Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011619\
Data File : VU029211.D
Acq On : 16 Jan 2019 15:54
Operator : JC/SP
Sample : K1010-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OK-01-011519-A

Quant Time: Jan 17 01:00:36 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	110291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	196134	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76805	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.66%			
35) Dibromofluoromethane	4.88	113	66928	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.28%			
50) Toluene-d8	7.56	98	253682	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.08%			
62) 4-Bromofluorobenzene	10.30	95	82182	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.12%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	564	Below Cal	#	83
11) Tert butyl alcohol	2.83	59	224	0.646	ug/l #	73
14) Allyl chloride	2.70	41	1793	0.854	ug/l #	29
16) Acetone	2.32	43	7273	8.468	ug/l	100
18) Methyl Acetate	2.62	43	1447	0.725	ug/l #	87
20) Methylene Chloride	2.70	84	44773	30.703	ug/l	98
25) 2-Butanone	4.30	43	665	0.573	ug/l #	47
29) Tetrahydrofuran	4.67	42	298	0.424	ug/l #	35
31) Cyclohexane	4.99	56	1707	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8185	4.175	ug/l #	47
38) Carbon Tetrachloride	4.98	117	9977	6.102	ug/l #	17
43) Isopropyl Acetate	5.55	43	7225	2.189	ug/l #	97
45) 1,2-Dichloropropane	6.70	63	504	0.312	ug/l #	43
48) Methyl methacrylate	6.70	41	46070	28.662	ug/l #	37
51) 4-Methyl-2-Pentanone	7.42	43	35439	15.775	ug/l #	45
52) Toluene	7.64	92	85198	22.886	ug/l	98
53) t-1,3-Dichloropropene	7.63	75	740	0.324	ug/l #	1
54) cis-1,3-Dichloropropene	7.42	75	18590	7.535	ug/l #	62
57) 1,3-Dichloropropane	8.41	76	4231	1.658	ug/l #	42
59) 2-Hexanone	8.41	43	55847	31.669	ug/l #	49
68) m/p-Xylenes	9.38	106	757	0.282	ug/l	86
76) 1,2,3-Trichloropropane	10.30	75	38483	21.044	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	952	0.206	ug/l	90
81) trans-1,4-Dichloro-2-buten	10.30	75	38483	54.273	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1769	0.384	ug/l	92
85) sec-Butylbenzene	11.15	105	1769	0.322	ug/l #	57
95) Naphthalene	13.75	128	5472	0.947	ug/l #	90

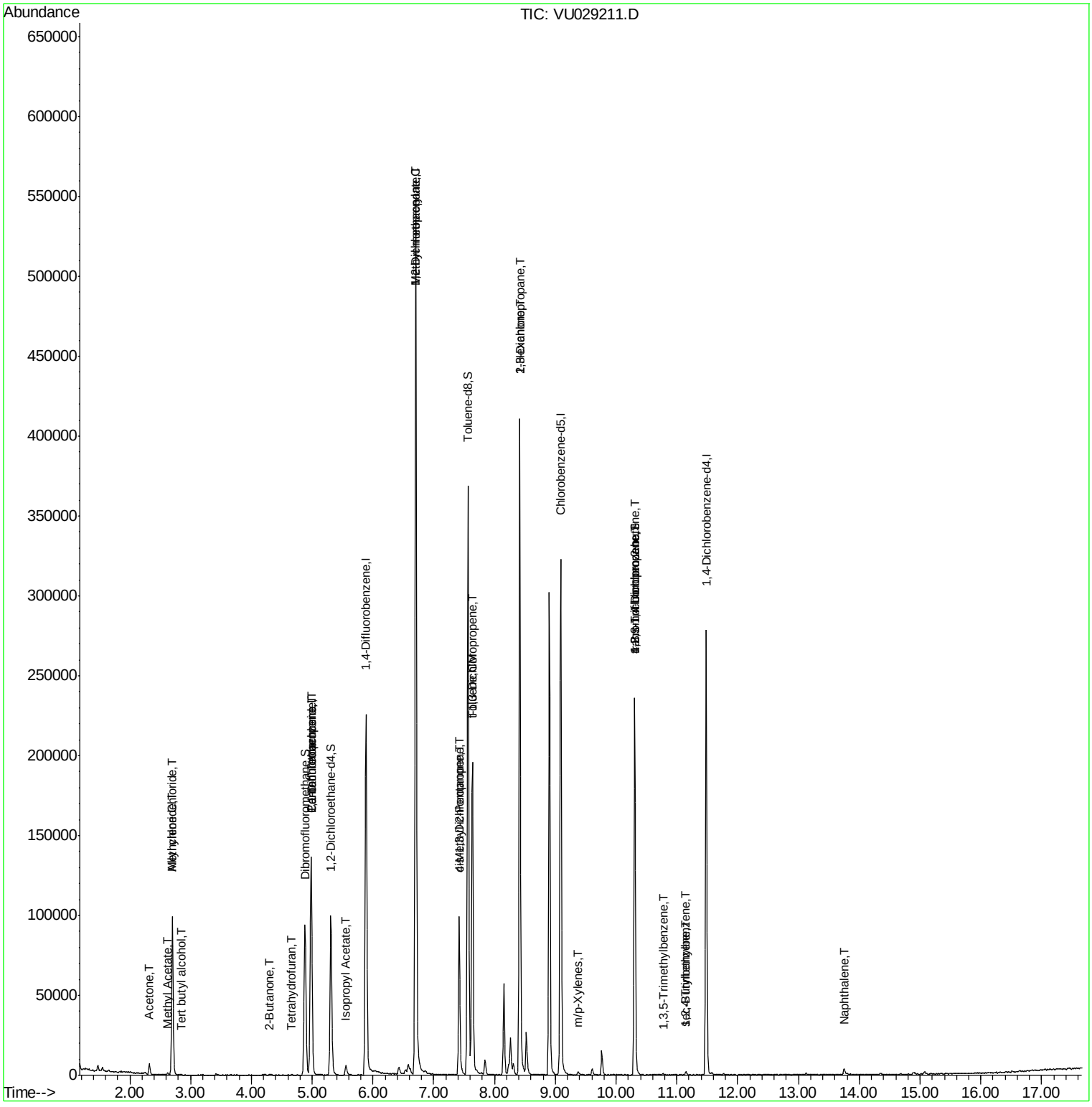
(#) = qualifier out of range (m) = manual integration (+) = signals summed

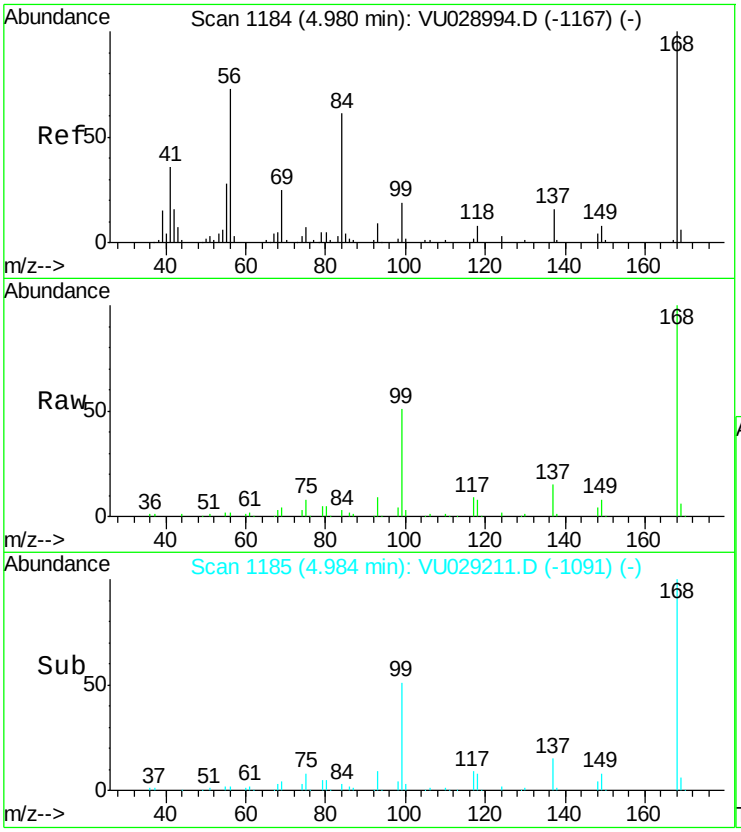
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011619\
Data File : VU029211.D
Acq On : 16 Jan 2019 15:54
Operator : JC/SP
Sample : K1010-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Quant Time: Jan 17 01:00:36 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



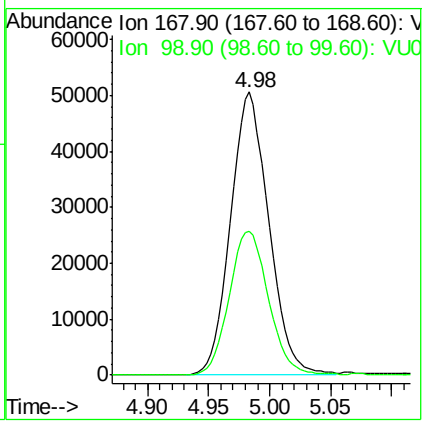


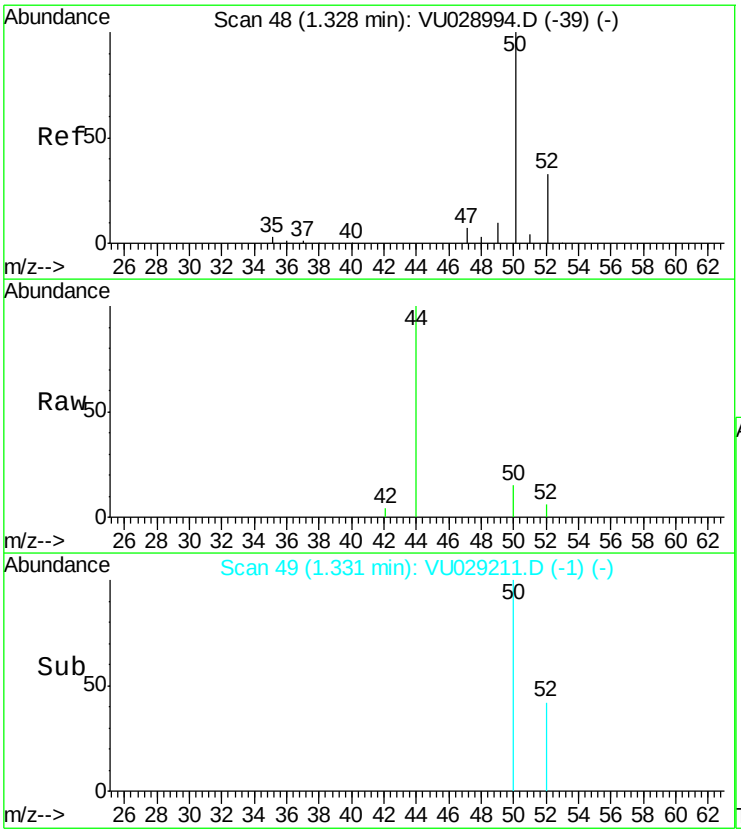
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion:168 Resp: 110291

Ion	Ratio	Lower	Upper
168	100		
99	50.7	42.0	63.0

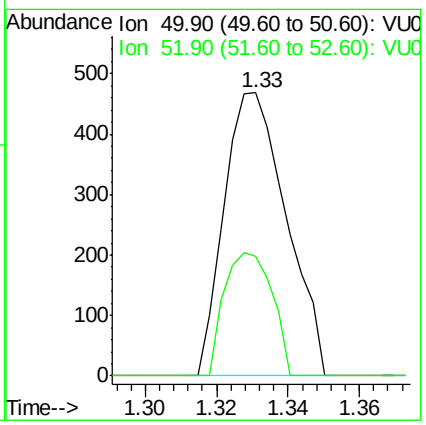


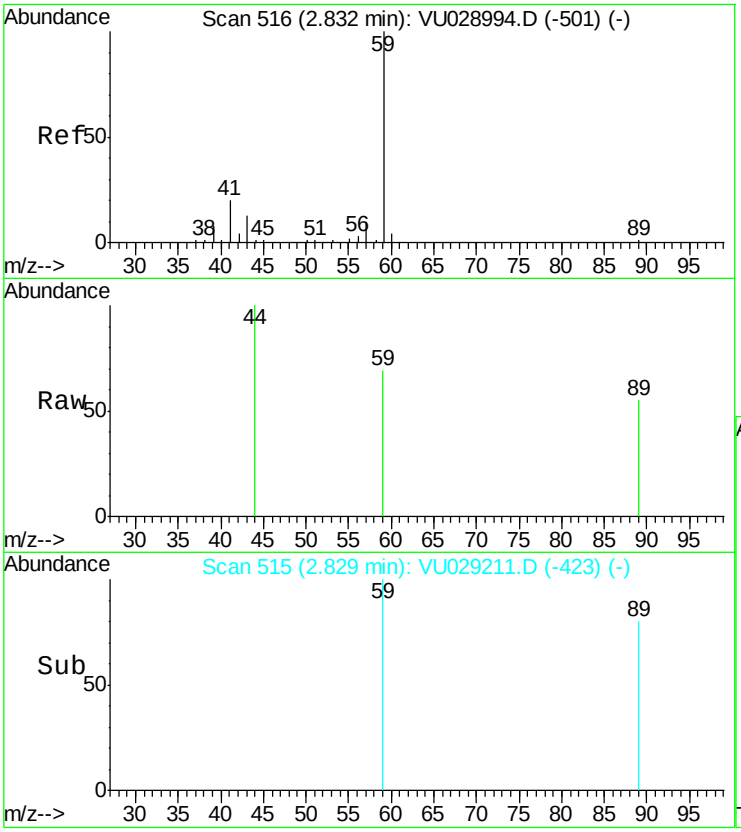


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 50 Resp: 564

Ion	Ratio	Lower	Upper
50	100		
52	42.3	26.1	39.1#



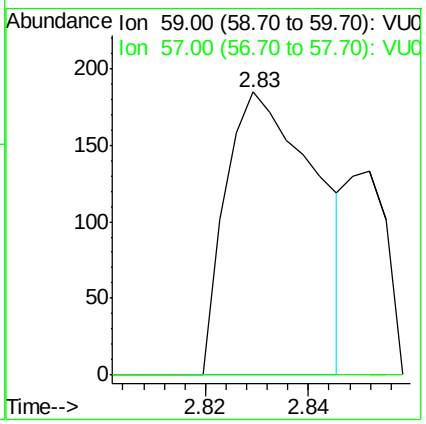


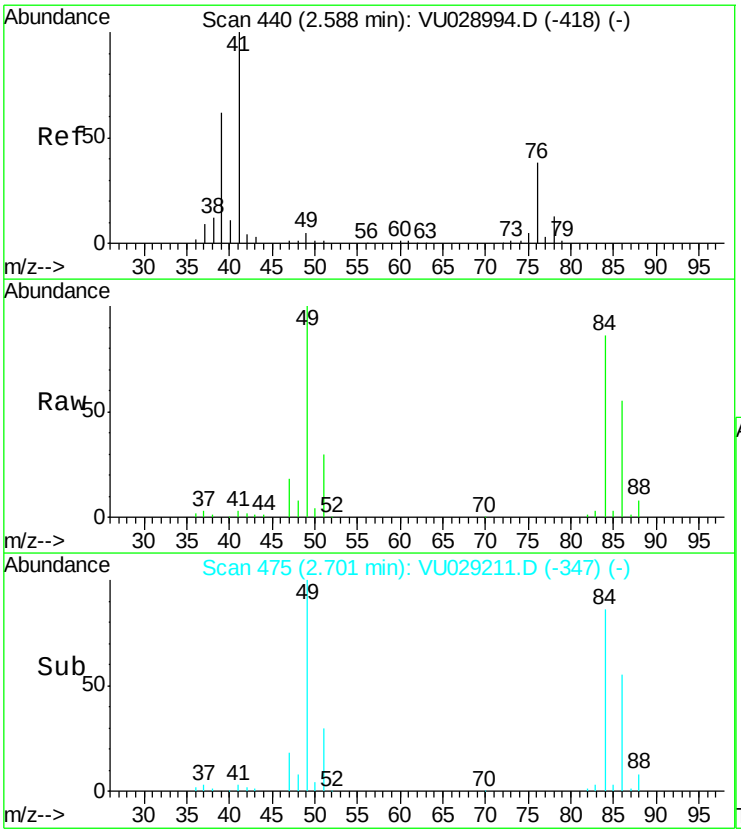
#11
Tert butyl alcohol
Concen: 0.646 ug/l
RT: 2.83 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument : MSVOA_U
ClientSampleId : OK-01-011519-A

Tgt Ion: 59 Resp: 224

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

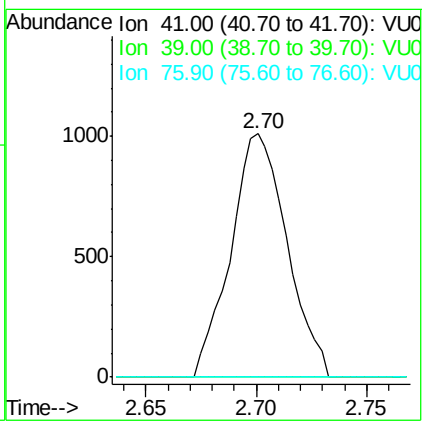


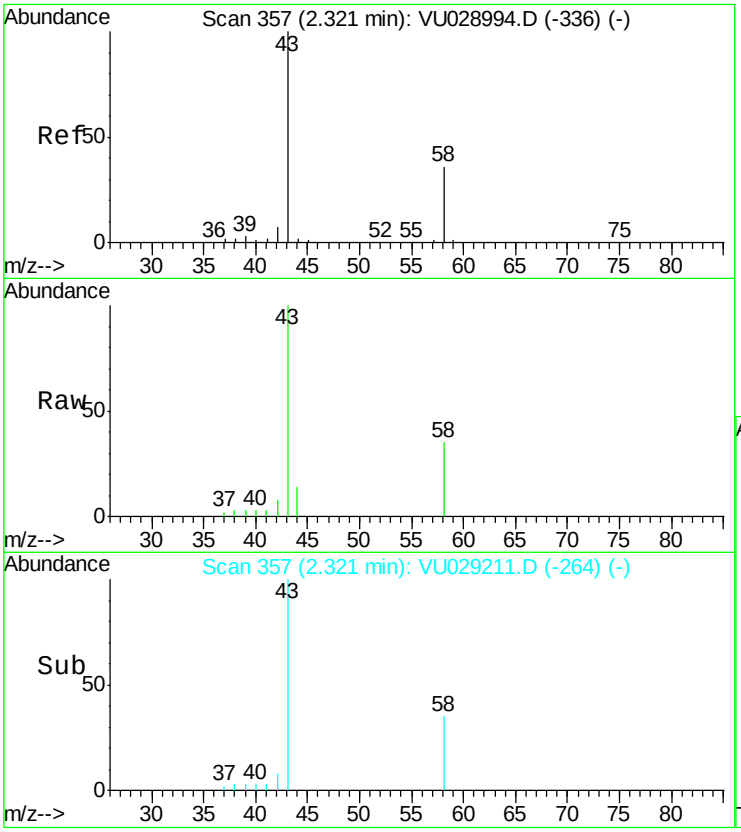


#14
Allyl chloride
Concen: 0.854 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.11 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 41 Resp: 1793

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.0	67.6#
76	0.0	28.1	42.1#



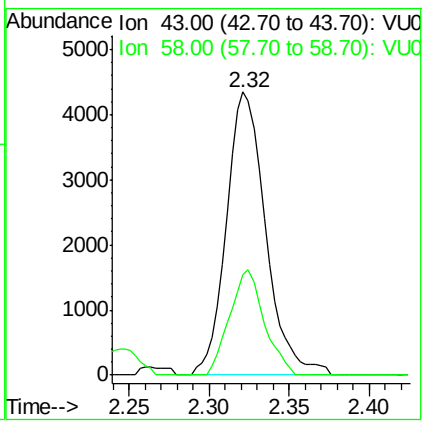


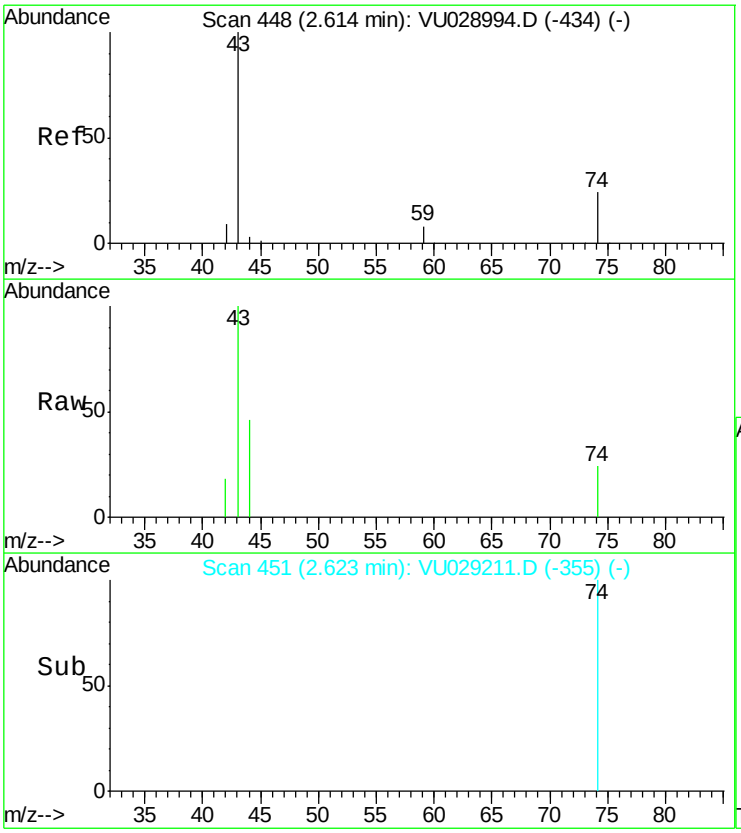
#16
Acetone
Concen: 8.468 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion: 43 Resp: 7273

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.6	42.8

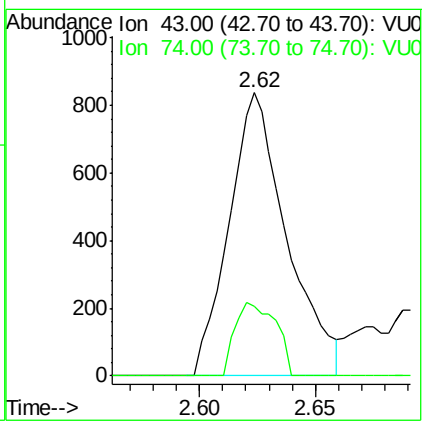


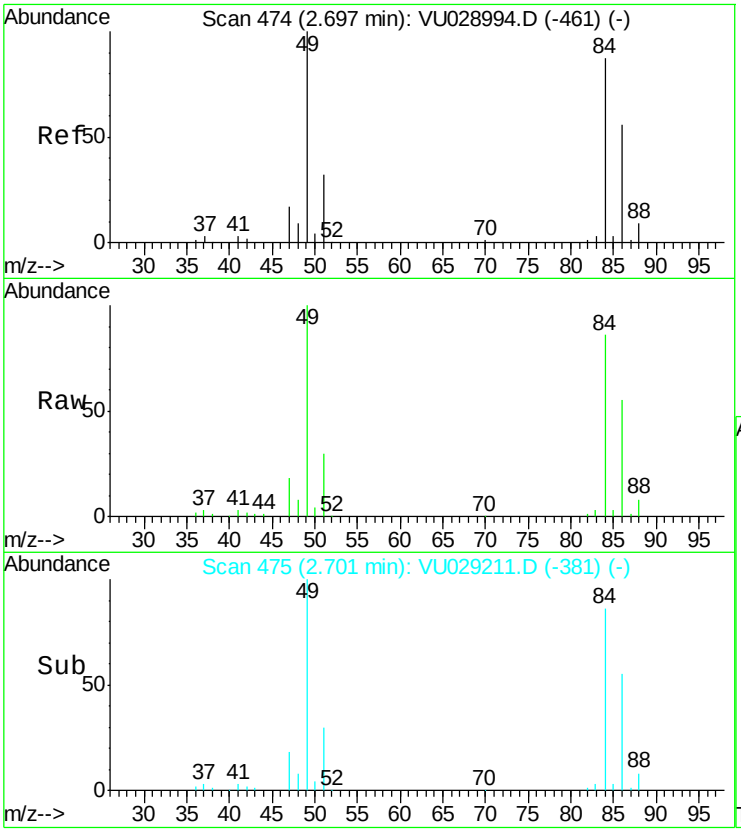


#18
Methyl Acetate
Concen: 0.725 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 43 Resp: 1447

Ion	Ratio	Lower	Upper
43	100		
74	18.2	19.5	29.3#



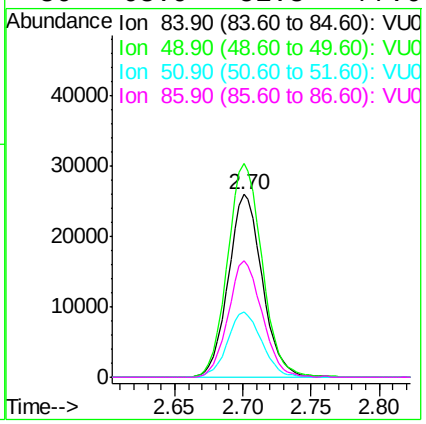


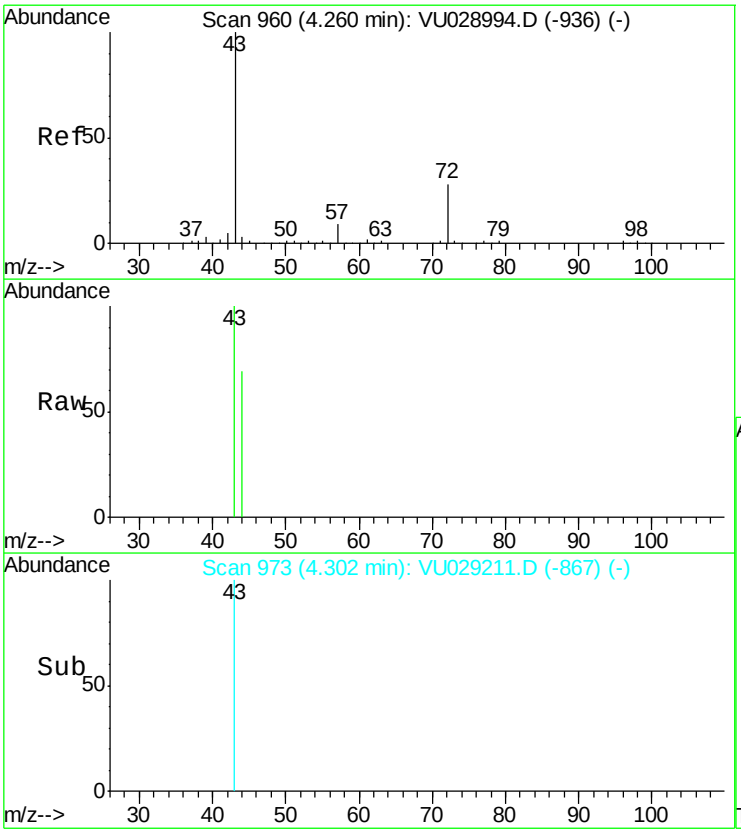
#20
Methylene Chloride
Concen: 30.703 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument : MSVOA_U
ClientSampleId : OK-01-011519-A

Tgt Ion: 84 Resp: 44773

Ion	Ratio	Lower	Upper
84	100		
49	116.9	91.9	137.9
51	35.4	29.2	43.8
86	63.9	51.8	77.6

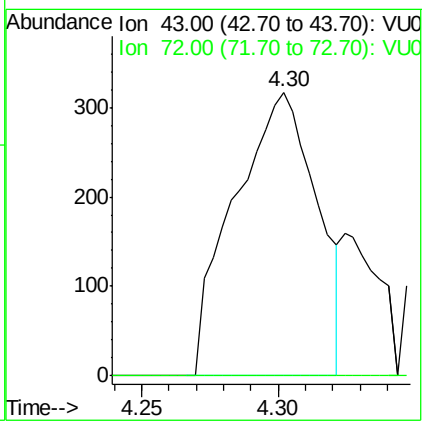


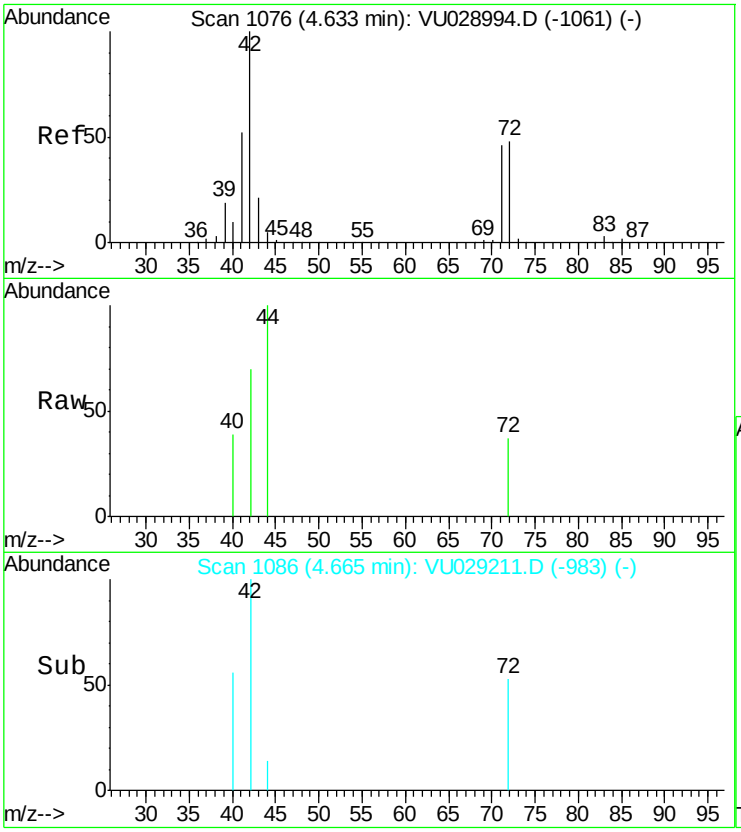


#25
2-Butanone
Concen: 0.573 ug/l
RT: 4.30 min Scan# 973
Delta R.T. 0.04 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 43 Resp: 665

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	33.8#



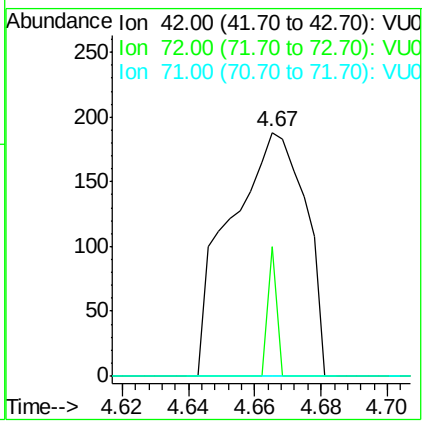


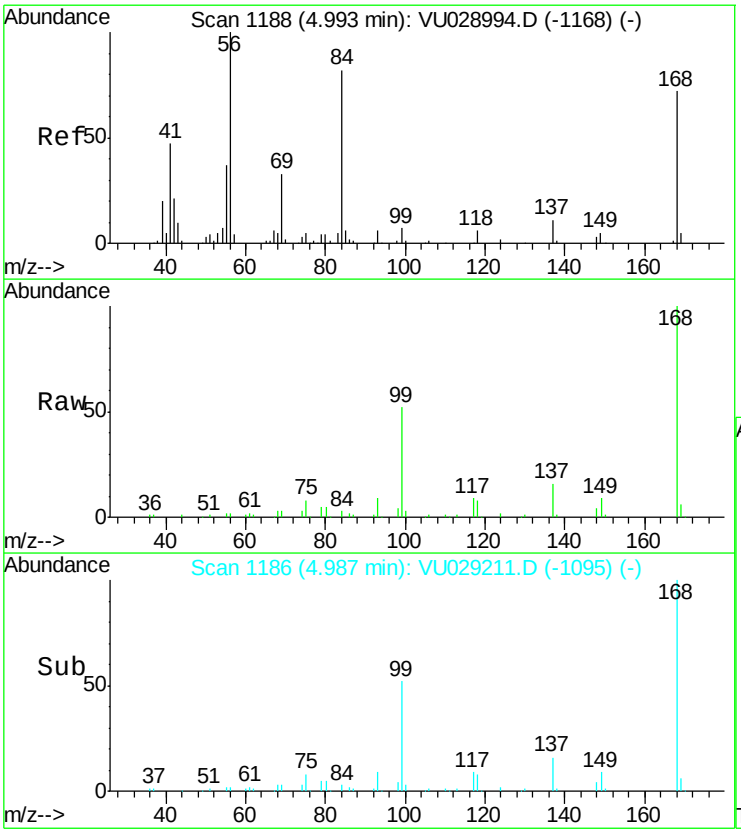
#29
Tetrahydrofuran
Concen: 0.424 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.03 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument : MSVOA_U
ClientSampleId : OK-01-011519-A

Tgt Ion: 42 Resp: 298

Ion	Ratio	Lower	Upper
42	100		
72	6.4	38.3	57.5#
71	0.0	36.1	54.1#

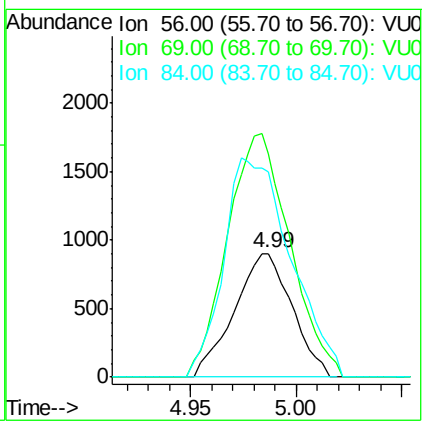


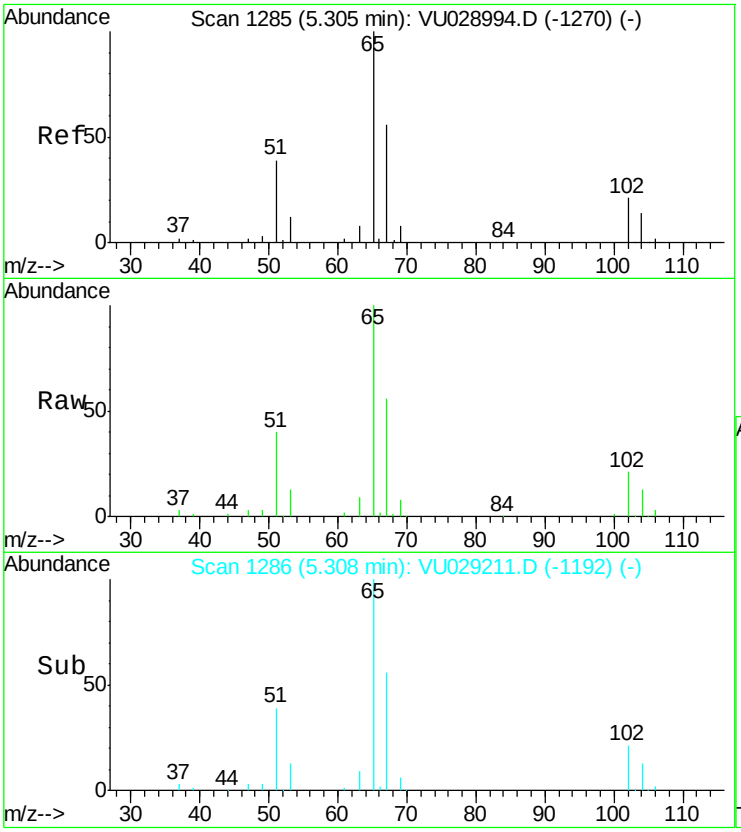


#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 56 Resp: 1707

Ion	Ratio	Lower	Upper
56	100		
69	180.7	26.7	40.1#
84	166.1	65.7	98.5#



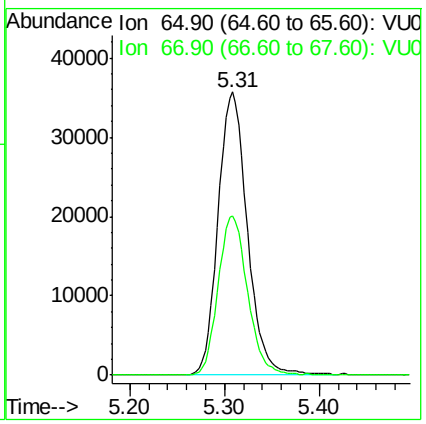


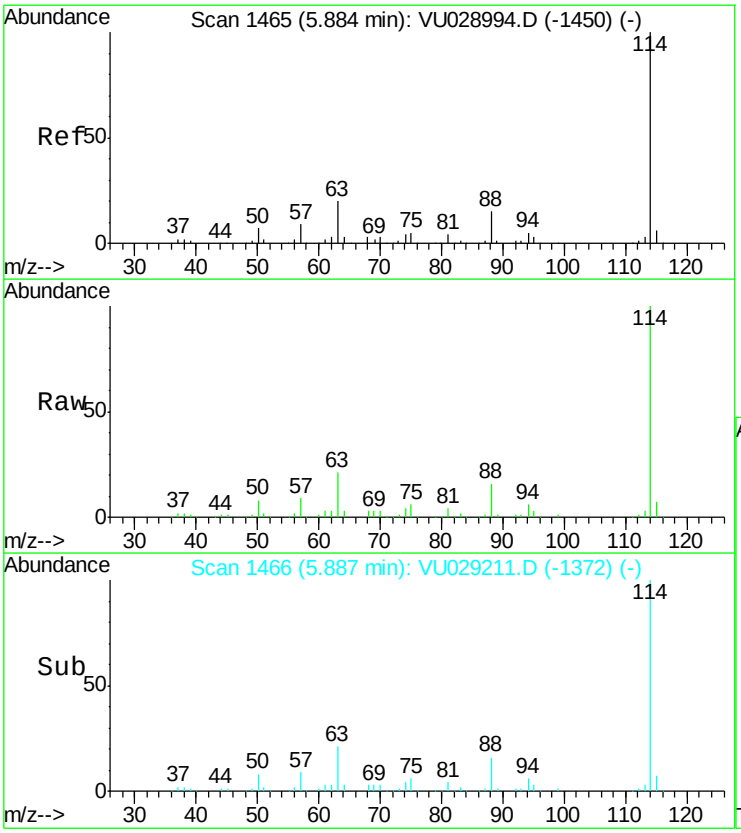
#33
1,2-Dichloroethane-d4
Concen: 56.333 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion: 65 Resp: 76805

Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	111.0

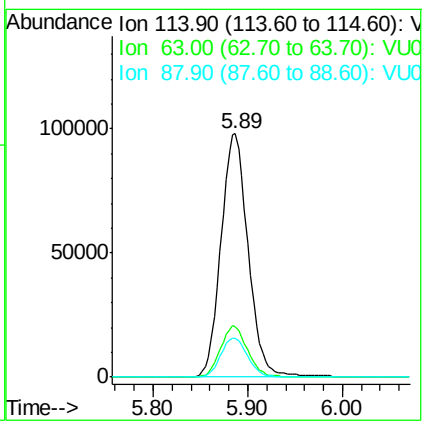


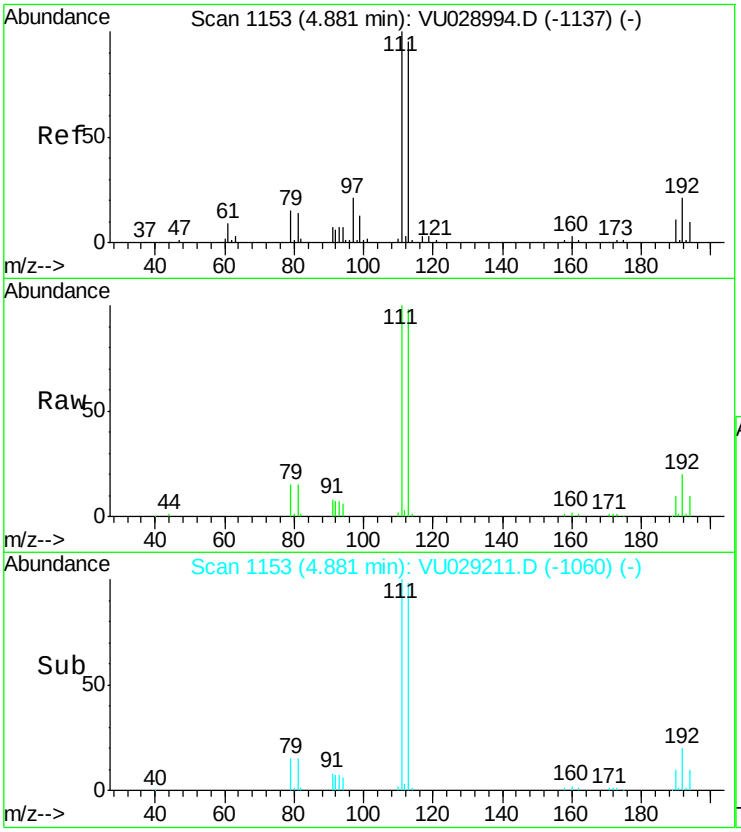


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion:114 Resp: 196134

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.2
88	15.9	0.0	30.4



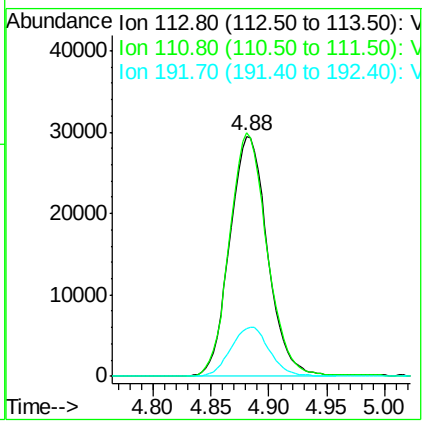


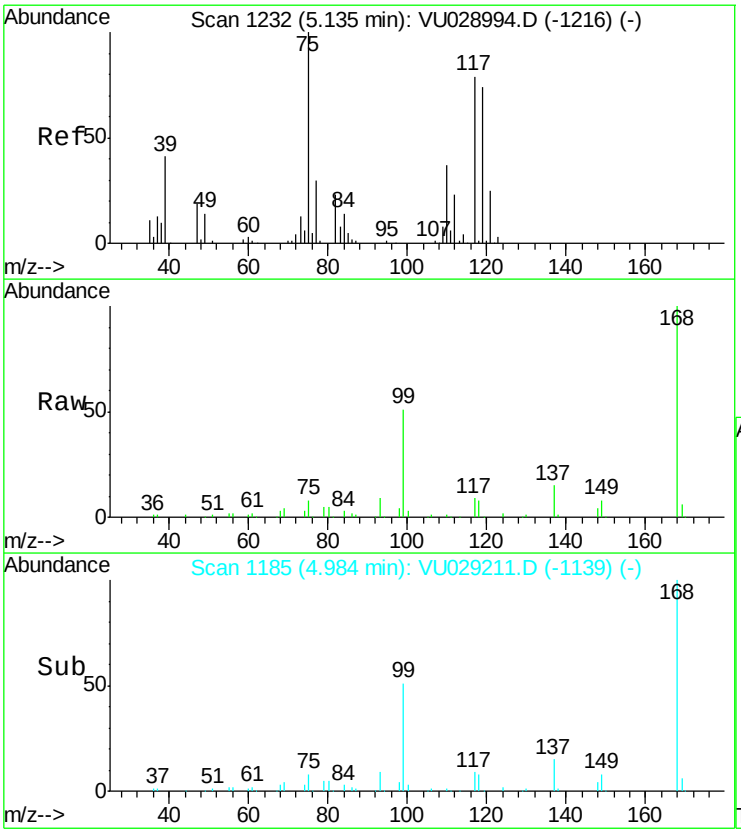
#35
Dibromofluoromethane
Concen: 52.641 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion:113 Resp: 66928

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.4	122.2
192	20.9	16.8	25.2

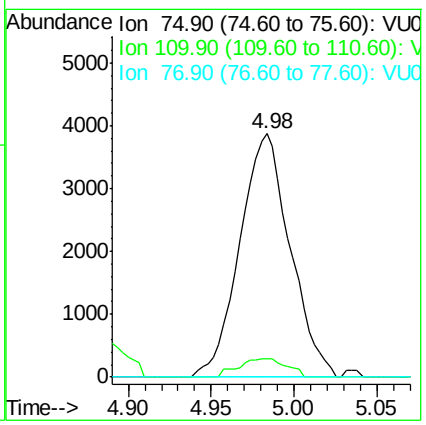


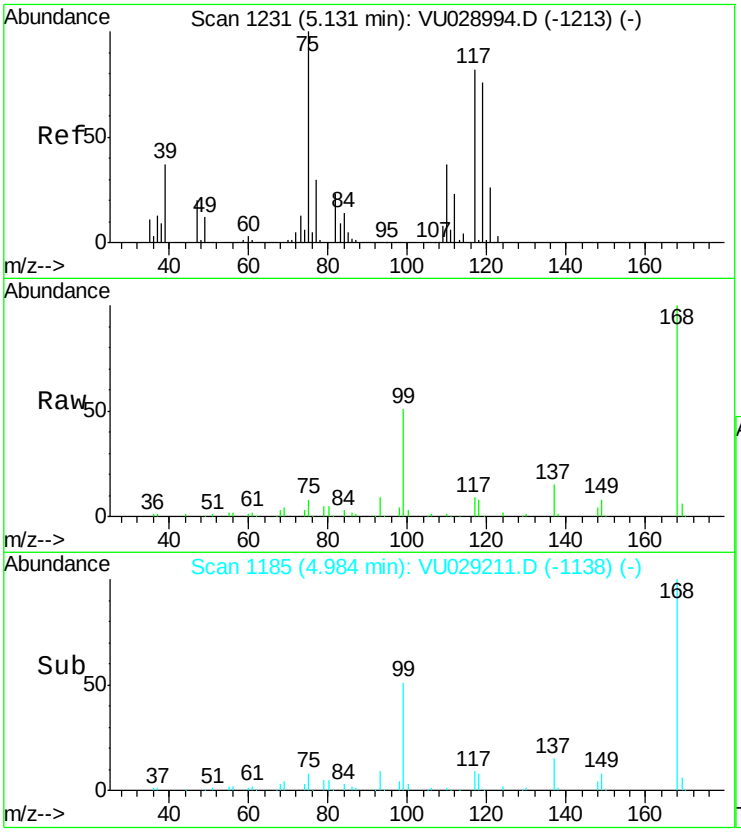


#36
1,1-Dichloropropene
Concen: 4.175 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 75 Resp: 8185

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



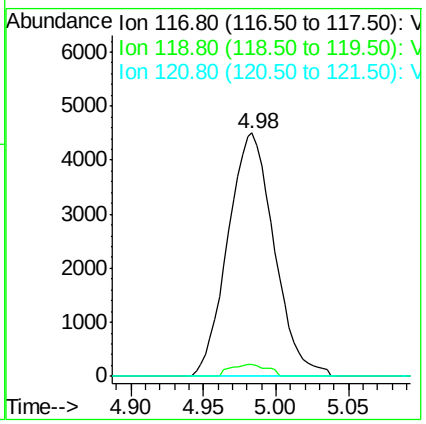


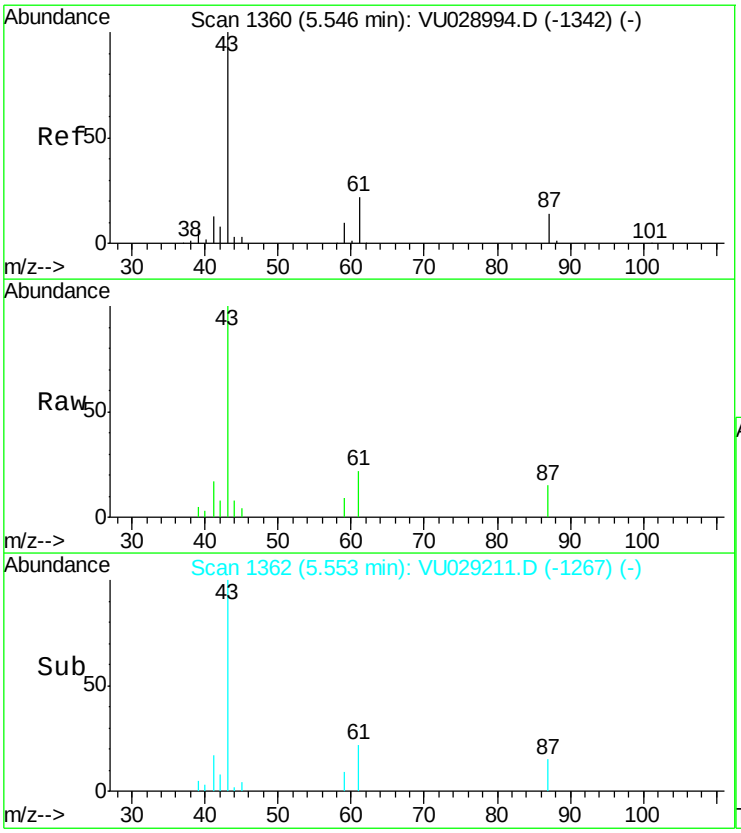
#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion:117 Resp: 9977

Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.6	111.8#
121	0.0	25.0	37.6#

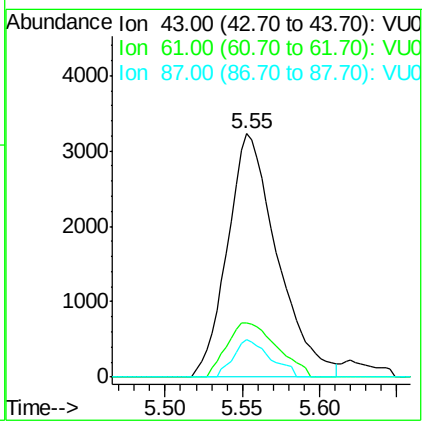


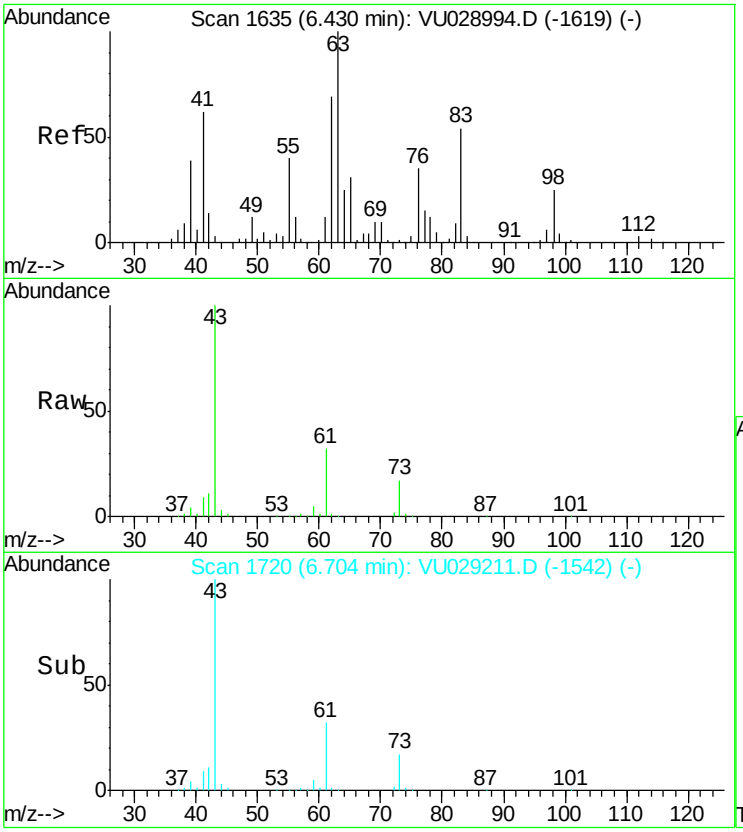


#43
Isopropyl Acetate
Concen: 2.189 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 43 Resp: 7225

Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.8	26.6
87	11.2	11.3	16.9#



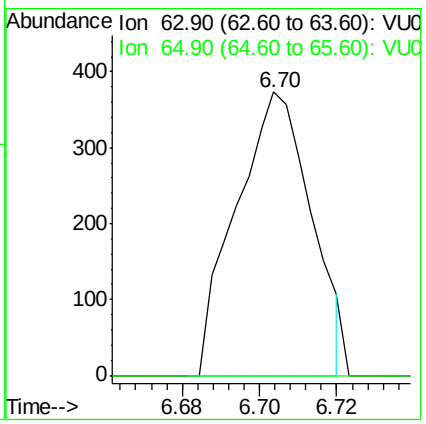


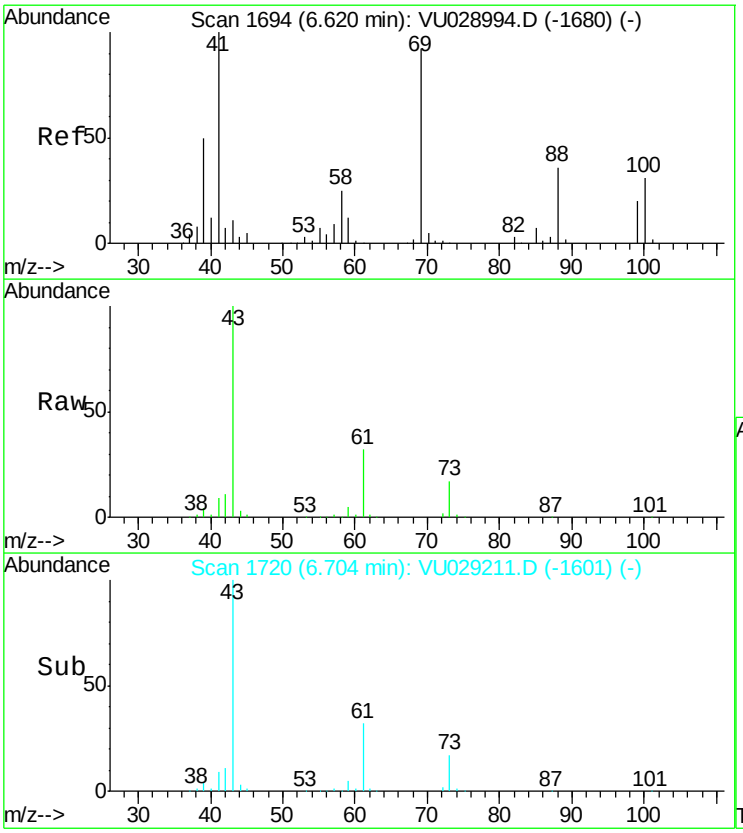
#45
1,2-Dichloropropane
Concen: 0.312 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.27 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion: 63 Resp: 504

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#

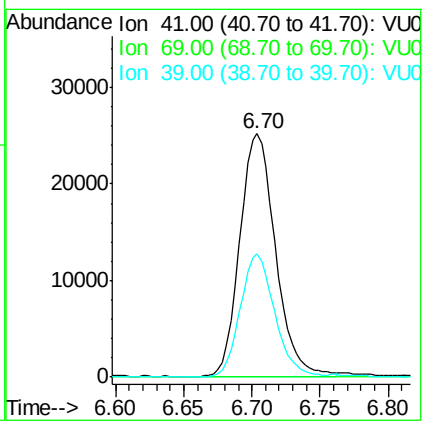


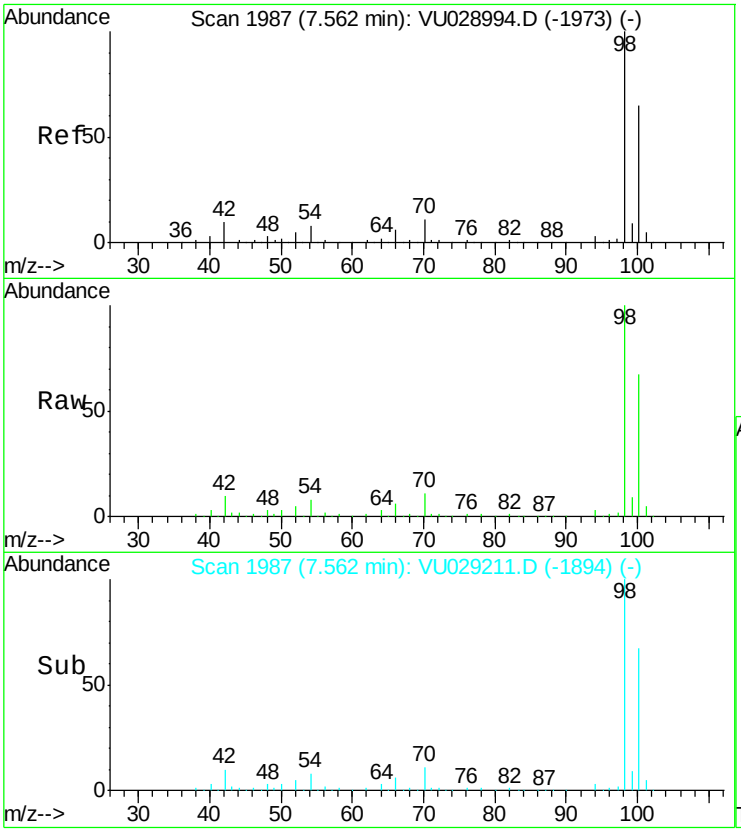


#48
Methyl methacrylate
Concen: 28.662 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.08 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 41 Resp: 46070

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.6	110.4#
39	48.4	39.6	59.4



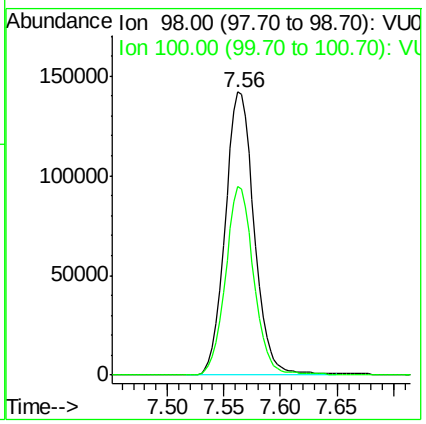


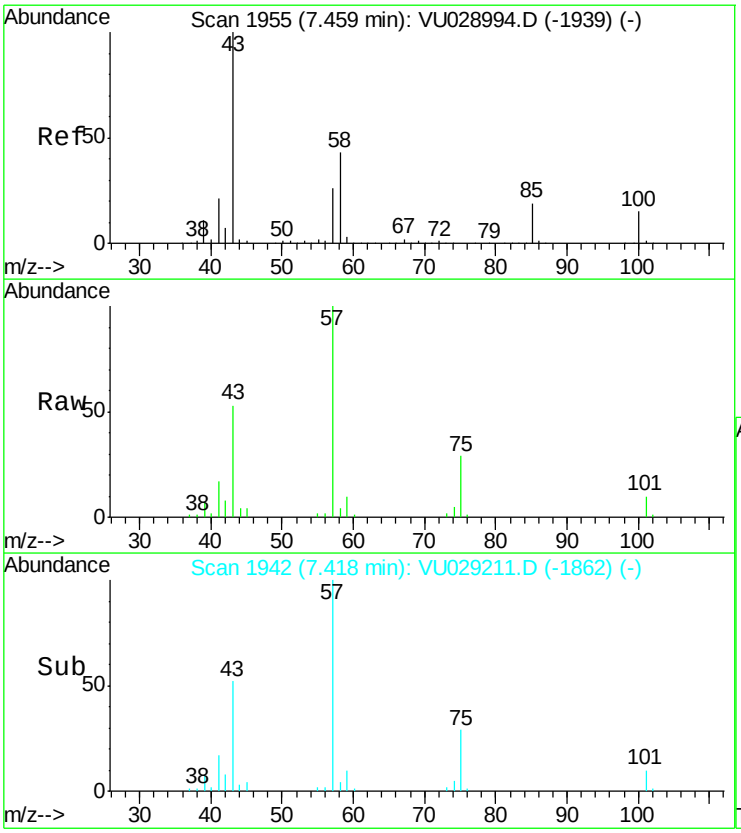
#50
Toluene-d8
Concen: 50.541 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion: 98 Resp: 253682

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.6	77.4

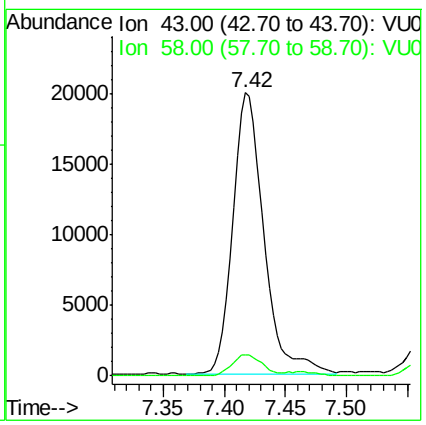


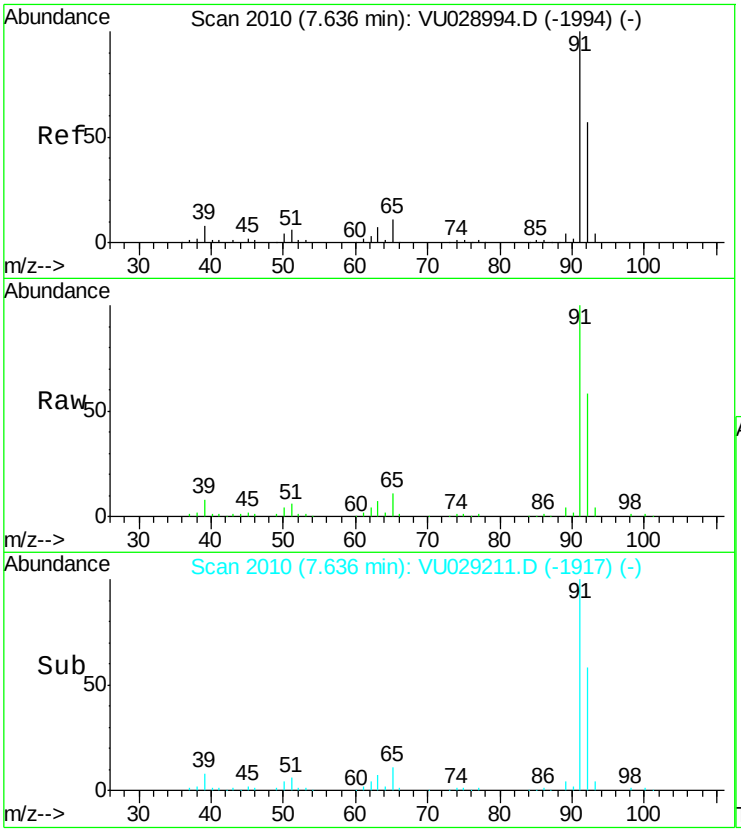


#51
4-Methyl-2-Pentanone
Concen: 15.775 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. -0.04 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 43 Resp: 35439

Ion	Ratio	Lower	Upper
43	100		
58	7.2	33.9	50.9#



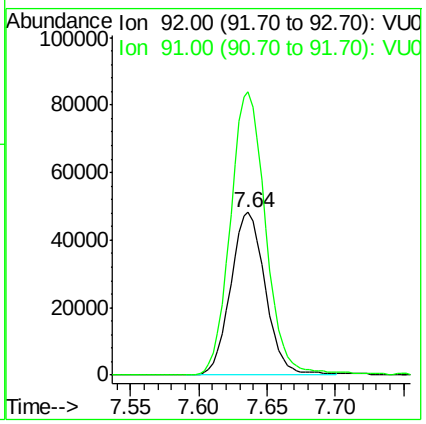


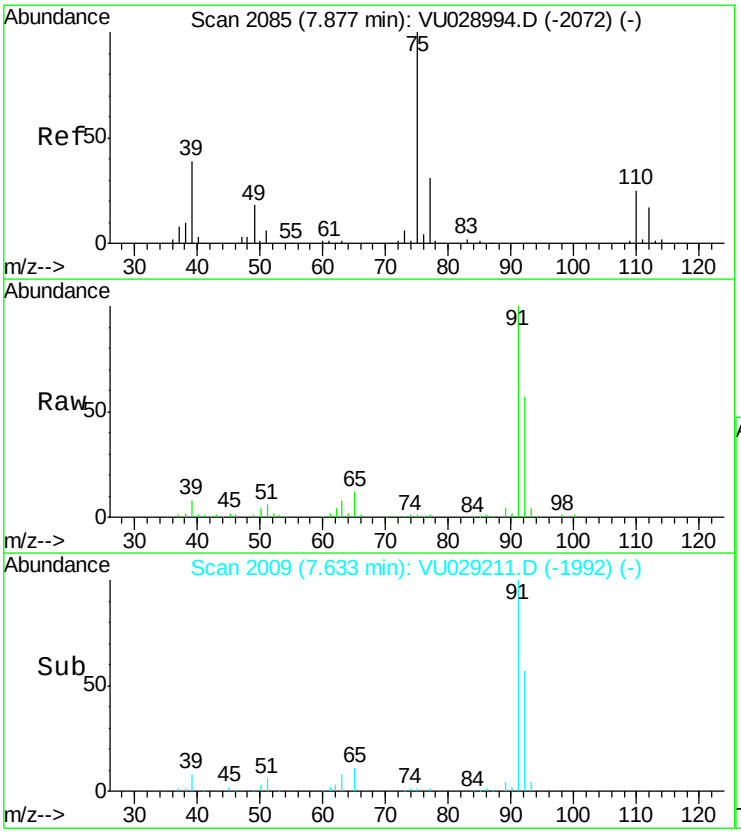
#52
Toluene
Concen: 22.886 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion: 92 Resp: 85198

Ion	Ratio	Lower	Upper
92	100		
91	177.9	139.8	209.8

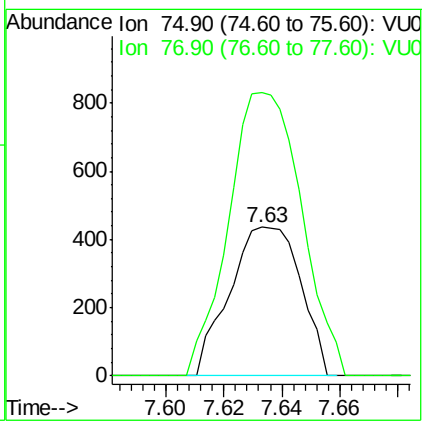


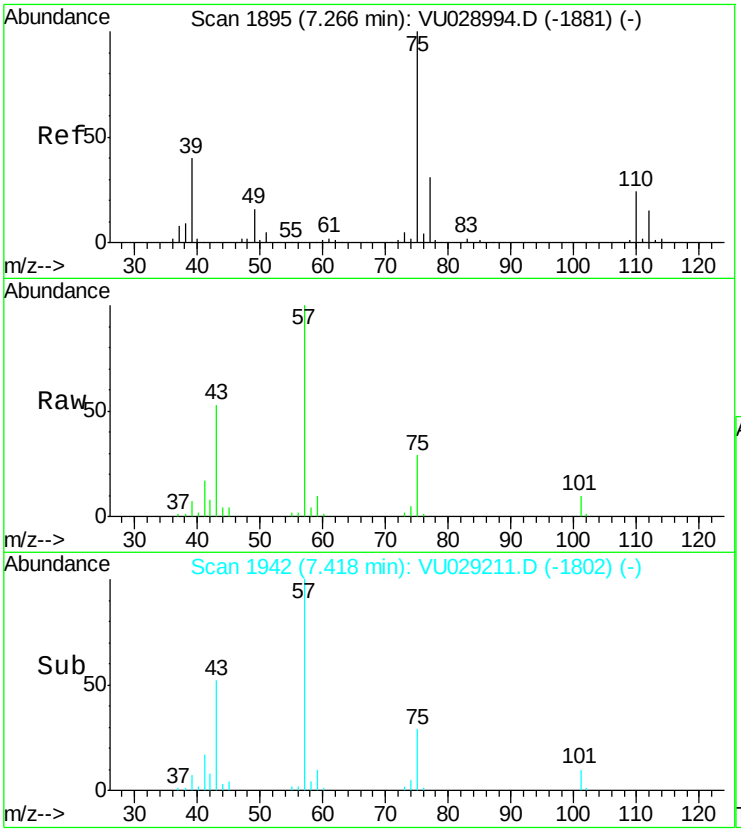


#53
t-1,3-Dichloropropene
Concen: 0.324 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. -0.24 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 75 Resp: 740

Ion	Ratio	Lower	Upper
75	100		
77	190.8	25.0	37.4#



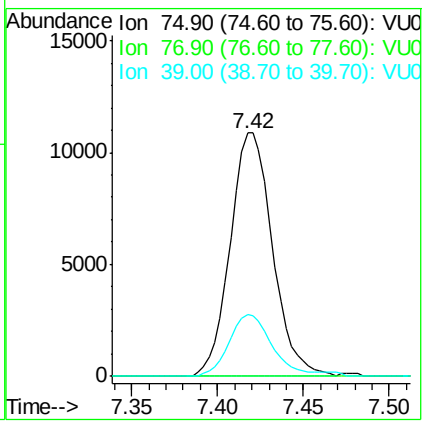


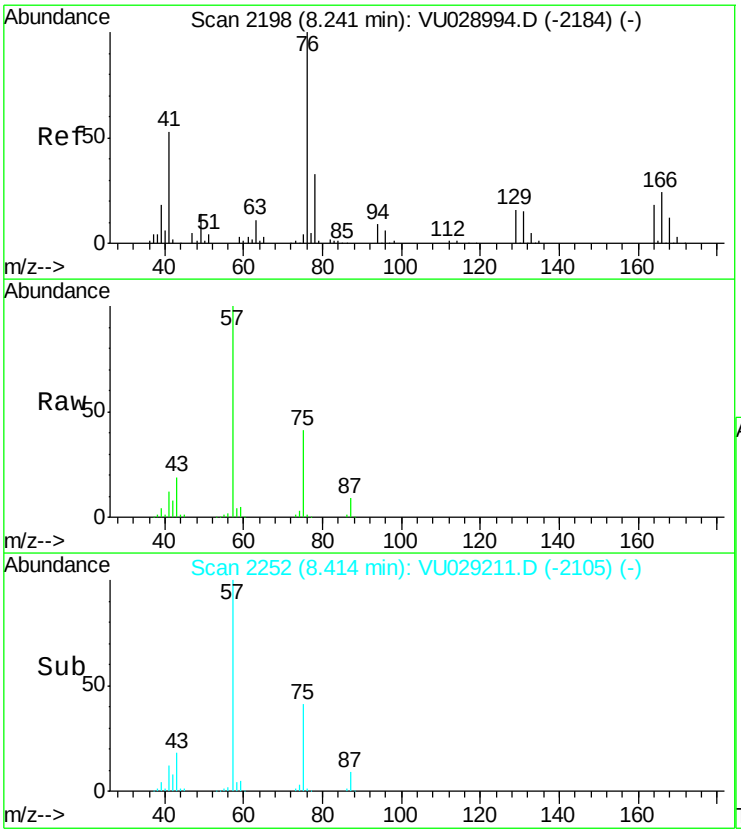
#54
cis-1,3-Dichloropropene
Concen: 7.535 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. 0.15 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion: 75 Resp: 18590

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	25.4	32.2	48.4#

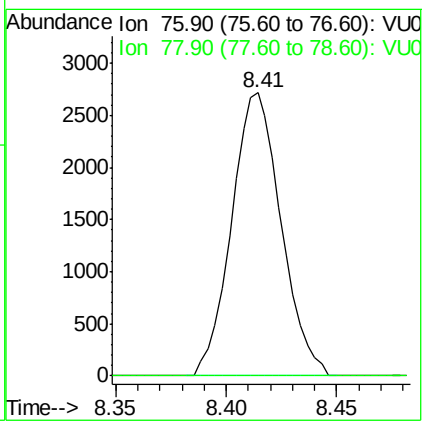


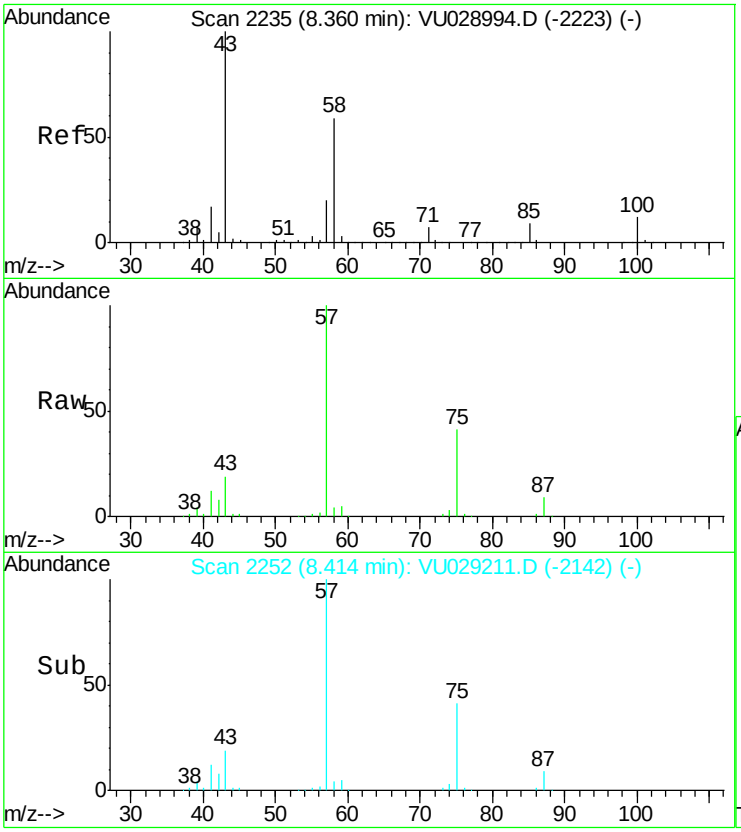


#57
1,3-Dichloropropane
Concen: 1.658 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.17 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 76 Resp: 4231

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



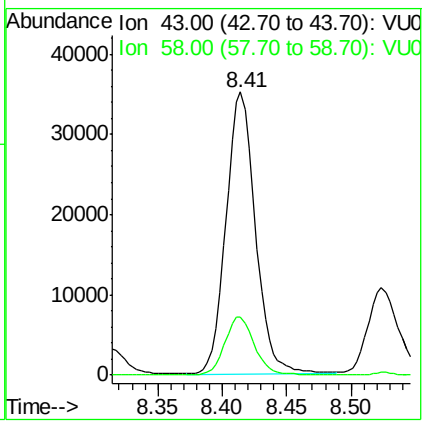


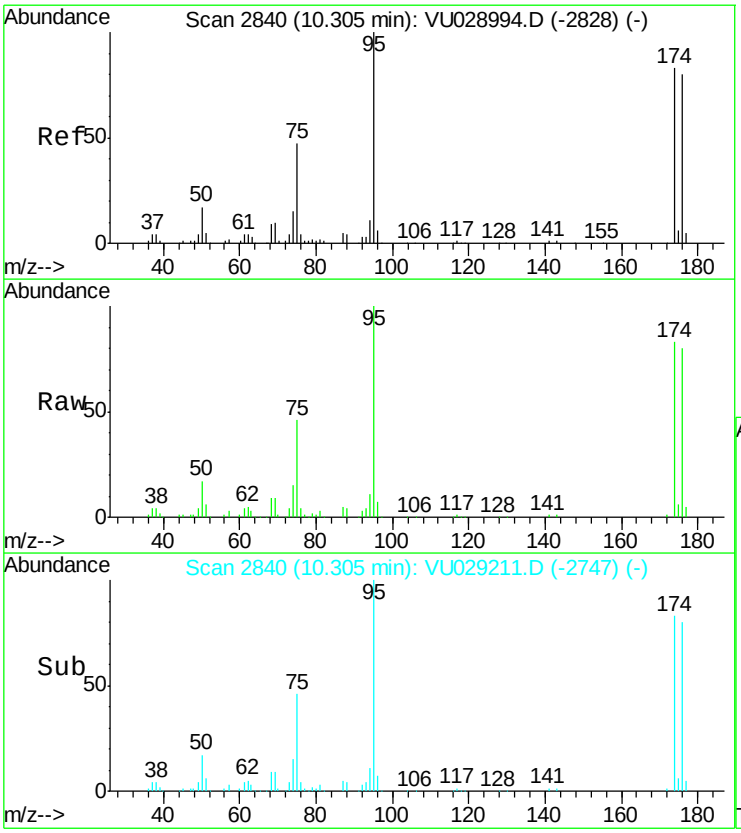
#59
2-Hexanone
Concen: 31.669 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.05 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion: 43 Resp: 55847

Ion	Ratio	Lower	Upper
43	100		
58	20.8	29.8	89.4#

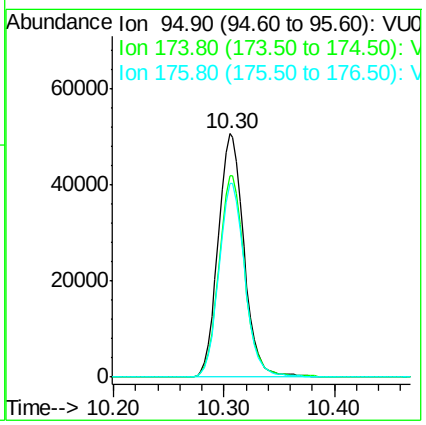


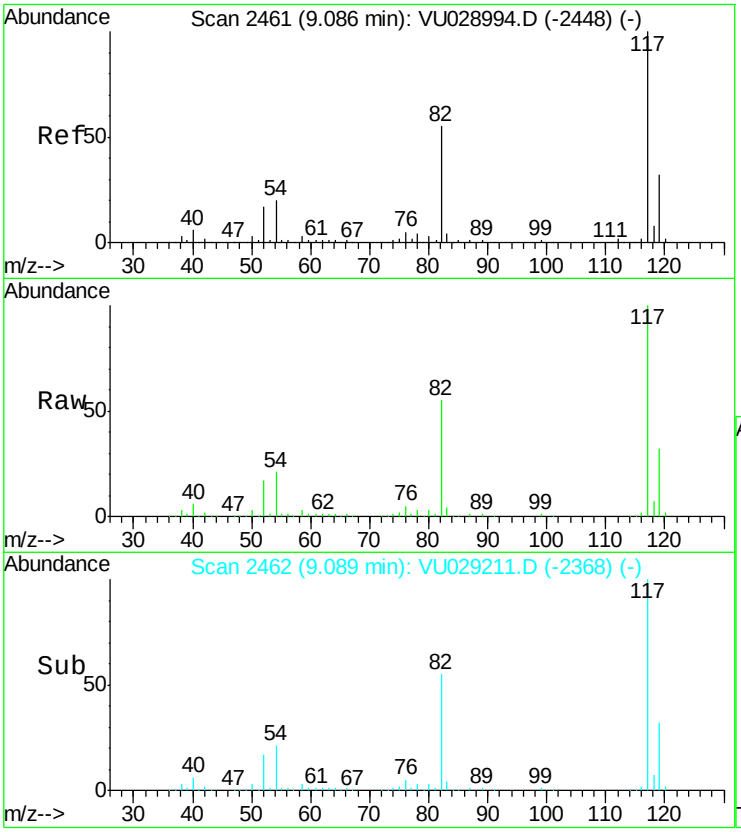


#62
4-Bromofluorobenzene
Concen: 45.559 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 95 Resp: 82182

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	170.6
176	79.5	0.0	165.0



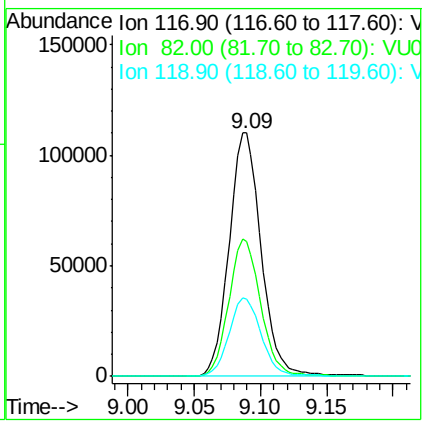


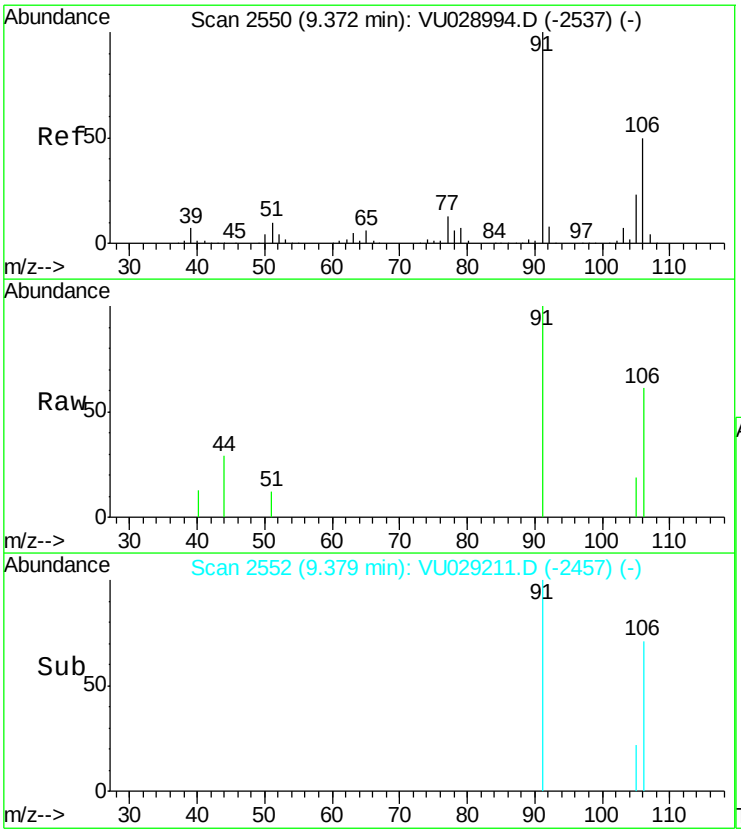
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument : MSVOA_U
ClientSampleId : OK-01-011519-A

Tgt Ion:117 Resp: 184730

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.9	65.9
119	31.8	26.0	39.0

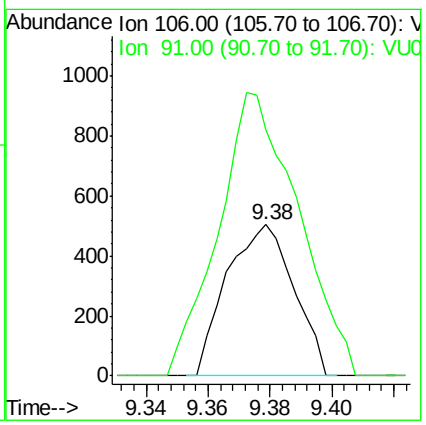


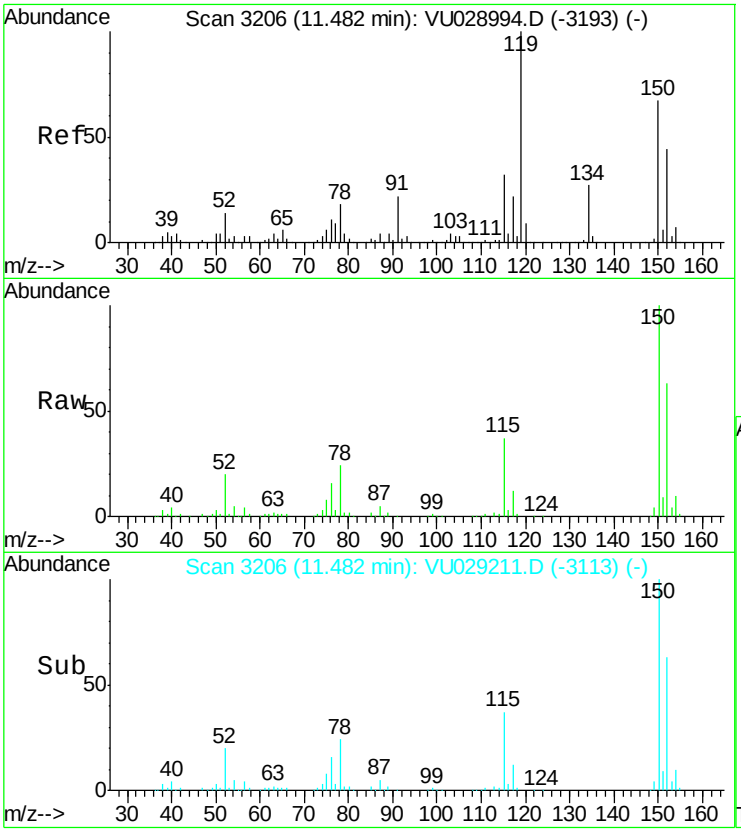


#68
m/p-Xylenes
Concen: 0.282 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion:106 Resp: 757

Ion	Ratio	Lower	Upper
106	100		
91	223.9	161.7	242.5



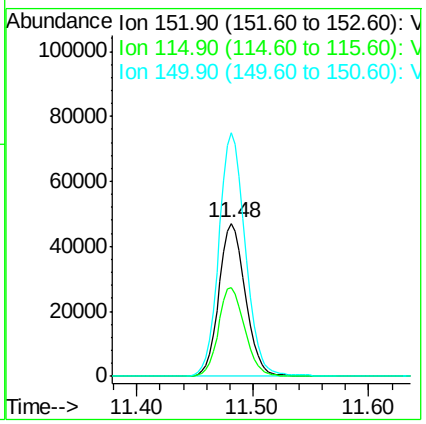


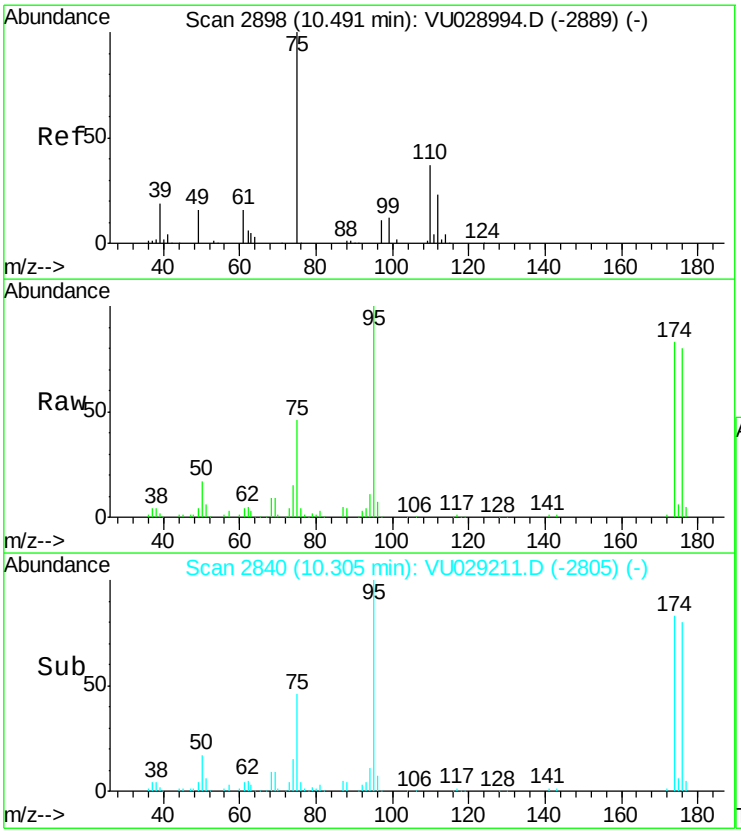
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument : MSVOA_U
ClientSampleId : OK-01-011519-A

Tgt Ion:152 Resp: 74636

Ion	Ratio	Lower	Upper
152	100		
115	57.3	40.1	120.3
150	158.5	0.0	345.2

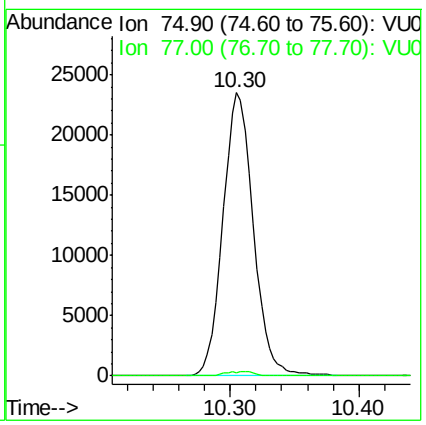


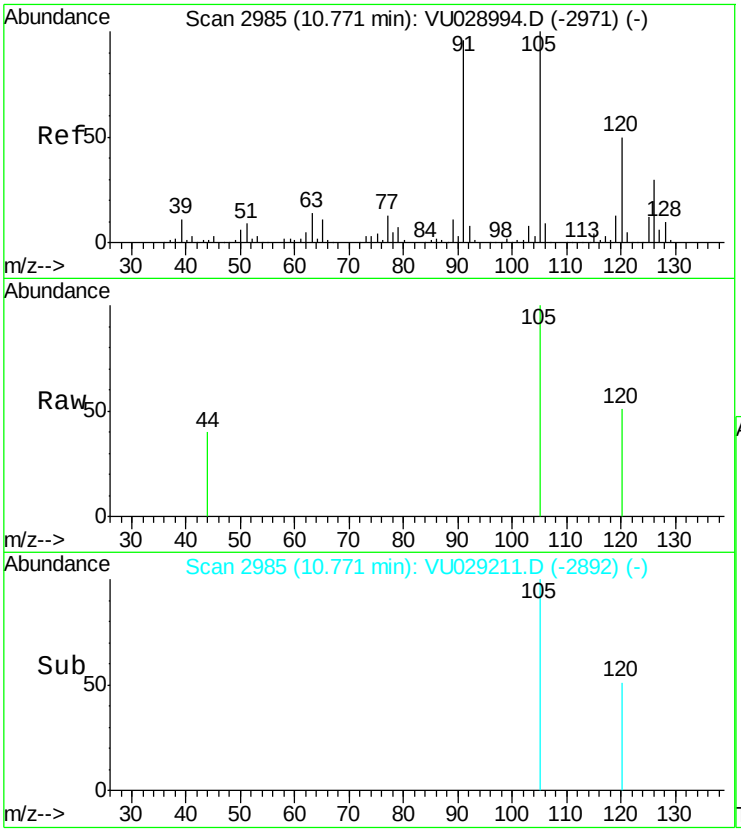


#76
1,2,3-Trichloropropane
Concen: 21.044 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 75 Resp: 38483

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.8#



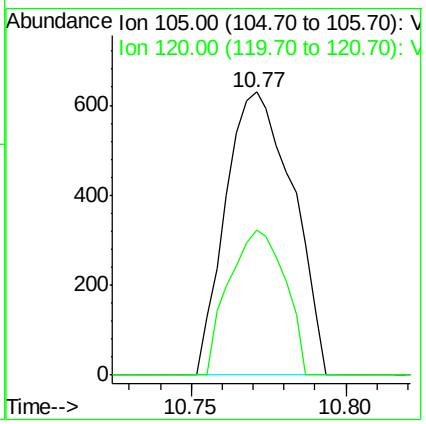


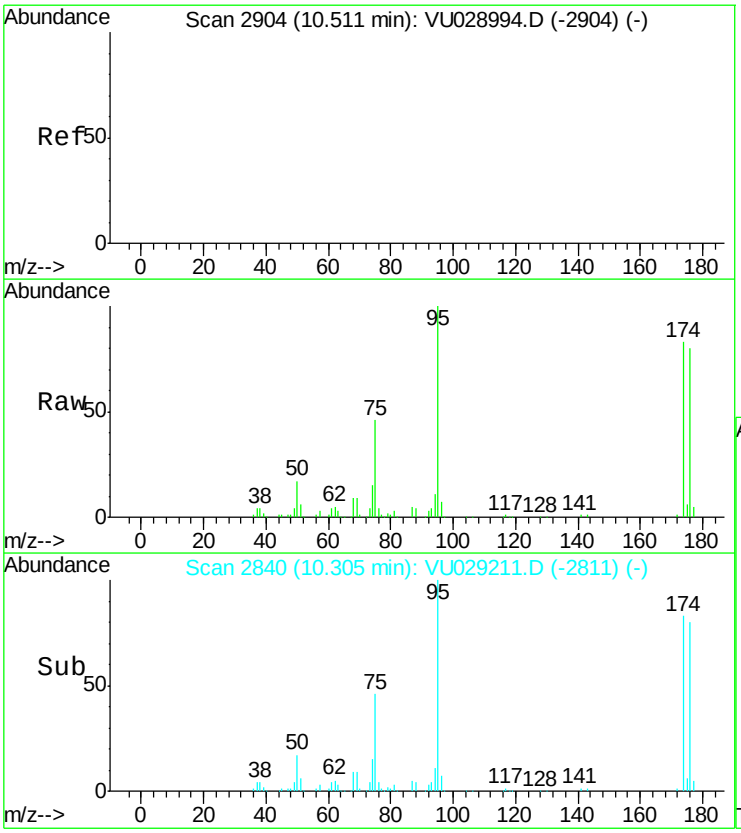
#80
1,3,5-Trimethylbenzene
Concen: 0.206 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion:105 Resp: 952

Ion	Ratio	Lower	Upper
105	100		
120	42.9	24.8	74.4

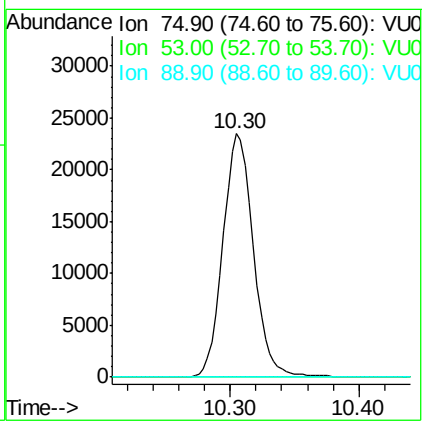


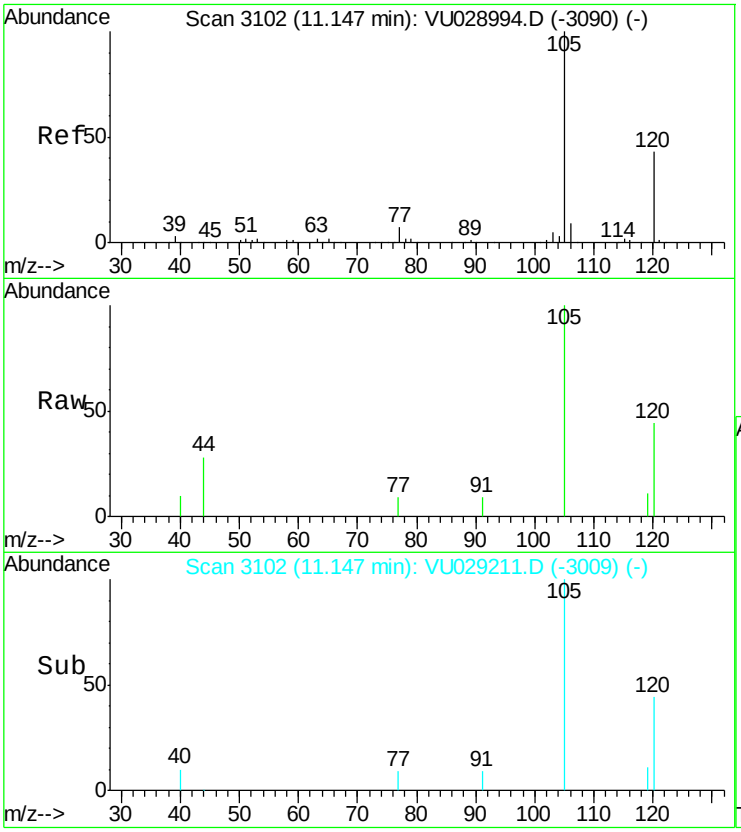


#81
trans-1,4-Dichloro-2-butene
Concen: 54.273 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 75 Resp: 38483

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



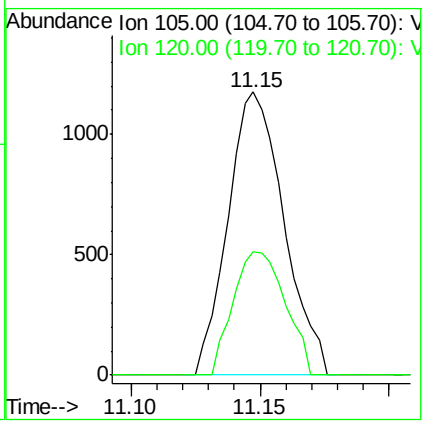


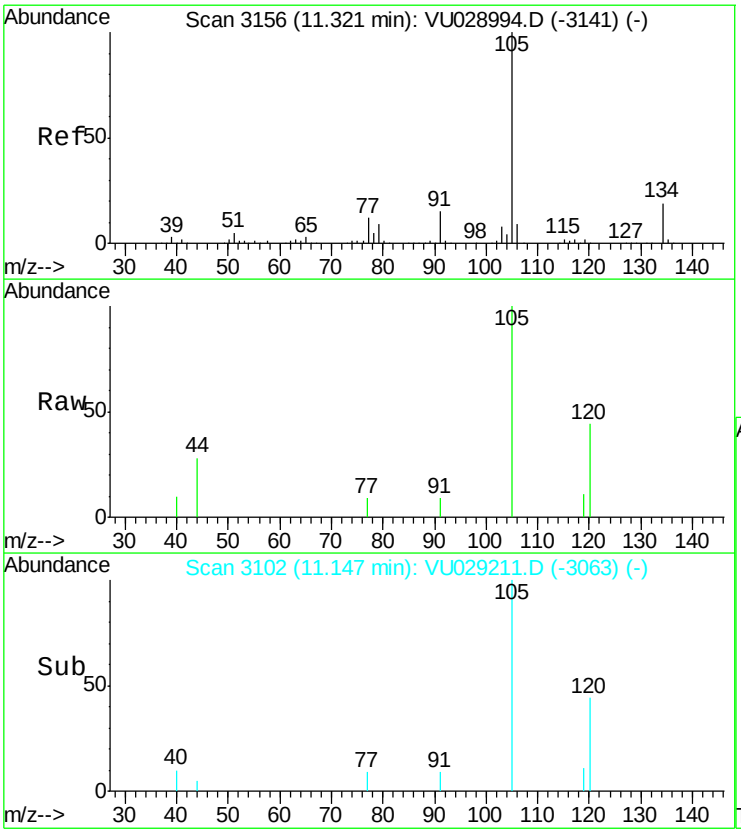
#84
1,2,4-Trimethylbenzene
Concen: 0.384 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument : MSVOA_U
ClientSampleId : OK-01-011519-A

Tgt Ion:105 Resp: 1769

Ion	Ratio	Lower	Upper
105	100		
120	40.7	23.1	69.3

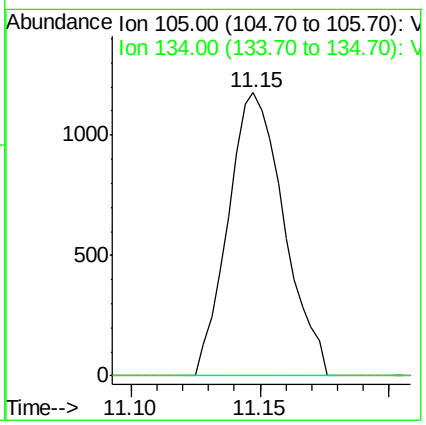


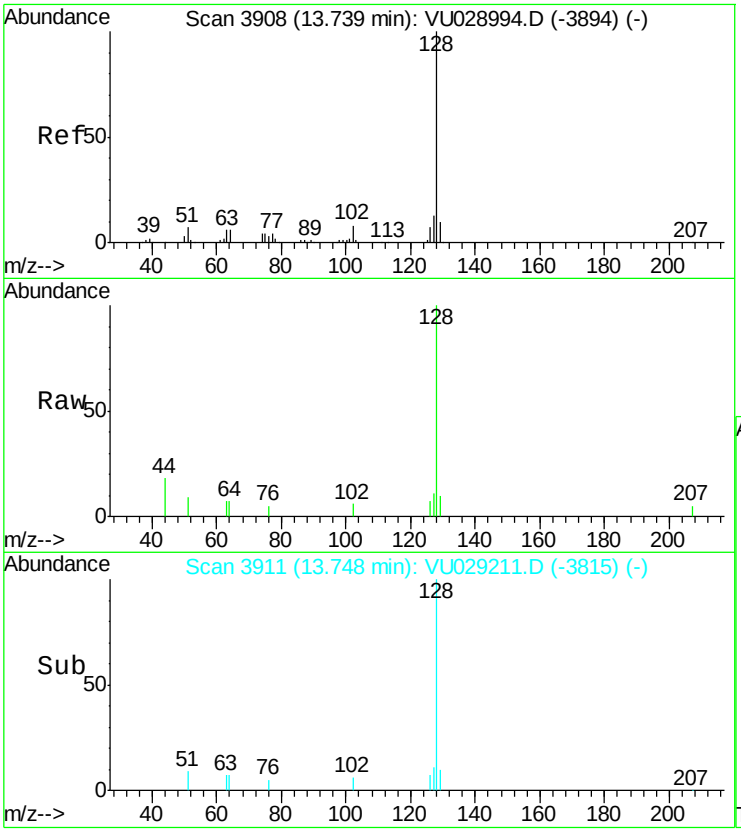


#85
sec-Butylbenzene
Concen: 0.322 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.17 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion:105 Resp: 1769

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.7	29.1#





#95
Naphthalene
Concen: 0.947 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tgt Ion:128 Resp: 5472

Ion	Ratio	Lower	Upper
128	100		
127	8.6	10.1	15.1#
129	6.8	8.5	12.7#