Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

Quantitation Report (Not Reviewed)

Data File : VU029237.D
Acq On : 21 Jan 2019 10:32
Operator : JC/SP
Sample : PB116506TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Quant Time: Jan 22 01:03:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	117852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	206045	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	78730	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.08%			
35) Dibromofluoromethane	4.88	113	69291	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.76%			
50) Toluene-d8	7.56	98	268399	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.80%			
62) 4-Bromofluorobenzene	10.30	95	75674	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.86%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	845	Below Cal	#	88
5) Bromomethane	1.64	94	88	Below Cal	#	2
16) Acetone	2.32	43	4800	5.230	ug/l #	87
17) Carbon Disulfide	2.48	76	511	Below Cal	#	54
18) Methyl Acetate	2.63	43	693	0.325	ug/l #	51
20) Methylene Chloride	2.70	84	7930	5.089	ug/l	99
29) Tetrahydrofuran	4.66	42	384	0.511	ug/l #	30
31) Cyclohexane	4.98	56	1926	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8346	4.052	ug/l #	47
38) Carbon Tetrachloride	4.98	117	10629	6.188	ug/l #	17
43) Isopropyl Acetate	5.55	43	8310	2.396	ug/l	93
45) 1,2-Dichloropropane	6.70	63	667	0.393	ug/l #	43
48) Methyl methacrylate	6.70	41	53506	31.687	ug/l #	36
51) 4-Methyl-2-Pentanone	7.42	43	39885	16.900	ug/l #	44
54) cis-1,3-Dichloropropene	7.42	75	20550	7.929	ug/l #	61
57) 1,3-Dichloropropane	8.41	76	4794	1.788	ug/l #	42
59) 2-Hexanone	8.31	43	6340	3.422	ug/l #	21
74) N-amyl acetate	9.76	43	5944	2.384	ug/l #	48
76) 1,2,3-Trichloropropane	10.30	75	37875	19.775	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.77	105	2128	0.440	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.30	75	37875	51.000	ug/l #	100
96) 1,2,3-Trichlorobenzene	14.02	180	120	0.840	ug/l #	57

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

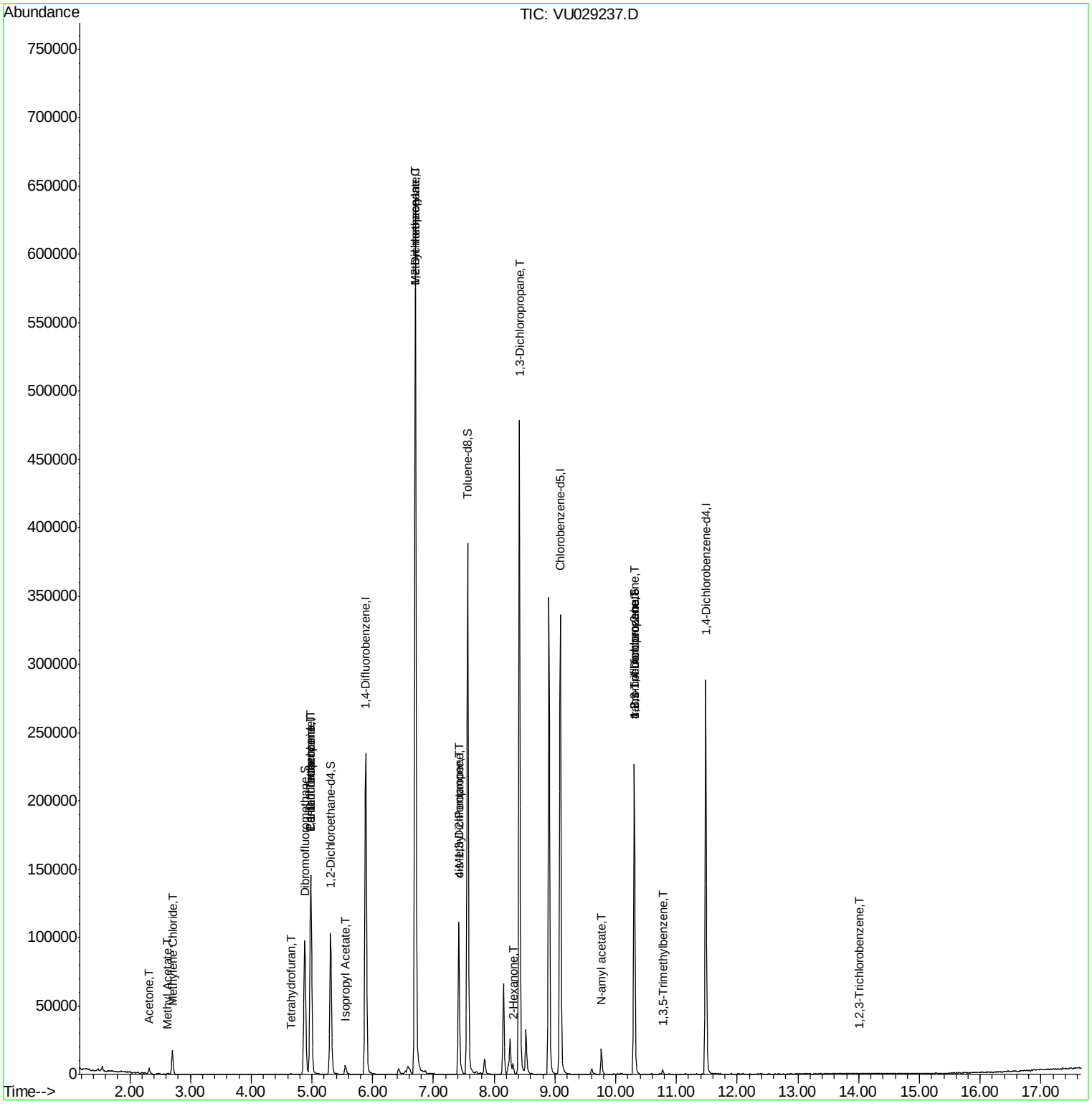
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

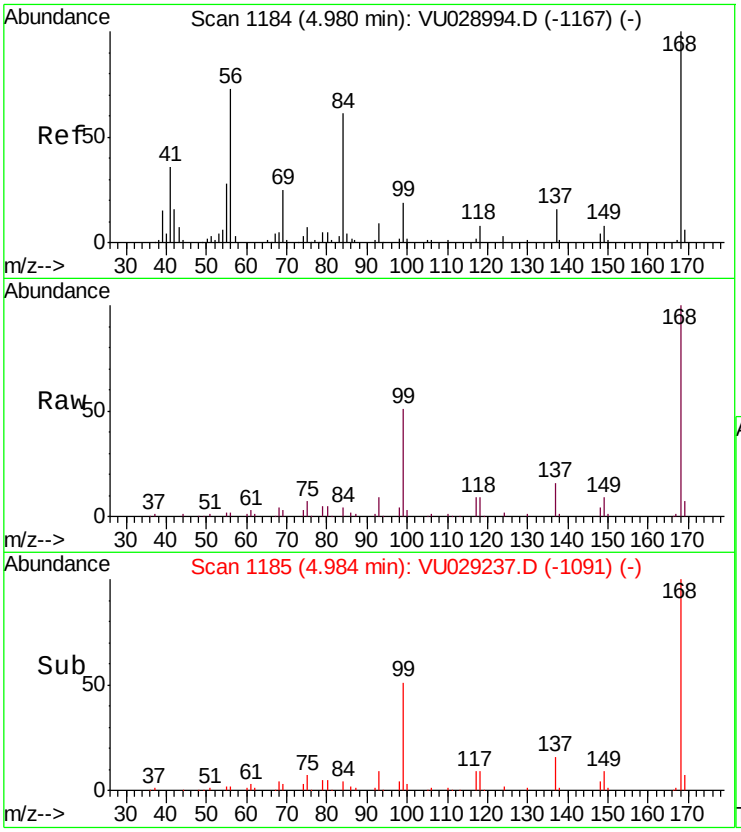
Quantitation Report (Not Reviewed)

Data File : VU029237.D
Acq On : 21 Jan 2019 10:32
Operator : JC/SP
Sample : PB116506TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Quant Time: Jan 22 01:03:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration



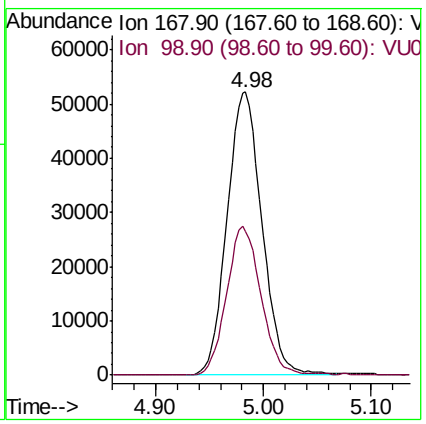


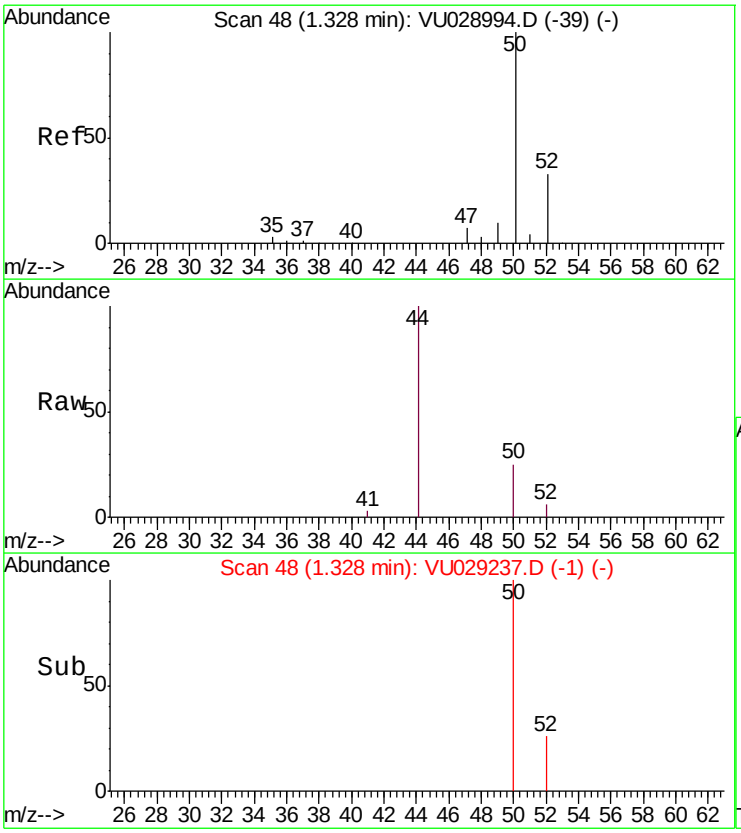
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
PB116506TB

Tgt Ion:168 Resp: 117852

Ion	Ratio	Lower	Upper
168	100		
99	51.0	42.0	63.0

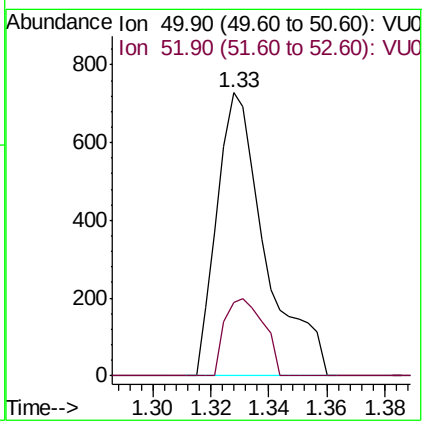


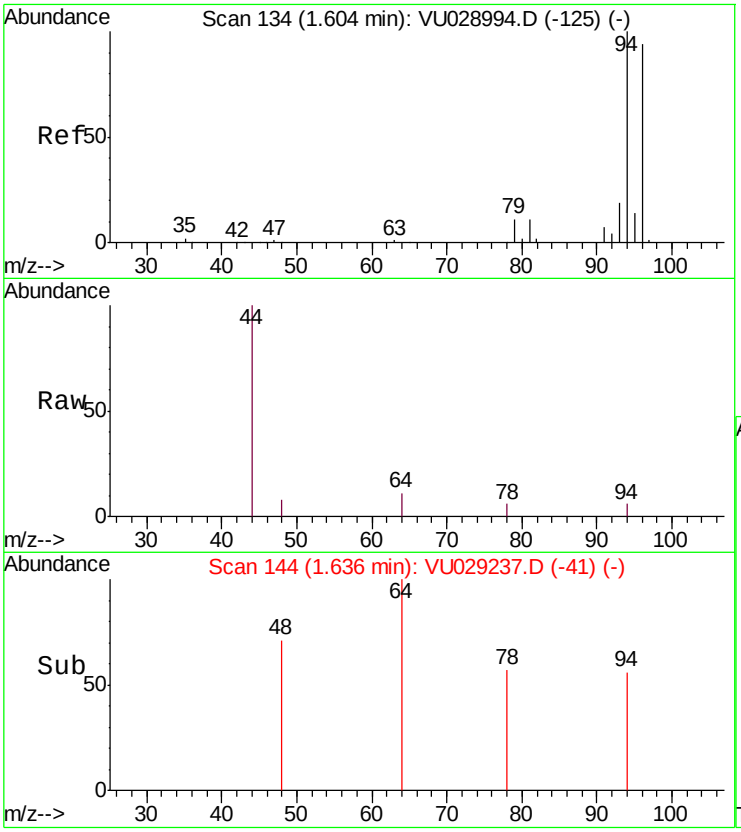


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 50 Resp: 845

Ion	Ratio	Lower	Upper
50	100		
52	26.0	26.1	39.1#



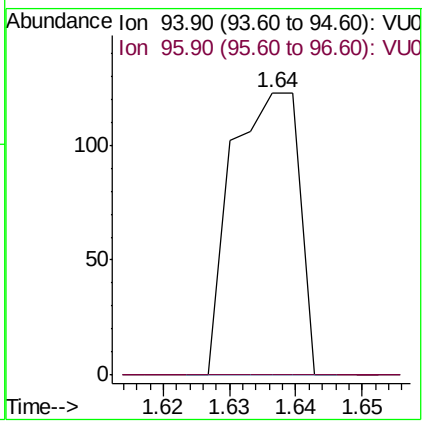


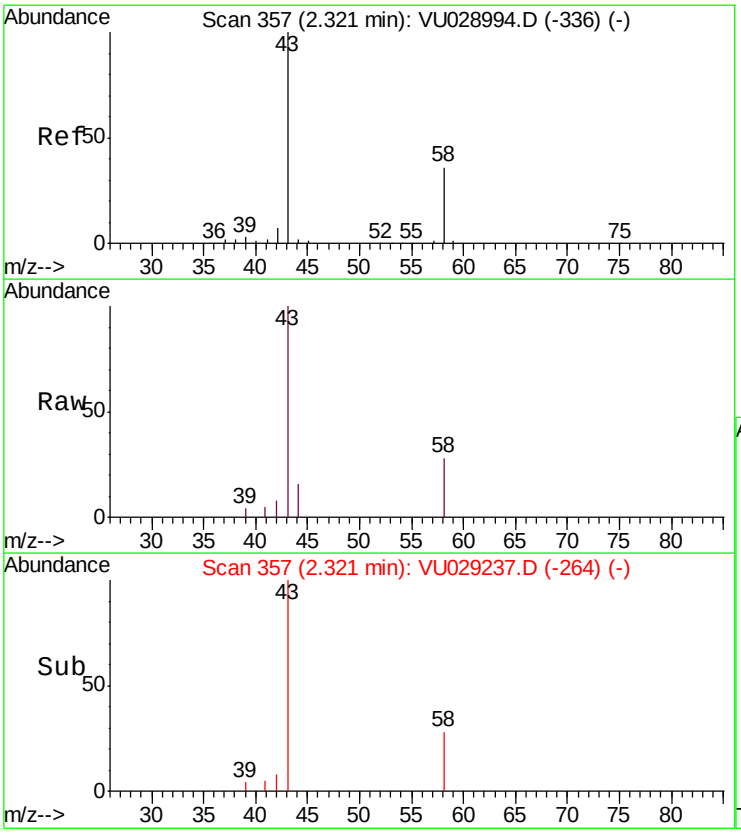
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 144
Delta R.T. 0.03 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion: 94 Resp: 88

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.5	113.3#

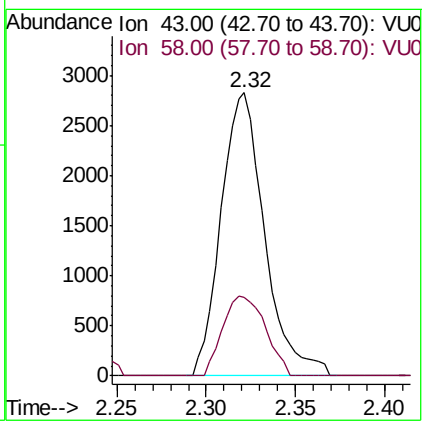


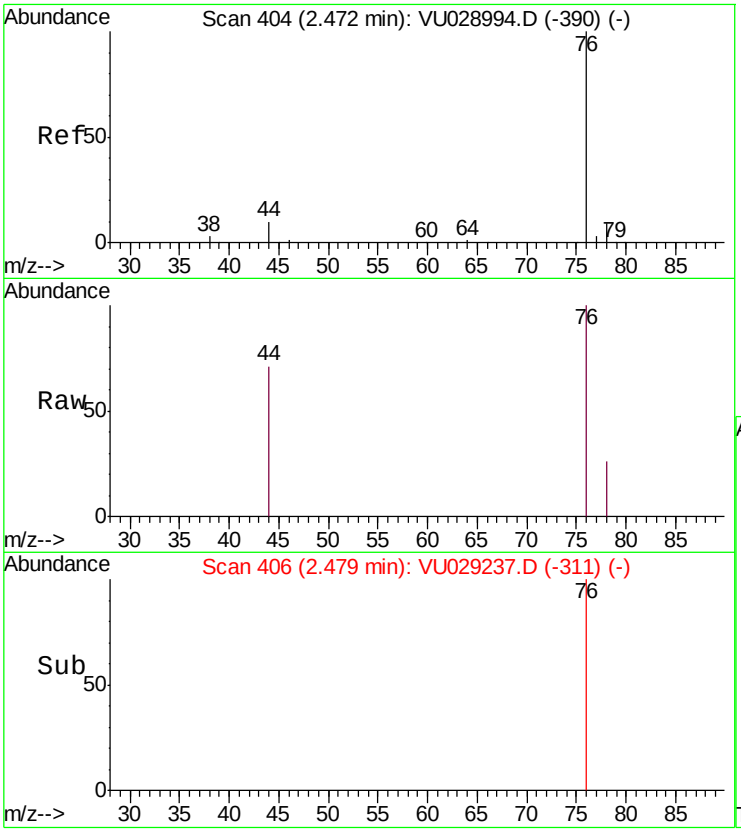


#16
Acetone
Concen: 5.230 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 43 Resp: 4800

Ion	Ratio	Lower	Upper
43	100		
58	27.8	28.6	42.8#



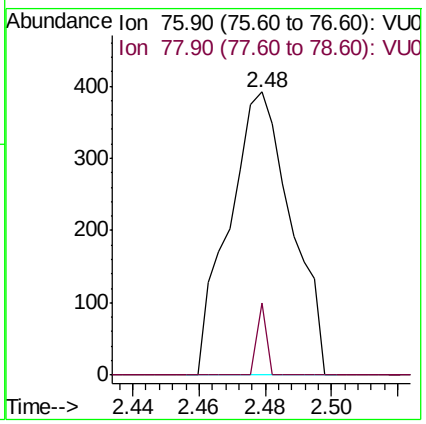


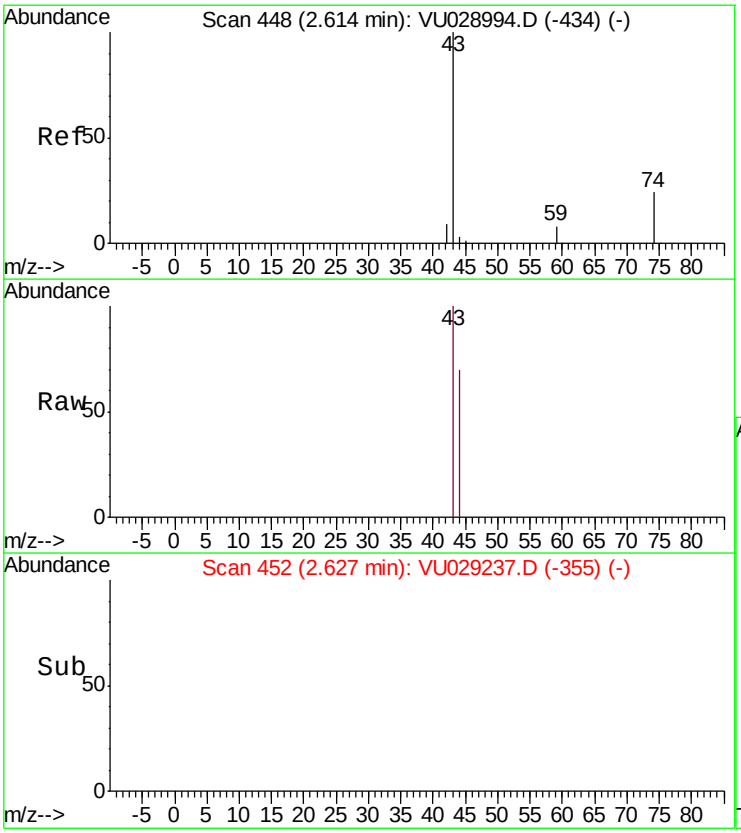
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion: 76 Resp: 511

Ion	Ratio	Lower	Upper
76	100		
78	25.5	7.2	10.8#

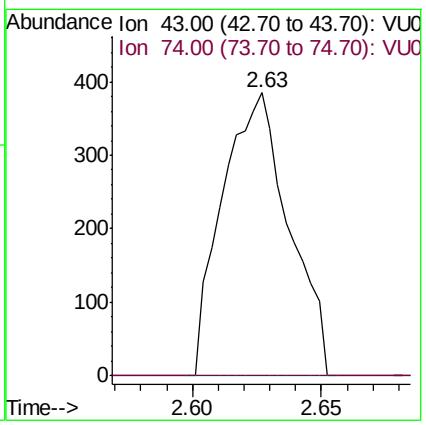


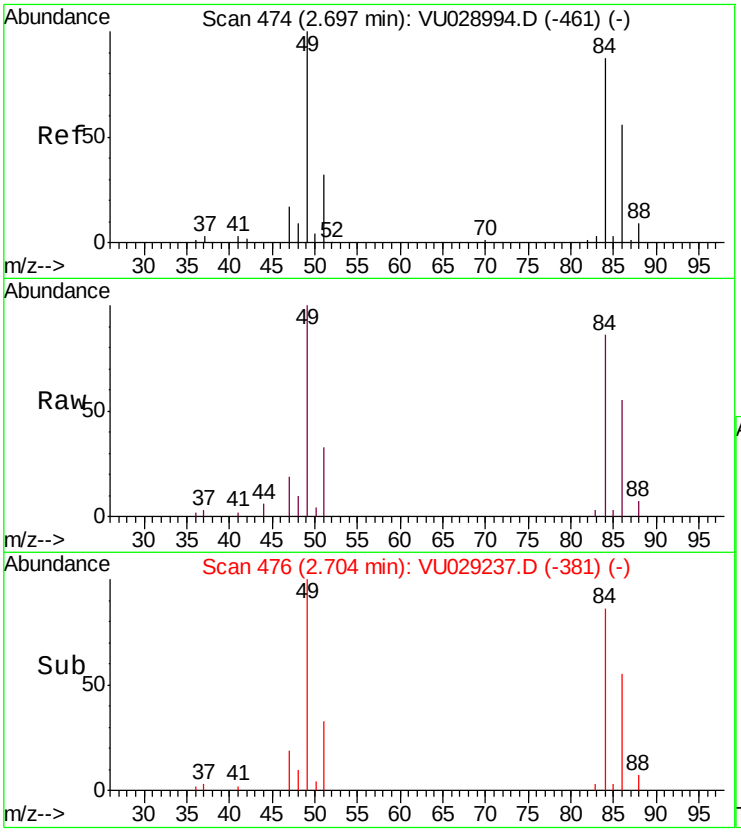


#18
Methyl Acetate
Concen: 0.325 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 43 Resp: 693

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.5	29.3#



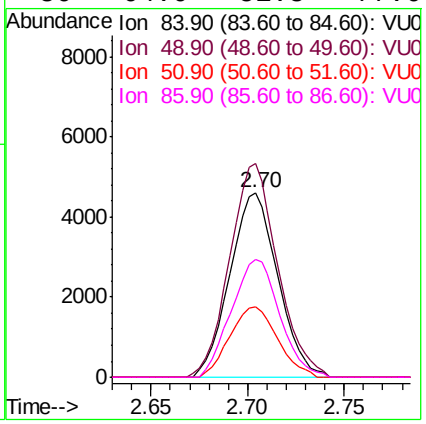


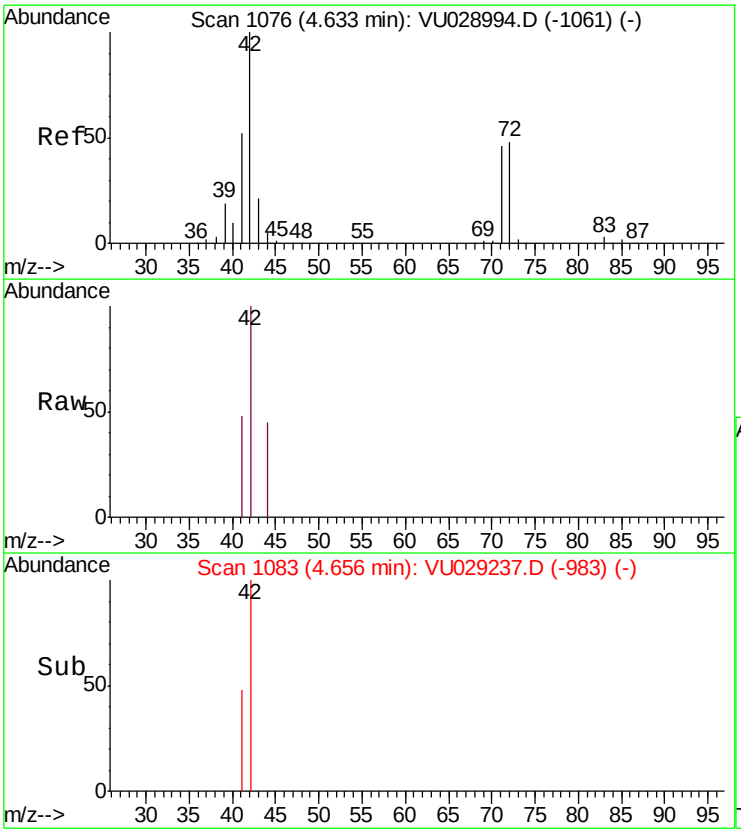
#20
Methylene Chloride
Concen: 5.089 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion: 84 Resp: 7930

Ion	Ratio	Lower	Upper
84	100		
49	115.7	91.9	137.9
51	37.9	29.2	43.8
86	64.0	51.8	77.6

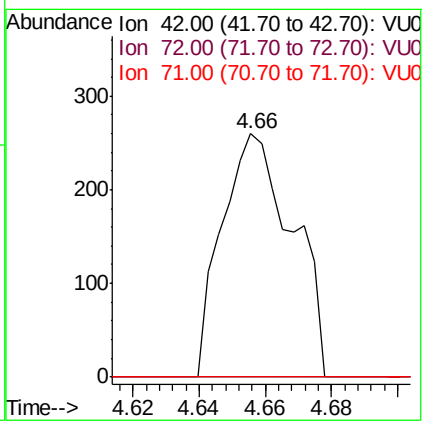


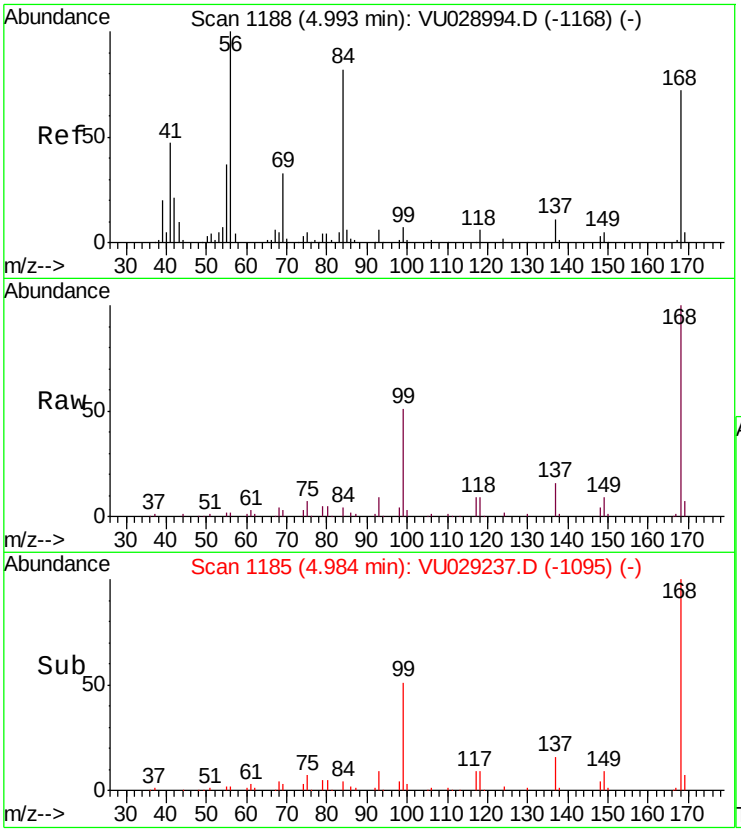


#29
Tetrahydrofuran
Concen: 0.511 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 42 Resp: 384

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.3	57.5#
71	0.0	36.1	54.1#



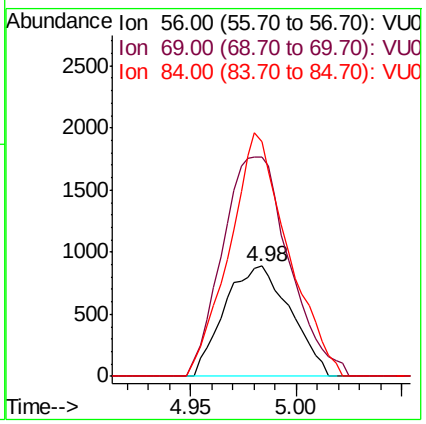


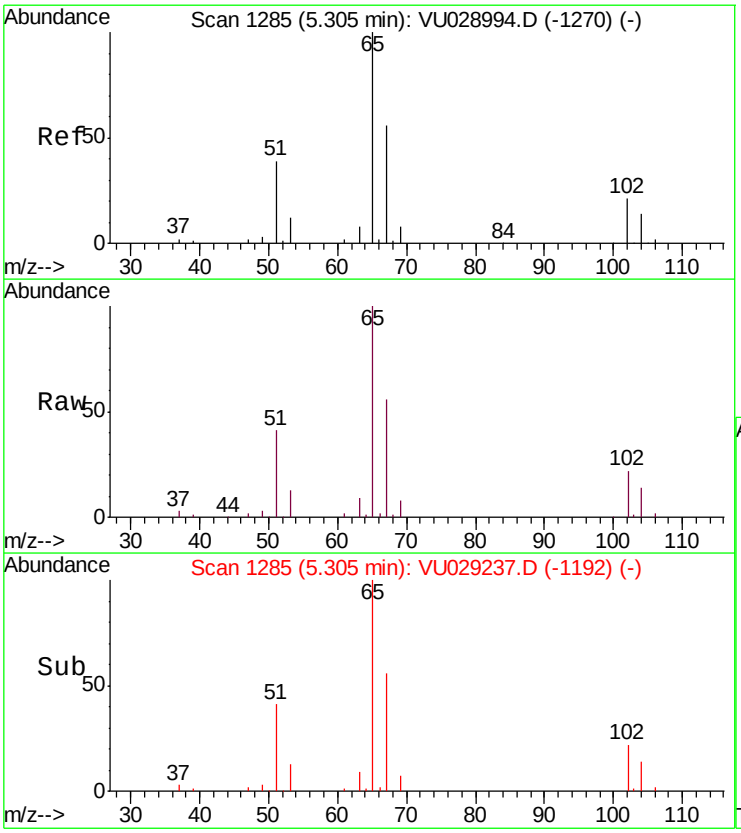
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion: 56 Resp: 1926

Ion	Ratio	Lower	Upper
56	100		
69	199.2	26.7	40.1#
84	213.3	65.7	98.5#

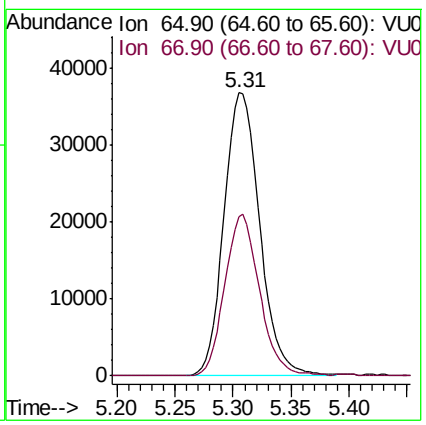


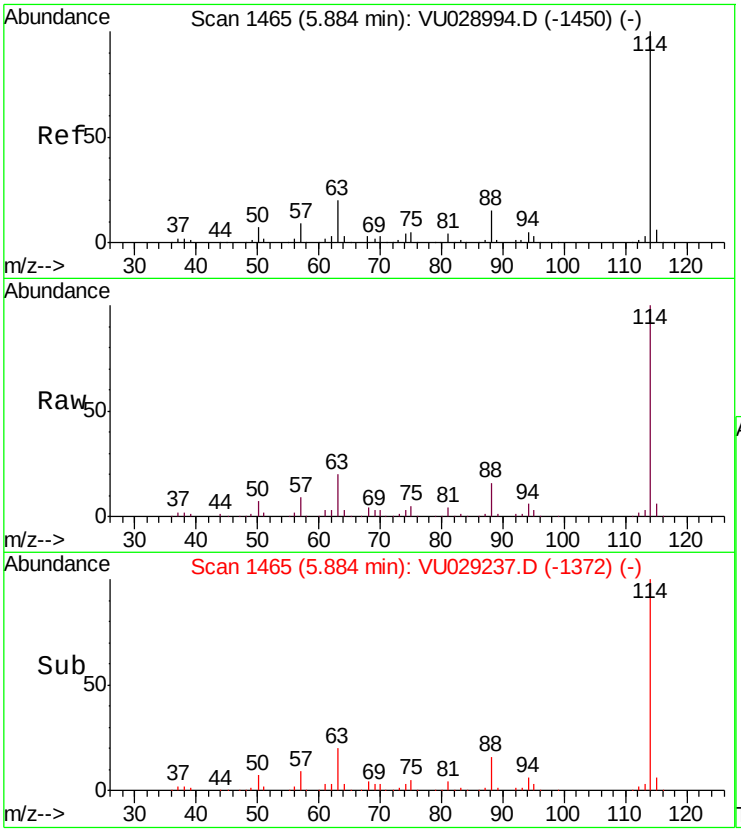


#33
1,2-Dichloroethane-d4
Concen: 54.040 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 65 Resp: 78730

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.0



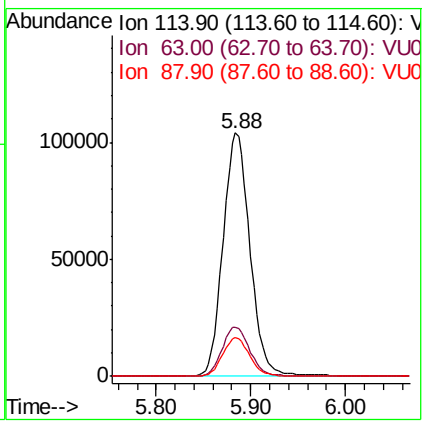


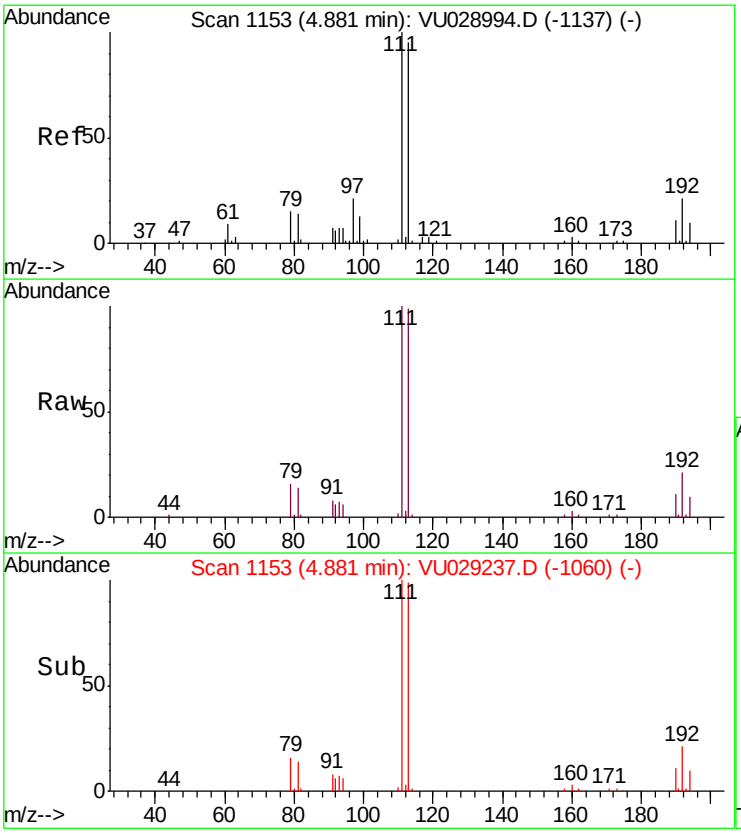
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
PB116506TB

Tgt Ion:114 Resp: 206045

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.2
88	15.8	0.0	30.4

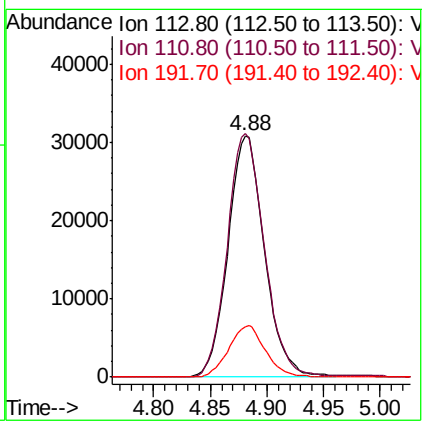


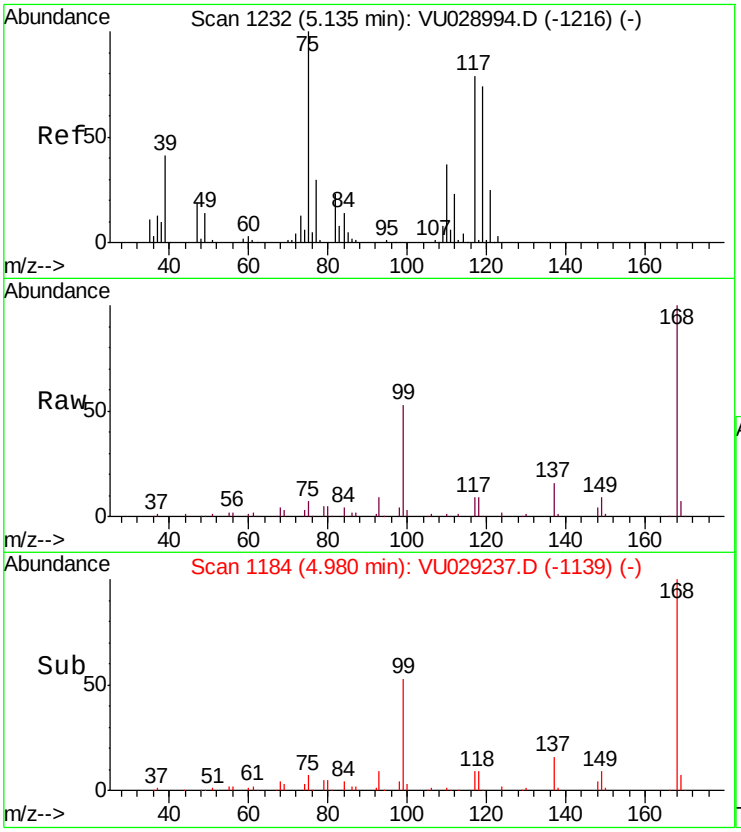


#35
Dibromofluoromethane
Concen: 51.878 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion:113 Resp: 69291

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.2
192	21.2	16.8	25.2



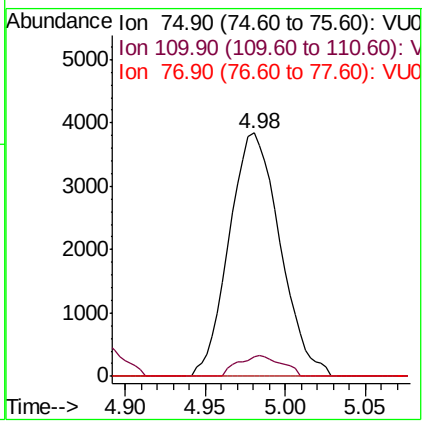


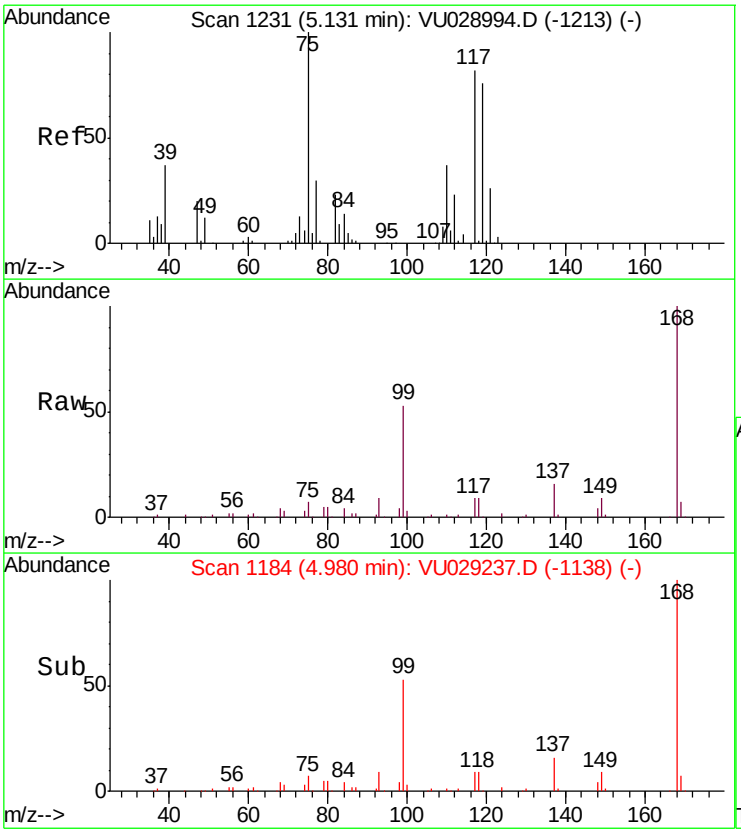
#36
1,1-Dichloropropene
Concen: 4.052 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
PB116506TB

Tgt Ion: 75 Resp: 8346

Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.4	55.4#
77	0.0	25.1	37.7#

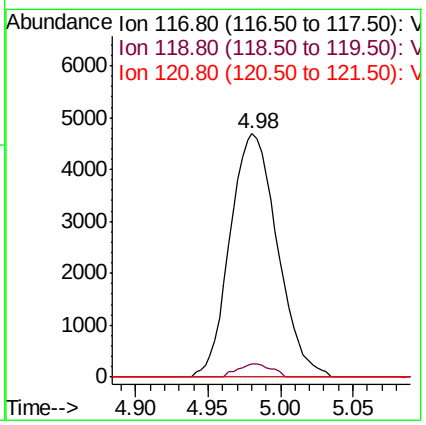


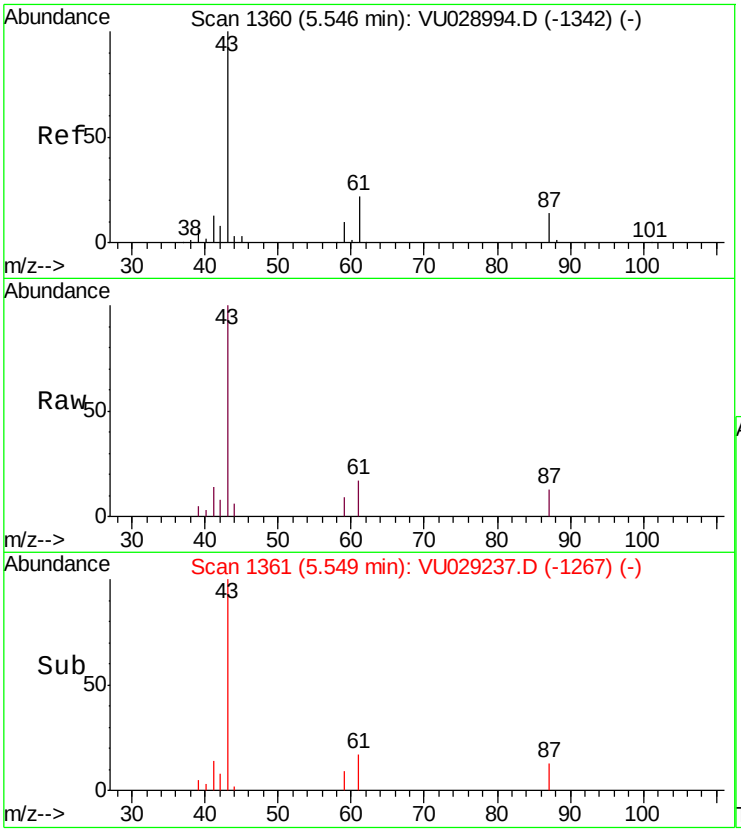


#38
Carbon Tetrachloride
Concen: 6.188 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion:117 Resp: 10629

Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.6	111.8#
121	0.0	25.0	37.6#



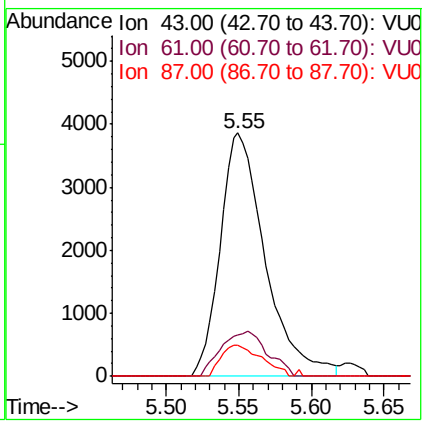


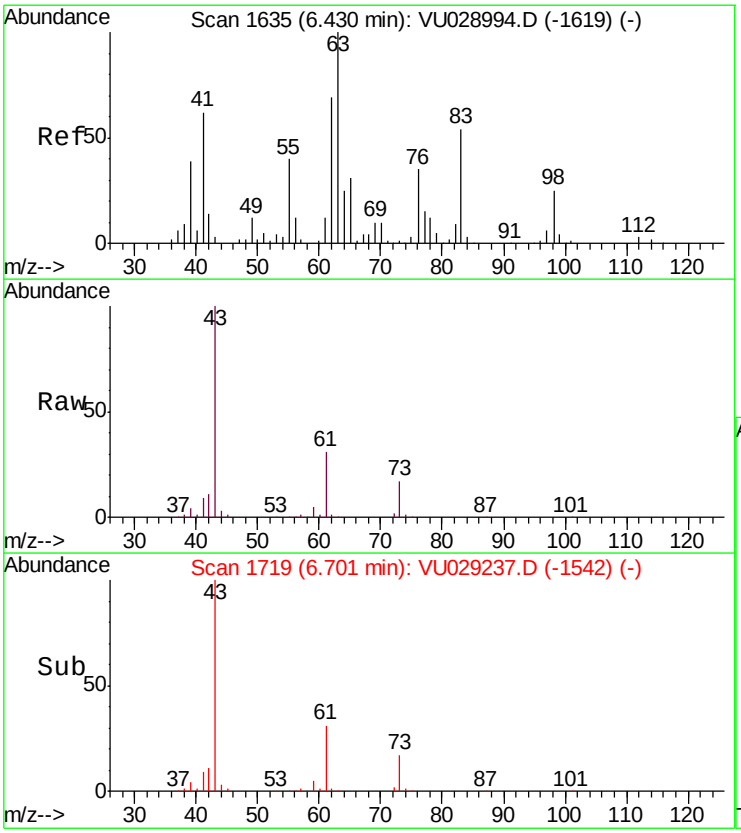
#43
Isopropyl Acetate
Concen: 2.396 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion: 43 Resp: 8310

Ion	Ratio	Lower	Upper
43	100		
61	19.0	17.8	26.6
87	11.4	11.3	16.9

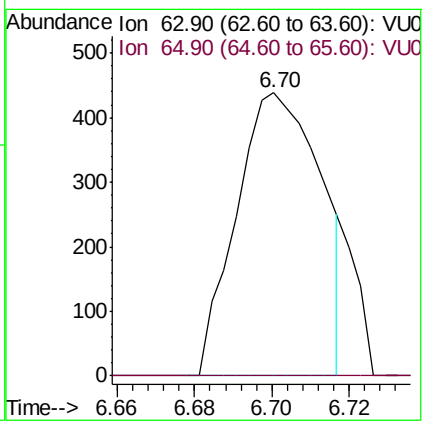


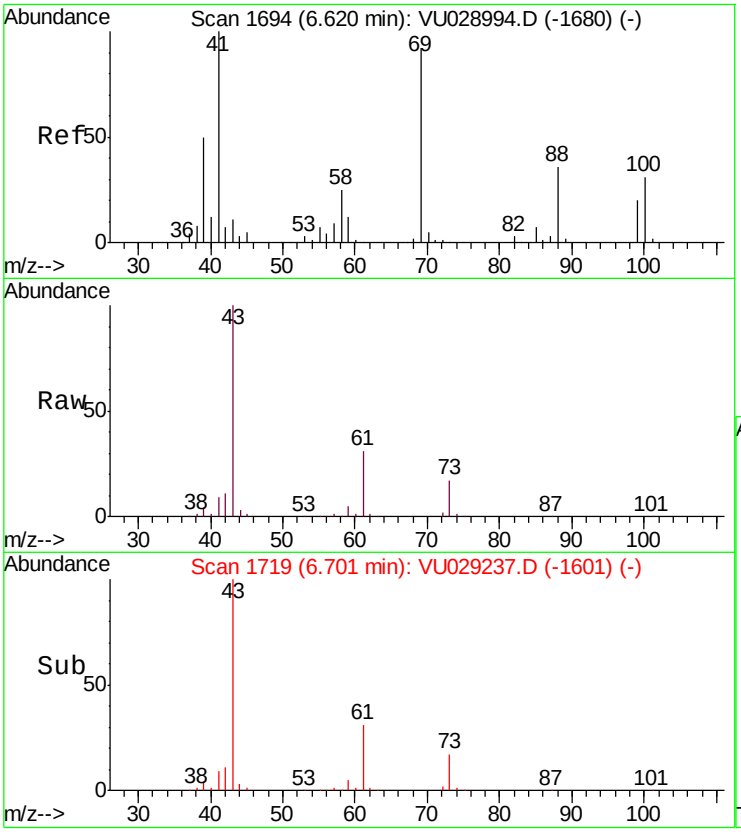


#45
1,2-Dichloropropane
Concen: 0.393 ug/l
RT: 6.70 min Scan# 1719
Delta R.T. 0.27 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 63 Resp: 667

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#



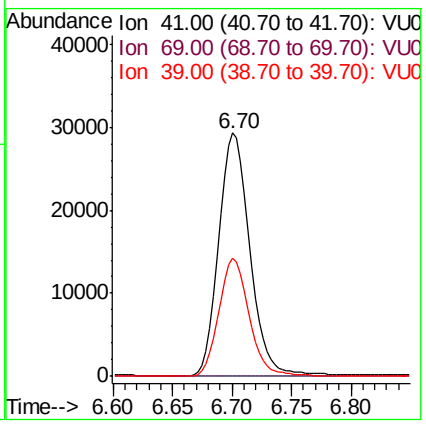


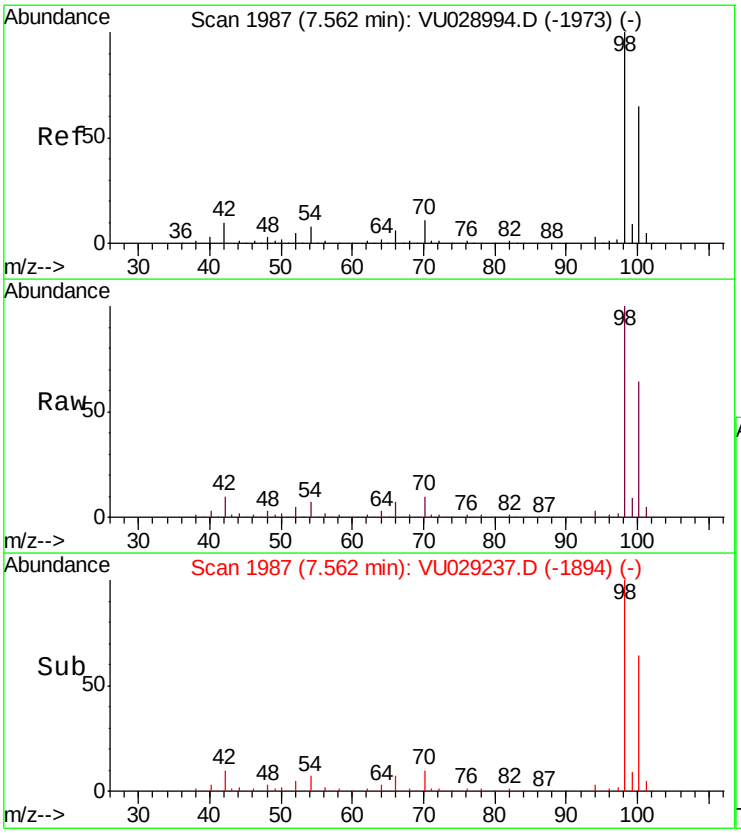
#48
Methyl methacrylate
Concen: 31.687 ug/l
RT: 6.70 min Scan# 1719
Delta R.T. 0.08 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion: 41 Resp: 53506

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.6	110.4#
39	46.8	39.6	59.4

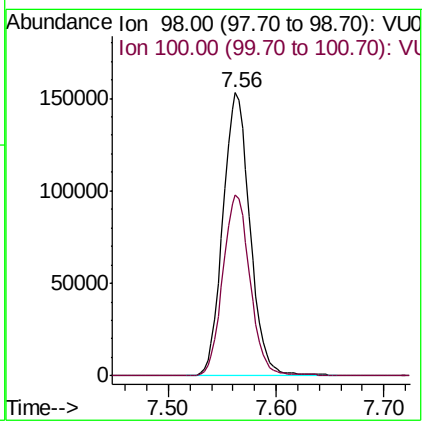


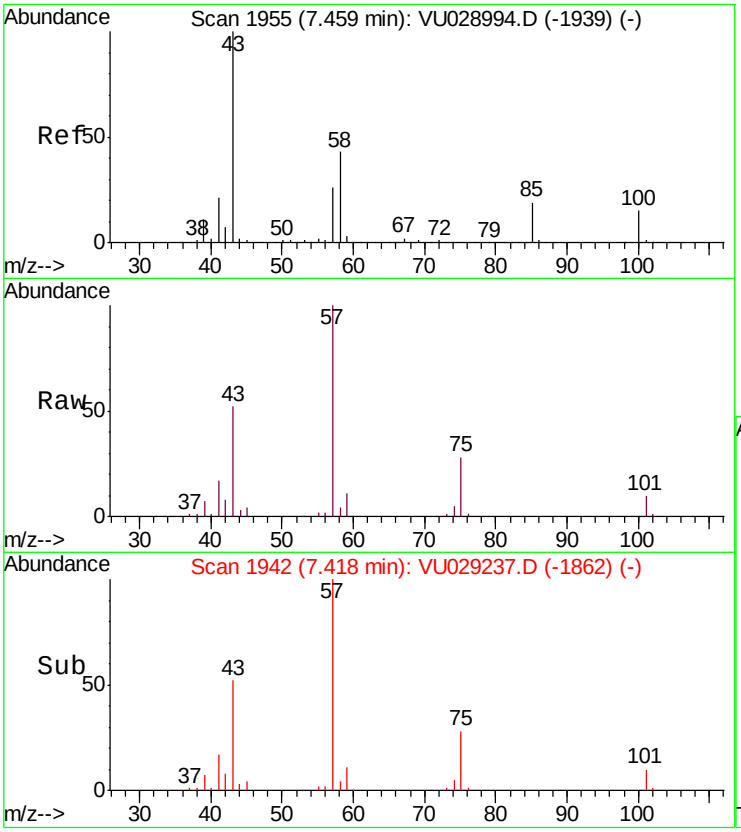


#50
Toluene-d8
Concen: 50.901 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 98 Resp: 268399

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4



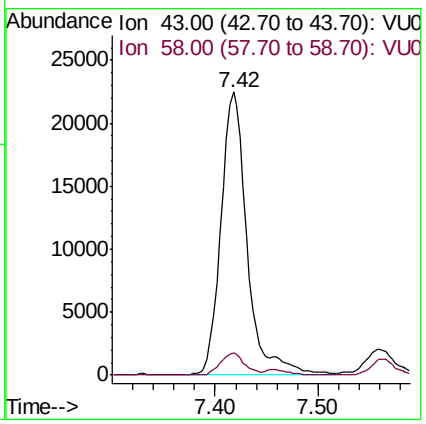


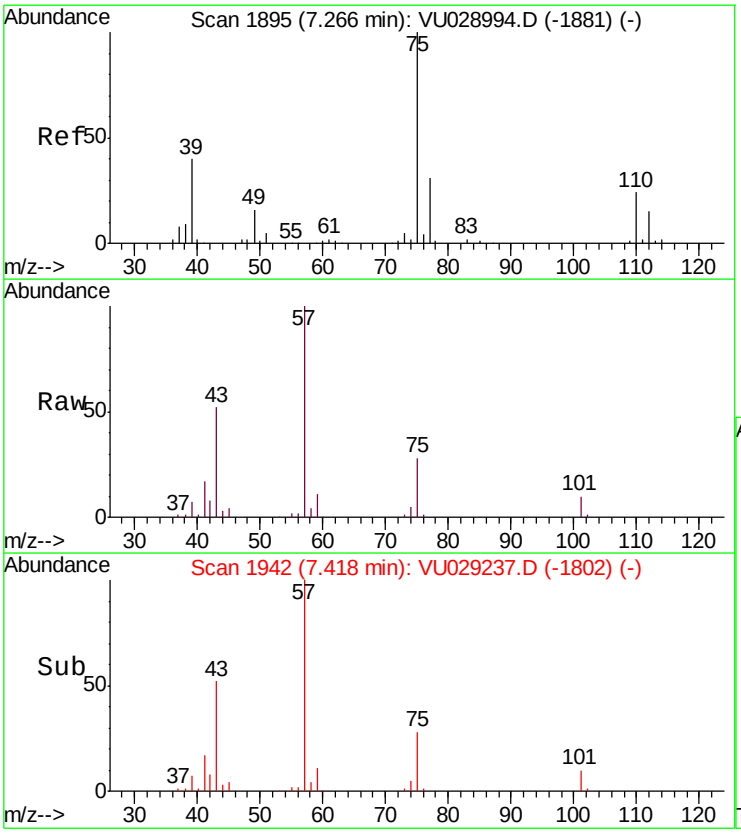
#51
4-Methyl-2-Pentanone
Concen: 16.900 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. -0.04 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
PB116506TB

Tgt Ion: 43 Resp: 39885

Ion	Ratio	Lower	Upper
43	100		
58	7.0	33.9	50.9#

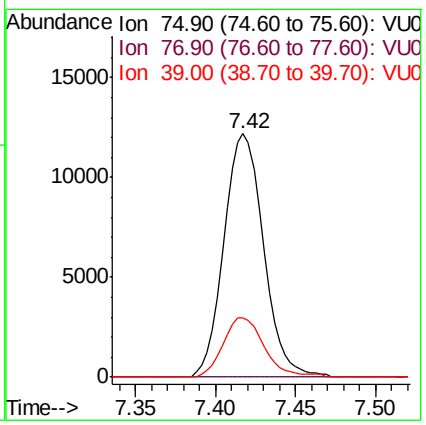


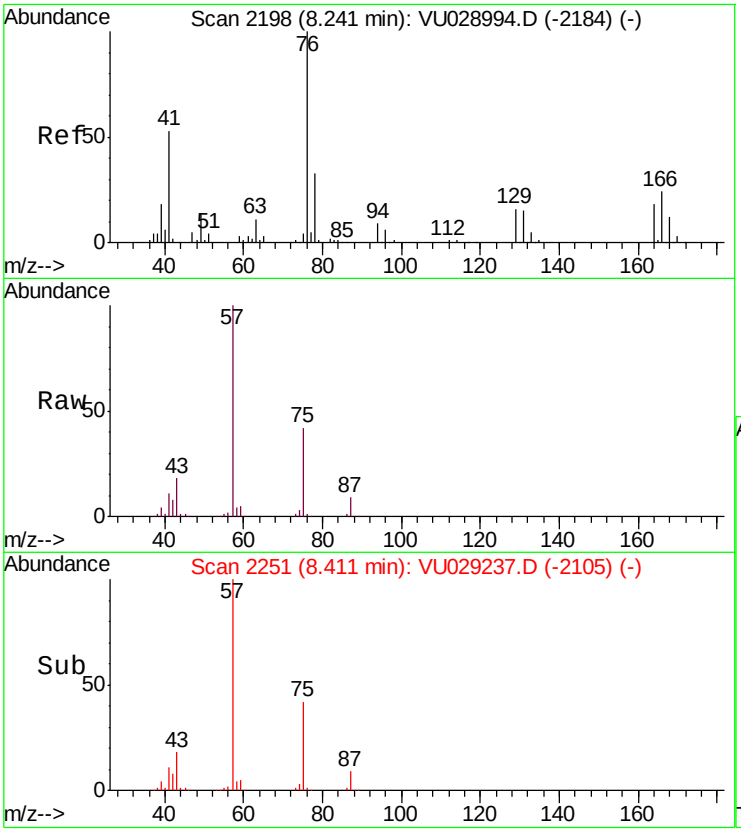


#54
cis-1,3-Dichloropropene
Concen: 7.929 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. 0.15 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 75 Resp: 20550

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	24.5	32.2	48.4#



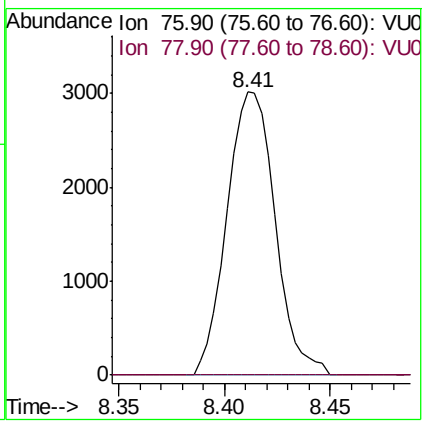


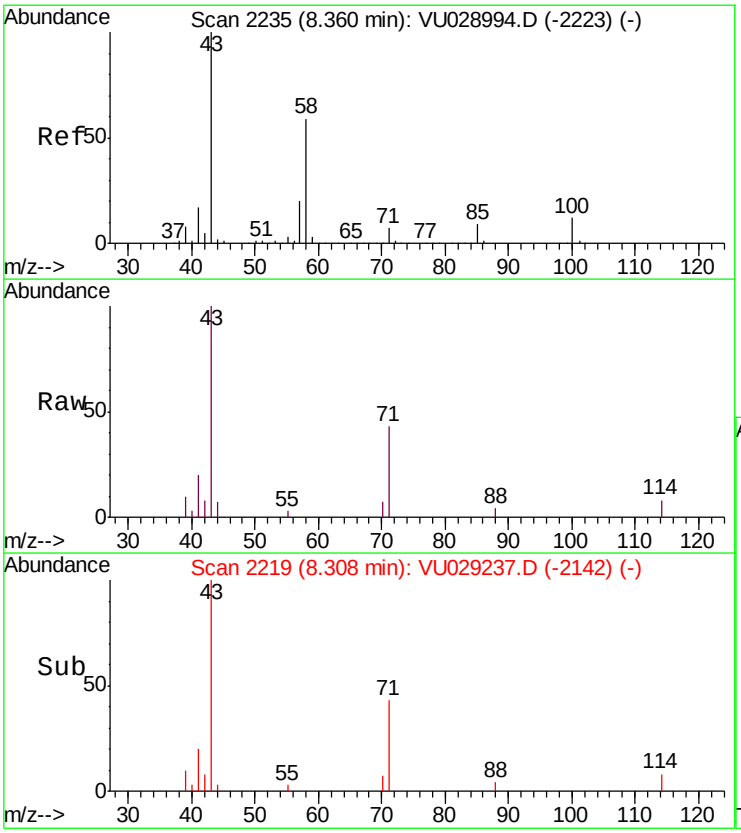
#57
1,3-Dichloropropane
Concen: 1.788 ug/l
RT: 8.41 min Scan# 2251
Delta R.T. 0.17 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion: 76 Resp: 4794

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

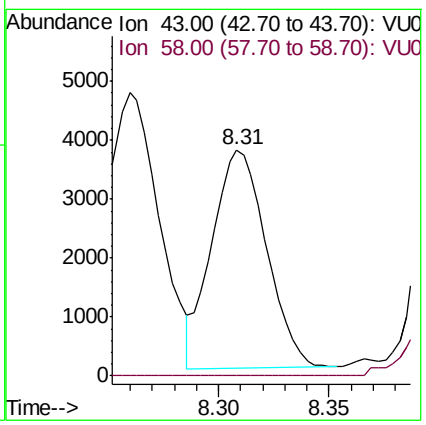


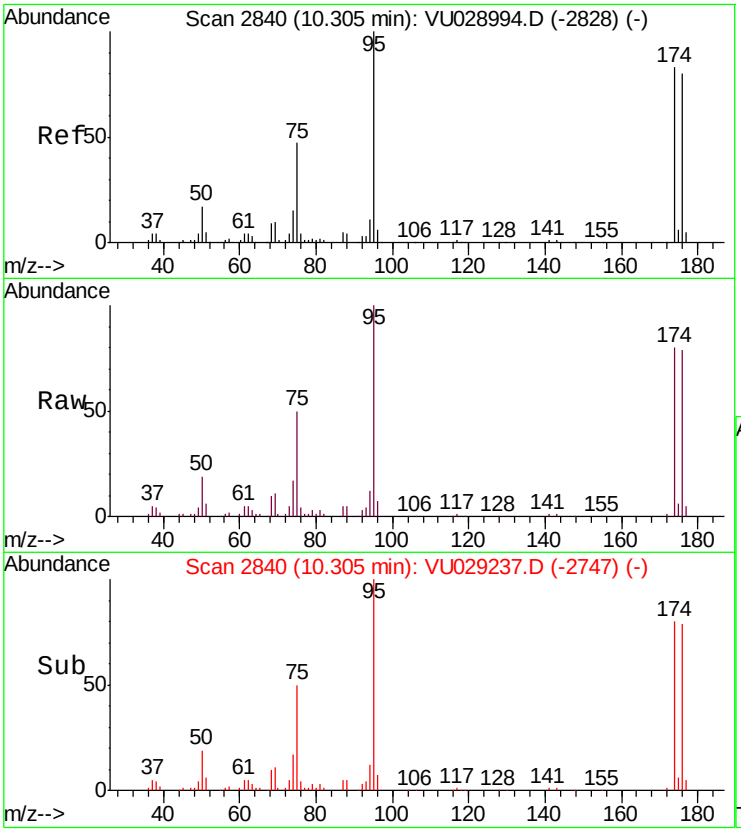


#59
2-Hexanone
Concen: 3.422 ug/l
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 43 Resp: 6340

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	89.4#



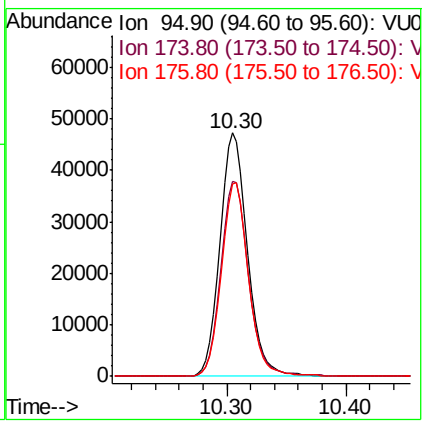


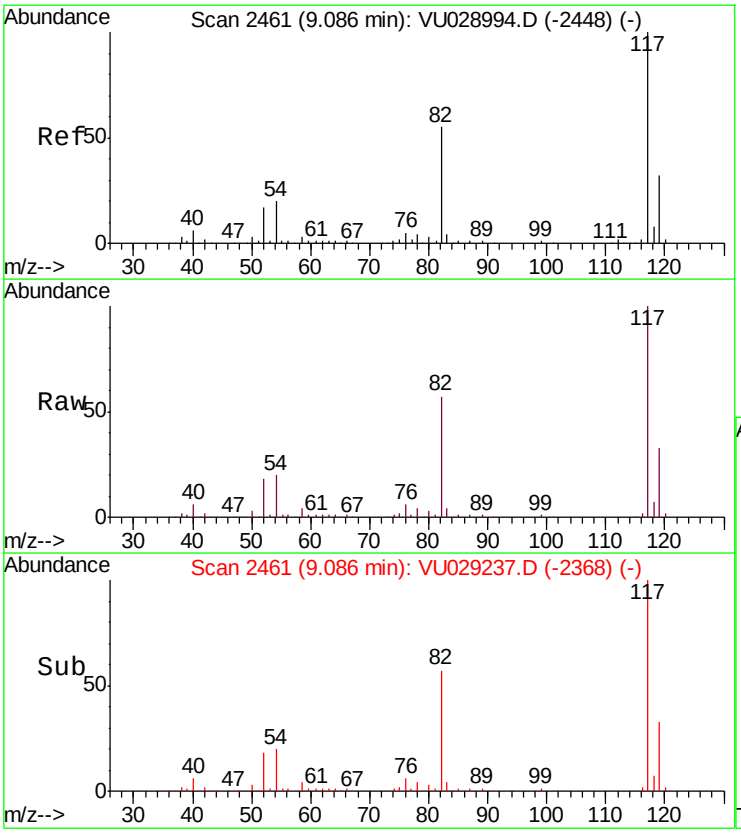
#62
4-Bromofluorobenzene
Concen: 39.933 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion: 95 Resp: 75674

Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	170.6
176	78.2	0.0	165.0

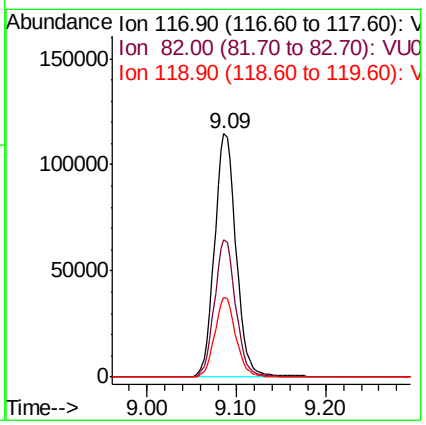


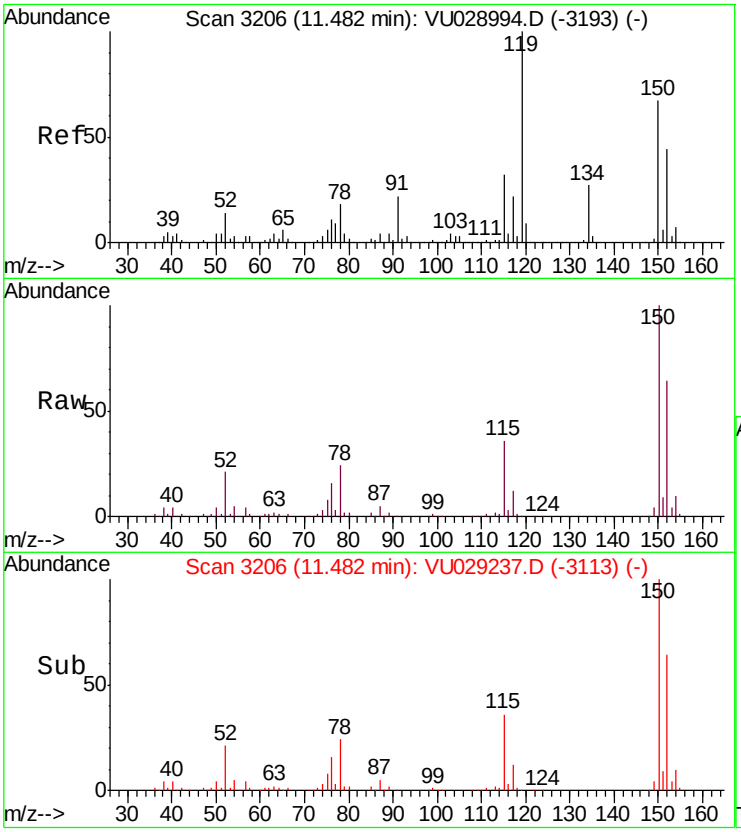


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion:117 Resp: 192408

Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.9	65.9
119	32.8	26.0	39.0



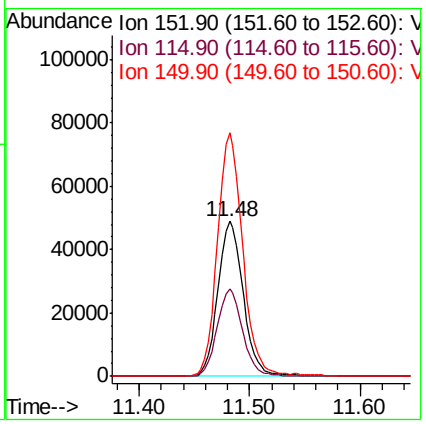


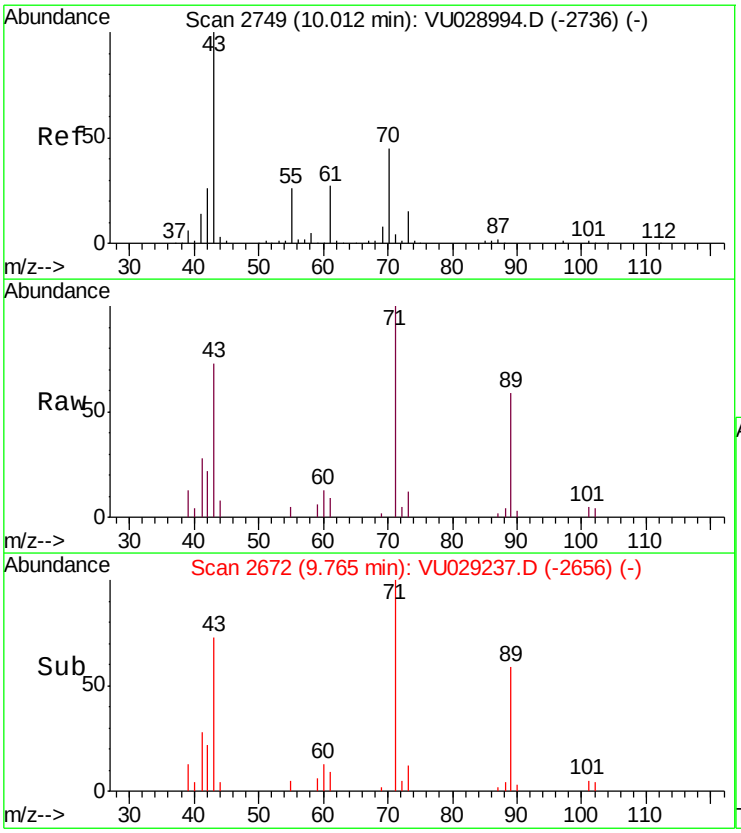
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion:152 Resp: 78171

Ion	Ratio	Lower	Upper
152	100		
115	56.5	40.1	120.3
150	156.4	0.0	345.2

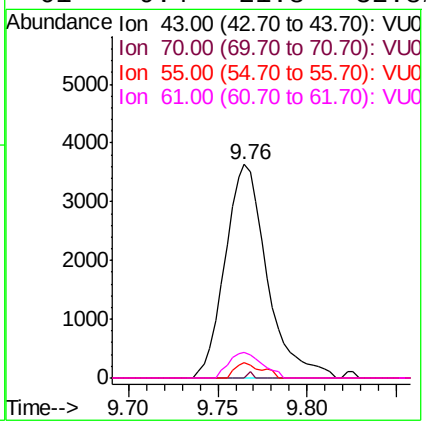


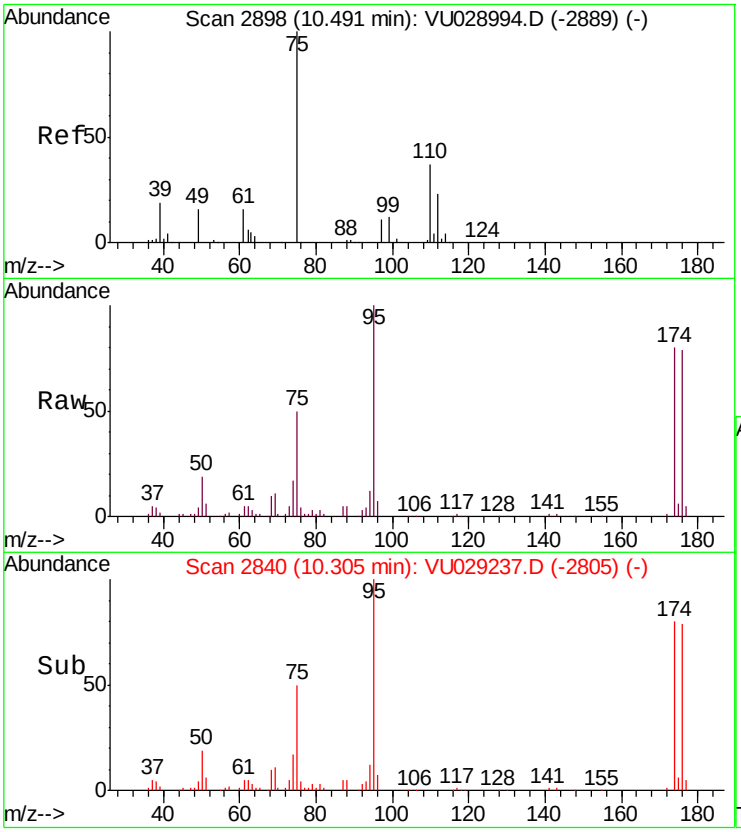


#74
N-amyl acetate
Concen: 2.384 ug/l
RT: 9.76 min Scan# 2672
Delta R.T. -0.25 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 43 Resp: 5944

Ion	Ratio	Lower	Upper
43	100		
70	0.3	36.3	54.5#
55	4.5	20.5	30.7#
61	9.4	21.8	32.8#



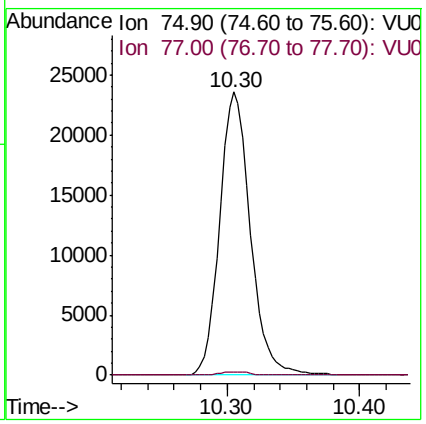


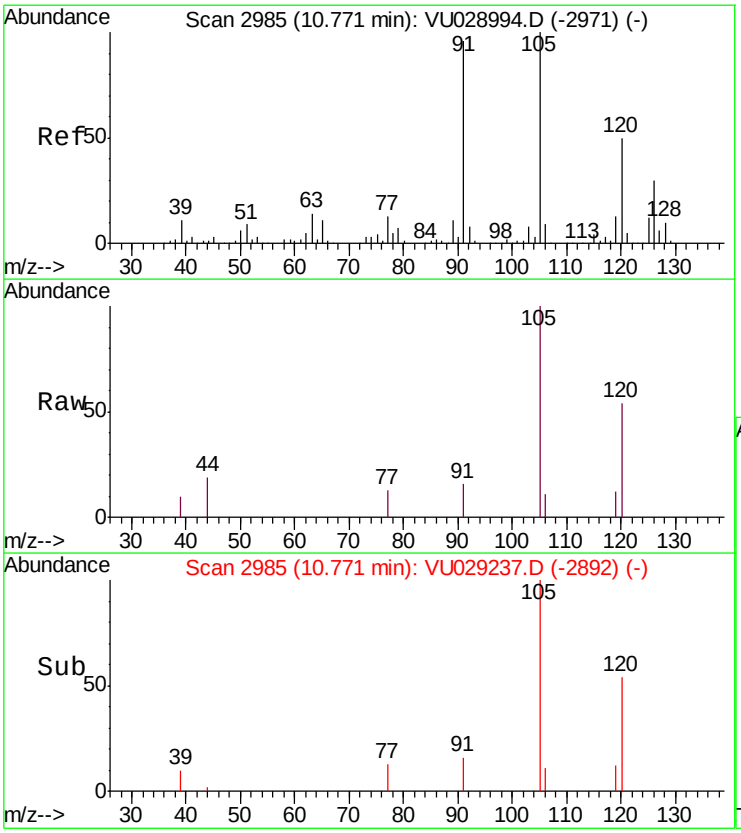
#76
1,2,3-Trichloropropane
Concen: 19.775 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
PB116506TB

Tgt Ion: 75 Resp: 37875

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.9	62.8#

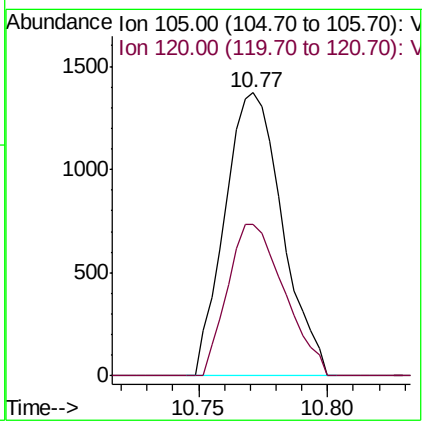


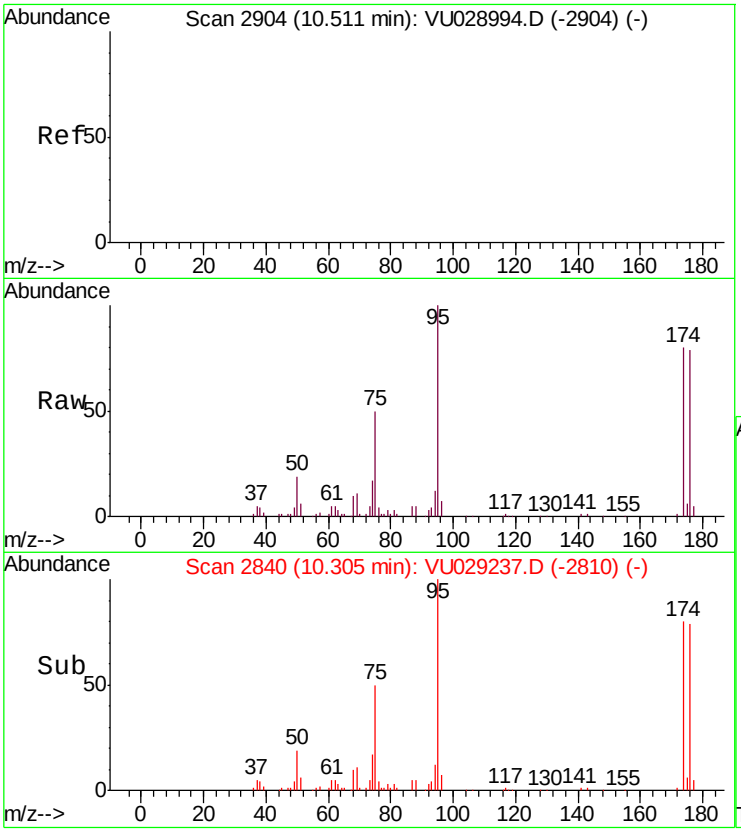


#80
1,3,5-Trimethylbenzene
Concen: 0.440 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion:105 Resp: 2128

Ion	Ratio	Lower	Upper
105	100		
120	52.9	24.8	74.4



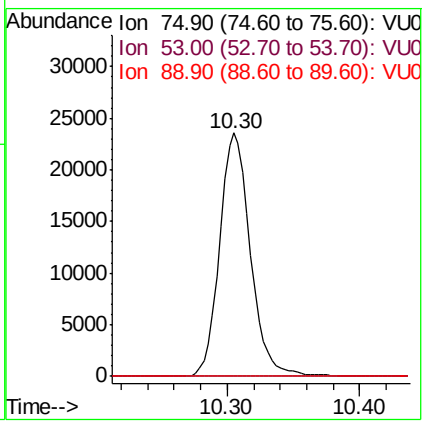


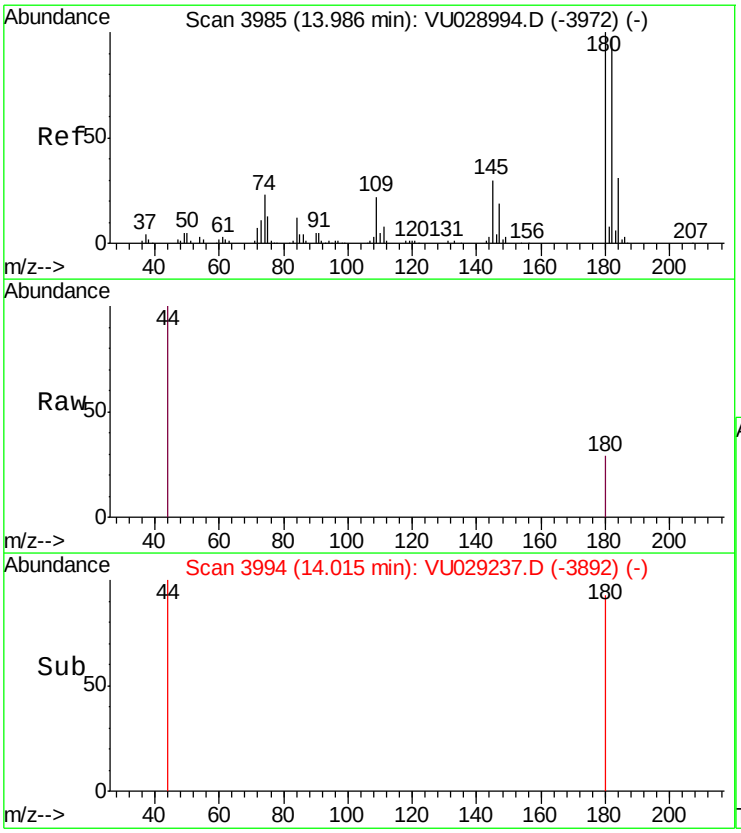
#81
trans-1,4-Dichloro-2-butene
Concen: 51.000 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Instrument : MSVOA_U
ClientSampleId : PB116506TB

Tgt Ion: 75 Resp: 37875

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





#96
1,2,3-Trichlorobenzene
Concen: 0.840 ug/l
RT: 14.02 min Scan# 3994
Delta R.T. 0.03 min
Lab File: VU029237.D
Acq: 21 Jan 2019 10:32

Tgt Ion:180 Resp: 120

Ion	Ratio	Lower	Upper
180	100		
182	57.5	48.1	144.3
145	0.0	14.8	44.4#