50148

Ion	Ratio	Lower	Upper
152	100		
115	59.0	42.7	128.1
150	155.7	0.0	346.0

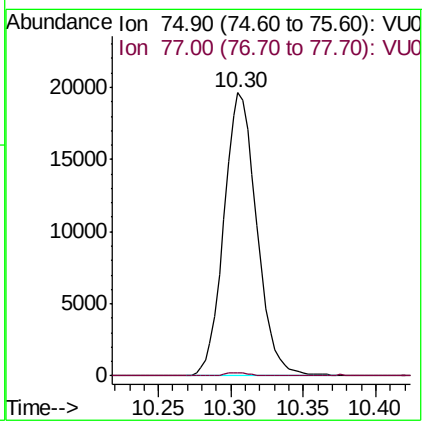


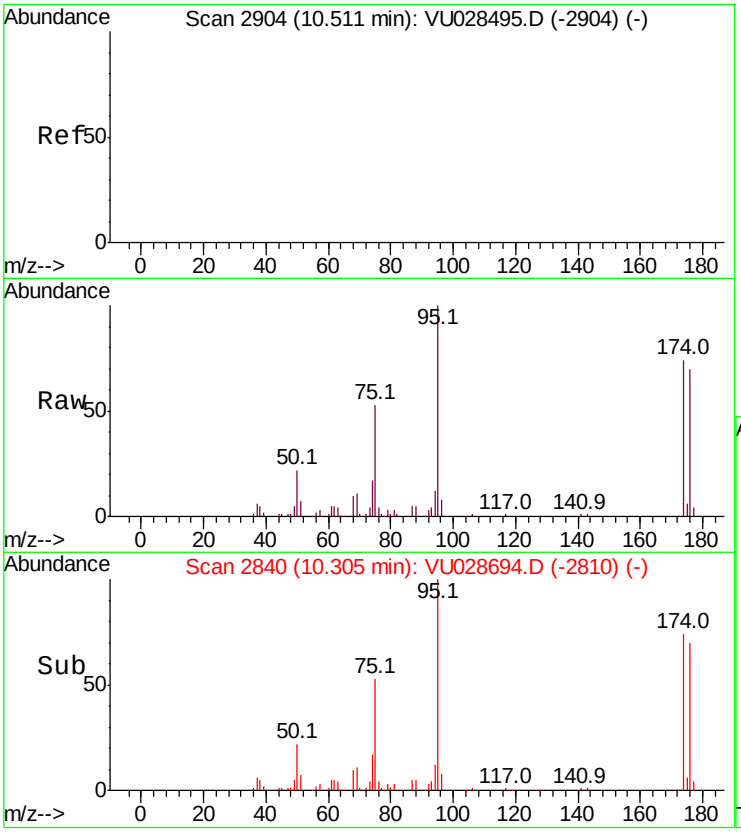


#76
1,2,3-Trichloropropane
Concen: 24.066 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 75 Resp: 30817

Ion	Ratio	Lower	Upper
75	100		
77	0.8	20.8	62.4#



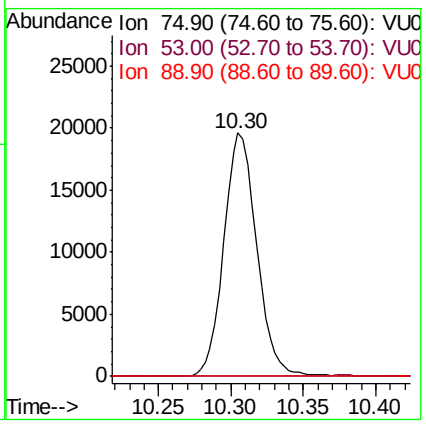


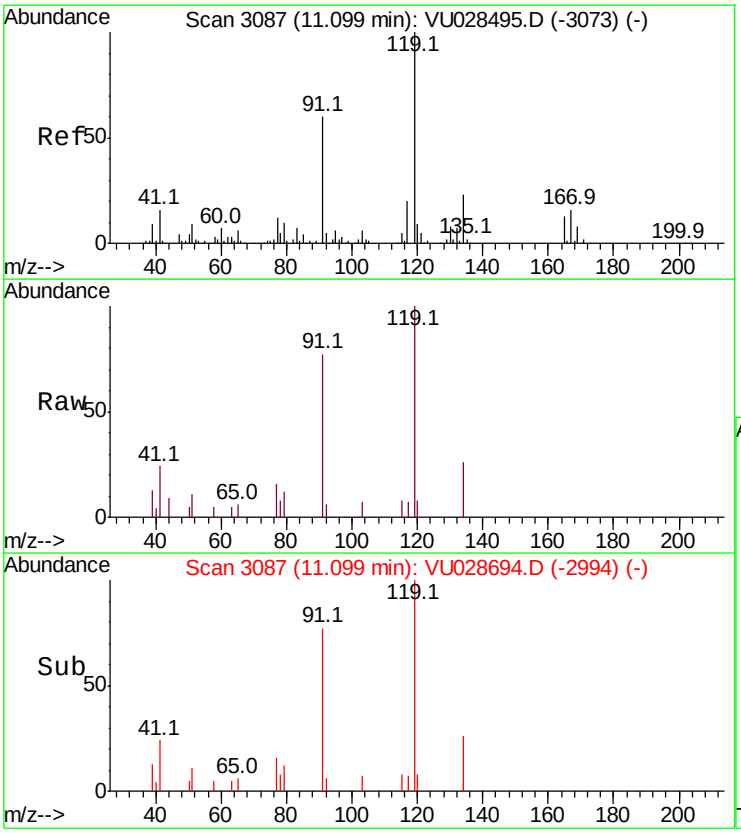
#81
trans-1,4-Dichloro-2-butene
Concen: 59.074 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 30817

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

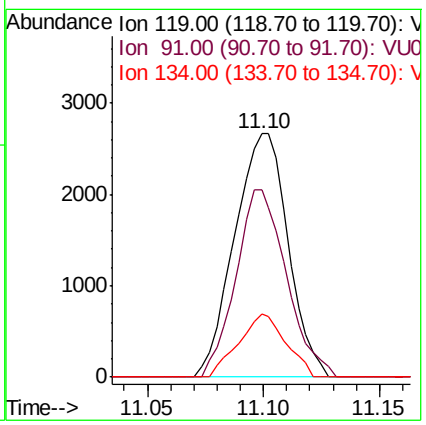


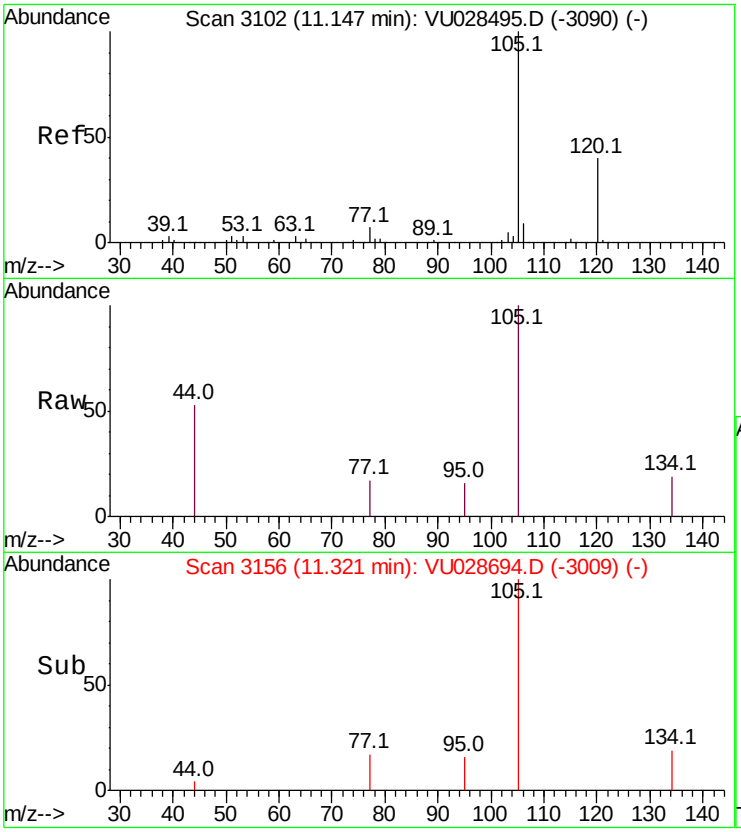


#83
tert-Butylbenzene
Concen: 1.391 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion:119 Resp: 4272

Ion	Ratio	Lower	Upper
119	100		
91	72.7	30.3	91.0
134	22.9	11.2	33.5



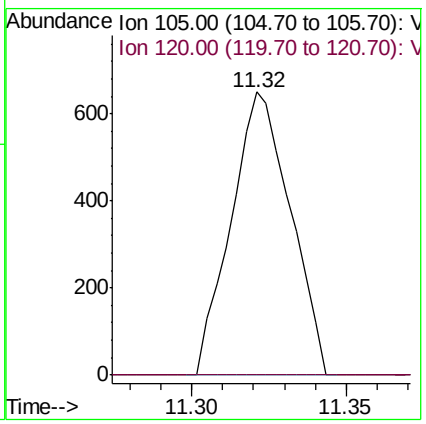


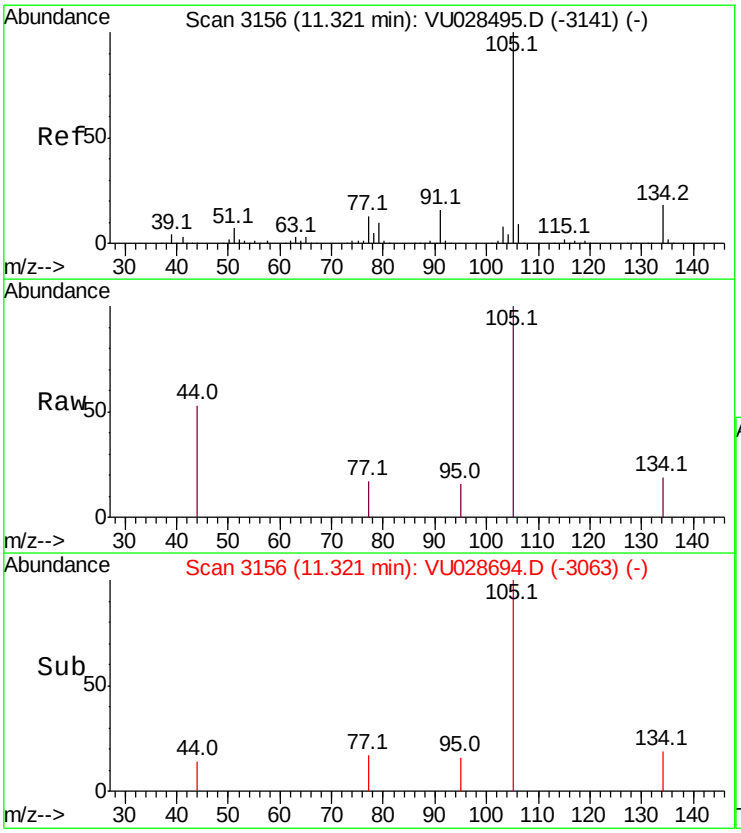
#84
1,2,4-Trimethylbenzene
Concen: 0.263 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. 0.17 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 864

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.8	65.4#

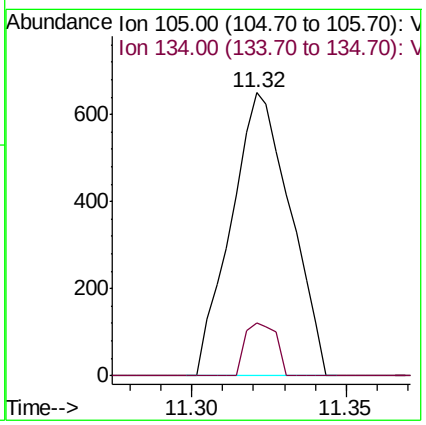


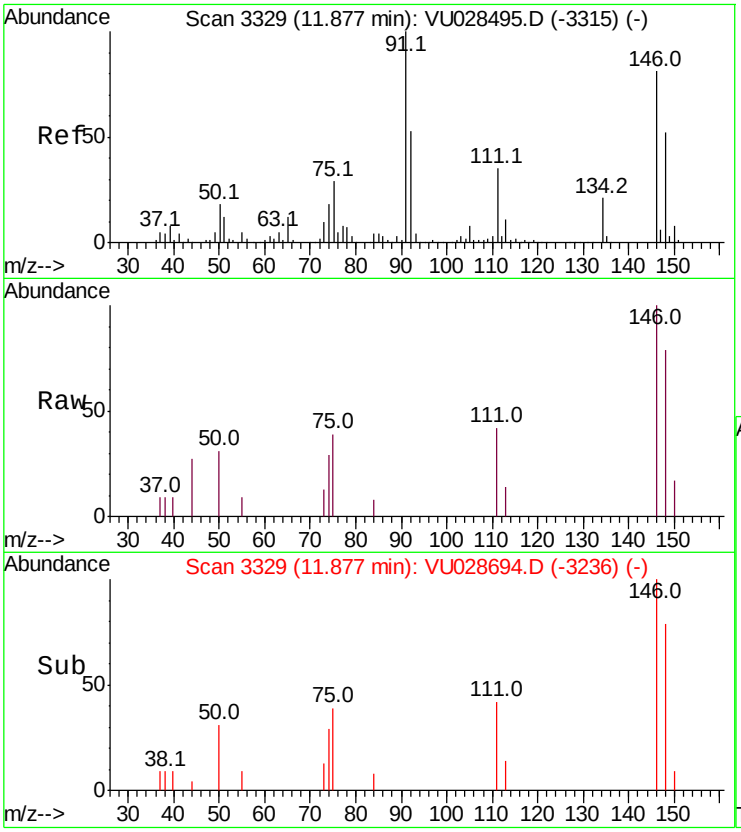


#85
sec-Butylbenzene
Concen: 0.219 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion:105 Resp: 864

Ion	Ratio	Lower	Upper
105	100		
134	9.8	9.2	27.6





#91
1,2-Dichlorobenzene
Concen: 1.287 ug/l
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 2187

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.4
148	69.9	31.4	94.2