

Data File : VU032784.D
Acq On : 17 Jun 2019 15:55
Operator : JC/SP
Sample : K3383-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XK3

Quant Time: Jun 18 02:43:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	226885	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	214663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107778	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74668	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.32%
7) Chloroethane-d5	1.68	69	60823	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.36%
11) 1,1-Dichloroethene-d2	2.27	63	113666	36.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.78%
21) 2-Butanone-d5	4.17	46	120944	93.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.71%
24) Chloroform-d	4.64	84	143251	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.30	65	99124	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.33	84	288470	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
36) 1,2-Dichloropropane-d6	6.32	67	92344	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.60%
41) Toluene-d8	7.56	98	267231	50.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.98%
43) trans-1,3-Dichloropropene-	7.85	79	44443	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.86%
47) 2-Hexanone-d5	8.31	63	80017	96.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.13%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	129411	46.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	105958	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Qvalue	
8) Chloroethane	1.40	64	1251	1.055	ug/L #	1
9) Trichlorofluoromethane	1.88	101	16924	5.855	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	856	0.565	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	848	0.594	ug/L #	1
13) Acetone	2.32	43	1213	0.680	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	1656	0.981	ug/L	93
34) Trichloroethene	6.18	95	42001	25.421	ug/L	98
37) 1,2-Dichloropropane	6.32	63	11177	6.589	ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	2319	0.934	ug/L	86
46) Tetrachloroethene	8.22	164	42867	31.662	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	13511	5.968	ug/L	92

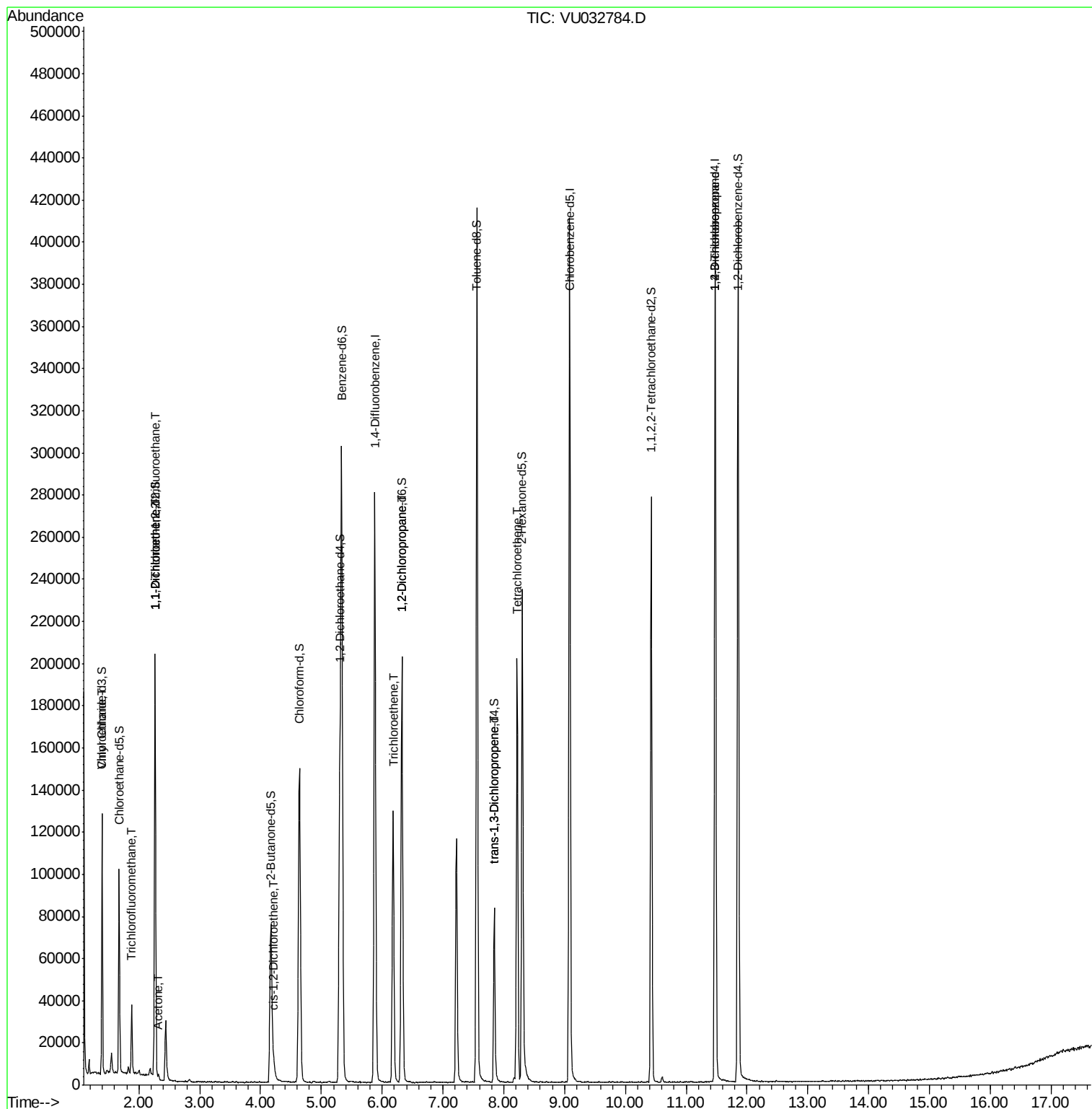
(#) = qualifier out of range (m) = manual integration (+) = signals summed

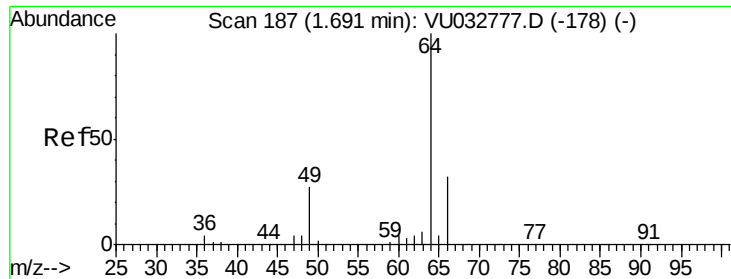
Data File : VU032784.D

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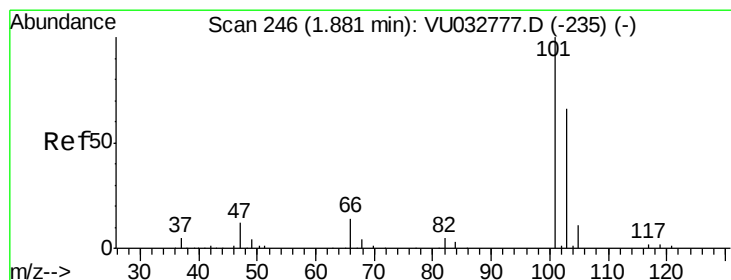
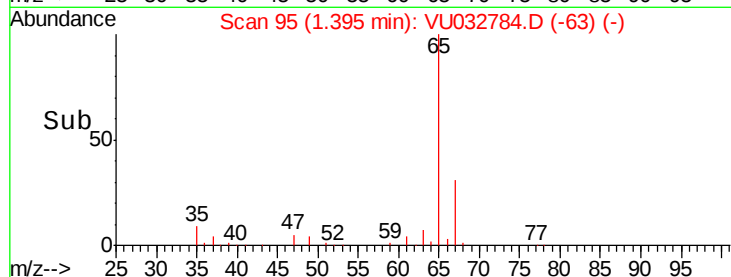
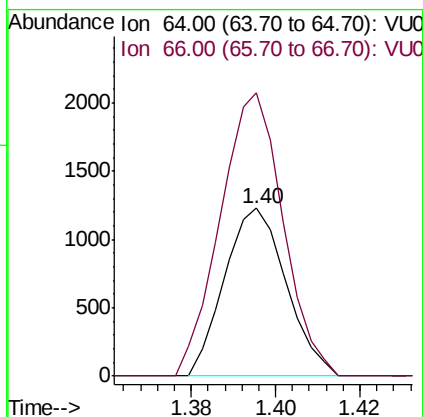
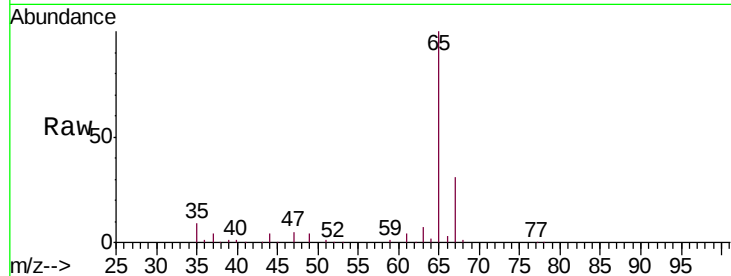




#8
Chloroethane
Concen: 1.055 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032784.D
Acq: 17 Jun 2019 15:55

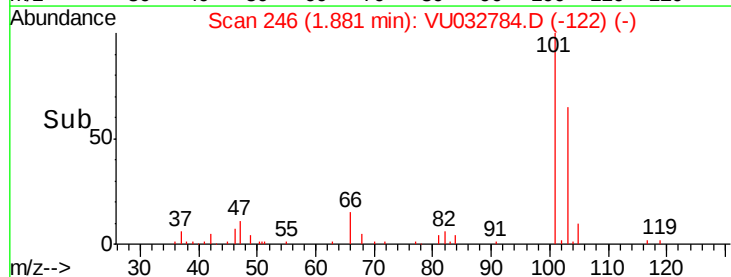
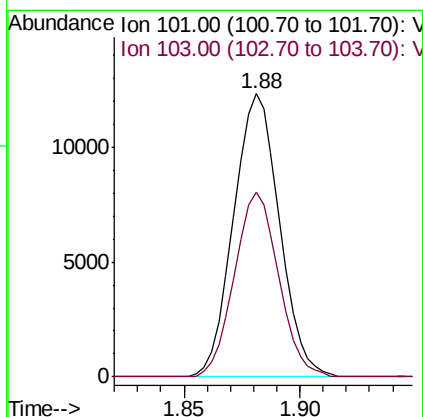
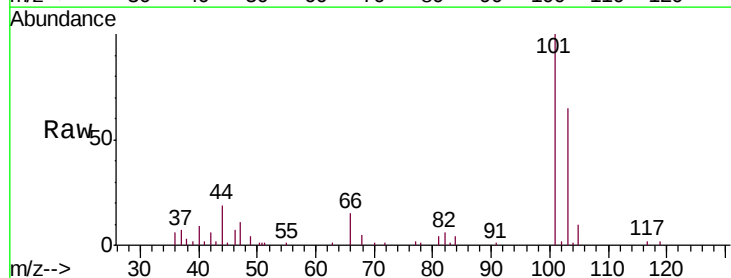
Instrument :
MSVOA_U
ClientSampleId :
C0XK3

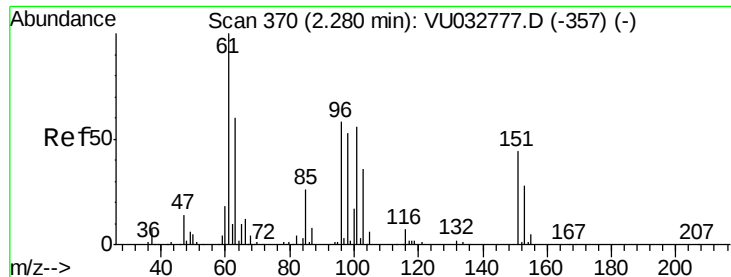
Tgt Ion: 64 Resp: 1251
Ion Ratio Lower Upper
64 100
66 168.9 22.5 41.7#



#9
Trichlorofluoromethane
Concen: 5.855 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU032784.D
Acq: 17 Jun 2019 15:55

Tgt Ion: 101 Resp: 16924
Ion Ratio Lower Upper
101 100
103 62.6 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.565 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

C0XK3

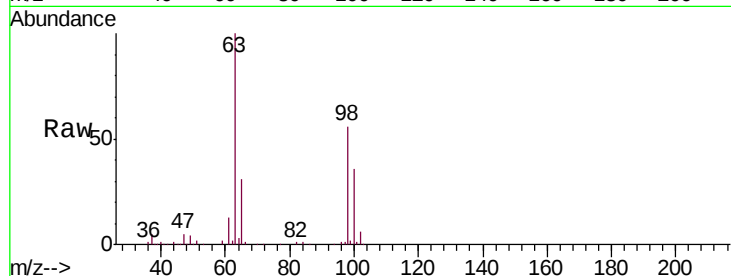
Tgt Ion: 101 Resp: 856

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

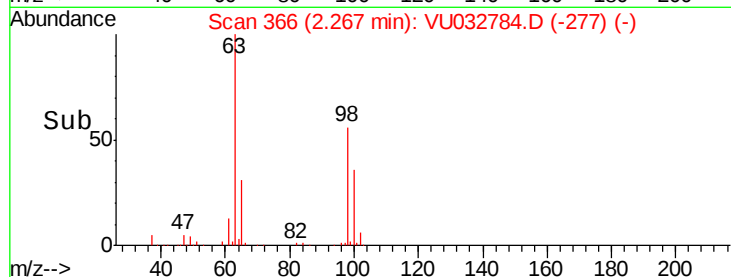
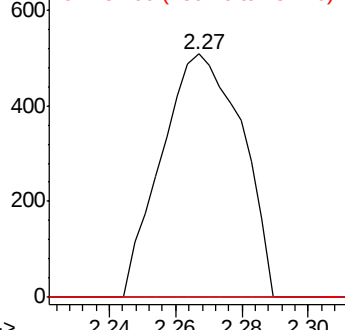
151 0.0 63.6 95.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.594 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

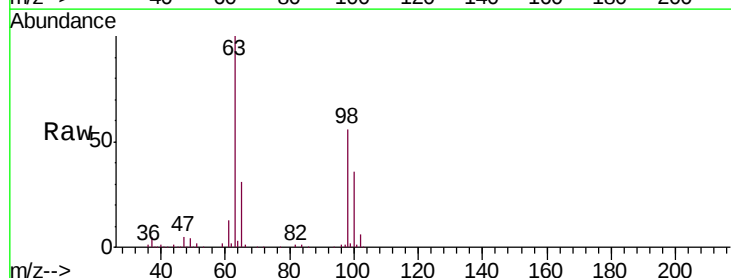
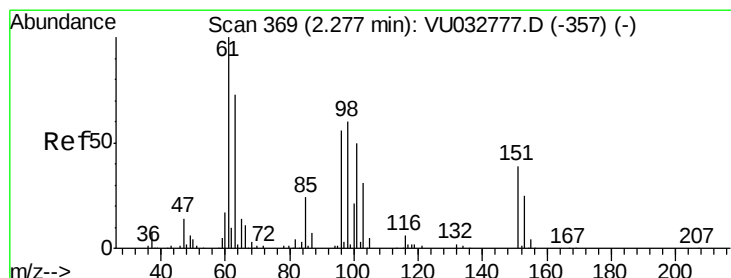
Tgt Ion: 96 Resp: 848

Ion Ratio Lower Upper

96 100

61 1881.8 131.0 243.4#

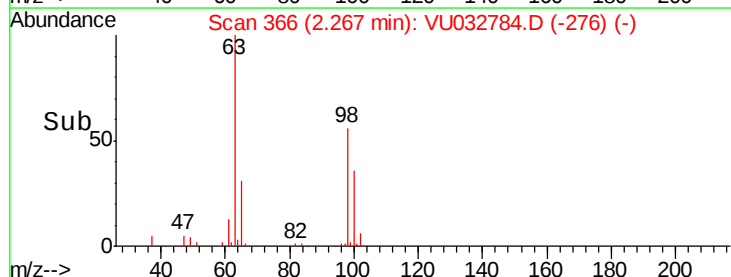
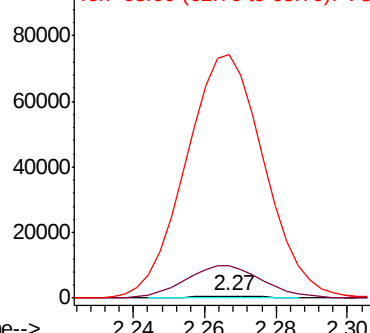
63 14353.6 101.0 187.6#

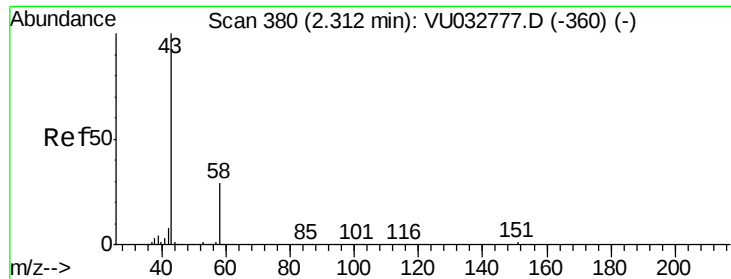


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.680 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

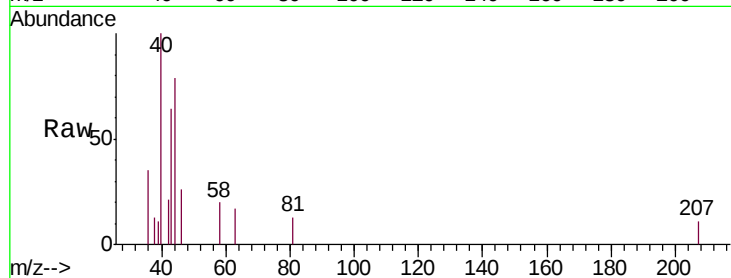
C0XK3

Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

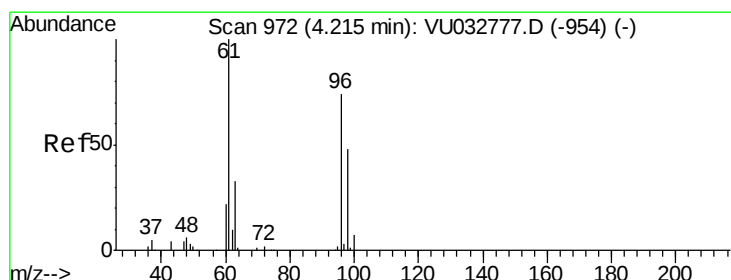
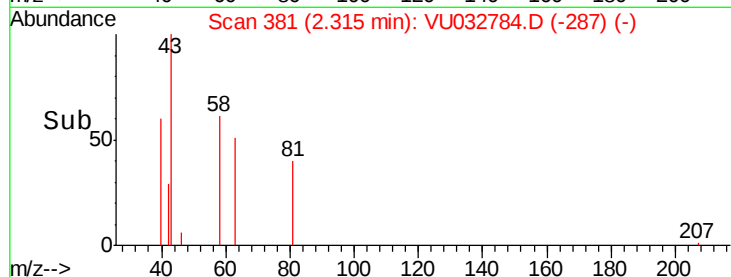
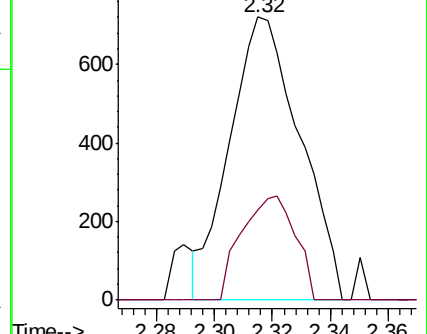
43 100

58 27.9 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032777.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032777.D (-360) (-)



#20

cis-1,2-Dichloroethene

Concen: 0.981 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

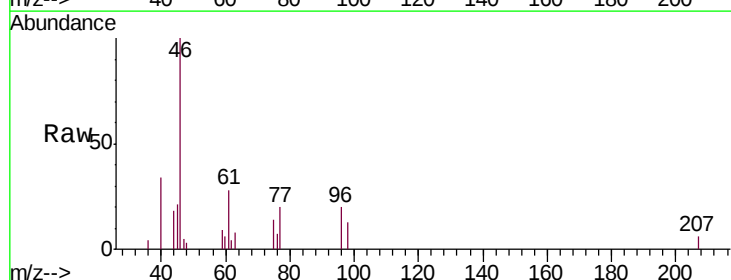
Tgt Ion: 96 Resp: 1656

Ion Ratio Lower Upper

96 100

61 140.2 92.4 171.6

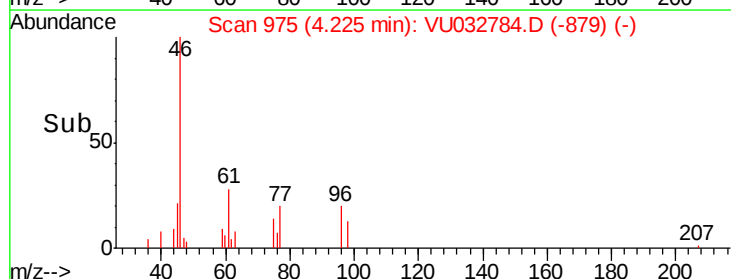
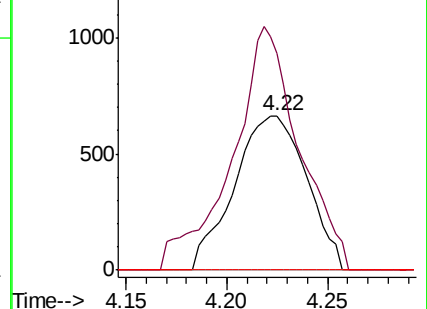
68 0.0 0.0 0.0

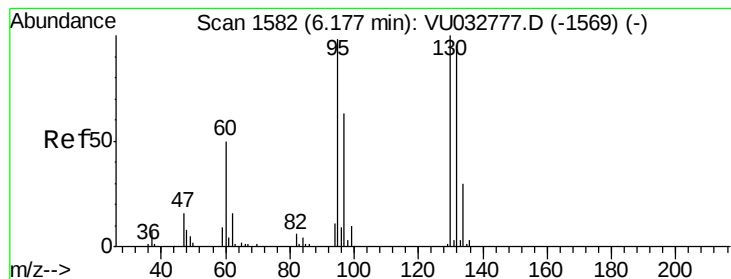


Abundance Ion 96.00 (95.70 to 96.70): VU032777.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU032777.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU032777.D (-954) (-)





#34

Trichloroethene

Concen: 25.421 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

C0XK3

Tgt Ion: 95 Resp: 42001

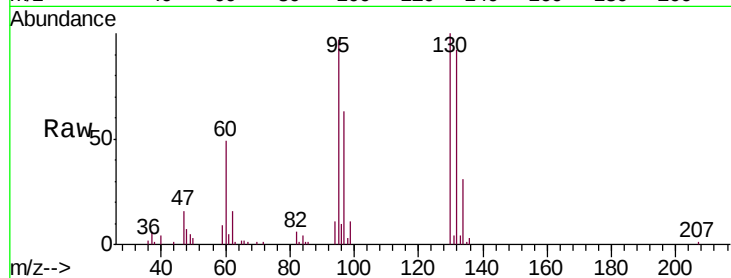
Ion Ratio Lower Upper

95 100

97 64.7 45.9 85.3

132 94.7 68.5 127.3

130 103.3 70.8 131.4

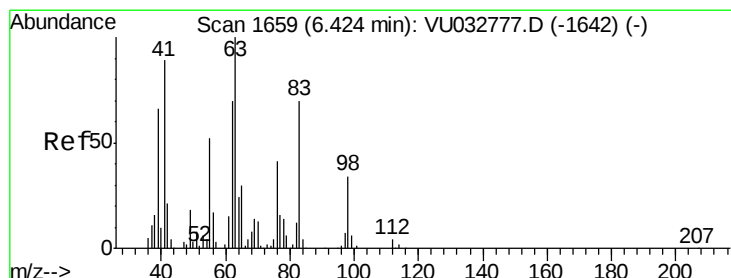
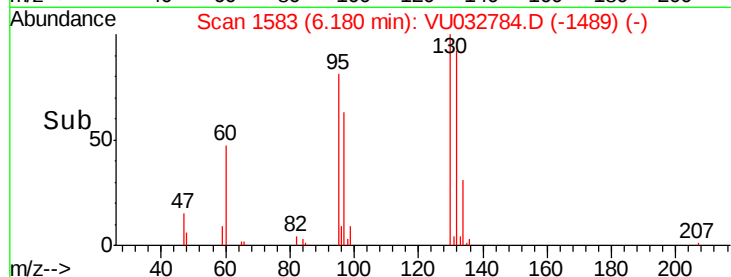
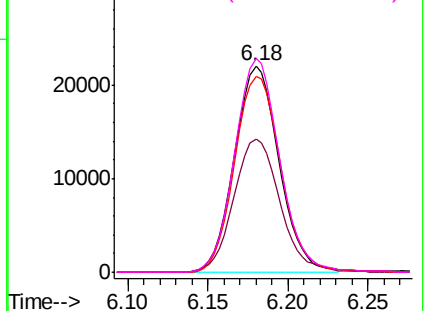


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.589 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032784.D

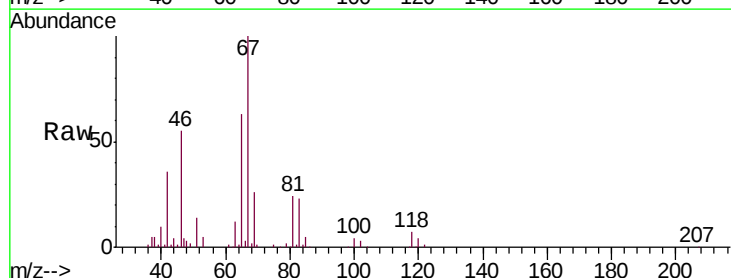
Acq: 17 Jun 2019 15:55

Tgt Ion: 63 Resp: 11177

Ion Ratio Lower Upper

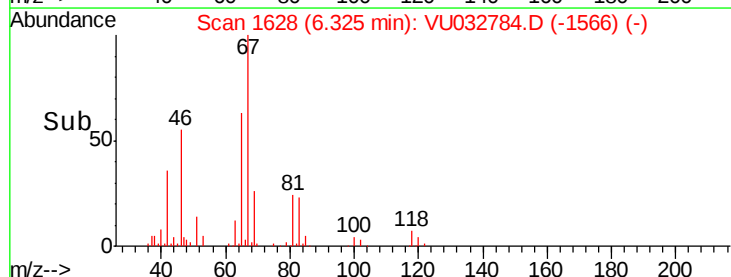
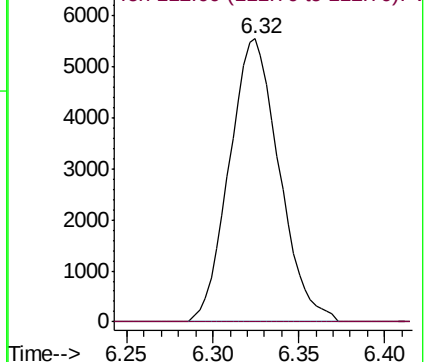
63 100

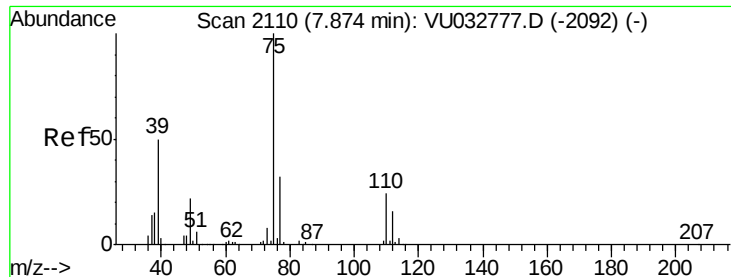
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.934 ug/L

RT: 7.84 min Scan# 2099

Delta R.T. -0.04 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

Instrument :

MSVOA_U

ClientSampled :

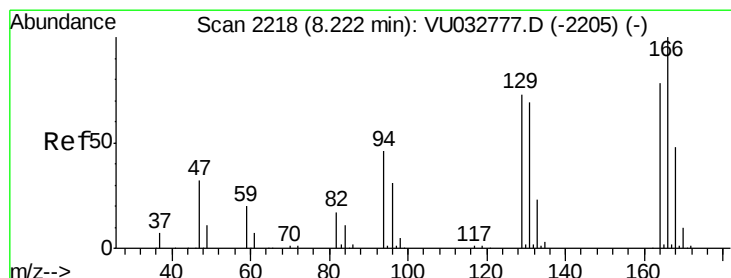
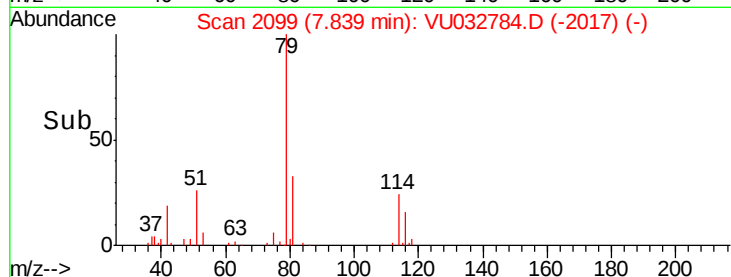
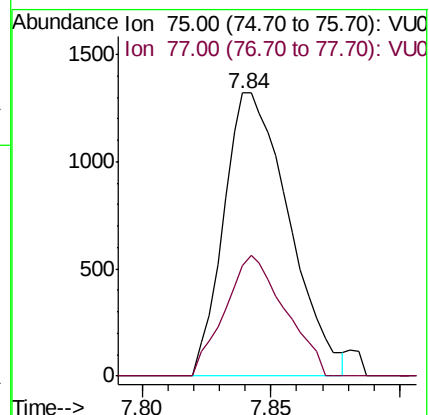
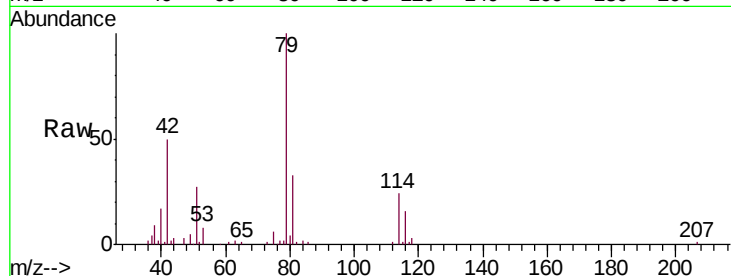
C0XK3

Tgt Ion: 75 Resp: 2319

Ion Ratio Lower Upper

75 100

77 39.0 21.8 40.4



#46

Tetrachloroethene

Concen: 31.662 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

Tgt Ion: 164 Resp: 42867

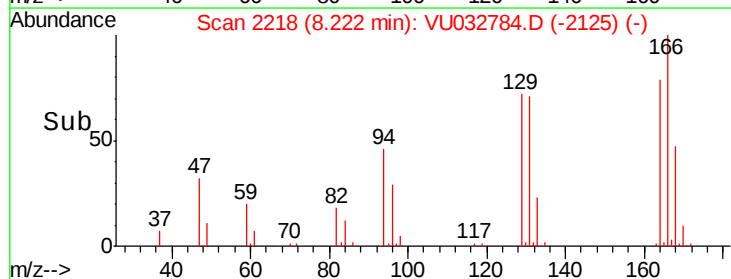
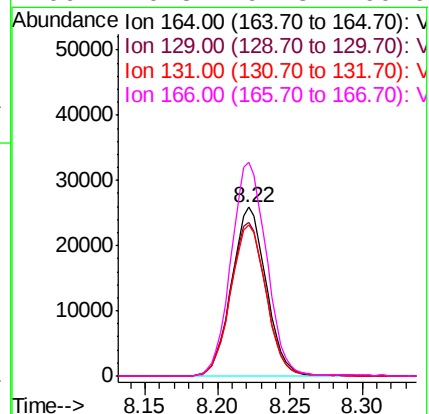
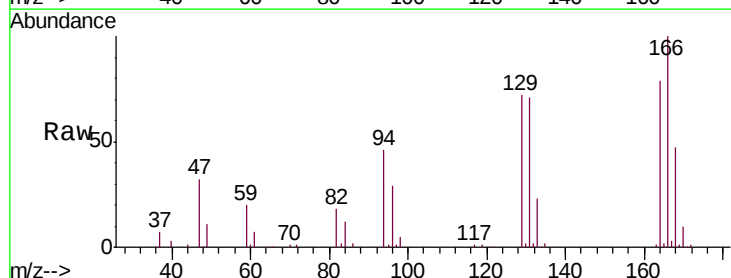
Ion Ratio Lower Upper

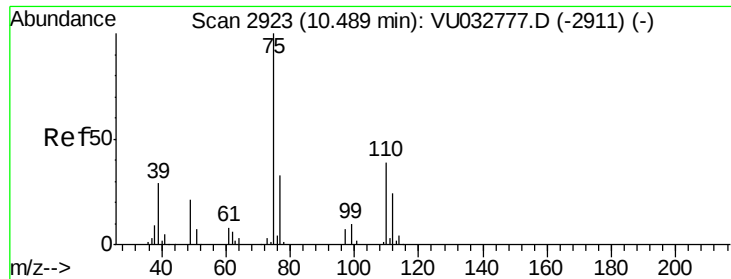
164 100

129 91.2 64.8 120.3

131 89.8 64.5 119.7

166 126.8 91.3 169.6





#59

1,2,3-Trichloropropane

Concen: 5.968 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

C0XK3

Tgt Ion: 75 Resp: 13511

Ion Ratio Lower Upper

75 100

77 36.5 25.5 38.3

