Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112818\
Data File : VU028364.D
Acq On : 28 Nov 2018 14:31
Operator : MD/SY
Sample : J6082-01ME
Misc : 7.62g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : S49-0490ME

Quant Time: Nov 29 06:15:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.97	168	233671	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.88	114	436570	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	401324	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	179287	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.30	65	203568	52.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.26%				
35) Dibromofluoromethane	4.88	113	141313	48.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.36%				
50) Toluene-d8	7.56	98	563678	48.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.10%				
62) 4-Bromofluorobenzene	10.31	95	209878	50.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.32%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	11188	1.841	ug/l		94
5) Bromomethane	1.60	94	1402	0.853	ug/l	#	78
10) Methyl Iodide	2.38	142	1229	0.507	ug/l	#	80
11) Tert butyl alcohol	2.83	59	2815	3.173	ug/l	#	72
13) Acrolein	2.20	56	167	0.212	ug/l	#	1
16) Acetone	2.35	43	1110	0.465	ug/l	#	83
18) Methyl Acetate	2.63	43	5733	0.862	ug/l		95
20) Methylene Chloride	2.69	84	1196	0.281	ug/l	#	96
25) 2-Butanone	4.30	43	3629	1.060	ug/l	#	90
31) Cyclohexane	4.97	56	6279	0.585	ug/l	#	3
36) 1,1-Dichloropropene	4.97	75	21089	4.414	ug/l	#	52
38) Carbon Tetrachloride	4.98	117	24136	6.152	ug/l	#	15
44) Trichloroethene	6.18	130	954	0.315	ug/l		80
53) t-1,3-Dichloropropene	7.80	75	1756	0.310	ug/l	#	45
55) 1,1,2-Trichloroethane	8.22	97	1000	0.295	ug/l	#	1
60) Dibromochloromethane	8.22	129	107649	33.379	ug/l	#	10
64) Tetrachloroethene	8.22	164	110760	41.956	ug/l		99
76) 1,2,3-Trichloropropane	10.31	75	109806	22.086	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	10.31	75	109806	58.627	ug/l	#	100
95) Naphthalene	13.76	128	422	2.862	ug/l	#	76

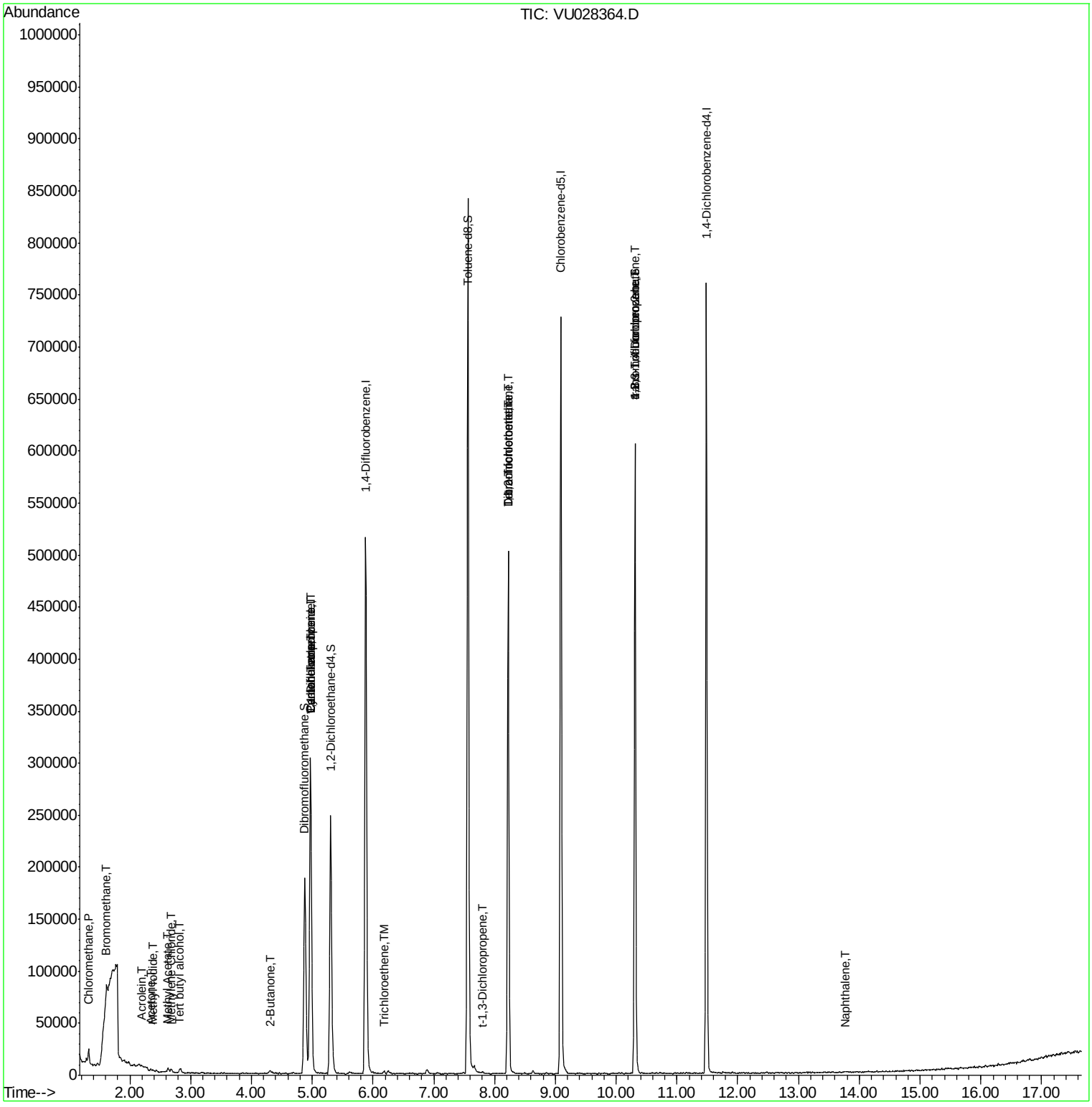
(#) = qualifier out of range (m) = manual integration (+) = signals summed

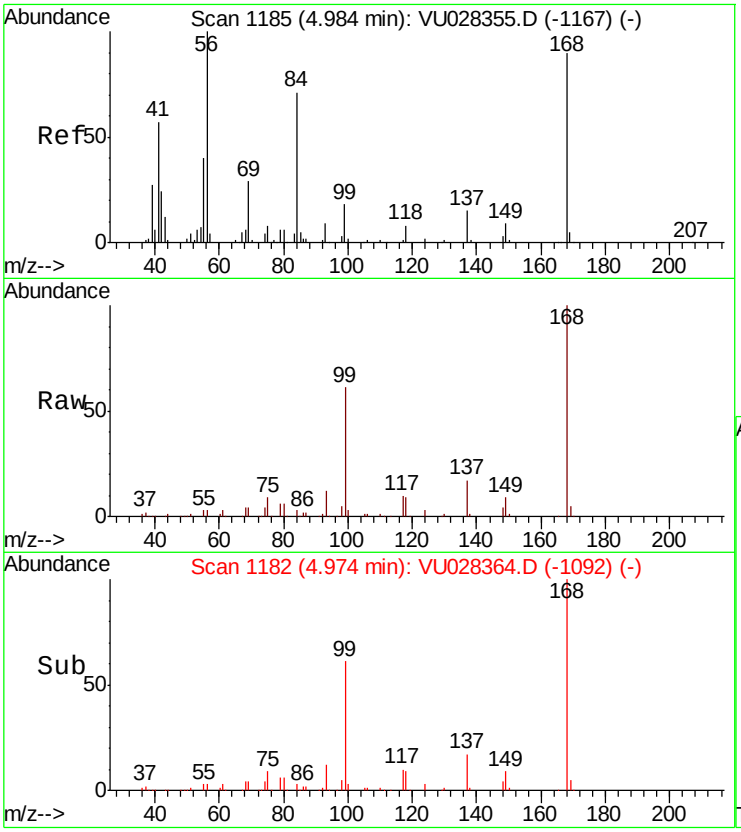
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
Data File : VU028364.D
Acq On : 28 Nov 2018 14:31
Operator : MD/SY
Sample : J6082-01ME
Misc : 7.62g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
S49-0490ME

Quant Time: Nov 29 06:15:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration



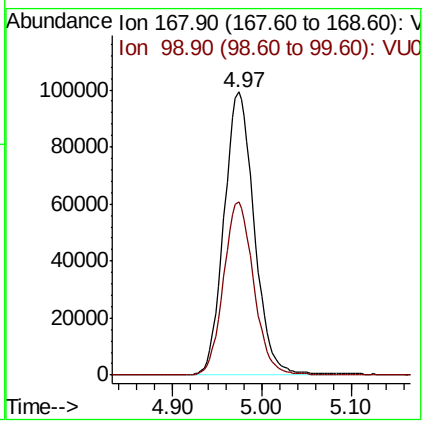


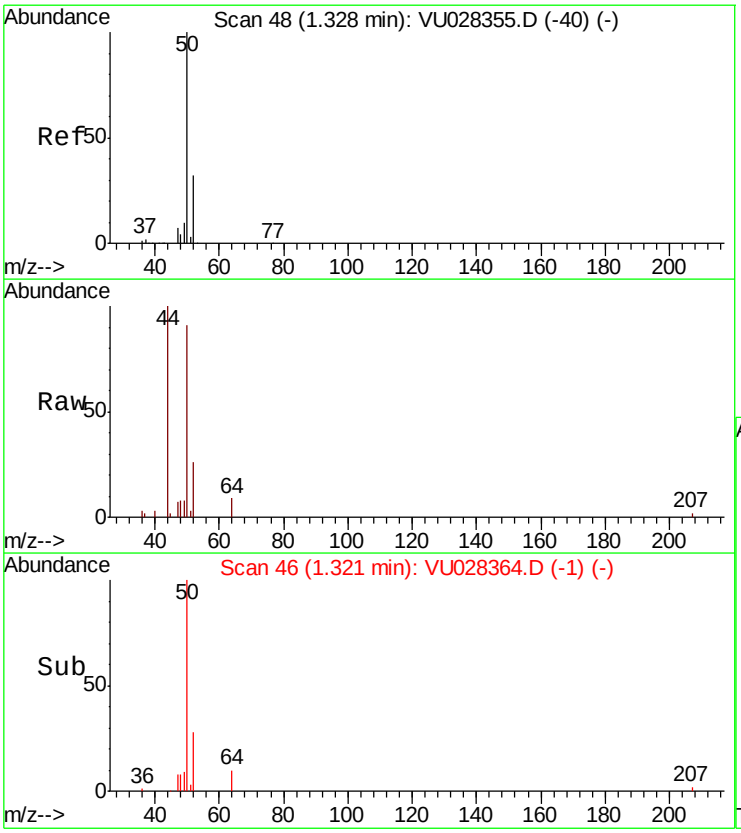
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.97 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument :
MSVOA_U
ClientSampleId :
S49-0490ME

Tgt Ion:168 Resp: 233671

Ion	Ratio	Lower	Upper
168	100		
99	61.0	49.6	74.4

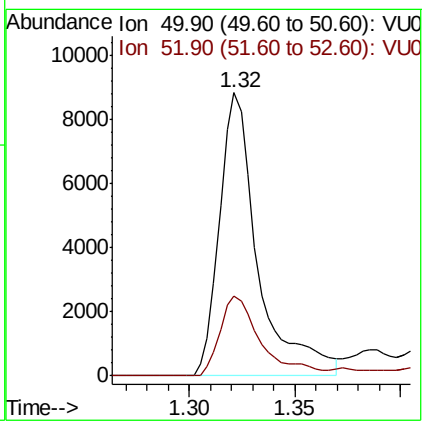


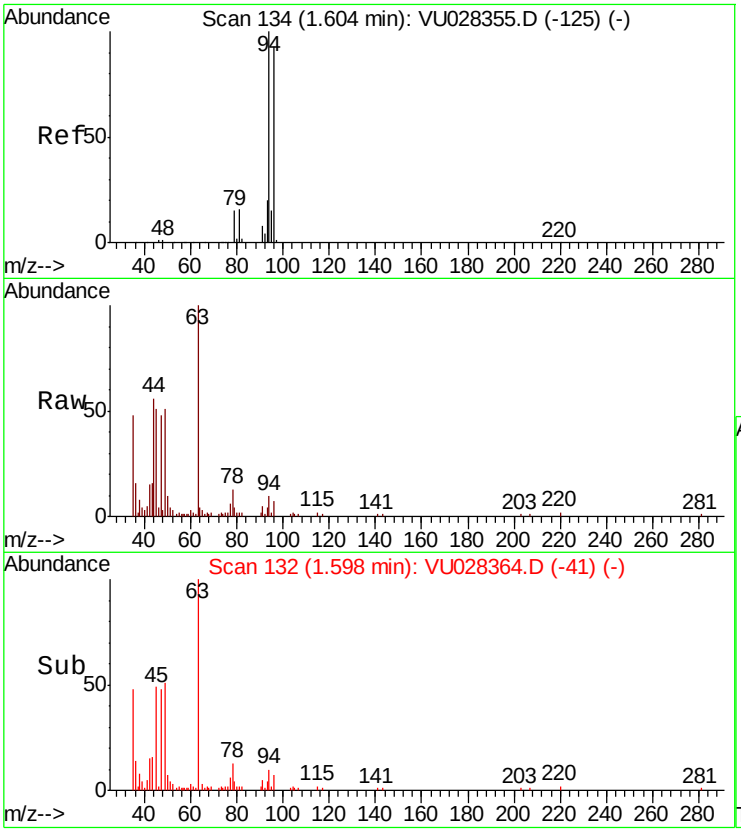


#3
Chloromethane
Concen: 1.841 ug/l
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion: 50 Resp: 11188

Ion	Ratio	Lower	Upper
50	100		
52	28.4	25.4	38.2



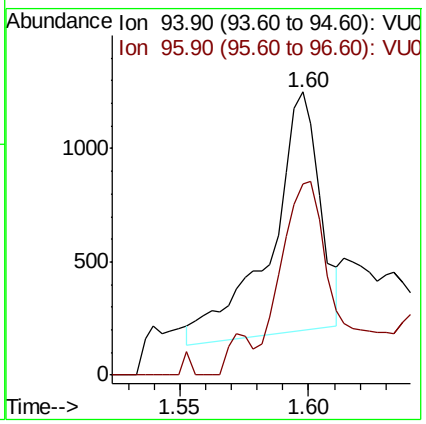


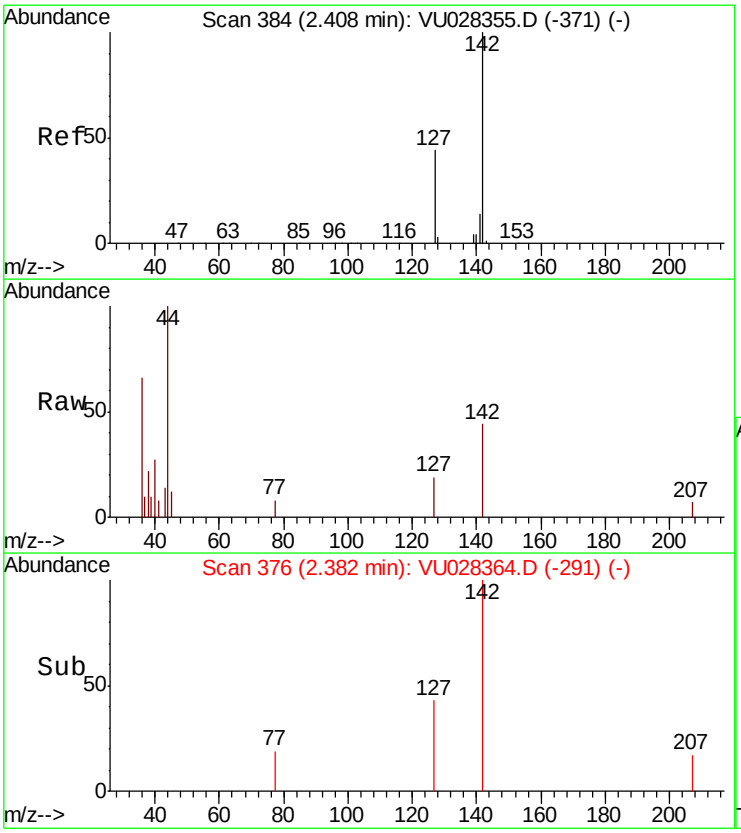
#5
Bromomethane
Concen: 0.853 ug/l
RT: 1.60 min Scan# 132
Delta R.T. -0.01 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument :
MSVOA_U
ClientSampleId :
S49-0490ME

Tgt Ion: 94 Resp: 1402

Ion	Ratio	Lower	Upper
94	100		
96	71.7	74.6	112.0#

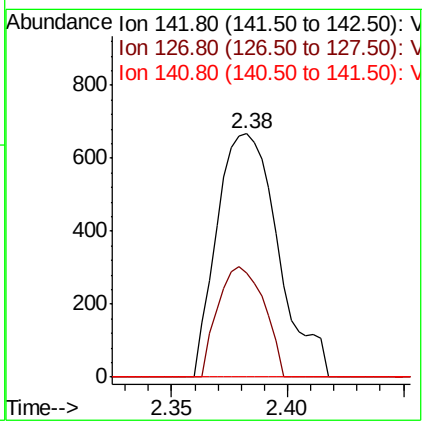


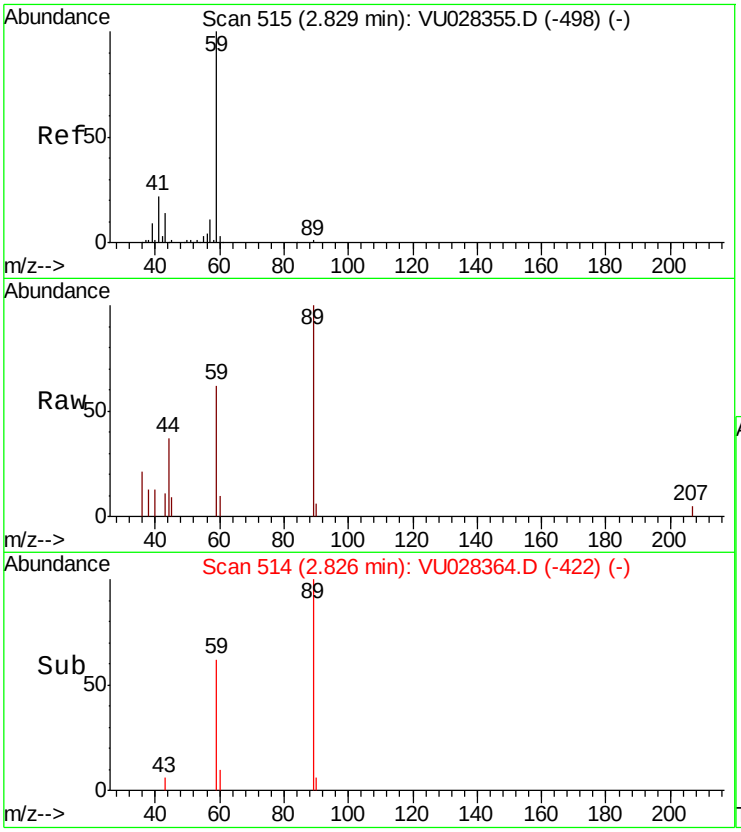


#10
Methyl Iodide
Concen: 0.507 ug/l
RT: 2.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion:142 Resp: 1229

Ion	Ratio	Lower	Upper
142	100		
127	34.2	35.0	52.6#
141	0.0	11.2	16.8#



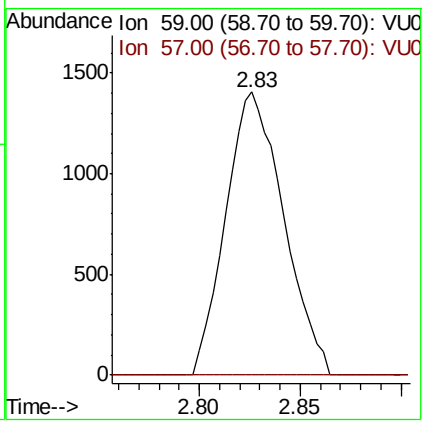


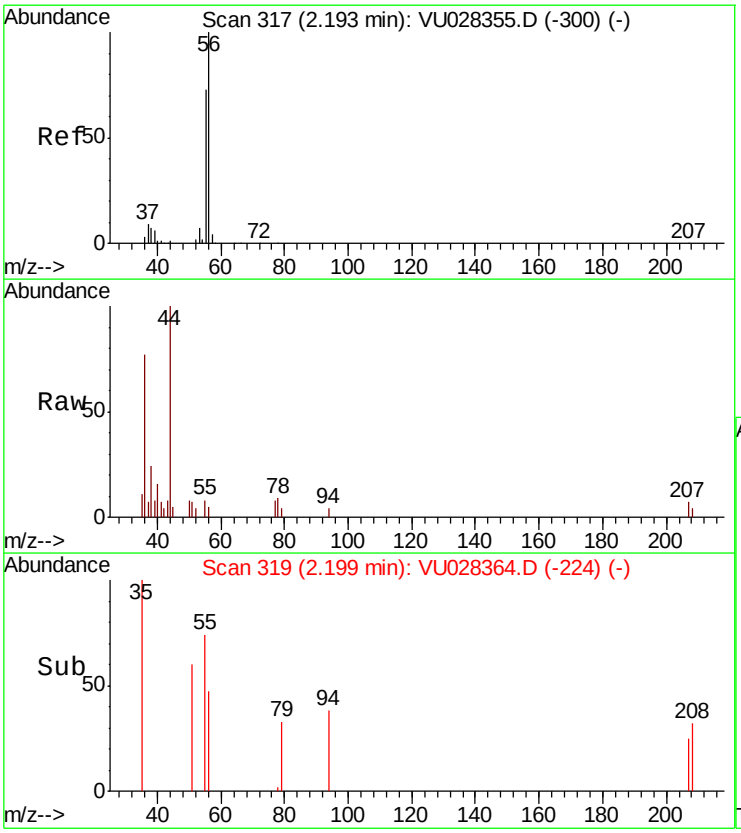
#11
Tert butyl alcohol
Concen: 3.173 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument : MSVOA_U
ClientSampleId : S49-0490ME

Tgt Ion: 59 Resp: 2815

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

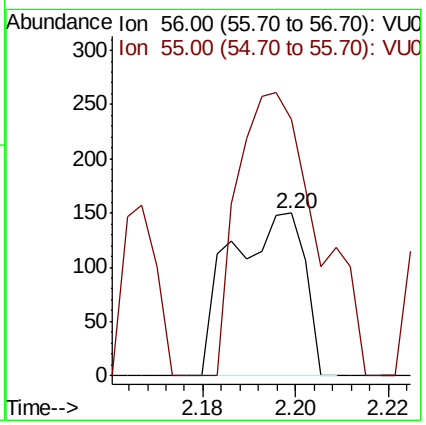


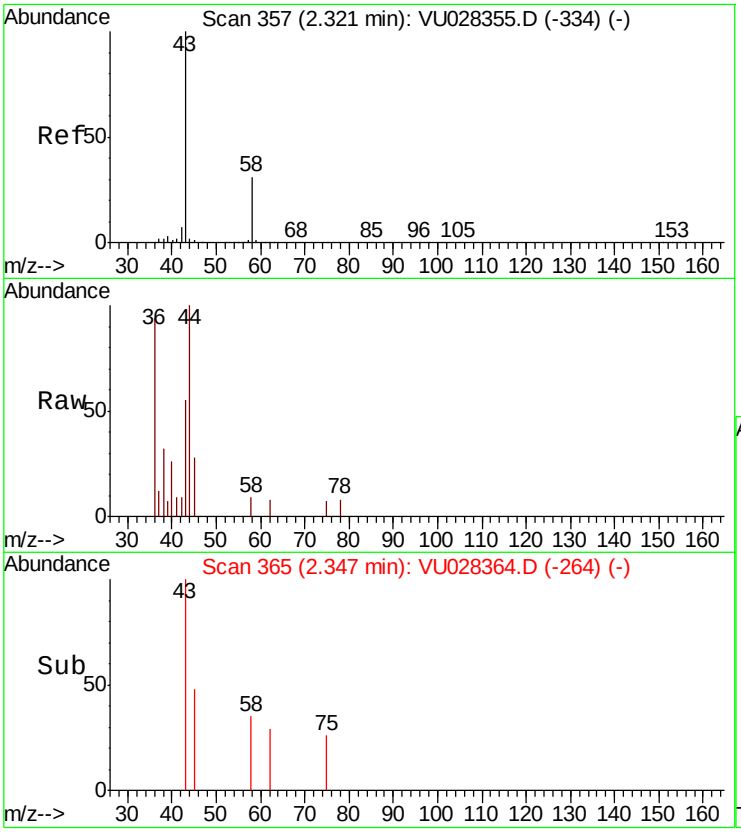


#13
Acrolein
Concen: 0.212 ug/l
RT: 2.20 min Scan# 319
Delta R.T. 0.01 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion: 56 Resp: 167

Ion	Ratio	Lower	Upper
56	100		
55	187.4	56.6	85.0#



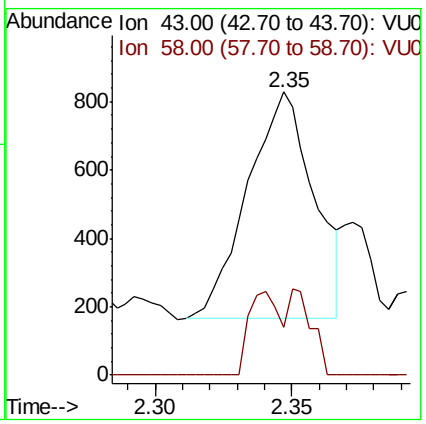


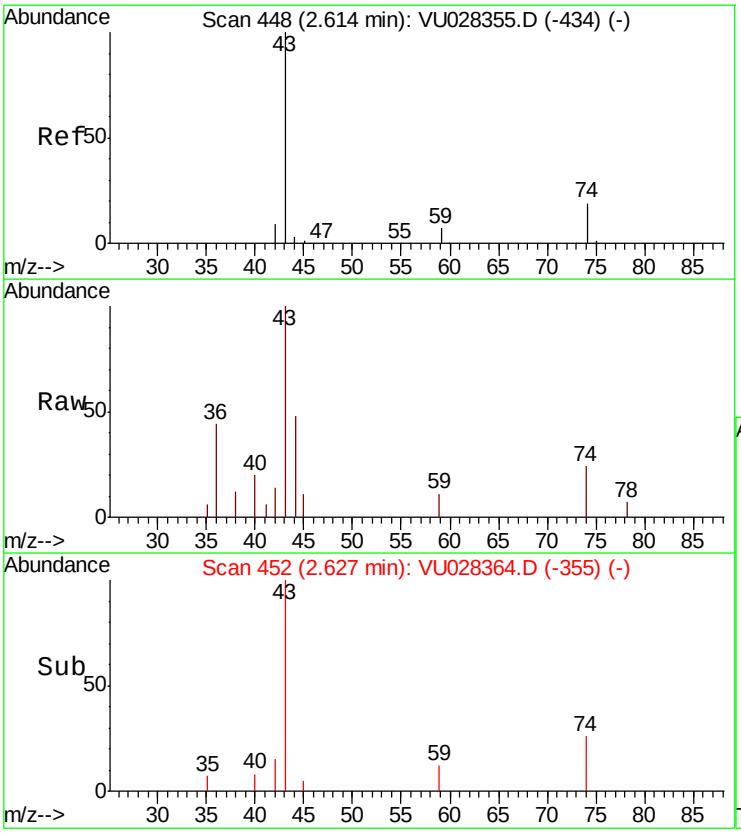
#16
Acetone
Concen: 0.465 ug/l
RT: 2.35 min Scan# 365
Delta R.T. 0.03 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument : MSVOA_U
ClientSampleId : S49-0490ME

Tgt Ion: 43 Resp: 1110

Ion	Ratio	Lower	Upper
43	100		
58	21.2	24.4	36.6#

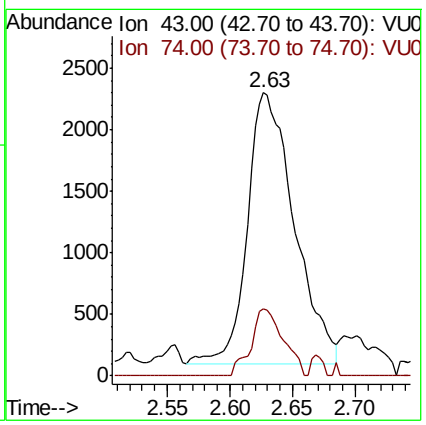


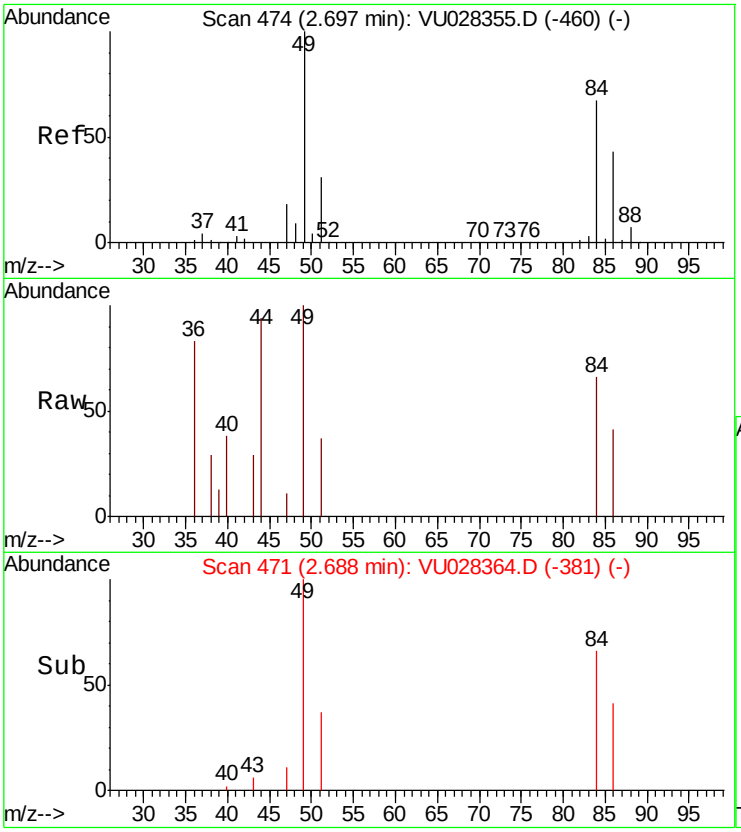


#18
Methyl Acetate
Concen: 0.862 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion: 43 Resp: 5733

Ion	Ratio	Lower	Upper
43	100		
74	17.0	15.3	22.9



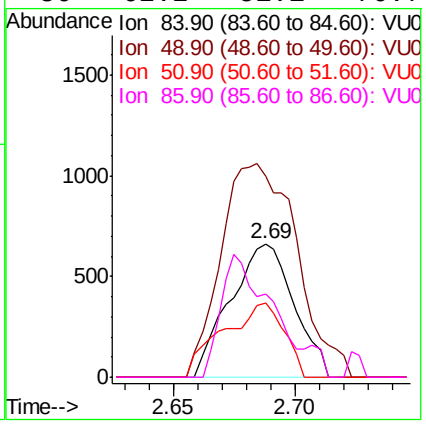


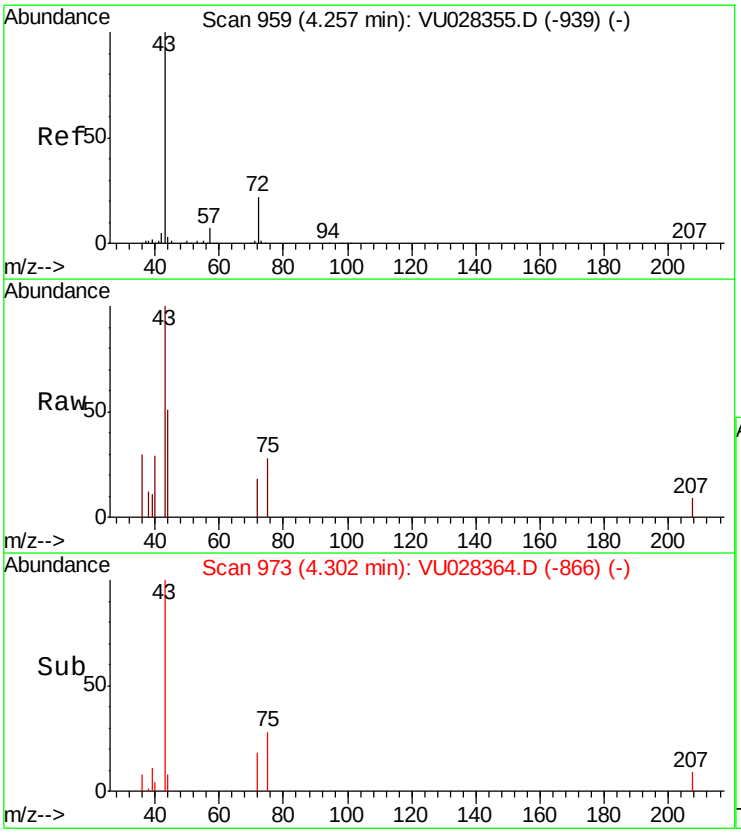
#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.69 min Scan# 471
Delta R.T. -0.01 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument : MSVOA_U
ClientSampleId : S49-0490ME

Tgt Ion: 84 Resp: 1196

Ion	Ratio	Lower	Upper
84	100		
49	151.0	120.0	180.0
51	55.8	36.9	55.3#
86	62.2	51.1	76.7

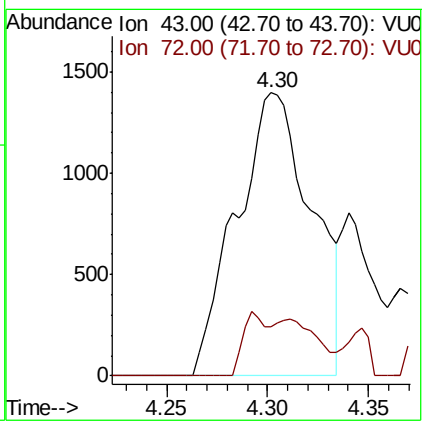


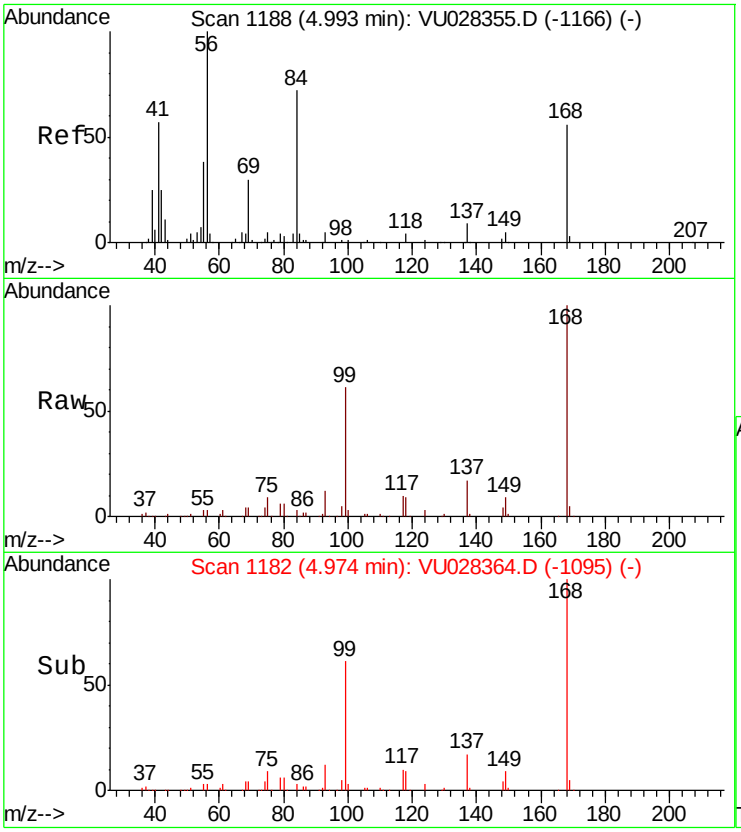


#25
2-Butanone
Concen: 1.060 ug/l
RT: 4.30 min Scan# 973
Delta R.T. 0.04 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion: 43 Resp: 3629

Ion	Ratio	Lower	Upper
43	100		
72	17.5	17.7	26.5#



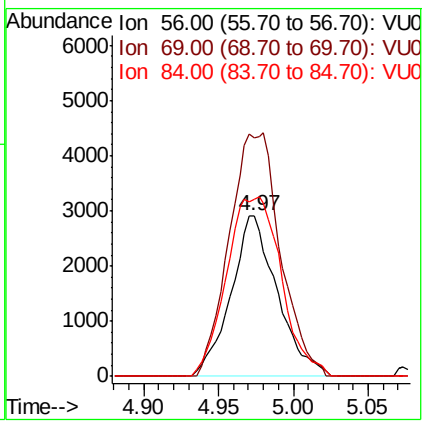


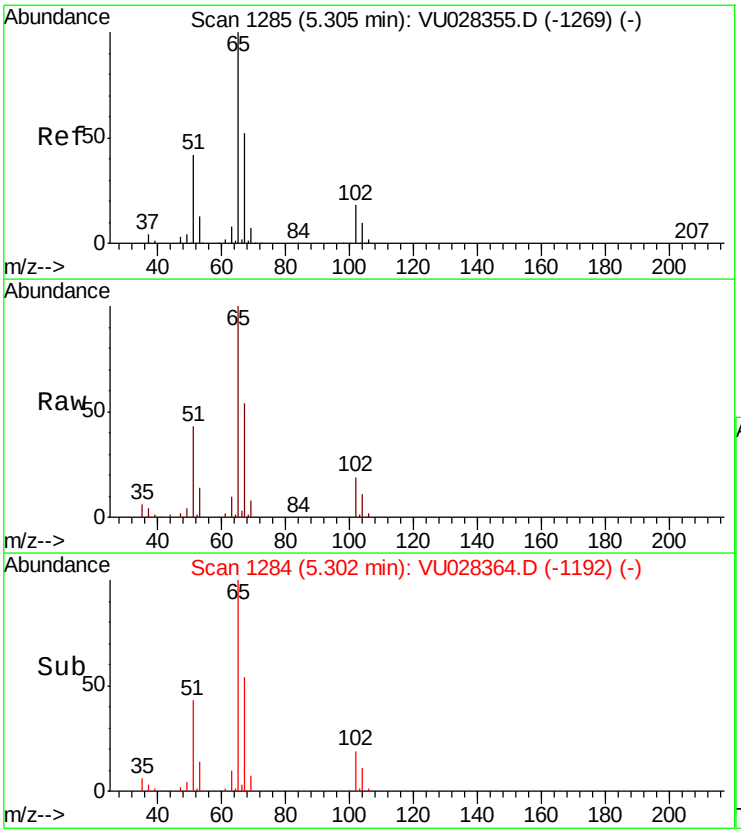
#31
Cyclohexane
Concen: 0.585 ug/l
RT: 4.97 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument : MSVOA_U
ClientSampleId : S49-0490ME

Tgt Ion: 56 Resp: 6279

Ion	Ratio	Lower	Upper
56	100		
69	147.9	23.7	35.5#
84	109.6	57.3	85.9#

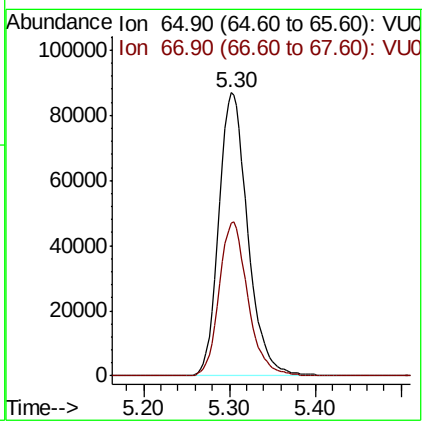


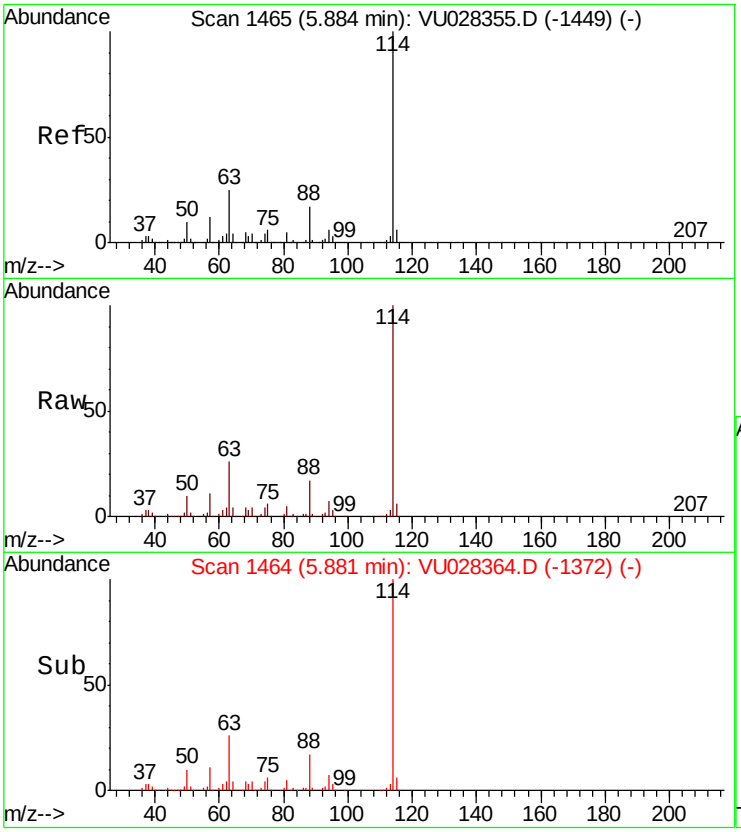


#33
1,2-Dichloroethane-d4
Concen: 52.127 ug/l
RT: 5.30 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion: 65 Resp: 203568

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.8



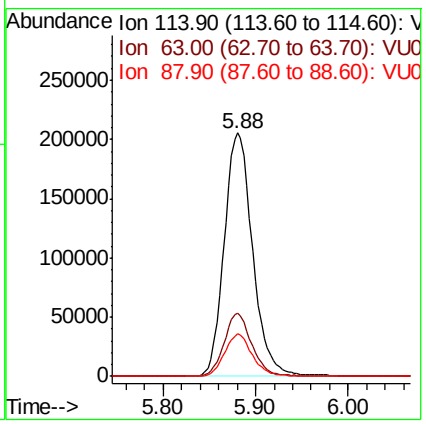


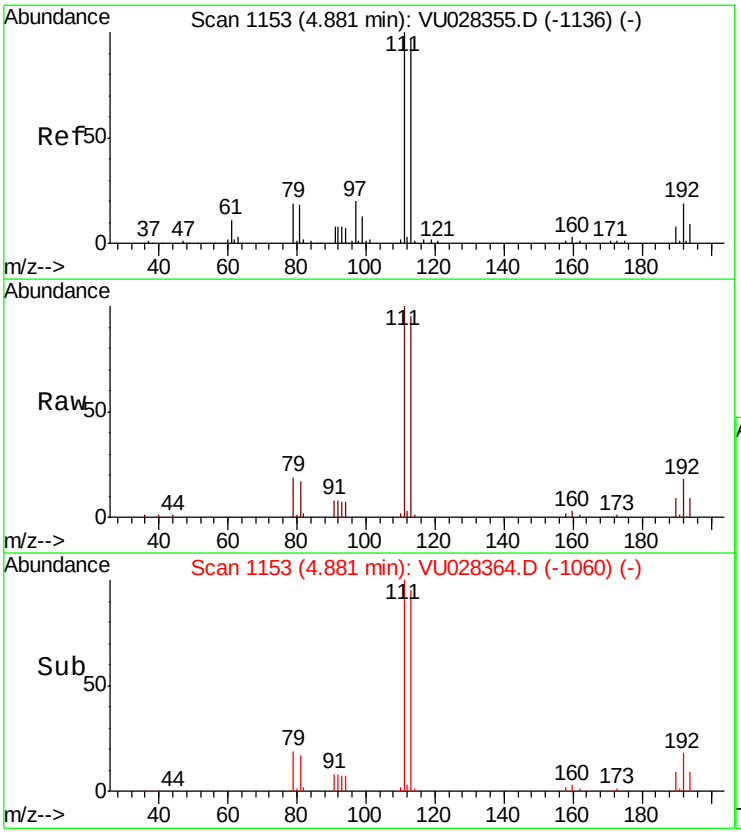
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument :
MSVOA_U
ClientSampleId :
S49-0490ME

Tgt Ion:114 Resp: 436570

Ion	Ratio	Lower	Upper
114	100		
63	26.0	0.0	50.0
88	17.5	0.0	34.4

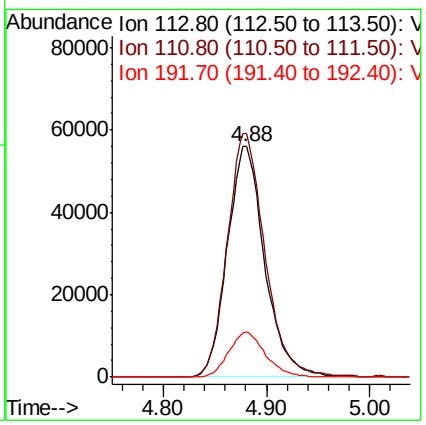


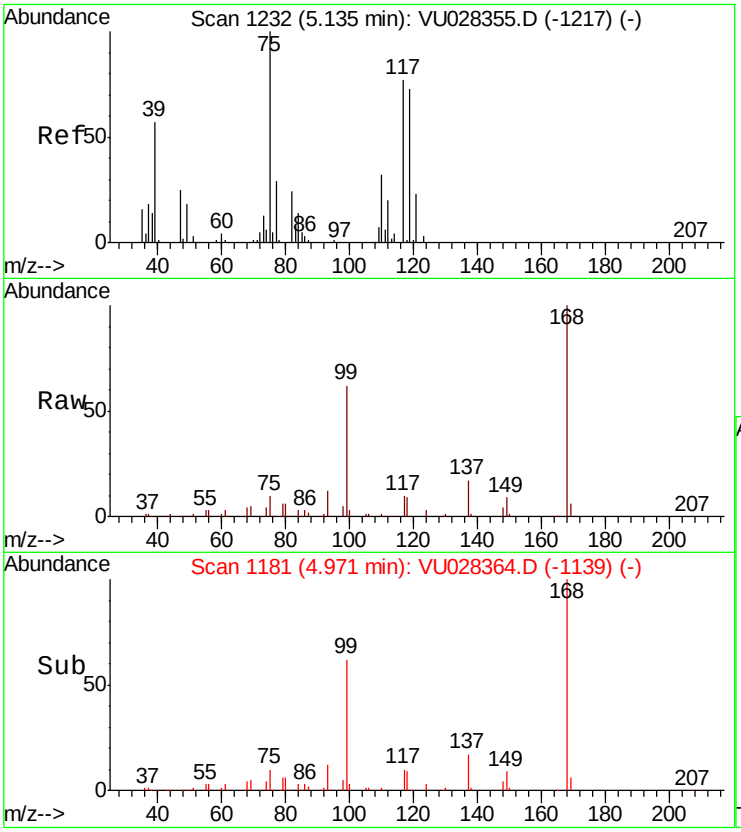


#35
Dibromofluoromethane
Concen: 48.678 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion:113 Resp: 141313

Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.9	124.3
192	19.1	15.4	23.0



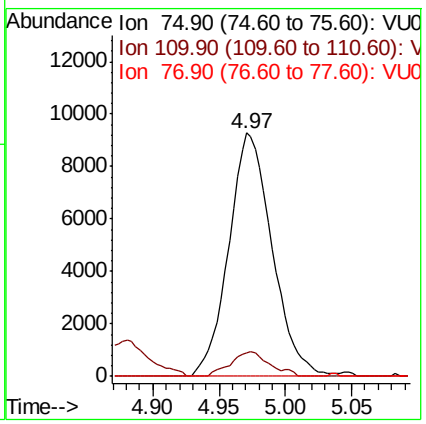


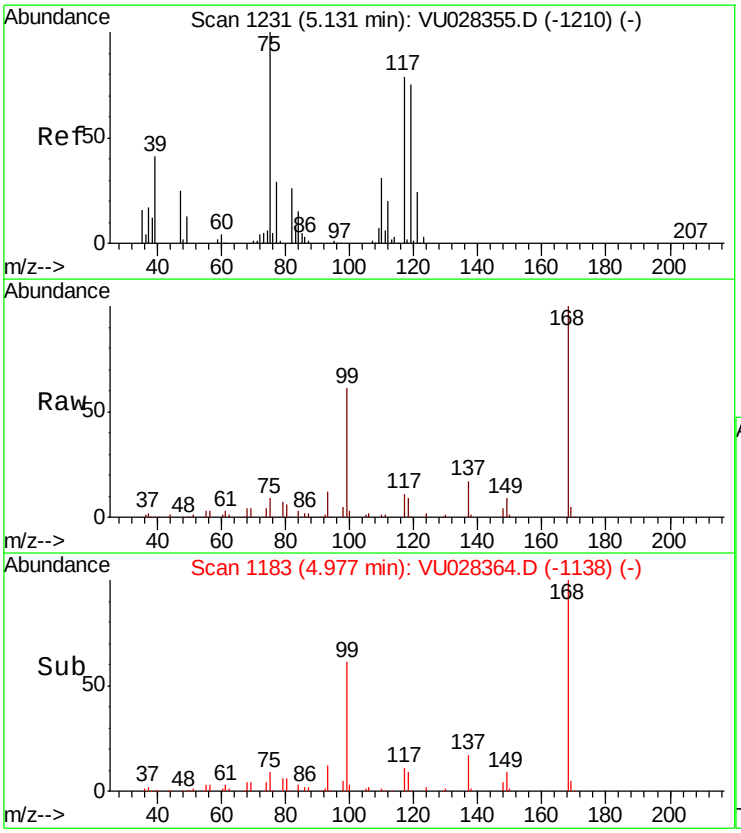
#36
1,1-Dichloropropene
Concen: 4.414 ug/l
RT: 4.97 min Scan# 1181
Delta R.T. -0.16 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument :
MSVOA_U
ClientSampleId :
S49-0490ME

Tgt Ion: 75 Resp: 21089

Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.8	47.4#
77	0.0	24.6	36.8#

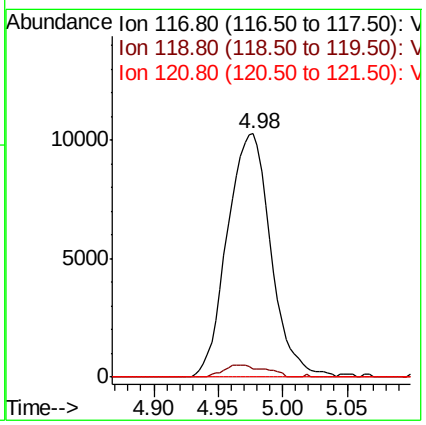


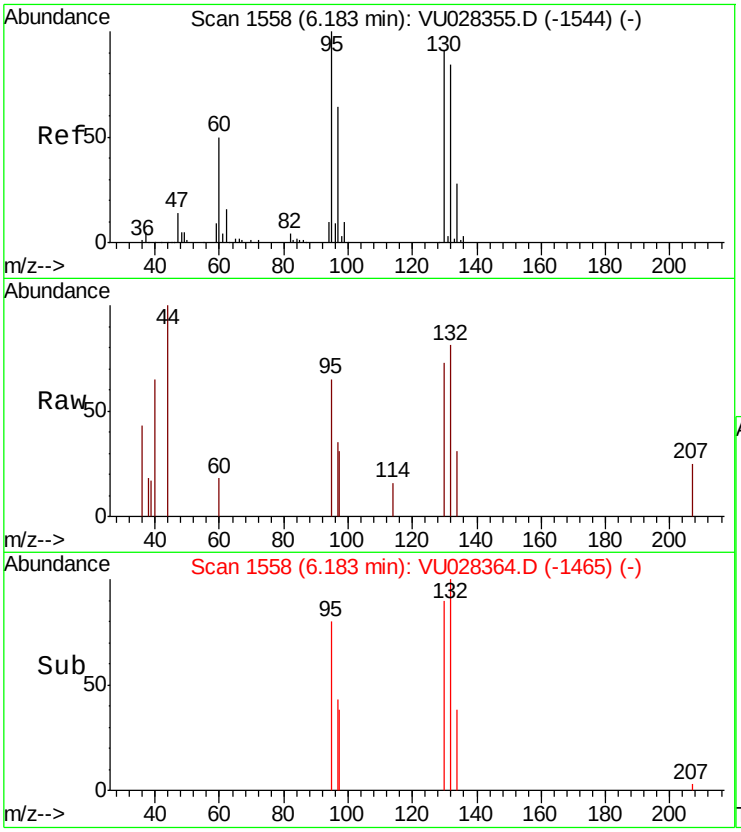


#38
Carbon Tetrachloride
Concen: 6.152 ug/l
RT: 4.98 min Scan# 1183
Delta R.T. -0.15 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion:117 Resp: 24136

Ion	Ratio	Lower	Upper
117	100		
119	3.5	76.3	114.5#
121	0.0	24.7	37.1#



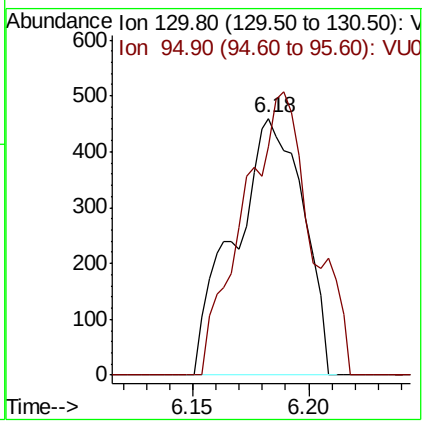


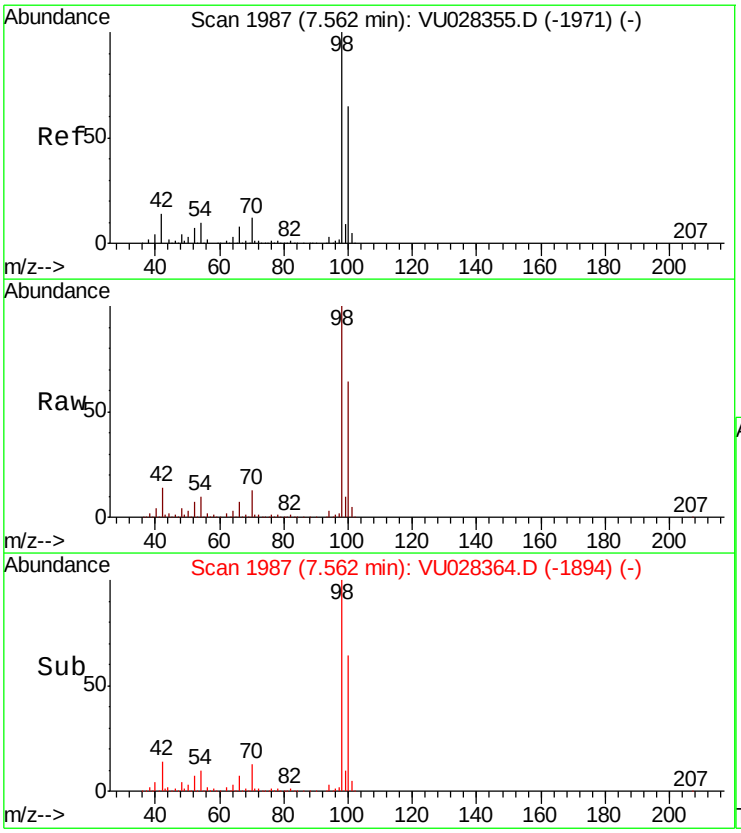
#44
Trichloroethene
Concen: 0.315 ug/l
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument :
MSVOA_U
ClientSampleId :
S49-0490ME

Tgt Ion:130 Resp: 954

Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	219.8

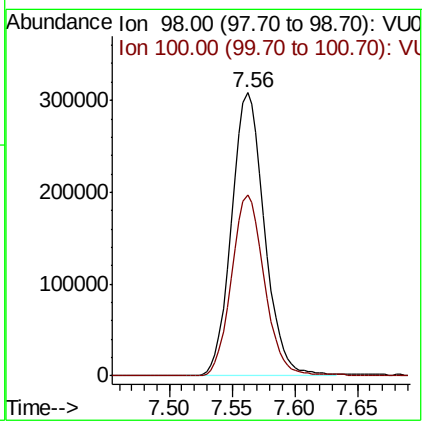


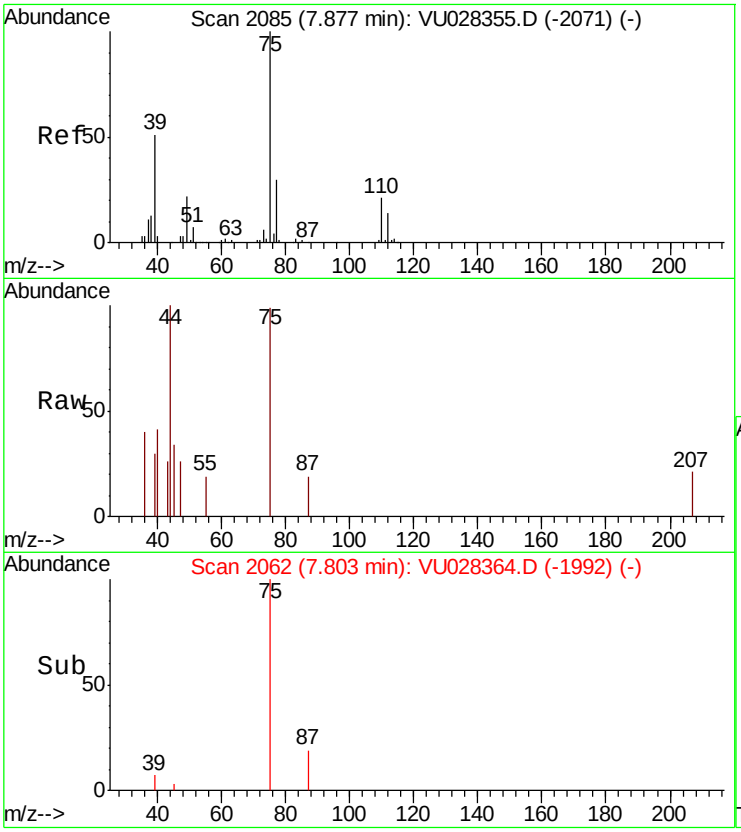


#50
Toluene-d8
Concen: 48.551 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion: 98 Resp: 563678

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.8	76.2



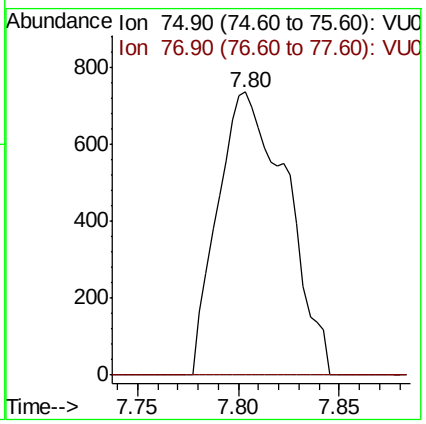


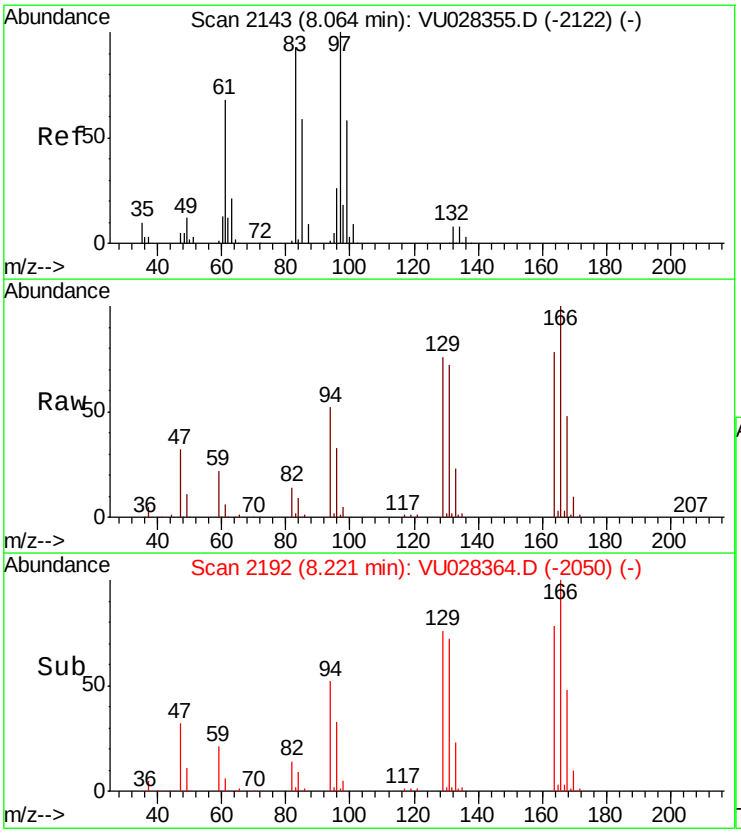
#53
t-1,3-Dichloropropene
Concen: 0.310 ug/l
RT: 7.80 min Scan# 2062
Delta R.T. -0.07 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument : MSVOA_U
ClientSampleId : S49-0490ME

Tgt Ion: 75 Resp: 1756

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.1	36.1#

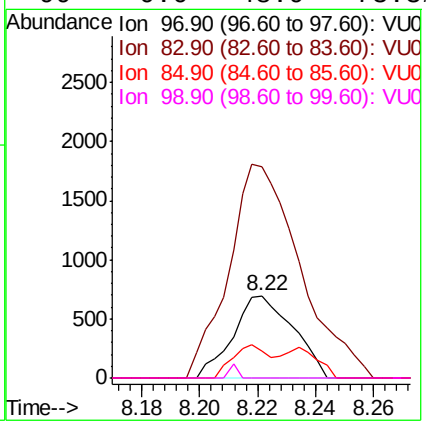


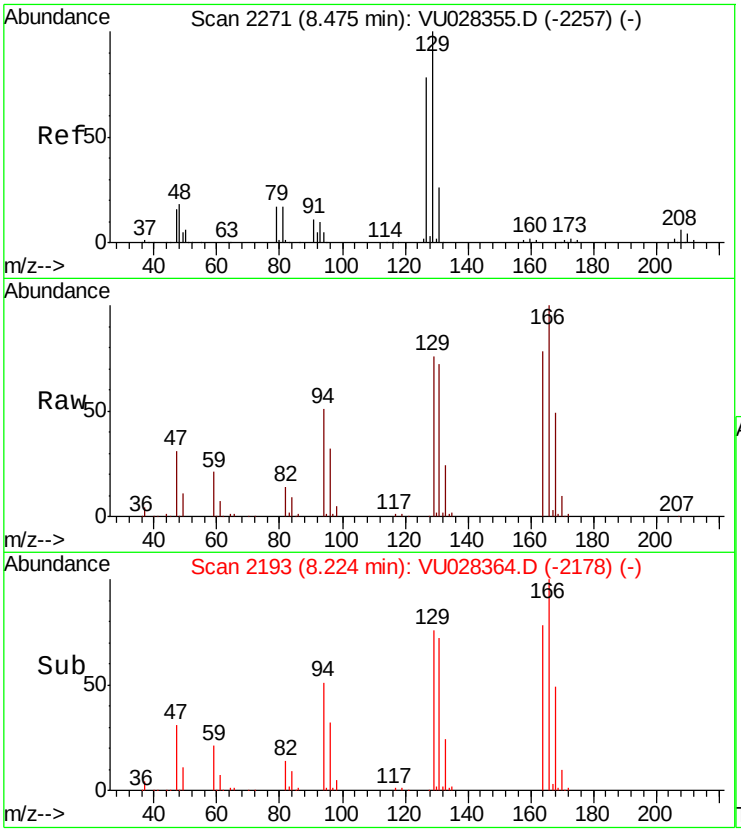


#55
1,1,2-Trichloroethane
Concen: 0.295 ug/l
RT: 8.22 min Scan# 2192
Delta R.T. 0.16 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion: 97 Resp: 1000

Ion	Ratio	Lower	Upper
97	100		
83	257.3	74.3	111.5#
85	32.3	47.2	70.8#
99	0.0	48.9	73.3#



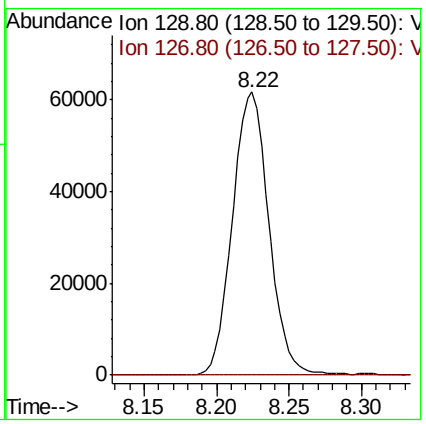


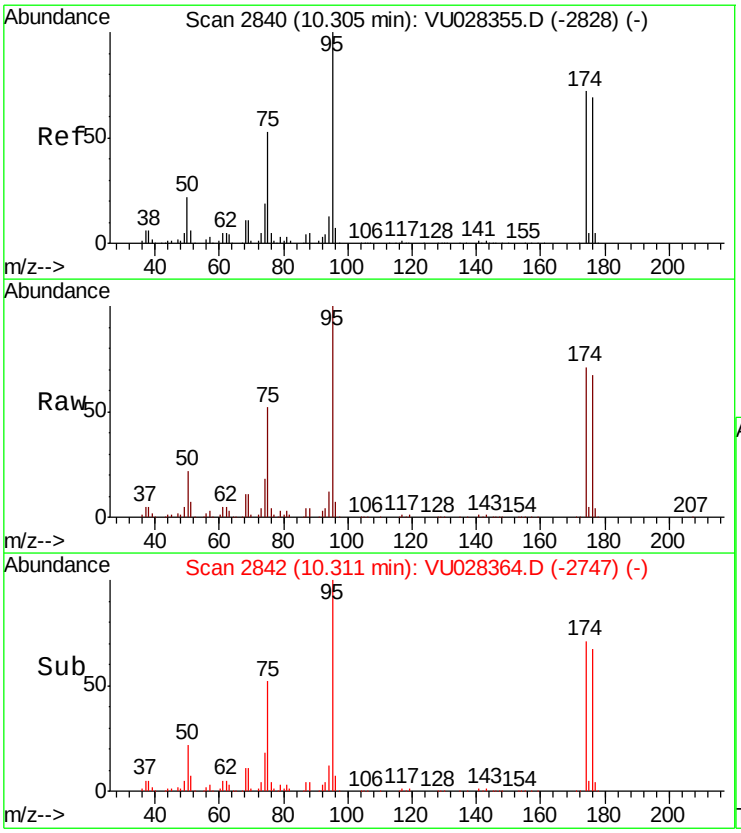
#60
Dibromochloromethane
Concen: 33.379 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument : MSVOA_U
ClientSampleId : S49-0490ME

Tgt Ion:129 Resp: 107649

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.7#

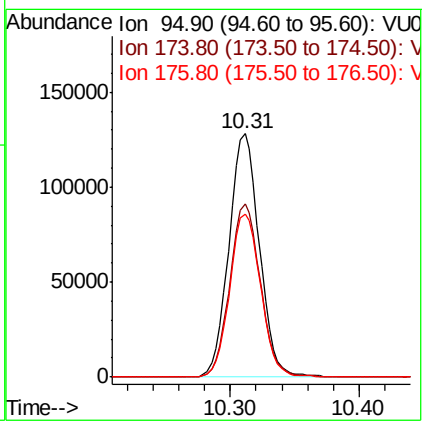


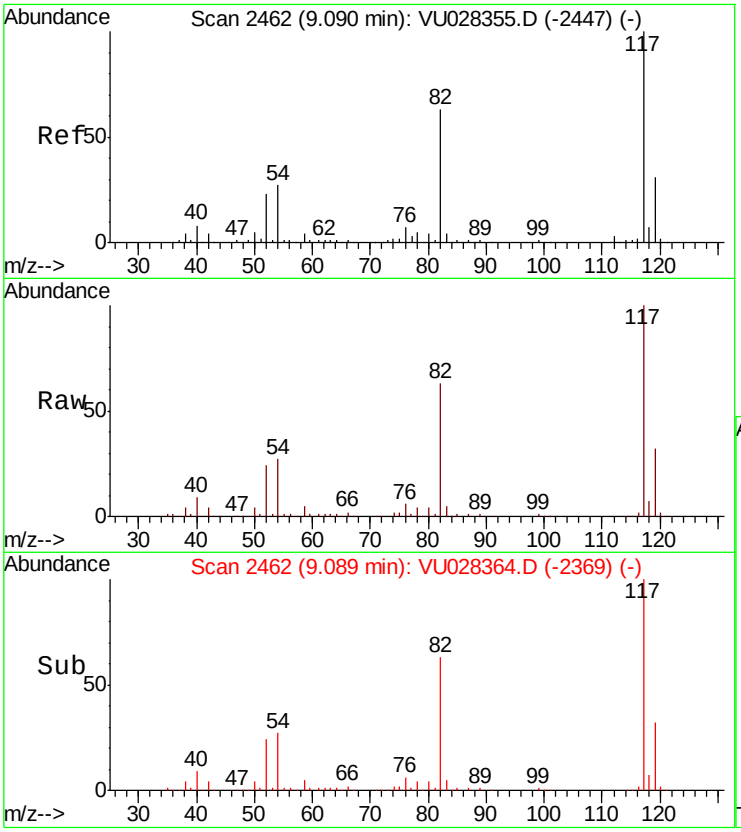


#62
4-Bromofluorobenzene
Concen: 50.155 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.01 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion: 95 Resp: 209878

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	145.4
176	68.7	0.0	140.8



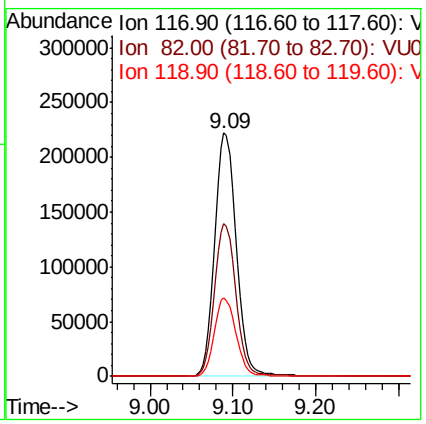


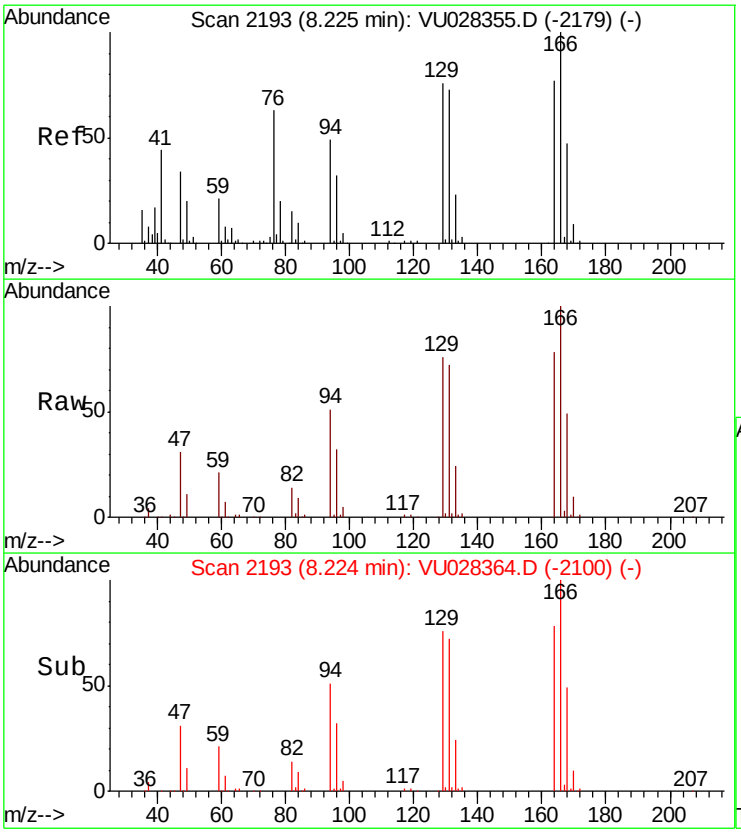
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument : MSVOA_U
ClientSampleId : S49-0490ME

Tgt Ion:117 Resp: 401324

Ion	Ratio	Lower	Upper
117	100		
82	62.6	50.3	75.5
119	32.4	24.8	37.2

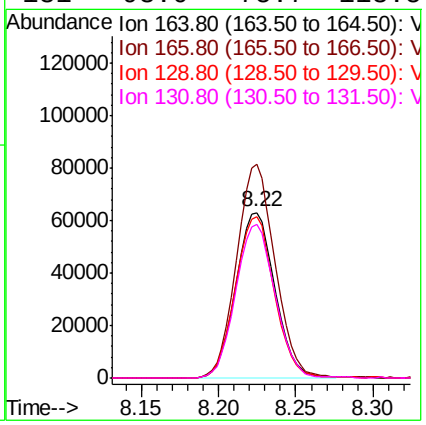


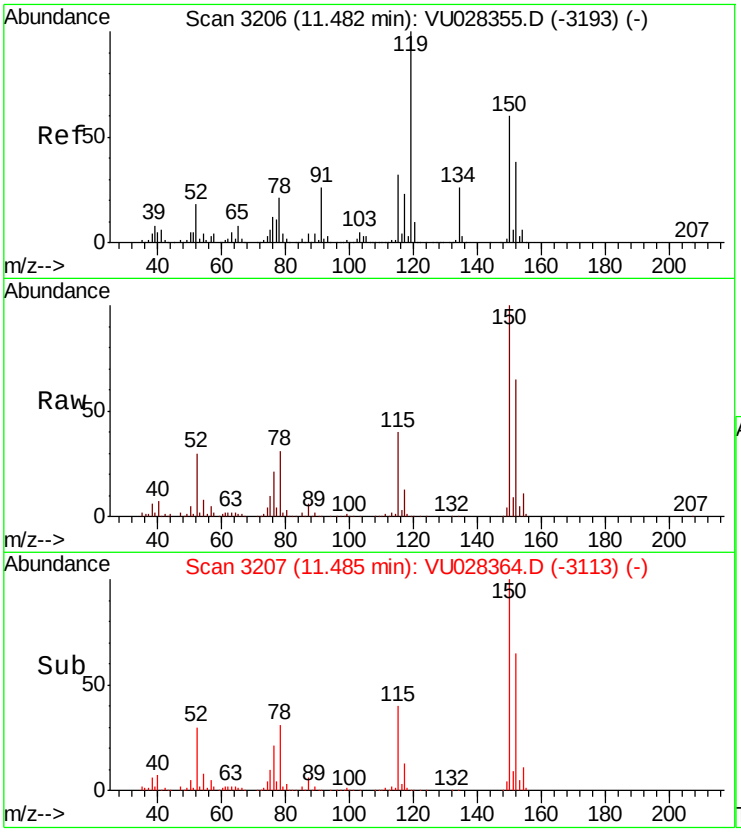


#64
Tetrachloroethene
Concen: 41.956 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion:164 Resp: 110760

Ion	Ratio	Lower	Upper
164	100		
166	128.9	104.0	156.0
129	97.6	79.2	118.8
131	93.0	75.7	113.5



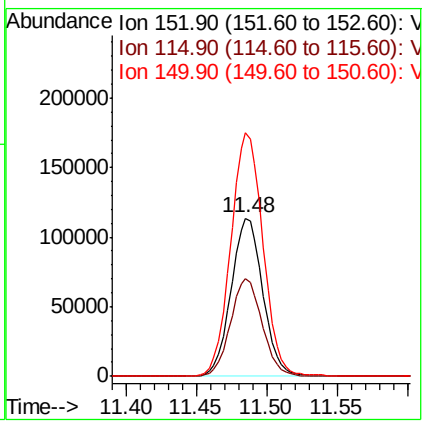


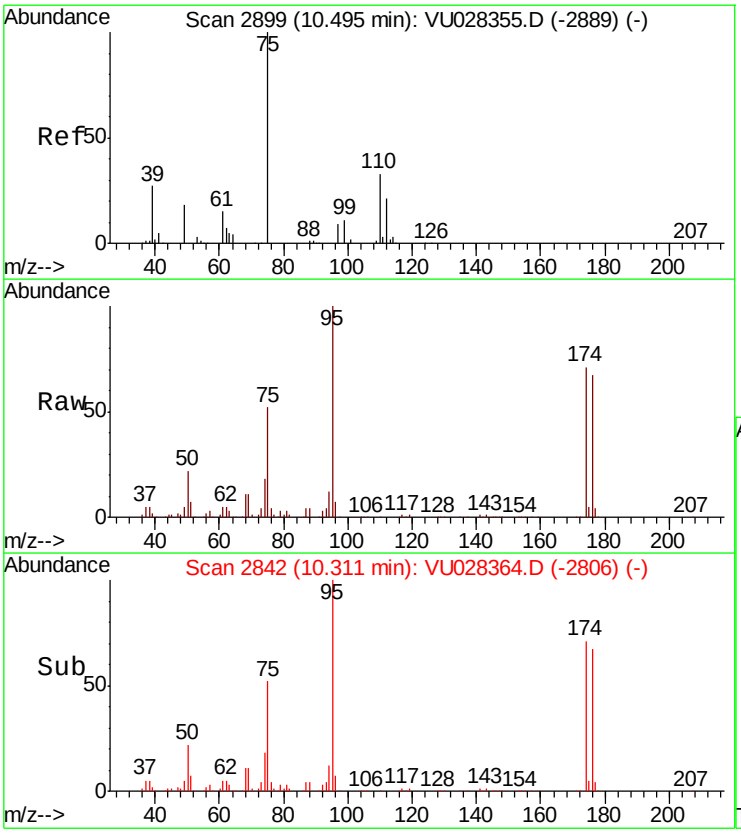
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument : MSVOA_U
ClientSampleId : S49-0490ME

Tgt Ion:152 Resp: 179287

Ion	Ratio	Lower	Upper
152	100		
115	61.5	45.0	134.8
150	156.1	0.0	349.2

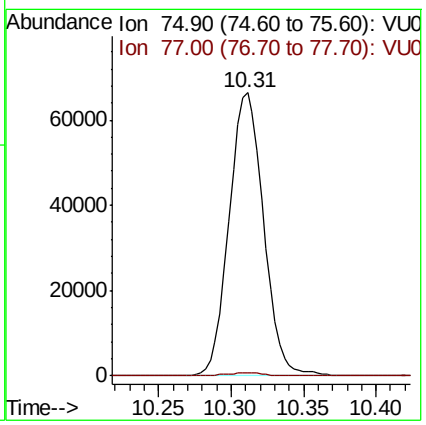


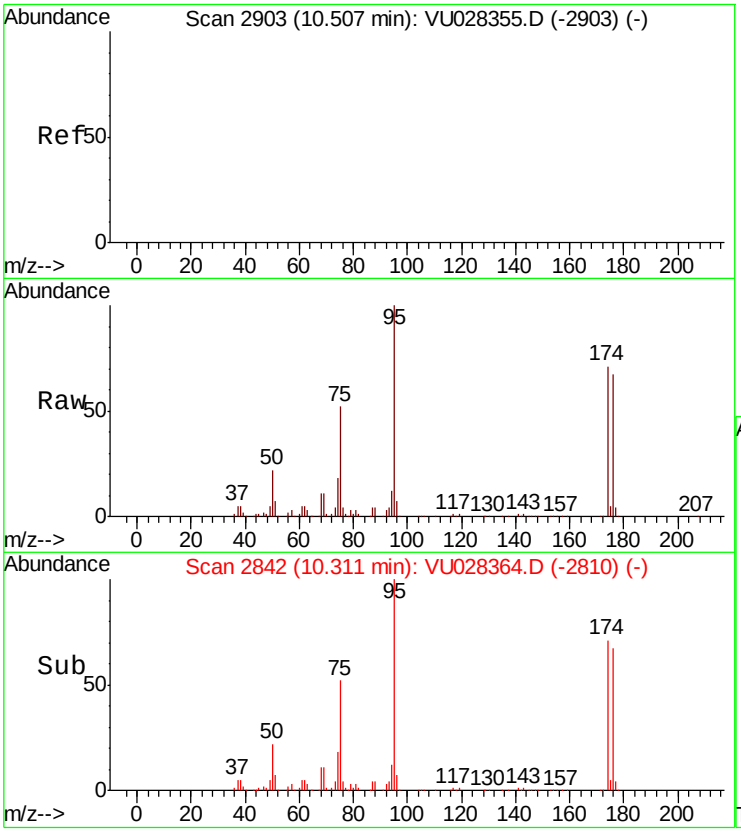


#76
1,2,3-Trichloropropane
Concen: 22.086 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. -0.18 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion: 75 Resp: 109806

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.4	67.0#



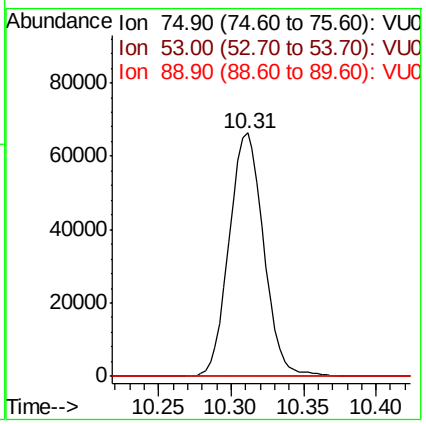


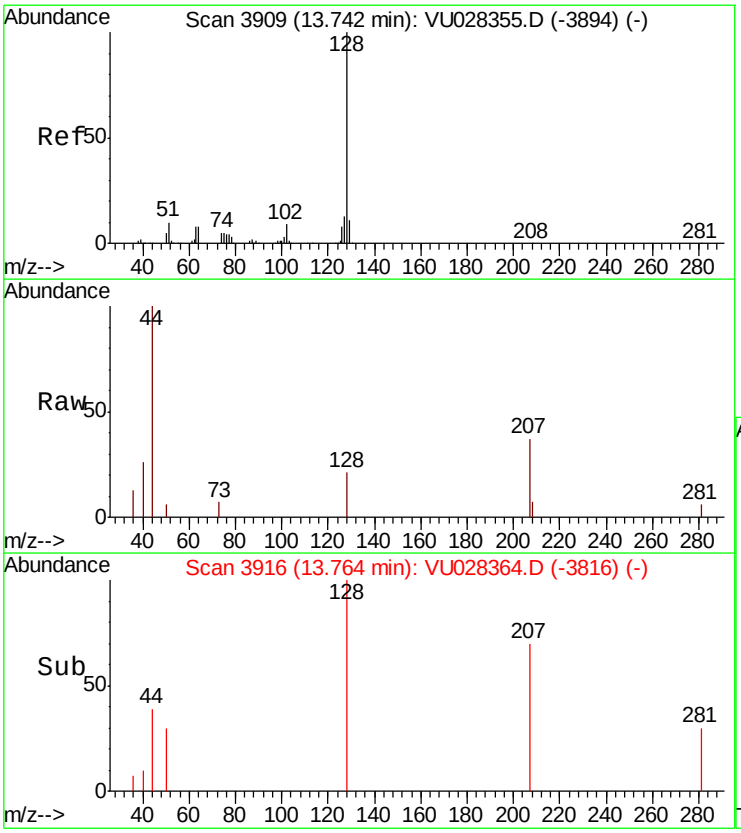
#81
trans-1,4-Dichloro-2-butene
Concen: 58.627 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. -0.20 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument :
MSVOA_U
ClientSampleId :
S49-0490ME

Tgt Ion: 75 Resp: 109806

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





#95
Naphthalene
Concen: 2.862 ug/l
RT: 13.76 min Scan# 3916
Delta R.T. 0.02 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion:128 Resp: 422

Ion	Ratio	Lower	Upper
128	100		
127	5.0	10.6	15.8#
129	0.0	8.6	12.8#